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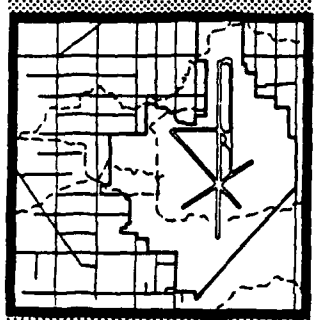

INSTALLATION RESTORATION PROGRAM (IRP)
STAGE 3

McCLELLAN AIR FORCE BASE

PREPARED BY:
Radian Corporation
10395 Old Placerville Road
Sacramento, California 95827

NOVEMBER 1989

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United States Air Force
Human Systems Division (AFSC)
IRP Program Office (HSD/YAQI)
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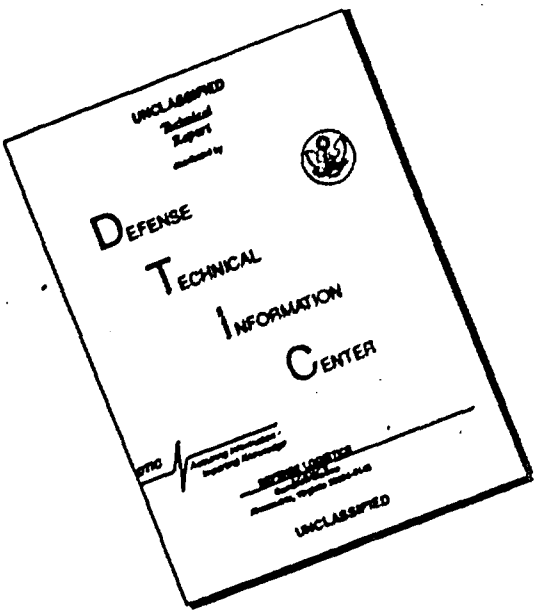

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This Annual Technical Report presents the interpretive results for analytical and hydrologic data during groundwater sampling and analysis activities at McClellan AFB from August 1979 through December 1988. The data are used to evaluate the occurrence and migration of groundwater contaminants, to assess uncertainty in the sampling and analytical processes, to identify any hydrologic and analytical trends developing over time and to evaluate the effectiveness of the Area C and Area D extraction systems.

The analytical data were reviewed in terms of specific Quality Assurance and Quality Control (QA/QC) procedures. The analytical data were found to meet and exceed QA/QC objectives. Uncertainties due to sampling and analytical variability were calculated for 8 analytes and were found to be less than 30 percent.

In Area A, contaminants have been detected in the existing wells but the extent of groundwater contamination cannot be determined. In Area B, pumping of on- and off-base water supply wells appears to be the dominant factor affecting groundwater flow directions and contaminant migration. In Area C, the main direction of contaminant migration has been to the south, following the regional groundwater flow direction. In Area D the extraction systems appears to be working effectively to control groundwater flow and prevent off-base migration of contaminants.

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PREFACE

Radian Corporation is the contractor for the Installation Restoration Program (IRP), Stage 3 Remedial Investigation/Feasibility Study (RI/FS) at McClellan Air Force Base (AFB), California. The work is being performed for the AF Occupational and Environmental Health Laboratory (AFOEHL) under AF Contract No. F33615-87-D-4023.

This Annual Technical Report presents the results and interpretation of data collected as part of the Sampling and Analysis Program. The data evaluated include analytical results for groundwater samples collected from monitoring and extraction wells, and groundwater level data measured from wells on and in the vicinity of McClellan AFB. These data were used to evaluate current interim remedial measures and to identify trends developing with time.

Key Radian project personnel were:

Nelson H. Lund, P.E. - Contract Program Manager
Jack D. Gouge' - Delivery Order Manager
Morey Lewis - Project Manager
Deena A. Stanley - Project Director
Marie T. McCrink - Project Director

Radian acknowledges the cooperation of the McClellan AFB Office of Environmental Management. In particular, Radian acknowledges the assistance of Mr. Mario Ierardi, Mr. Bud Hoda, and Mr. Gerald Robbins, McClellan AFB Point of Contact.

The work presented herein was accomplished between 01 August 1979 and 31 December 1988. Capt. Jerald E. Styles, Technical Services Division, AF Occupational and Environmental Health Laboratory (AFOEHL/TS) was the Technical Program Manager.

Approved Nelson H Lund

Nelson H. Lund P.E.
Contract Program Manager

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EXECUTIVE SUMMARY

This annual technical report examines the analytical and hydrologic data collected through December 1988 under the Groundwater Sampling and Analysis Program. The objectives of this examination are to:

- Summarize the analytical and hydrologic data;
- Characterize the analytical data in terms of uncertainty and seasonality;
- Evaluate the past and present occurrence of the most commonly detected analytes;
- Identify analytical trends and groundwater flow patterns in local areas of the base; and
- Evaluate the effectiveness of the two extraction systems located in Areas C and D.

Background

Past disposal practices and activities involving solvents such as trichloroethene (TCE) at McClellan Air Force Base (AFB) have resulted in contamination of the groundwater beneath McClellan AFB. Groundwater samples from several water supply wells, located both on and off base have contained chemical compounds at concentrations exceeding state or federal drinking water standards. In order to address the groundwater contamination problem, McClellan AFB began a Remedial Investigation/Feasibility Study (RI/FS) process in 1979. Remedial investigations have focused on characterizing the problem, and collecting data on the existence and extent of contamination. Feasibility study activities involve assessing, selecting and implementing suitable technologies to solve the environmental and health risk problems identified under the remedial investigation.

Groundwater samples and water level data have been collected every three months from monitoring wells located on and off base since 1985. These data have been collected under the Groundwater Sampling and Analysis Program and are an important part of the ongoing remedial investigations. The analytical and hydrologic data collected over the three month-period have been presented in quarterly reports and data summaries. This annual technical report looks at all the quarterly data collected since 1985 in order to assess the lateral and vertical extent of the groundwater contamination. It also identifies the movement of the contaminants and important factors affecting groundwater flow and contaminant migration.

Findings

The first step of this technical investigation is to establish the quality of the analytical data. The analytical data are reviewed in terms of the Quality Assurance and Quality Control (QA/QC) procedures specified in the Quality Assurance Project Plan (QAPP) (Radian, Draft Copy, October 1988). The distribution of analytical results do not follow the typical pattern of a bell-shaped curve. Thus, specific statistical procedures for non-normally distributed data are used to evaluate analytical trends.

The sampling and analytical variability associated with each of the most commonly detected contaminants were determined. The most commonly detected groundwater contaminants include TCE, tetrachloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA) total 1,2-dichloroethene (total 1,2-DCE) 1,2-dichloroethane (1,2-DCA), 1,1-dichloroethene (1,1-DCE) 1,1-dichloroethane and chloroform. The total uncertainties due to sampling and analytical variability calculated for these eight contaminants were all less than 30 percent. For every reported concentration for these analytes, there is an uncertainty of less than 30 $\pm$ percent.

The analytical data and hydrologic factors were discussed for each of 10 geographic areas. These areas, shown in Figure S-1, include five on-base areas (Area A, Area B, Area C, Area D, and other On-Base Areas), and

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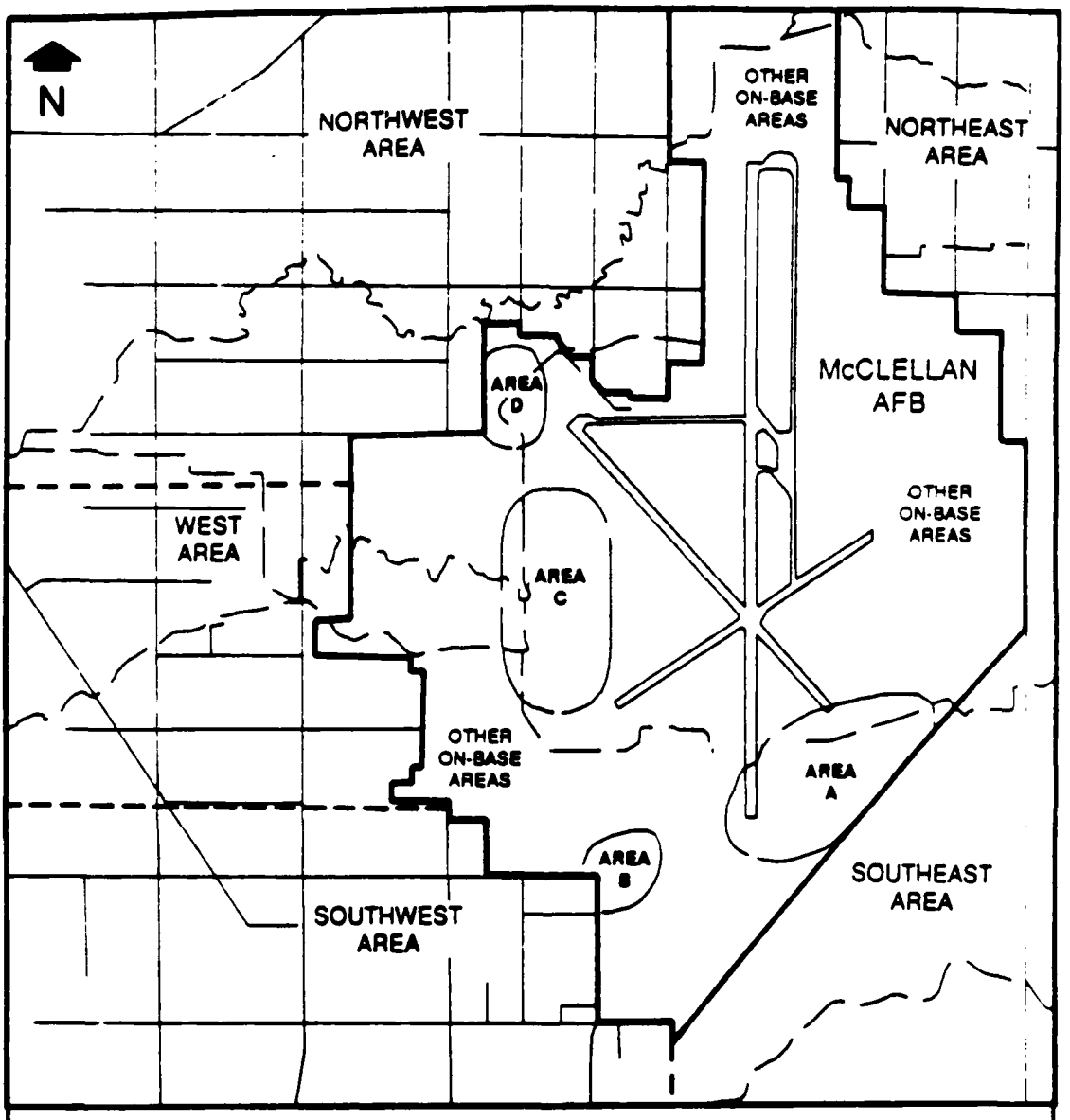

Figure S-1. Ten Geographic Designations of the Study Area.

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five off-base areas (Southeast, Southwest, West, Northwest, and Northeast). The discussion for each area includes potential sources of groundwater contaminants, local groundwater flow directions, influences on groundwater flow directions, hydraulic gradients, past and present occurrences of contaminants, analytical trend analysis, and apparent migration of contaminants.

In Area A and the Southeast Area, there is a limited number of monitoring wells; thus the local groundwater flow is poorly defined and water quality data are available for only certain parts of these areas. Historical analytical data from monitoring wells that are now dry, and recent analytical data from the few remaining monitoring wells indicate that contaminants are present in the shallow and middle monitoring zones. Detected contaminants include TCE, chloroform, and total 1,2-DCE. Concentrations of contaminants detected in monitoring wells range up to 198 ug/L, 19 ug/L and 34 ug/L, respectively. In addition, carbon tetrachloride has been consistently detected in one middle zone monitoring well at concentrations of approximately 8.5 ug/L. Because there are no deep wells in Area A, the vertical extent of groundwater contamination cannot be assessed. Additional wells are to be installed in Area A with the Preliminary Groundwater Operable Unit Remedial Investigation (PGOURI) (Radian, March 1989), which will aid in this assessment.

In Area B and the Southwest Area, high levels of TCE and total 1,2-DCE (above state and federal drinking water standards) have been detected in shallow, middle, and deep monitoring zones. The concentrations of TCE range up to 2,990 ug/L. Contaminants appear to be following the regional groundwater flow direction from the north to the south. Samples from shallow and middle zone monitoring wells located approximately 1,200 feet west of Area B have contained low levels of TCE. Pumping by the base water supply well BW-18 appears to have influenced contaminant distribution and migration by affecting local groundwater flow. Trichloroethene has been detected in samples from BW-18. A wellhead treatment system for organic compounds has been in place at BW-18 since mid-1985. Treated water from BW-18 is sampled weekly to ensure no detectable contaminants are present in the base potable water supply.

In Area C, contaminants including TCE, 1,2-DCA and total 1,2-DCE have been detected in the shallow, middle, deep "A" and deep "B" monitoring zones. The highest level of contamination has been detected immediately south of the Industrial Wastewater Treatment Plant (IWTP). Trichloroethene concentrations ranged up to 52,000 ug/L. Contaminants appear to be migrating south as a result of the regional gradient caused by pumping of on-and off-base water supply wells. Pumping of an extraction system in Area C began in August 1988. The extraction system consists of four extraction wells screened in the middle deep "A" and deep "B" monitoring zones. The present screen depths and configuration of monitoring wells in Area C do not provide data for an evaluation of the effect of groundwater extraction on local hydraulic gradients. There are limited analytical data collected since the extraction system was initiated in the summer of 1988. Data collected to-date will provide a baseline for assessments of future analytical results.

Low levels of TCE, total 1,2-DCE and chloroform (below state and federal drinking water standards) have been detected in two shallow zone monitoring wells located in the West Area. One of these wells is located approximately 2,200 feet west of McClellan AFB. The TCE concentrations in this well presently show a decreasing trend. Groundwater flow in the West Area is presently toward the base, thus there is limited potential for off-base migration of contaminants.

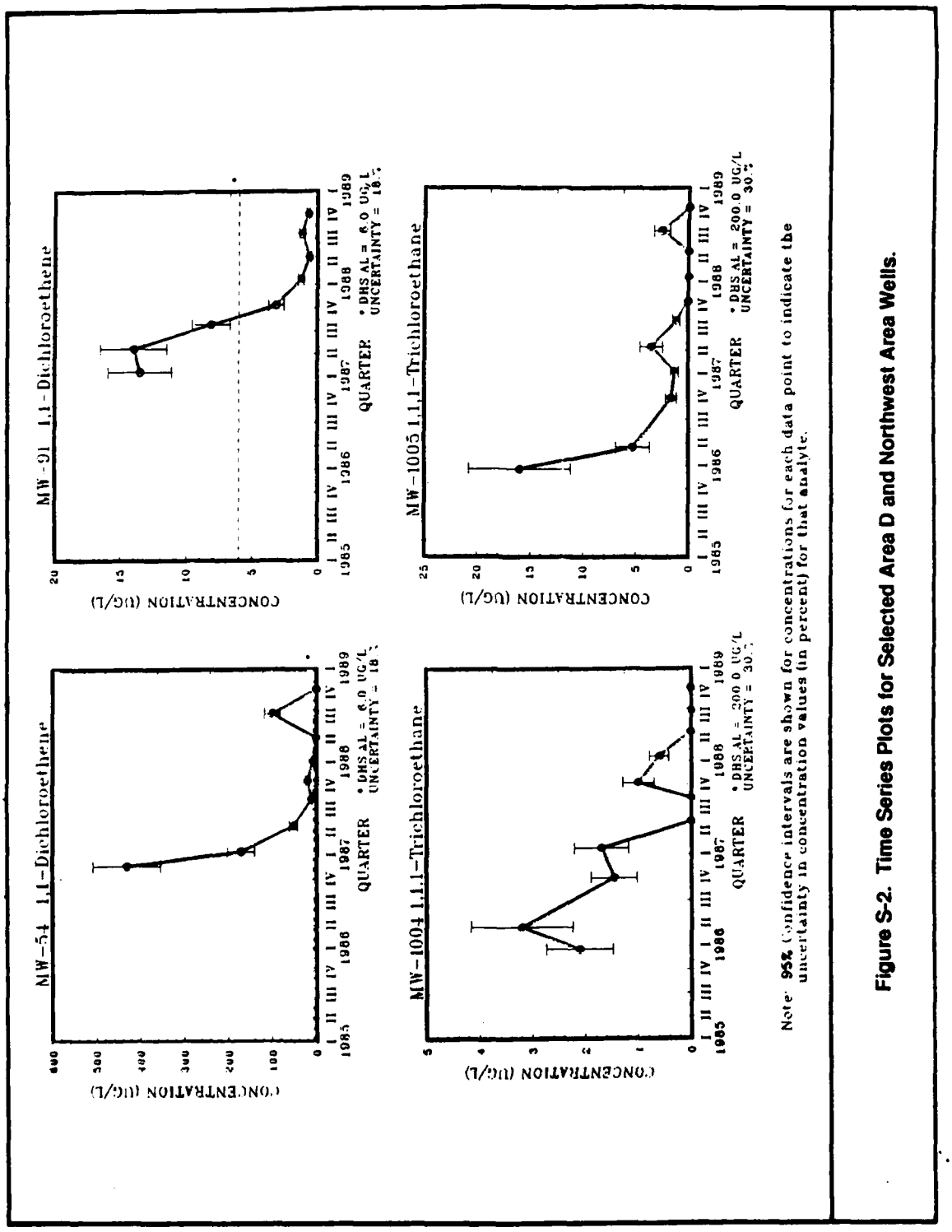
In Area D and the Northwest Area, the major factor affecting groundwater flow directions and thus, contaminants movement is the Area D extraction system. The extraction system, in operation since March 1987, appears to be effectively controlling the local groundwater flow direction, as indicated by the potentiometric surface maps for the shallow and middle monitoring zones (Plates 2 and 3). Groundwater flow directions in the deep monitoring zone also appear to be affected by the extraction system. Decreasing concentration trends have been detected for TCE, 1,1,1-TCA, 1,2-DCA, 1,1-DCE and 1,1-DCA in three off-base shallow zone monitoring wells. Decreasing concentrations have also been detected for the same analytes in three on-base monitoring wells screened in the middle and deep zones. As an example of these decreasing

trends, time series plots for three off-base monitoring wells (MW-91, MW-1004 and MW-1005) and one on-base monitoring well (MW-54) are presented in Figure S-2). Concentrations of TCE have ranged up to 26,600 ug/L in shallow zone monitoring wells during 1988.

Recommendations

Based on the findings of this report, several limitations of the existing data and monitoring well network were identified. In Area A and the Southeast Area, additional water level and analytical data sampling points are needed to define groundwater flow and the extent of contamination. In Area B and the Southwest Area, there is a lack of data to identify the potential for off-base groundwater and contaminant movement. There is also a lack of data to define groundwater flow patterns between Area B and Area C. Additional monitoring wells are needed to describe the extent of contamination and to assess contaminant movement. In Area C, additional monitoring wells are needed to determine the effectiveness of the extraction system on controlling groundwater flow and contaminant migration.

Specific recommendations to address these data limitations are not included in this report because other Remedial Investigation/Feasibility Study (RI/FS) activities have been initiated to provide additional information or because these recommendations have been made previously in other quarterly reports and data summaries. (Radian Quarterly Reports from Fourth Quarter 1987 through Third Quarter 1988, and Data Summary, October through December 1988). As part of the PGOURI (Radian, March 1989), additional monitoring wells and piezometers will be installed to provide water quality and hydrogeologic data in the areas identified above. The PGOURI (Radian, March 1989) identifies the specific locations and screened intervals of these monitoring wells and piezometers. As conditions change, such as the pumping rates or schedules of water supply wells, additional hydrologic and analytical data may be needed to define the groundwater contamination problem.



Note: 95% confidence intervals are shown for concentrations for each data point to indicate the uncertainty in concentration values (in percent) for that analyte.

Figure S-2. Time Series Plots for Selected Area D and Northwest Area Wells.

1.0 INTRODUCTION

This report is the second in a series of technical reports written periodically to interpret data obtained from the Groundwater Sampling and Analysis Program at McClellan Air Force Base (AFB), California. The previous technical report (Semiannual Informal Technical Report, September 1988) presented data collected by Radian Corporation (Radian) and other contractors from 1981 to March 1988. This report includes data collected from 1981 through December 1988.

McClellan AFB was established in 1936 as a repair depot and supply base for the War Department (predecessor of the Department of Defense). McClellan AFB was and continues to be involved in operations that require the use of industrial solvents, cleaners, chemicals, fuels, oils. and lubricants. In the past, many of these materials contained toxic and hazardous substances that were buried in waste pits located predominantly along the western edge of the base. These disposal practices were discontinued in the 1970s and in 1979 the first groundwater investigations began at McClellan AFB. Analysis of samples collected from selected on-and off-base water supply wells indicated contaminant levels high enough to shut down production from several wells. By 1985, site characterization studies confirmed that hazardous substances from past disposal activities had entered the groundwater at certain areas within the base boundaries.

In order to remediate contaminated groundwater problems, the United States Environmental Protection Agency (U.S. EPA) has established a specific sequence of actions for responding to the release of a hazardous substance into the environment. This sequence is called the remedial investigation/ feasibility study (RI/FS) process. The remedial investigation phase focuses on site characterization, which involves the collection of all necessary data to determine the magnitude and extent of contamination. The feasibility study phase involves researching and selecting suitable technologies for solving the contamination problem identified by the remedial investigation.

Activities and goals of the McClellan AFB Groundwater Sampling and Analysis Program address parts of both the Remedial Investigation and the Feasibility Study processes. The Sampling and Analysis Program was initiated to identify and evaluate the extent of groundwater contamination beneath and in the vicinity of the base boundaries. Groundwater evaluation addresses one aspect of the site characterization process in a remedial investigation. To address the feasibility study phase of the process, the Air Force implemented several interim remediation measures. These included converting residences with affected water wells from private to municipal water supplies, installing a synthetic liner and clay cap at one on-base location, and installing groundwater extraction systems at two on-base locations. Quarterly groundwater sampling and analysis, and ongoing evaluation of other remediation measures are part of a continuous effort in support of the RI/FS activities at McClellan AFB.

This technical report has five primary objectives:

- Summarize analytical and hydrologic data;
- Evaluate sampling and analytical uncertainty;
- Evaluate occurrence and migration of contaminants;
- Identify and interpret analytical and hydrologic trends; and
- Evaluate the effectiveness of the Area D and Area C extraction systems.

The first objective is to summarize analytical and hydrologic data that were collected from 1981 to the end of 1988. Analytical data that were collected by contractors who preceded Radian can only be used to qualitatively evaluate the historical occurrence of contaminants. This is because the quality assurance/quality control (QA/QC) data and procedures could not be evaluated for those data. In mid-1985, Radian began installing and sampling

monitoring wells off base and in perimeter areas of the base. Since then, all Radian-collected data have been validated using strict QA/QC procedures and can be used to quantitatively assess groundwater contamination problems at McClellan AFB. Hydrologic data collected by Radian and previous contractors can be used to estimate aquifer parameters. Greater confidence is placed on those results from multiple-well aquifer tests. Summaries of existing analytical and hydrologic data are discussed by areas in Section 3, Contaminant Distribution Migration. Meanwhile, new analytical and hydrologic data will be collected throughout 1989. The Preliminary Groundwater Operable Unit Remedial Investigation (PGOURI) has approximately 80 new monitoring wells scheduled to be installed and 42 aquifer tests planned (Radian, October 1988).

The second objective of this report is to evaluate sampling and analytical uncertainty. Some amount of uncertainty is inherent in any environmental measurement system and must be quantified before results can be considered valid. Once the data are validated, they can be used to identify increases or decreases in contaminant concentrations. Section 2, Qualification and Statistical Analysis of Data, addresses this topic.

The third objective of this report is to evaluate the occurrence and migration of selected contaminants. The most commonly detected contaminants include trichloroethene (TCE), tetrachloroethene (PCE), 1,1-dichloroethene (1,1-DCE), total 1,2-dichloroethene (total 1,2-DCE), 1,2-dichloroethane (1,2-DCA), 1,1-dichloroethane (1,1-DCA), 1,1,1-trichloroethane (1,1,1-TCA), vinyl chloride, chloroform, and carbon tetrachloride. Section 3, Contaminant Distribution and Migration, identifies by area and monitoring zone, the historic and current presence of these key contaminants. Potential sources in each area that may affect contaminant distribution, and hydrogeologic factors that influence horizontal and vertical migration of contaminants are summarized. Compilation of these data has been essential in helping to define the general areas of contamination and possible migration pathways. This information, in turn, has been used in establishing preliminary areas that may require groundwater operable units.

Once data have been validated and contaminant distribution has been evaluated, the fourth objective is to identify and interpret hydrologic and analytical trends. Hydrologic trends refer to the variations in groundwater flow directions. Locally, upward or downward vertical hydraulic gradients, horizontal hydraulic gradients, and radial flow-patterns can be determined. Analytical trends refer to statistically significant patterns of increasing or decreasing concentrations with time for the key contaminants listed above. Both hydrologic and analytical trends are addressed in Section 3, Contaminant Distribution and Migration. These trends can be interpreted to identify contaminant migration, assess the effects of pumping of water supply wells, and help evaluate future remedial measures. This objective is crucial in assessing the risks to public health and the environment, an overriding goal of the Sampling and Analysis Program and the RI/FS process.

The fifth and final objective of this report is to evaluate the effectiveness of the Area D and Area C extraction systems. The Area D extraction system has been in operation since March of 1987 and appears to be effectively controlling groundwater from flowing off-base in that area. The Area C extraction system became operational on 29 August 1988, but cannot be evaluated with the spatial locations of the present monitoring wells and the depths of the well screens. The limitations of the existing monitoring wells are discussed more thoroughly in Section 3.3. To remedy this, the installation of 25 piezometers and 4 monitoring well clusters is planned as part of the Preliminary Groundwater Operable Unit Remedial Investigation (PGOURI) (Radian, March 1989). Both of the extraction systems are reviewed in Section 3.0.

The available analytical data are used both qualitatively and quantitatively depending on when the data was collected. Radian's contract with the United States Air Force Occupational and Environmental Health Laboratory (AFOEHL) commenced in mid-1985. Prior to this, several other contractors had compiled analytical data from groundwater monitoring wells at McClellan AFB. These data have been useful in qualitatively evaluating the extent of groundwater contamination in the recent past. However, for the purpose of statistical analyses and data interpretation, only data collected

since the Second Quarter 1985 were used. The QA/QC procedures used by previous contractors could not be verified. In addition, the majority of monitoring wells have been sampled continuously only since Radian began work in mid-1985.

1.1 Study Area

The study area for the Groundwater Sampling and Analysis Program has been divided into 10 geographic areas as illustrated in Figure 1-1. Five areas are located on base and five are located off base. Designated areas are for the purpose of discussion only and are not intended to represent formal boundaries. Work is currently underway to identify areas that may require groundwater operable units. In future reports, discussions will be based on preliminary groundwater operable units instead of the 10 geographic areas.

Four general areas of historical on-base waste disposal and storage sites were identified and designated Areas A, B, C, and D during the Phase I Installation Restoration Program studies. In addition to the sites located within these areas, there are potential sources of hazardous material that are adjacent to Areas A, B, C, and D. They are designated as being within an "Adjacent On-Base Area" of Area A, B, C, or D. Other areas that are not close to or within one of the four areas are designated as "Other On-Base Areas."

The five geographic on-base areas are as follows:

- Area A and Adjacent On-Base Areas;
- Area B and Adjacent On-Base Areas;
- Area C and Adjacent On-Base Areas;
- Area D and Adjacent On-Base Areas; and
- Other On-Base Areas.

The five geographic off-base designations have been chosen for the purpose of discussion only. These designations are not meant to imply that groundwater contaminants detected within these areas have been traced to any

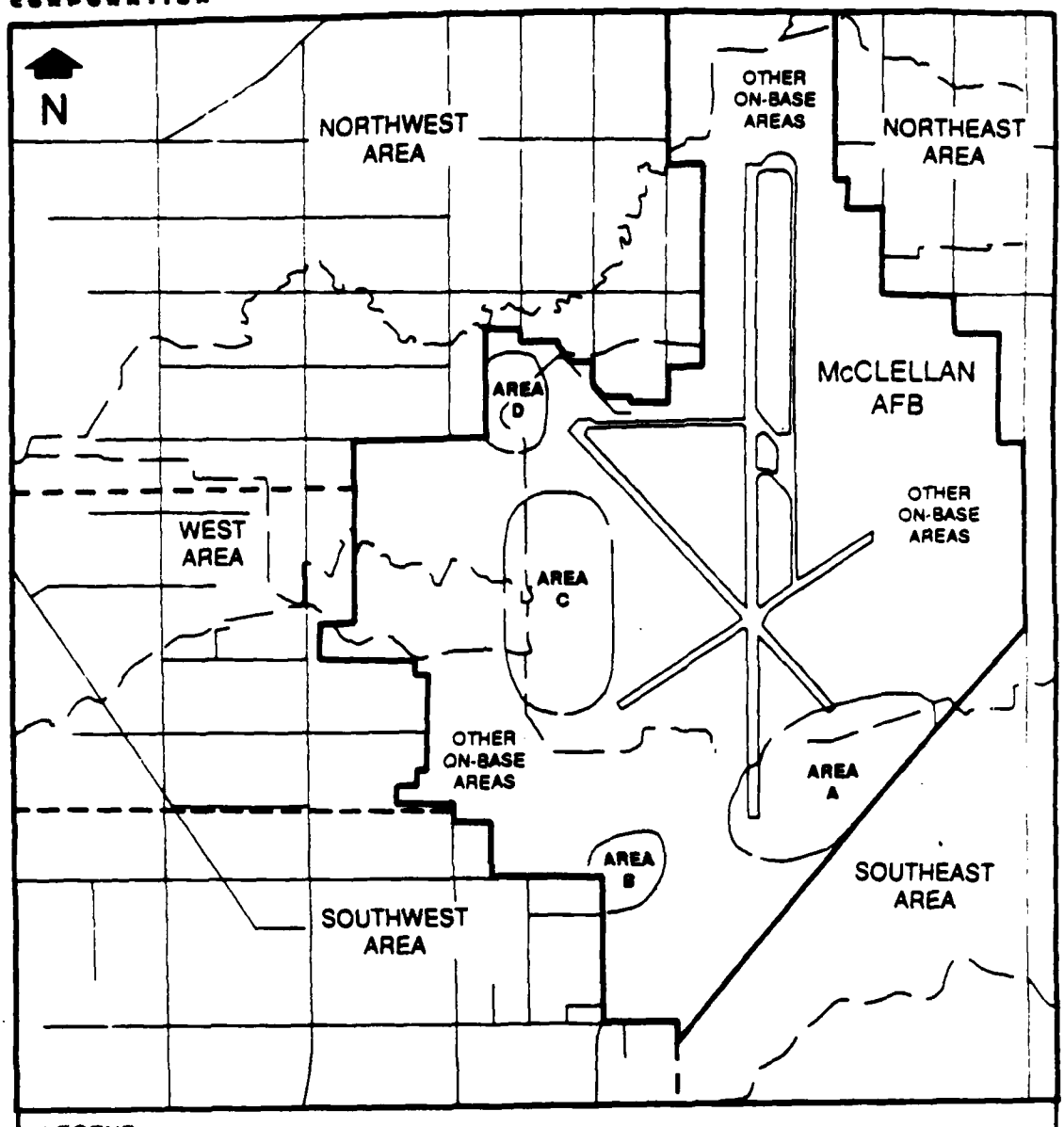


Figure 1-1. Ten Geographic Designations of the Study Area.

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particular on-base area. The five geographic off-base areas are as follows:

- Northeast Area;
- Northwest Area;
- West Area;
- Southwest Area; and
- Southeast Area.

1.2 Local Geology

McClellan AFB is located near the eastern edge of the Sacramento Valley in northern California. The Sacramento Valley is a large north-south trending synclinal trough filled with approximately 60,000 feet of sediments. At depth the sedimentary deposits are wedge-shaped thicken from east to west, and dip gently toward the valley axis. At the surface the valley floor is characterized by low topographic relief. The present land surface across the base slopes less than 1° from the eastern to western boundaries.

The base is located seven miles northeast of the intersection of two major drainage systems, the Sacramento and American rivers. The Sacramento River flows from north to south and is located six miles west of the base. The American River flows from northeast to southwest and is located seven miles south of the base. Meandering of these drainage systems over the past 5 million years has created complex stratigraphic relationships beneath the base.

1.2.1 Soils

There are several types of soil in the vicinity of McClellan AFB (USDA, 1986). The surface soils (less than 5 feet deep) are composed of mixed alluvium derived from a variety of sources, mainly granitic rock. Most of the soils have been in place long enough to have developed a silica cementation ("hardpan") at a depth of 20 to 40 inches. Surface textures are dominantly

loam and sandy loam, underlain by finer-textured loam and sandy clay loam horizons over the hardpan. Soil permeabilities range from 0.6 to 2.0 inches per year, depending on local conditions. The local soils are generally classified as San Joaquin fine sandy loam, Fiddyment fine sandy loam, or San Joaquin-Xeralfic Arents complex. These soils have a low shrink-swell potential, a slight erosion potential, and a very low available water capacity of approximately 0.10 to 0.14 inches of water per inch of soil. However, in many on-base areas natural soil conditions are no longer represented due to past excavation and construction activities.

1.2.2 Geologic Units

Figure 1-2 is a schematic east-west cross section of the Sacramento Valley showing the approximate location of the base with respect to major geomorphic features in the Valley. Of primary concern to this report are the Victor, Fair Oaks, Laguna, and Mehrten formations. They contain fresh water aquifers that are accessed by the base and have experienced water quality degradation, probably from on-base sources of contamination.

Two regional geologic sections have been prepared to illustrate the hydrogeology beneath the base. The locations of these sections are shown on Figure 1-1. Figure 1-3 is a southwest-northeast trending profile which runs from base water supply well 18 (BW-18) in Area B to MW-71 in Area A. Figure 1-4 is a south-north trending profile which runs from MW-64 in Area B to MW-58 in Area D. These profiles illustrate approximately 300 feet of geologic section consisting of a heteogeneous mixture of variably sorted sands, silts, and clayey silts. According to the Department of Water Resources (Bulletin 118-3, 1974), deposits dominated by clay are rare. These sediments were deposited by intricately braided streams on flood plains and low relief alluvial plains (Department of Water Resources, Bulletin 118-3, 1974). Sands grade laterally and vertically into finer grained deposits and are very difficult to correlate stratigraphically. In this kind of depositional environment aquifers are typically connected in highly irregular patterns

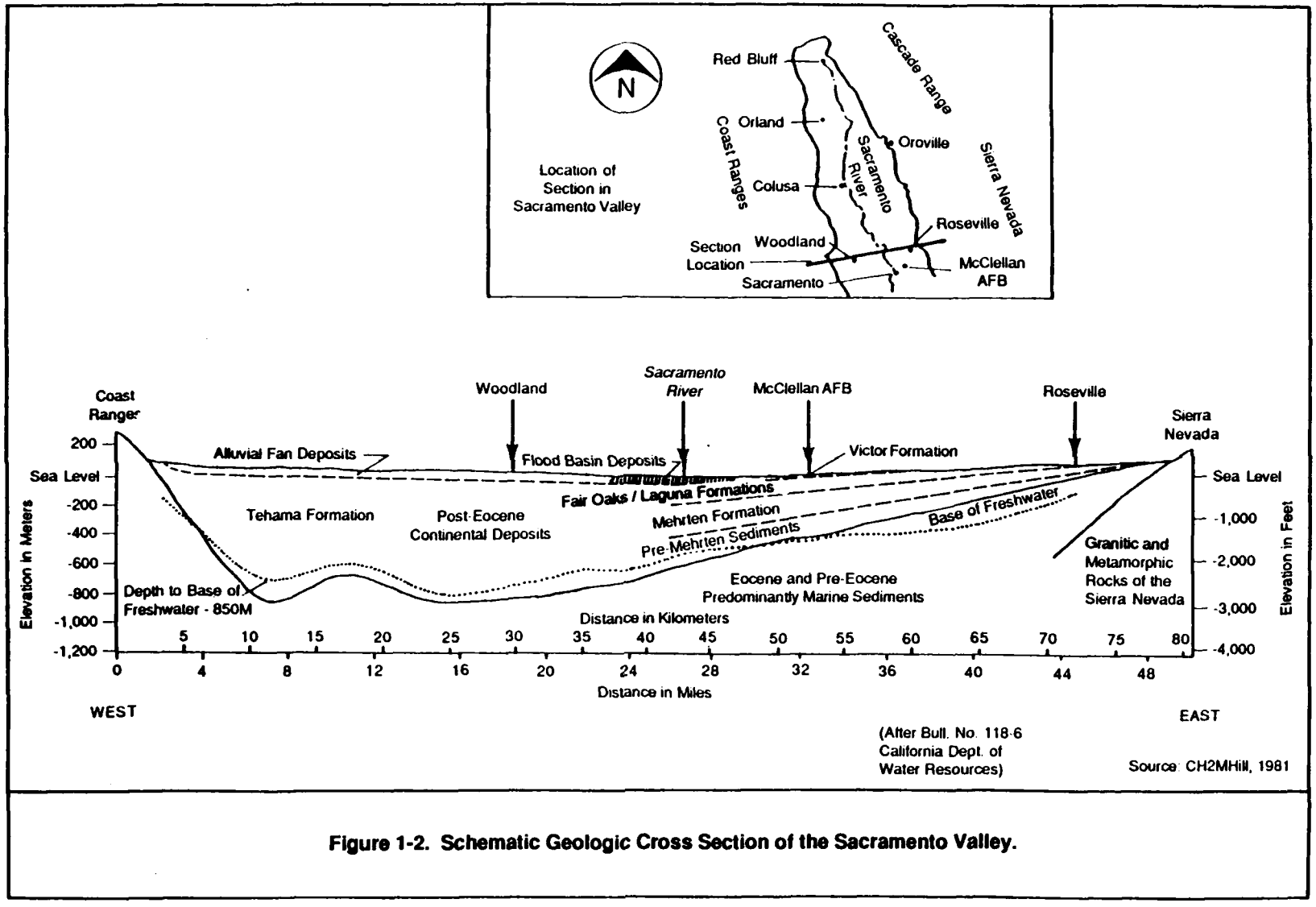
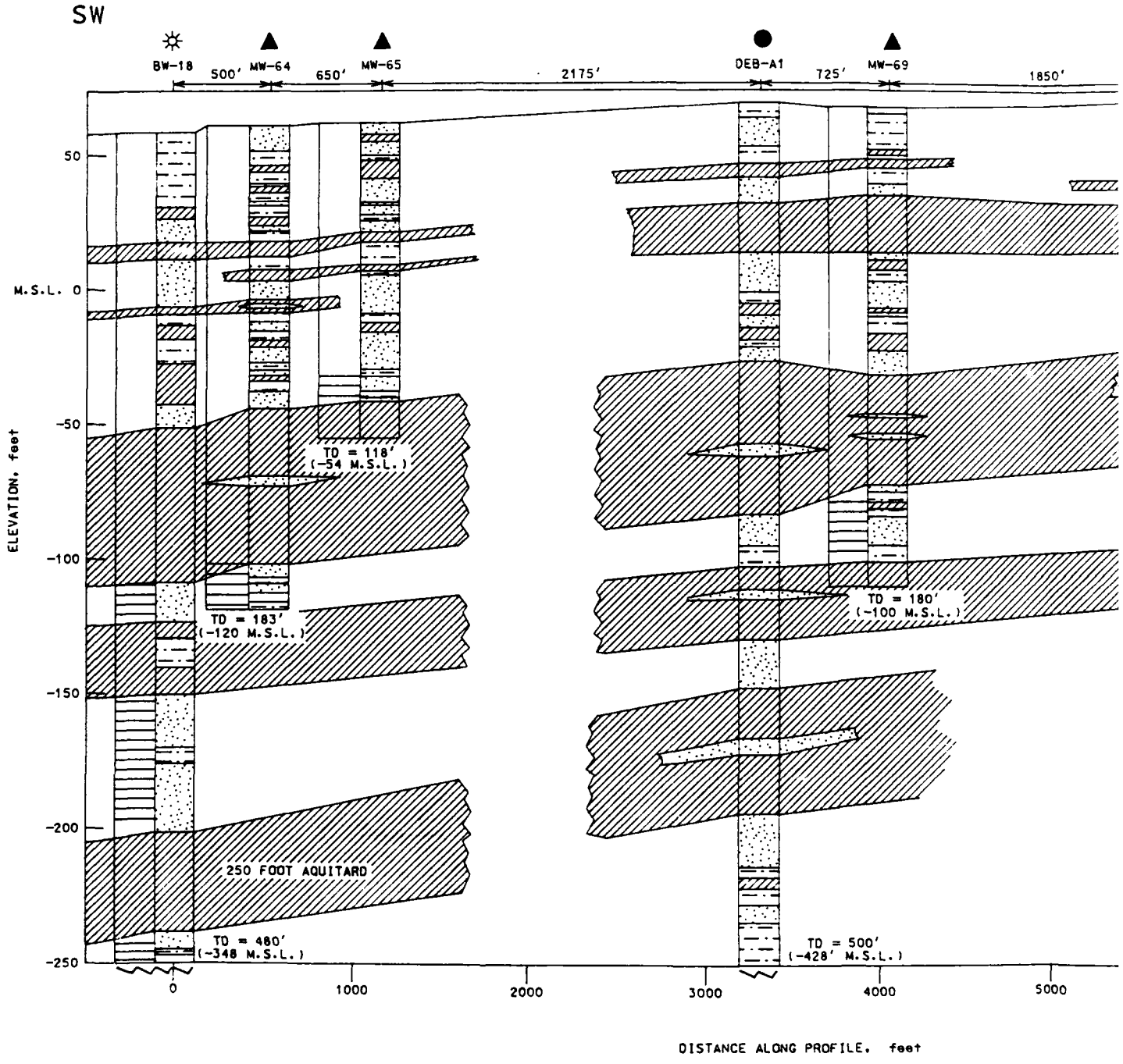


Figure 1-2. Schematic Geologic Cross Section of the Sacramento Valley.


SW
BW-18
500'
MW-64
650'
MW-65
2175'
DEB-A1
725'
MW-69
1850'
50
M.S.L. 0
-50
-100
-150
-200
-250
ELEVATION, feet
TD = 118'
(-54 M.S.L.)
TD = 183'
(-120 M.S.L.)
TD = 180'
(-100 M.S.L.)
250 FOOT AQUITARD
TD = 480'
(-348 M.S.L.)
TD = 500'
(-428' M.S.L.)
0
1000
2000
3000
4000
5000
DISTANCE ALONG PROFILE, feet

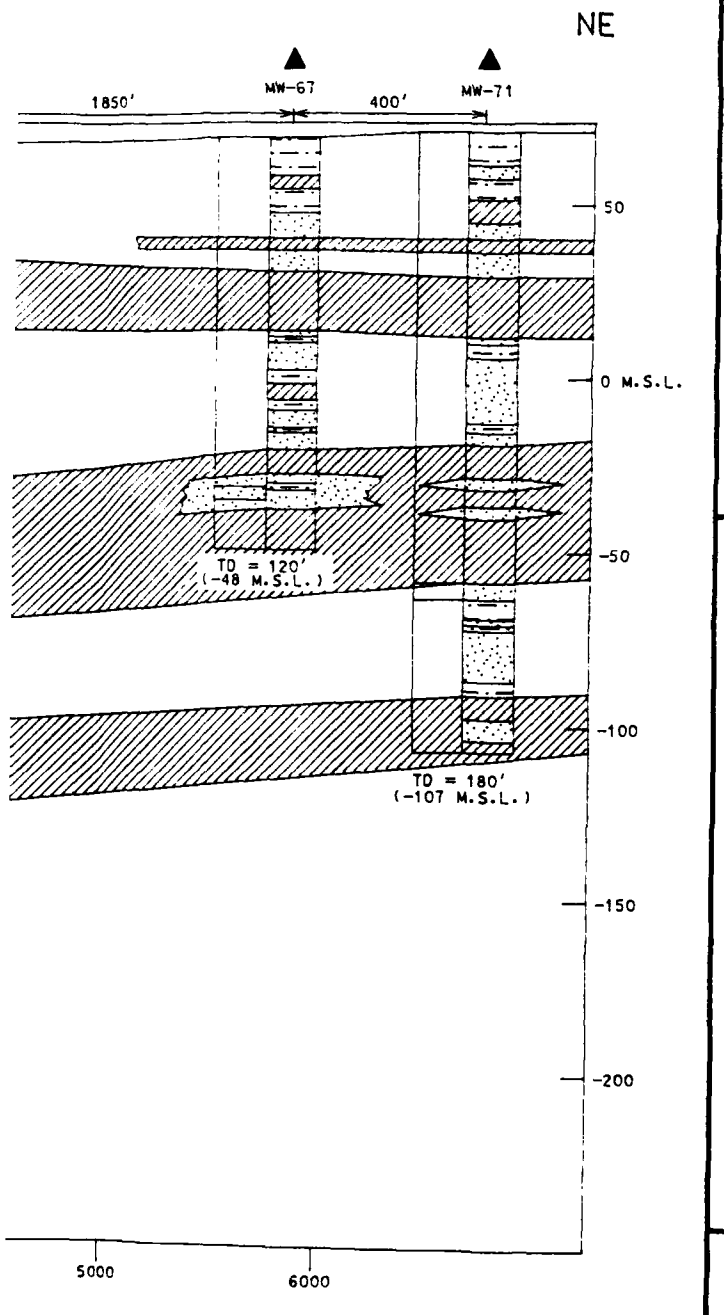


Figure 1-3.
Subsurface Profile Regional Section:
Area A to Area B

LEGEND

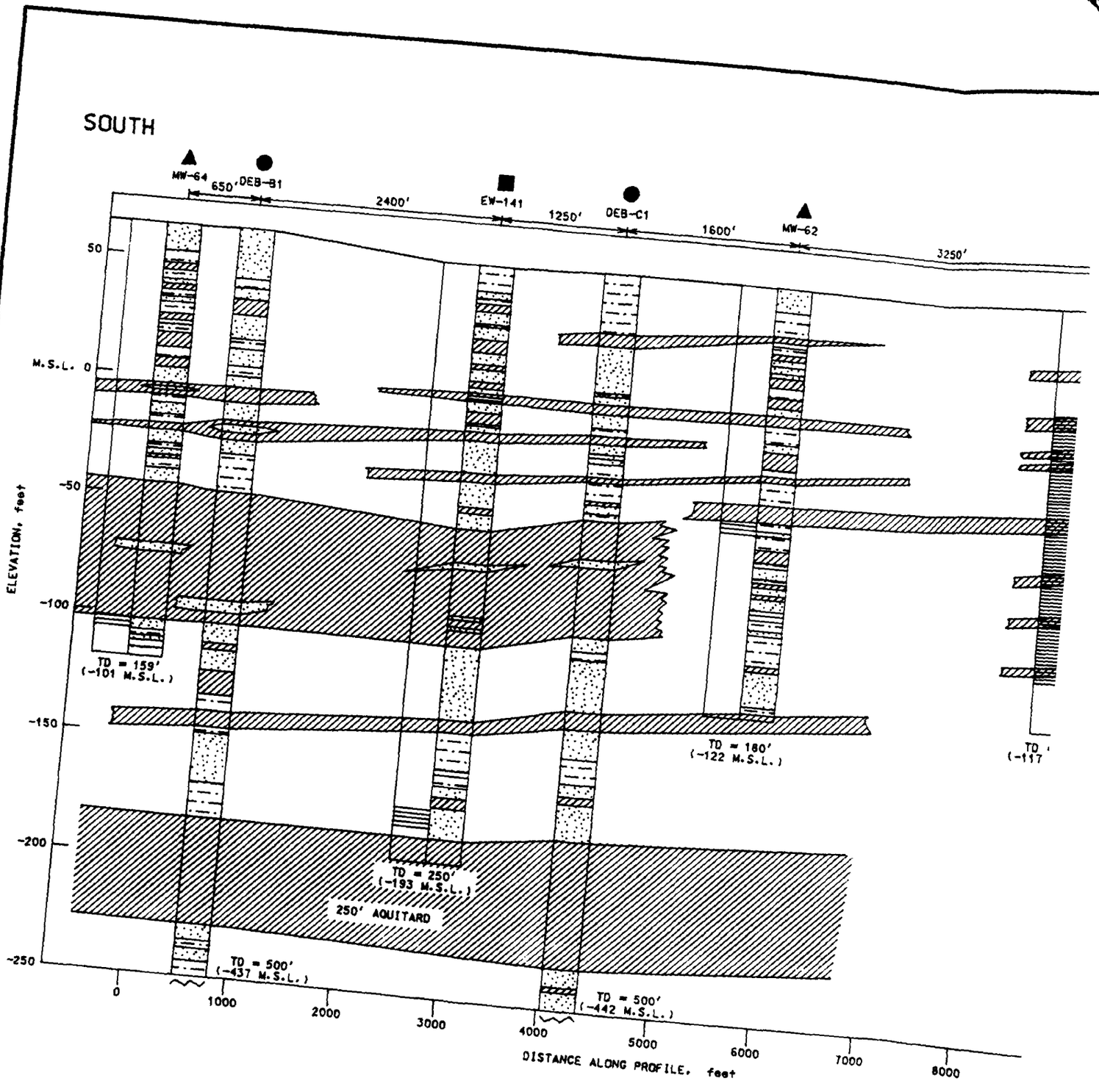
- ▲ MONITORING WELL (MW)
- ■ EXTRACTION WELL (EW)
- ☼ BASE PRODUCTION WELL (BW)
- M.S.L. MEAN SEA LEVEL
- TD TOTAL DEPTH
- SAND
- SILT
- CLAYEY SILT
- NO DATA
- SCREEN INTERVAL

SCALE

HS: 1" ≈ 840'
VS: 1" ≈ 54'
VE ≈ 15.5

GENERATED BY: [signature] 7-20-89
PROJECT REVIEW: Mary McCurdy 7-21-89
PEER REVIEW: Lyle P. Thompson 7-21-89

RADIAN CORPORATION


SOUTH
MW-64
650'
DEB-B1
2400'
EW-141
1250'
DEB-C1
1600'
MW-62
3250'
50
M.S.L. 0
-50
-100
-150
-200
-250
ELEVATION, feet
TD = 159'
(-101 M.S.L.)
TD = 180'
(-122 M.S.L.)
TD = 250'
(-193 M.S.L.)
250' AQUITARD
TD = 500'
(-437 M.S.L.)
TD = 500'
(-442 M.S.L.)
0
1000
2000
3000
4000
5000
6000
7000
8000
DISTANCE ALONG PROFILE, feet

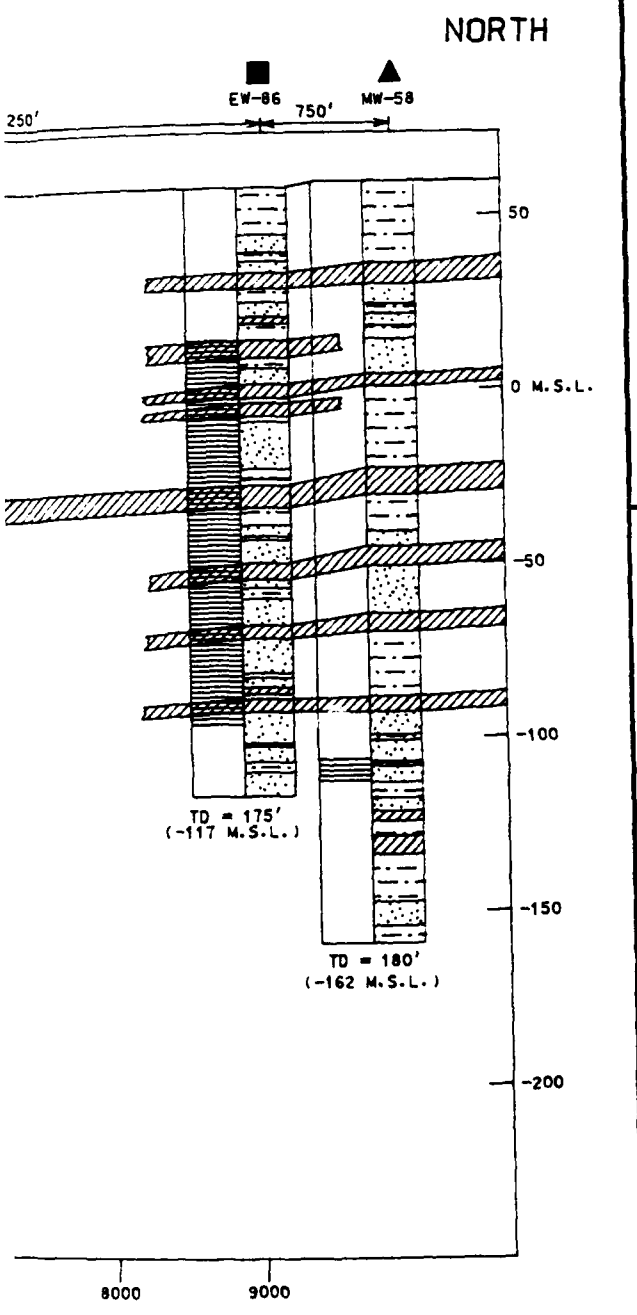


Figure 1-4.
Subsurface Profile Regional Section:
Area D to Area B

LEGEND

- ▲ MONITORING WELL (MW)
- ■ EXTRACTION WELL (EW)
- ☼ BASE PRODUCTION WELL (BW)
- M.S.L. MEAN SEA LEVEL
- TD TOTAL DEPTH
- SAND
- SILT
- CLAYEY SILT
- NO DATA
- SCREEN INTERVAL

SCALE

HS: 1" ≈ 1250
VS: 1" ≈ 54
VE ≈ 23

GENERATED BY: [signature] 7-20-89
PROJECT REVIEW: Marie McCrail 7-21-89
PEER REVIEW: Lyle P. Thompson 7-21-89

RADIAN CORPORATION

Clayey silts, because of their flood stage mode of deposition, form more laterally extensive units.

Figures 1-3 and 1-4 show two important features about the hydrogeology beneath McClellan AFB. From approximately -180 to -250 feet mean sea level (msl) there is a fine-grained deposit designated as a "250-foot" aquitard. It is present in Areas A, B, C and the Northeast, but no wells have been drilled deep enough in Area D to confirm its presence in the northwest part of the base. From approximately -40 to -100 feet msl there is another fine grained zone that can be correlated in Areas A, B, and C, but not in Area D. Contaminants have not been contained by this upper fine grain sequence. However, investigations that are part of the PGOURI (Radian, March 1989) will help identify how effective the 250-foot aquitard has been in preventing contaminant migration to deeper parts of the section.

1.3 Local Groundwater Hydrology

Near McClellan AFB, groundwater is extracted primarily from the Fair Oaks-Laguna and Mehrten formations. The water table is typically 80 to 110 feet below the ground surface, with annual fluctuations as large as 2 feet. Groundwater recharge in the eastern portion of the vicinity of McClellan AFB occurs as a result of infiltration from streams, rivers, rainfall, irrigation, runoff from the foothills of the Sierra Nevada, and groundwater flow. Groundwater discharge in the Sacramento Valley occurs predominantly through pumping.

The aquifer system beneath the base is comprised of a succession of relatively permeable sandy deposits interbedded with less permeable deposits of silts and clayey silts. The water-bearing strata above 120 feet are generally unconfined; the water-bearing strata below 120 feet are generally semi-confined. During aquifer tests, hydraulic responses have been measured in

observation wells screened at different depths than the depth from which the groundwater was extracted. Strata within the unconfined zone and semi-confined zones show varying degrees of interconnection because of the heterogenous nature of the local sedimentary deposits and the absence of a laterally extensive, low permeability, confining layer. The lateral discontinuity and facies changes within the semi-confining layers allow contaminants to move vertically between the various waterbearing zones.

1.3.1 Definition of Groundwater System

Four groundwater monitoring zones have been defined based on the elevation of monitoring well screens and correlation of geologic logs. These zones were designated to provide control for groundwater-level measurements, to determine horizontal and vertical groundwater gradients, and to monitor the extent of groundwater contamination. Within each of these zones are coarser-grained, high-permeability layers separated by low-permeability layers. Textures of the layers range from well-sorted sands to poorly sorted sands, silts, and clayey silts.

These zones, designated by elevation and not by separate and distinct hydrogeologic units, are:

- Shallow: above -55 feet msl;
- Middle: between -55 and -100 feet msl;
- Deep "A": between -100 and -150 feet msl; and
- Deep "B": below -150 feet msl.

Four monitoring wells have been screened at depths greater than -150 feet msl. Three of the monitoring wells are located in Area C and one is located in Area B. The designation of deep "A" and deep "B" monitoring zones is based on limited interpretations of the hydrogeology and differences in hydraulic heads.

In the Preliminary Groundwater Operable Unit Remedial Investigation (PGOURI) Work Plan (Radian, October 1988), Radian has proposed a redefinition and expansion of the four monitoring zones. Until work is completed under the PGOURI and the new definitions can be evaluated with the new data, the Sampling and Analysis Program will continue to use the shallow, middle, deep "A", and deep "B" monitoring zone conventions.

The convention of the Sampling and Analysis Program is compared below to the proposed PGOURI defined zones:

Comparison of Zones

Sampling and Analysis Program		PGOURI	
Shallow Zone:	above -55 feet msl	A Zone	-30 to -80 feet msl
Middle Zone:	-55 to -100 feet msl	B Zone	-81 to -130 feet msl
Deep "A" Zone:	-100 to -150 feet msl	C Zone	-131 to -210 feet msl
Deep "B" Zone:	below -150 feet msl	D Zone	-211 to -280 feet msl
		E Zone	-281 to -310 feet msl

Monitoring wells that are sampled in the Sampling and Analysis Program are part of a groundwater monitoring network. The network has evolved since 1985 and presently includes 129 wells, 85 are on base and 44 off base. Monitoring wells are added or removed from the network sampling program as warranted by data collected each quarter. Decisions on which wells are included in the network are made jointly by Radian, AFOEHL, McClellan AFB Environmental Management Office, and concerned regulatory agencies.

Appendix A-1 lists the McClellan AFB Groundwater Monitoring Network wells in the 10 geographic areas. Appendix A-2 and A-3 list well-specific data for network monitoring wells and extraction wells, respectively.

All on-base monitoring wells have been assigned numbers less than 1000. All off-base monitoring wells, with four exceptions, have been assigned numbers greater than or equal to 1000. The four exceptions are MW-28D and MW-28S, located in the Southeast Area, and MW-74 and MW-76 located in the Northwest Area.

In the future, monitoring and extraction wells will be included in "Groundwater Operable Unit Areas" instead of the designated and adjacent areas currently in use. In March 1989 preliminary operable units were selected based on the geographic grouping of sites, the impact of water supply wells on groundwater flow, the area size in which successful remediation can be expected, and the historical geographic designations. When the PGOURI (Radian, March 1989) is completed and all available data is examined, the operable unit boundaries will be formalized. At that time, monitoring and extraction well numbers will not change, though the area in which they are located will be called an operable unit. These units will better reflect the influences on groundwater flow and contaminant migration.

1.3.2 General Flow Patterns Across the Base

During the early 1900s, groundwater in the vicinity of McClellan AFB flowed from areas of recharge in the northeast to areas of discharge in the southwest in response to the natural hydraulic gradient. Since the turn of the century, the local extraction of groundwater for irrigation, industrial, municipal, and domestic use has dramatically altered groundwater levels and gradients. By 1960, groundwater pumping had increased such that the rate of withdrawal began to exceed the rate of recharge, and groundwater levels began to decline. Under these conditions, local horizontal gradients underwent marked changes in direction and magnitude, and local groundwater depressions

began to develop in areas of maximum withdrawal. At this time, a major regional pumping depression is approximately centered just south of the base, as shown in Figure 1-5. This depression has resulted in a change in the regional groundwater flow direction for this area such that flow is now generally to the south.

The location of monitoring wells that have been installed on and in the vicinity of the base are shown on Plate 1. Currently, groundwater levels in 134 monitoring and extraction wells are measured regularly as part of the Groundwater Sampling and Analysis Program. Each monitoring well has been grouped into one of the four monitoring zones (shallow, middle, deep "A", and deep "B") described previously. Groundwater level measurements from the monitoring wells are used to produce potentiometric surface maps for three monitoring zones. A potentiometric map is not generated for the deep "B" zone because there are only four data points. The potentiometric maps are used to determine groundwater flow directions, including local deviations from the regional flow pattern.

The regional groundwater flow direction beneath the base is south-southwest. Over the last nine quarters (fourth quarter 1986 to fourth quarter 1988) groundwater flow directions appear to show deviations from the local flow in two locations in and around the base. One deviation is near the Area D extraction system whose influence is evident in the northwestern portion of the base. Potentiometric surface maps indicate that the extraction system is inducing groundwater to flow toward the extraction wells. The other deviation is in the southern portion of the base where groundwater is converging towards BW-18. There are other active water supply wells in the eastern portion of the base (BW-10, BW-20, and BW-29), and to the south and southwest of the base whose influence cannot currently be defined. This is due to the limited number of monitoring wells near them. New wells to be drilled under the PGOURI (Radian, March 1989) will help to better evaluate groundwater flow directions in those areas.

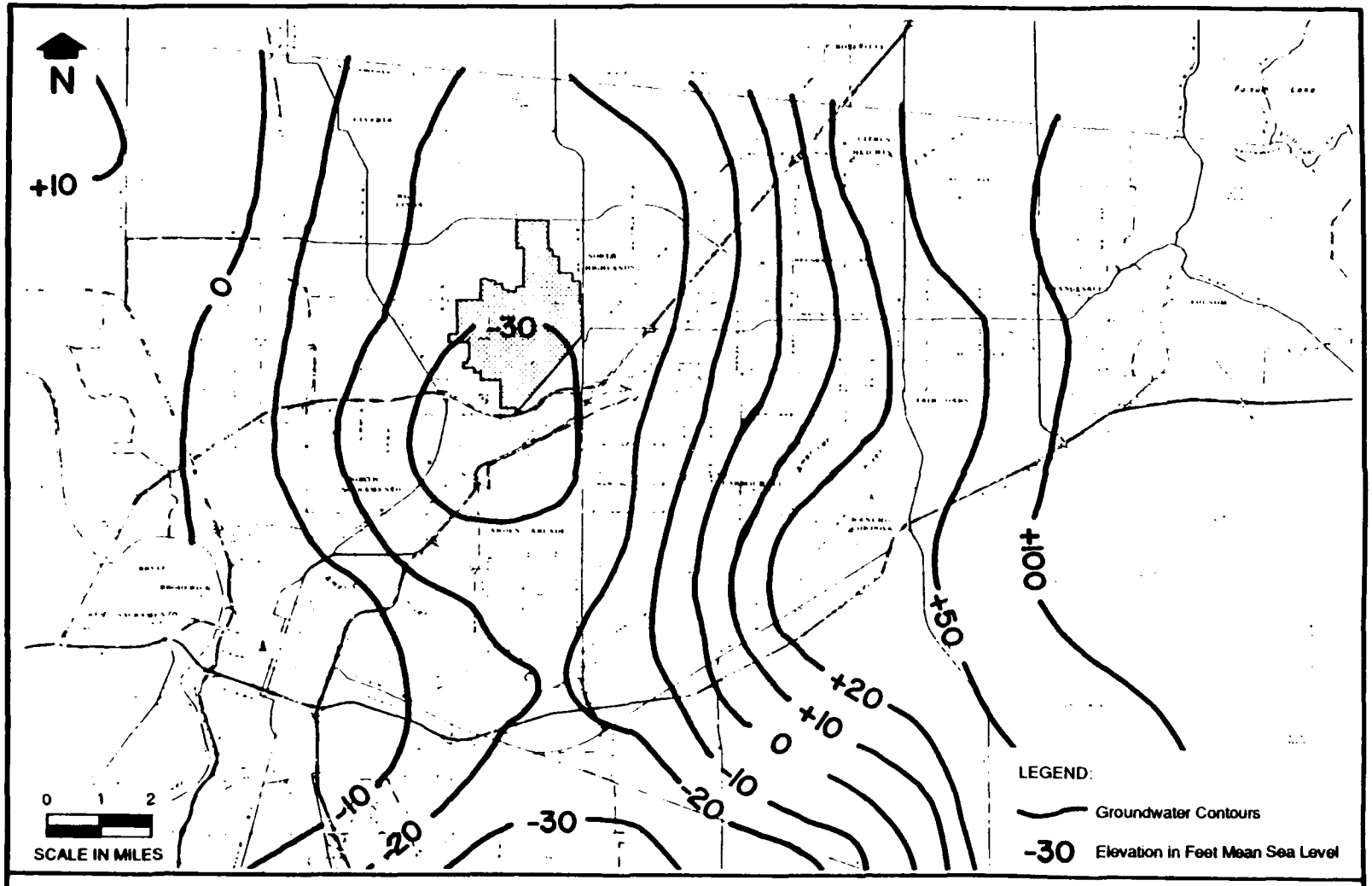


Figure 1-5. Groundwater Depression Beneath North Sacramento County Created by Supply Well Pumping, Spring 1988.

SOURCE: Water Resources Division, Department of Public Works, County of Sacramento

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In order to show these changes with time, a suite of potentiometric maps for each of the three monitoring zones have been developed using water level data from October 1986, October 1987, January 1988, and October 1988. These are shown on Plates 2, 3, and 4. The shallow monitoring zone suite (Plate 2) shows that the general groundwater flow is towards the south and has not changed significantly since October 1986. The effect of the Area D extraction system is evident on the October 1987, January 1988, and October 1988 maps. Comparison of water table elevations from year to year indicate that the groundwater elevation has been declining about two feet per year. The middle monitoring zone suite (Plate 3) also shows a general groundwater flow direction from north to south across the base. The effects of the Area D extraction system and pumping of on-base and off-base water supply wells in the south are shown on the maps beginning in October 1987. Based on the potentiometric maps of the middle monitoring zone, pressure heads in the middle zone have been declining between 2 and 5 feet per year. Maps for the deep monitoring zone suite (Plate 4) all show similar flow patterns over the past two years. The Area D extraction system appears to be affecting flow in the deep monitoring zone, even though the wells are screened in the shallow and middle monitoring zones. Pressure head values appear to be declining between three and five feet a year.

2.0 STATISTICAL ASSESSMENT OF THE ANALYTICAL DATA

Two major objectives were accomplished through the statistical analysis of the analytical data (the concentrations of analytes detected in groundwater samples) from McClellan Air Force Base (AFB). The first objective was to assess the quality of the analytical data in terms of the uncertainty in the reported concentrations of analytes. The quality of the data was determined to be sufficient for use in determining the extent of contamination in Section 3.0, Contaminant Distribution and Migration. The second objective was to characterize the analytical data to determine the statistical methods that are appropriate for trend analysis of this data. This study focuses on describing the distribution of the data and determining the presence or absence of seasonality. Then, an overview of the methods chosen to identify the presence and magnitude of trends in the data is presented. The following paragraphs provide brief summaries of the major results and references to more detailed discussions of the methods and results.

Uncertainty Estimate Results

In Section 2.1, Data Quality Assessment, precision estimates are reported for 8 of the 10 key analytes. Because any measurement has some degree of error in the reported results, the processes of obtaining and analyzing groundwater samples produce results with some degree of deviation from the true analyte concentrations of the groundwater sample. The uncertainty introduced by both sampling procedures and laboratory procedures was determined from field duplicate samples. The precision was examined for the concentrations of specific analytes including trichloroethene (TCE), 1,1-dichloroethene (1,1,-DCE), 1,1-dichloroethane (1,1-DCA), total 1,1-dichloroethene (total 1,2-DCE), tetrachloroethene (PCE), chloroform, 1,2-dichloroethane (1,2-DCA) and 1,1,1-trichloroethane (1,1,1-TCA). The uncertainty estimates, ranging from 15 to 29 percent, are presented in Figure 2-1. Two of the key analytes, vinyl chloride and carbon tetrachloride, had too few quantitative pairs of results to determine the uncertainty.

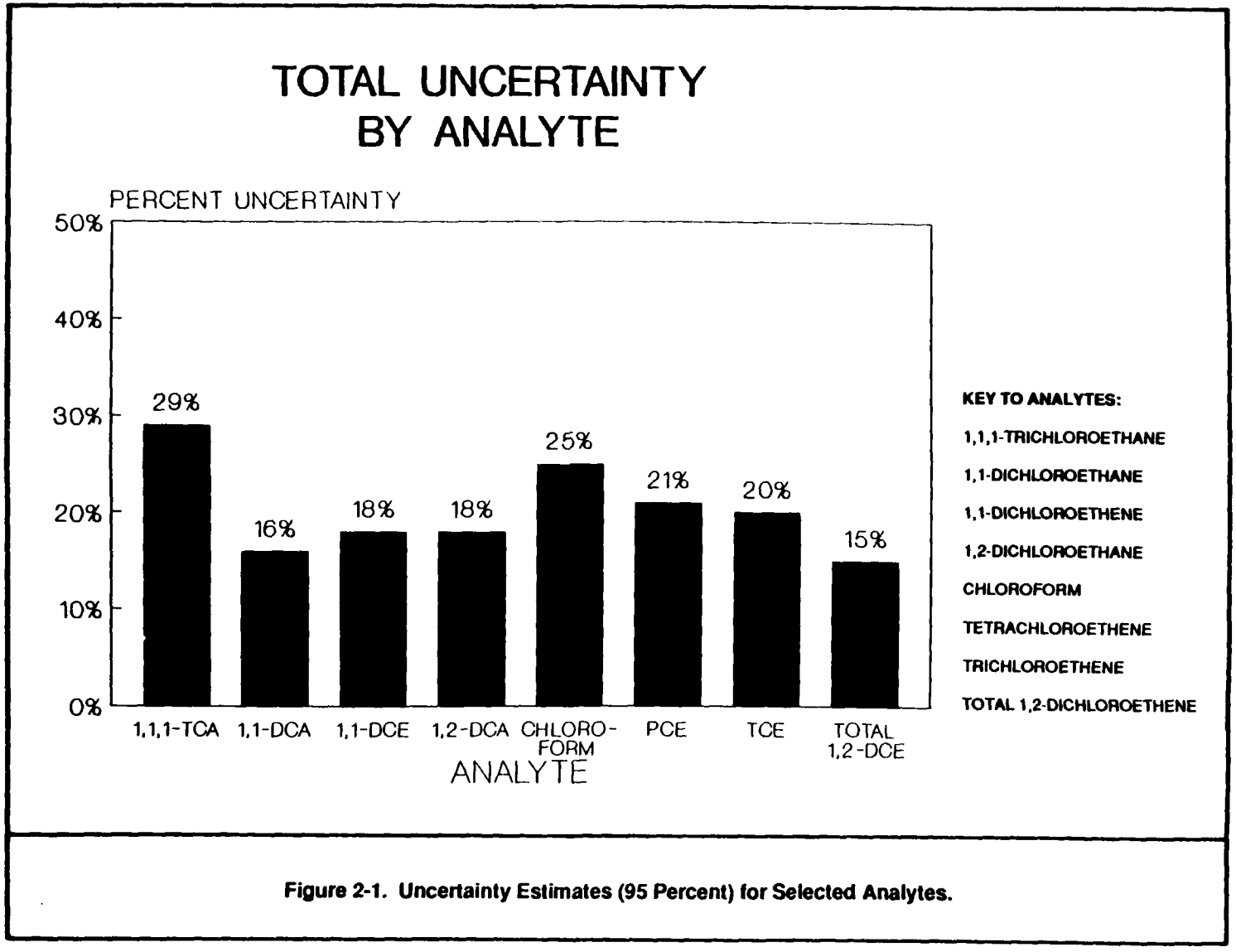


Figure 2-1. Uncertainty Estimates (95 Percent) for Selected Analytes.

In application, these uncertainty estimates help distinguish between real changes and random fluctuations in concentrations. The uncertainty estimate, expressed as a percent of the reported value, can be used to compute 95 percent confidence intervals for reported results for any of these analytes. For example, trichloroethene (TCE) has an uncertainty estimate of ±20 percent; therefore, a reported concentration of 15 ug/L would have a 95 percent confidence interval for the actual concentration of TCE in the groundwater sample ranging from 12 to 18 ug/L. This means that results over a period of time for TCE in a particular monitoring well would have to differ by more than ±20 percent to establish that a trend is present or that a change in the water quality has occurred. The confidence intervals are included in the time series plots in Section 3.0, Contaminant Distribution and Migration.

Other statistical analyses were performed to show that these estimates were applicable for the entire range of concentrations, as well as for all sampling periods. A statistical analysis was also performed to separate the portion of the uncertainty contributed by the sampling process from the portion contributed by the analytical process. In addition to precision, the accuracy of the analytical data was assessed using the results of matrix spike analyses.

From these analyses, Radian concludes that the sampling and analysis protocols have been followed consistently. As a consequence, the analytical data is of high quality. Furthermore, the amount of uncertainty in the results has been controlled, and in fact, is well below the established criteria of 50 percent in the Quality Assurance Project Plan (QAPP) (Radian Draft, October 1988). A complete description of the methods and results for these statistical analyses is contained in Section 2.1.

Trend Analysis Discussion

One of the primary uses of the analytical data for this report was the identification of either increasing or decreasing trends in the analyte concentrations for the monitoring wells. The presence or absence of trends is information that can be used to interpret the migration of contaminants.

There are several methods that can be used for trend analysis and the choice of methods depends on factors such as the distribution of the data and the existence of seasonal cycles in the data.

In Section 2.2, Description of Data and Statistical Techniques, the data were described as non-normal (does not fit a bell-shaped curve) and were characterized by missing values (sampling events when the well was not sampled) and censored values (values less than the detection limit) which is common for groundwater data. In addition, it was shown that there is insufficient evidence at this time that the concentrations change seasonally.

Based on these findings, the Mann-Kendal test for trend was chosen to determine which monitoring wells show trend over time. The Mann-Kendall test is distribution free and allows missing and censored data points. Then, the magnitude of the trend was estimated by two methods. The magnitude is the change in concentrations per sampling period and indicates whether the trend is steep or only slight. The first method was Sen's nonparametric estimator of slope which produces an estimate using the median change per sampling period. The second method, developed by Gilbert, provides a 90 percent confidence interval for the change per sampling period. Gilbert's method was applicable for wells with 10 or more data points. This interval provides a range of values for the actual rate of change which is preferable to Sen's estimate because the concentrations do not change at a constant rate. It should be noted that even concentrations of the wells that do not show trends have fluctuations in concentrations, but the fluctuations are random. The details of the application of these methods can be found in Section 2.2

As a result of the trend analysis, 43 analyte concentration trends were identified in 23 wells. Fifteen trends were increasing while 28 were decreasing. Seven wells in Area D showed decreasing trends for several analytes. In general, trends detected in other areas of the base appear to be isolated occurrences. The results and interpretations are included in the discussions of the different areas in Section 3.0, Contaminant Distribution and Migration.

The paragraphs above have provided an overview of the statistical approach and major results. The subsections below describe, in detail for those interested, the assumptions, methods and results of the statistical assessment of the analytical data. The results of the assessment are incorporated into the discussions of Section 3.0, Contaminant Distribution and Migration.

2.1 Data Quality Assessment

The quality of data used as a basis for interpretations must be established in order for the interpretations to be valid. In order to obtain high quality data, Radian has developed well-defined protocols for sampling and validating data. All analytical data cited in this report have been evaluated according to guidelines established by either the QAPP or previously established guidelines for the sampling period in which they were collected. The process of data quality assessment consists of the following steps: 1) The data are reviewed for accuracy in transcription and reporting; 2) The types and numbers of duplicate and blank QA/QC samples (i.e. field and matrix spike duplicates, field blanks, trip blanks, ambient blanks, matrix spikes, and surrogate spikes) are checked against the required frequency; 3) Individual QA/QC sample results are compared to the quality assurance objectives set forth in the QAPP; 4) Any data not meeting the required objectives are qualified in the appropriate manner.

Even though the procedures outlined above are strictly followed, there are several types of uncertainty inherent in the sampling and analytical processes.

Any sampling and measurement effort will have an unavoidable component of error. An error in reported values can occur as a result of bias and imprecision. Furthermore, for each of these types of error, there can be both random and systematic components. Random error is defined as an unpredictable error in sign and magnitude, and is due to inherent variability

in the process. Systematic error contributes constant error or bias to results that may agree precisely among themselves. Part of the function of QA/QC is to reduce the impact of both systematic and random errors to the final data. While random error cannot be totally eliminated, it can be minimized by adherence to standard sampling and analysis protocols. Systematic error is detected from the QA/QC data, and corrective actions can be taken to remove it or to mitigate its effects.

One of the primary objectives of data quality assessment is to determine the precision of the data. The precision is measured through the use of duplicate samples for assessment of total variability and the use of duplicate analyses for assessment of laboratory variability. The tool used is the relative percent difference (RPD) between the duplicate pair. The RPD is calculated by dividing the difference between the two results by their average.

Several factors may influence the precision of a groundwater sample. Following are several possible factors for influencing the precision in the sampling portion of the process:

- Improper well construction or maintenance;
- Failure to follow correct sampling protocol;
- Field equipment contamination;
- Matrix interferences;
- Sampling mechanism bias;
- Labeling errors; and
- Incorrect storage.

Every step in the sampling process may contribute some uncertainty that can be manifested in the RPD. In addition, laboratory processes may contribute to uncertainty in the reported results. Some possible factors arising from the sample analysis process are:

- Loss of analytes due to improper storage and aging;

- Cross-examination;
- Matrix interferences;
- Aged standards; and
- Reporting errors--transcriptions, calculating, etc.

It is often very difficult, if not impossible, to track down a specific assignable cause for a high RPD. Indeed, isolated high RPDs may indicate random error, not a systematic flaw. When they appear repeatedly, then an assignable, systematic cause may be found. Discussions relating to this type of investigation can be found in each quarterly Data Summary.

While many sampling errors can cause an across the board systematic effect on all analytes, some errors can affect some analytes more than others. For example, if a volatile organic aromatic (VOA) sample were incorrectly stored, it is possible that the more volatile constituents could be lost while the less volatile ones remain. Some compounds are more photochemically labile than others and are candidates for photodecomposition should the sample be exposed to sunlight. The sorption properties of various compounds differ greatly, as do the diffusion properties. Therefore, it is possible that some compounds might be affected by sampling uncertainty more than others.

Therefore, the purpose of this section is to quantify the uncertainty in the reported concentrations of analytes from sampling and analytical causes. In addition, the uncertainty is to be expressed as a 95 percent confidence interval for the actual concentration of the analyte. These uncertainty estimates provide an indication of the overall quality of the data. The samples that represent both types of uncertainty are field duplicate samples and are analyzed under the same conditions using the same laboratory techniques.

All field duplicate pair results from the 11 sampling periods from 1985 through 1988 were considered for this statistical analysis. Pairs in which one or both results were reported as "not detected" were deleted from

the data set because a quantity below the detection limit does not provide information which can be used to assess precision. This is consistent with the procedures used to analyze precision for the data summaries. Eight of the 10 key analytes were included in this study. Vinyl chloride and carbon tetrachloride did not have enough duplicate pairs to evaluate analytical precision. According to the U.S. Environmental Protection Agency (U.S. EPA), 1983, 20 pairs are recommended for the analysis of precision. Uncertainty was calculated for each analyte in accordance with the guidelines established by the U.S. EPA (U.S. EPA, 1983). The uncertainty estimates and the number of pairs for each analyte are given in Table 2-1.

These uncertainty estimates provide a confidence interval that can be applied to any reported concentration of these eight analytes. Thus, 95 percent of measurements for TCE whose reported concentration is 15 ug/L would have an actual concentration between the limits of 12 and 18 ug/L or ±20 percent. In application, this means that in comparing measurements from different sampling events, the difference between two results must be greater than the percent uncertainty for that analyte in order to establish that a change in the water quality has occurred. Once such a change is verified, the cause of the change can be investigated.

Since the uncertainty in concentration values is expressed as a percent, as the measured concentration increases, the absolute confidence interval widens; thus, a reported concentration of 125 ug/L would have the confidence limits of from 100 to 150 ug/L for TCE, which is still ± 20 percent of the reported concentration. The lowest uncertainty estimate was for total-1,2-DCE (±15 percent) and the greatest was for 1,1,1-TCA (±29 percent). A description of the process used to obtain and validate these estimates is given below.

Description of Methodology

Before the estimates were calculated, the sets of pairs were examined to determine the overall amount of agreement between the elements of the

TABLE 2-1. UNCERTAINTY ESTIMATES AND CORRELATION COEFFICIENTS FOR SELECTED ANALYTES BASED ON FIELD DUPLICATE RESULTS

Analyte	Number of Pairs	Mean RPD	Standard Deviation	Uncertainty Estimate
		----------Units are Percent----------		
Trichloroethene	82	15.3	23.4	20
1,1-Dichloroethene	38	12.9	17.5	18
1,1-Dichloroethane	38	11.7	14.3	16
Total 1,2-Dichloroethene	58	12.1	12.6	15
Tetrachloroethene[1]	16	12.2	10.5	21
Chloroform	28	17.9	18.7	25
1,2-Dichloroethane	29	12.2	14.2	18
1,1,1-Trichloroethane[1]	18	22.0	18.1	29

[1] Uncertainty estimate is based on the median for this analyte due to the small sample size.

pairs to establish the nature of the disagreements. A visual presentation of the pairs is given by scatter plots as suggested by Fritts and Hanson (1985). For each analyte, the first field duplicate result was plotted against the second field duplicate result in each pair. These plots of the pairs show the amount of agreement between the individual results, and immediately reveal which pairs are outliers (Figures 2-2 and 2-3). Ideally, the pairs should be concentrated along the X = Y. There should be no systematic pattern to the outliers. Therefore, these plots indicate that there is good overall agreement between the pairs, with few outliers, and that the occurrences of disagreements are random.

The overall agreement between the pairs can be further demonstrated by computing the correlation coefficients between the two sets of results, which are presented in Table 2-2. Five of the eight analytes had greater than 98 percent correlation between the pairs of results; the lowest correlation coefficient (92.5 percent) was calculated for TCE.

Once the data sets were examined for overall agreement, the estimates were calculated. The method used to obtain the estimates is centered around the relative percent difference (RPD) of the pair of results. For paired data, the RPD is the appropriate measure of precision between the two measurements. The formula for calculating the RPD for an individual pair is:

$$RPD_i = \frac{(X_i - Y_i)}{(X_i + Y_i)/2} \times 100$$

X_i is the larger of the two results in the ith pair.

Y_i is the smaller of the two results in the ith pair.

The RPD was calculated for each pair in each data set. Then the upper probability limit for a 95 percent confidence interval for the mean RPD was found for each analyte using:

$$\text{Upper Limit} = \text{MEAN (RPD)} + 1.96 \times [S/\text{SQRT}(N)]$$

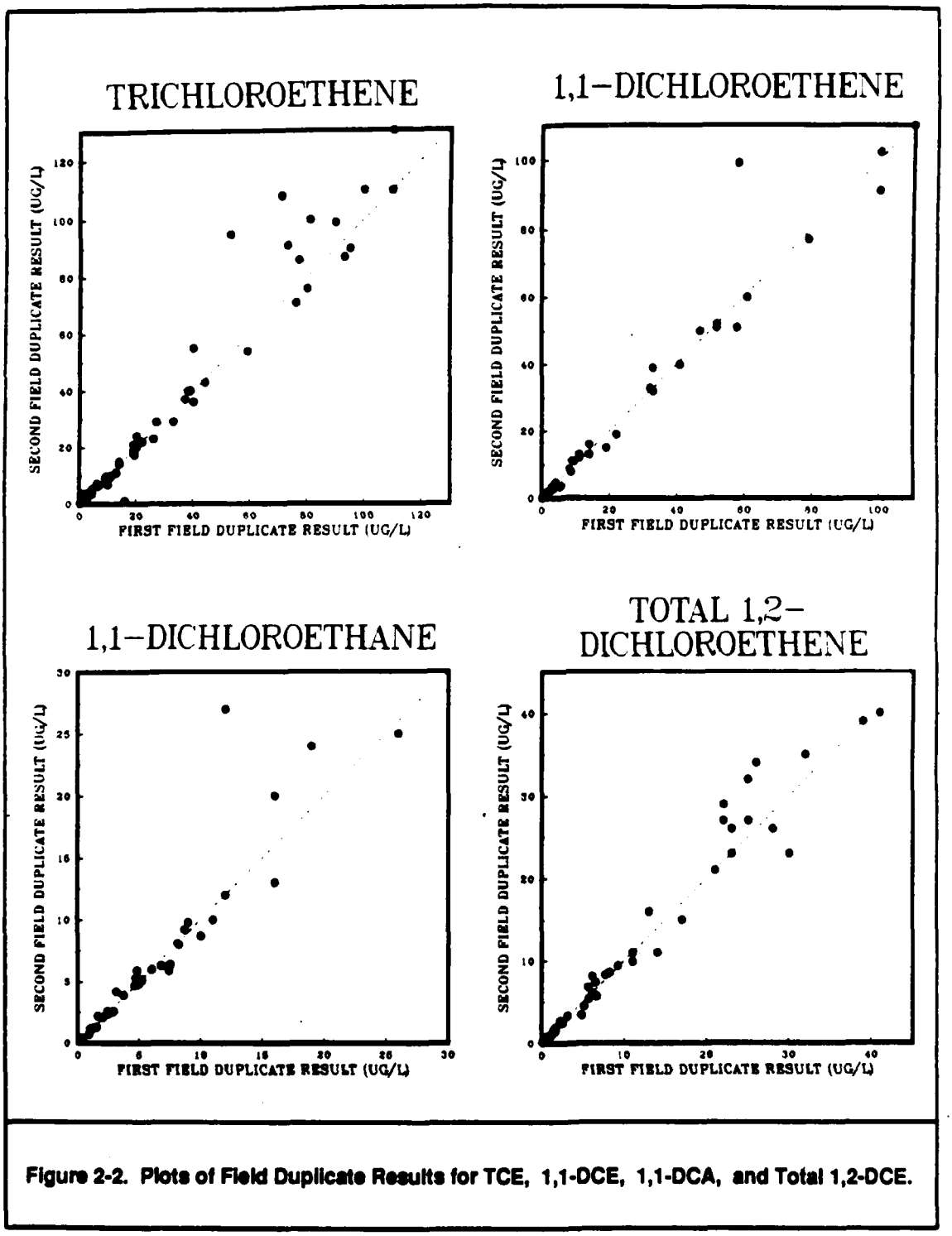


Figure 2-2. Plots of Field Duplicate Results for TCE, 1,1-DCE, 1,1-DCA, and Total 1,2-DCE.

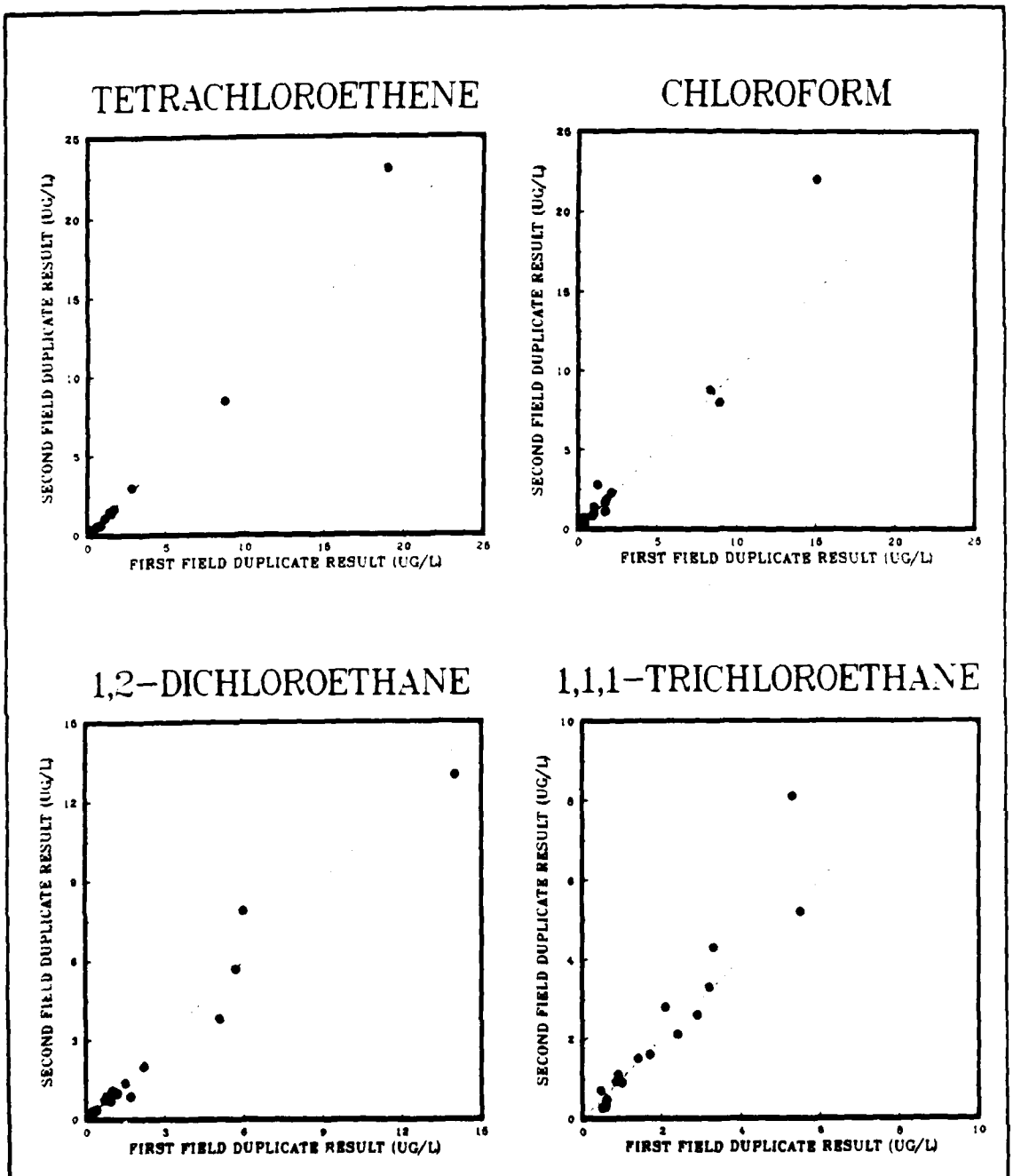


Figure 2-3. Plots of Field Duplicate Results for PCE, Chloroform, 1,2-DCA, and 1,1,1-TCA.

TABLE 2-2. CORRELATION COEFFICIENTS FOR SELECTED ANALYTES DETERMINED FROM FIELD DUPLICATE RESULTS

Analyte	Number of Pairs	Correlation[1] Coefficient
		Percent
Trichloroethene	82	92.5
1,1-Dichloroethene	38	94.4
1,1-Dichloroethane	38	98.8
Total 1,2-Dichloroethene	58	99.3
Tetrachloroethene	16	95.0
Chloroform	28	99.0
1,2-Dichloroethane	29	99.6
1,1,1-Trichloroethane	18	98.6

[1] The correlation coefficient indicates the amount of agreement between the results for the pairs of field duplicates.

where S is the standard deviation of the set of RPD's and SQRT(n) is the square root of the number of pairs in the data set and 1.96 is the 97.5 percentile of the Standard Normal Distribution. This upper limit is the estimate in percent of the uncertainty associated with each analyte.

This approach, although based on the normal distribution, is valid in this case because an inference is being made about the mean of the RPDs. When the number of duplicate pairs is large, the mean of the RPDs will approach a normal distribution by the Central Limit Theorem, regardless of the distribution of the RPDs. Michell, et al. (1985), suggests that a data set of greater than 20 is adequate to determine overall precision. All analytes examined had greater than 20 pairs of duplicate results, with the exception of 1,1,1-TCA, which had 18 pairs and PCE, which had 16 pairs. Since these two analytes are commonly detected at McClellan AFB, the uncertainty in the concentrations of these analytes was estimated using a conservative alternative approach that does not require a normal distribution for the mean of the RPDs.

A nonparametric approach based on the median of the RPD's was employed to obtain these two uncertainty estimates. For random variables with distributions skewed to the right, as is the RPD, the median provides a better estimate of central tendency than the mean. Figure 2-4 shows a frequency plot for the RPDs for 1,1,1-TCA including the mean and median. The upper limit for a 95 percent confidence interval for the 50 percent quantile or median was estimated using the order statistics calculated by the following formula:

$$\text{Upper limit} = \frac{(N+1)}{2} + \frac{1.96 \times \text{SQRT}(N)}{2}$$

where N is the sample size and SQRT(N) is the square root of N (Snedecor and Cochran, 1980). The uncertainty estimate for 1,1,1-TCA is the fourteenth order statistic, and for PCE the estimate is the thirteenth order statistic.

These estimates result in percent uncertainties of 29 and 21 percent for 1,1,1-TCA and PCE, respectively.

Validation of Uncertainty Estimates

The total uncertainty estimate for each analyte was also evaluated to determine if the average RPD remains constant over the entire range of concentrations or if it is a function of the concentration. Plots of the RPD versus concentration were produced for each analyte to determine if there was any relationship between the concentration and the RPDs (Figure 2-5, 2-6, and 2-7). There were no obvious patterns to the plots; the RPDs appear to be scattered randomly throughout the entire concentration range. Therefore, there appears to be no functional relationship between the concentration and the RPD. However, it should be mentioned that the concentrations near the detection limit would be expected to have more uncertainty. This increase is not evident for this set of data because, as mentioned earlier, pairs with one "ND" were excluded from the data sets. Including these pairs would increase the average RPD near the detection limit.

An objective statistical test was constructed to test the hypothesis that there is no difference in the distribution of the RPDs for different levels of concentrations. Four concentrations ranges were arbitrarily chosen based on examination of the plots for natural groupings and were determined to be:

Level 1 = ND TO 0.2 ug/L
Level 2 = greater than 2.0 to 10.0 ug/L
Level 3 = greater than 10.0 to 110 ug/L
Level 4 = greater than 110 ug/L

The Kruskal-Wallis method (Gilbert, 1987) was selected because it is a non-parametric test for analysis of variance. None of the calculated test statistics was large enough to indicate that, at the 95 percent confidence level,

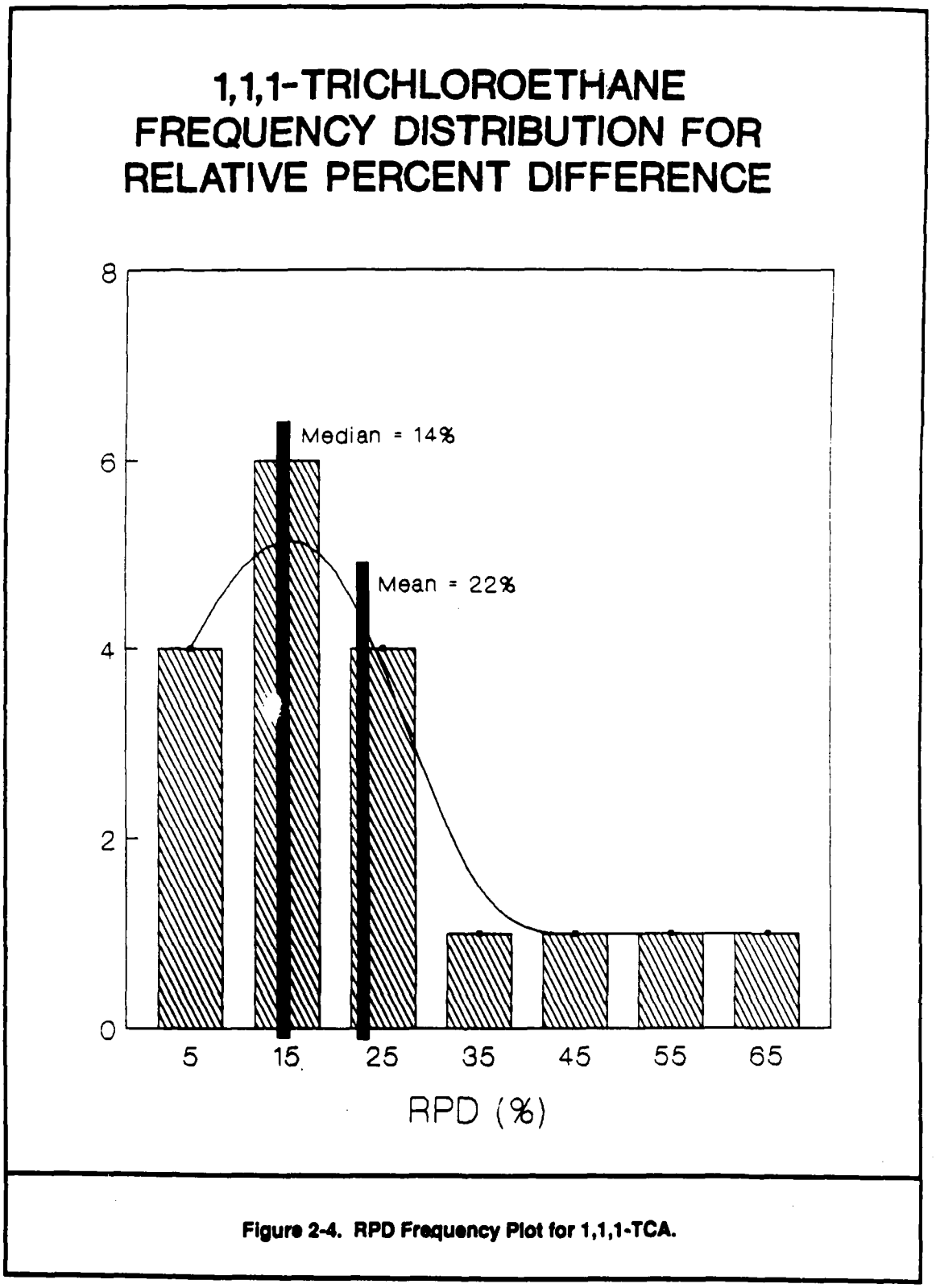
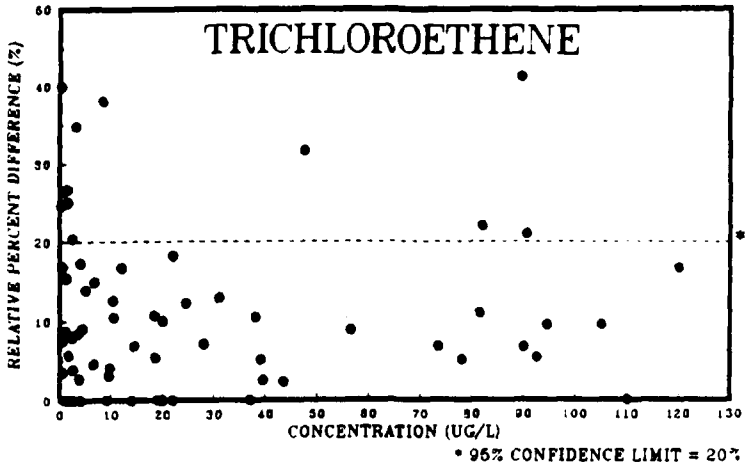
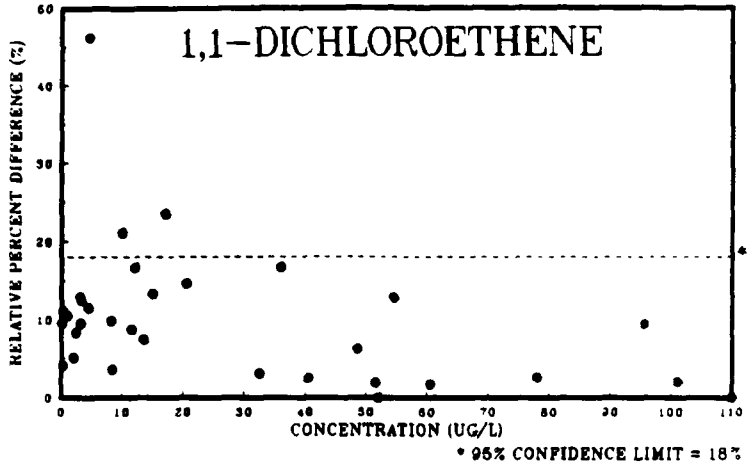


Figure 2-4. RPD Frequency Plot for 1,1,1-TCA.





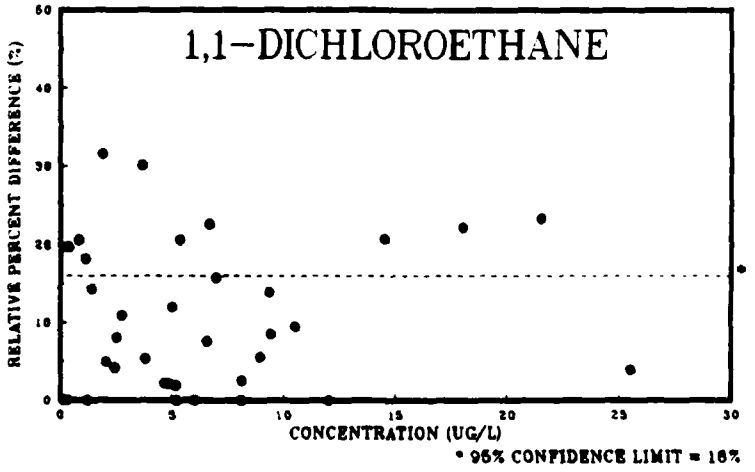


Figure 2-5. RPD vs. Concentration Plots for TCE, 1,1-DCE, and 1,1-DCA.

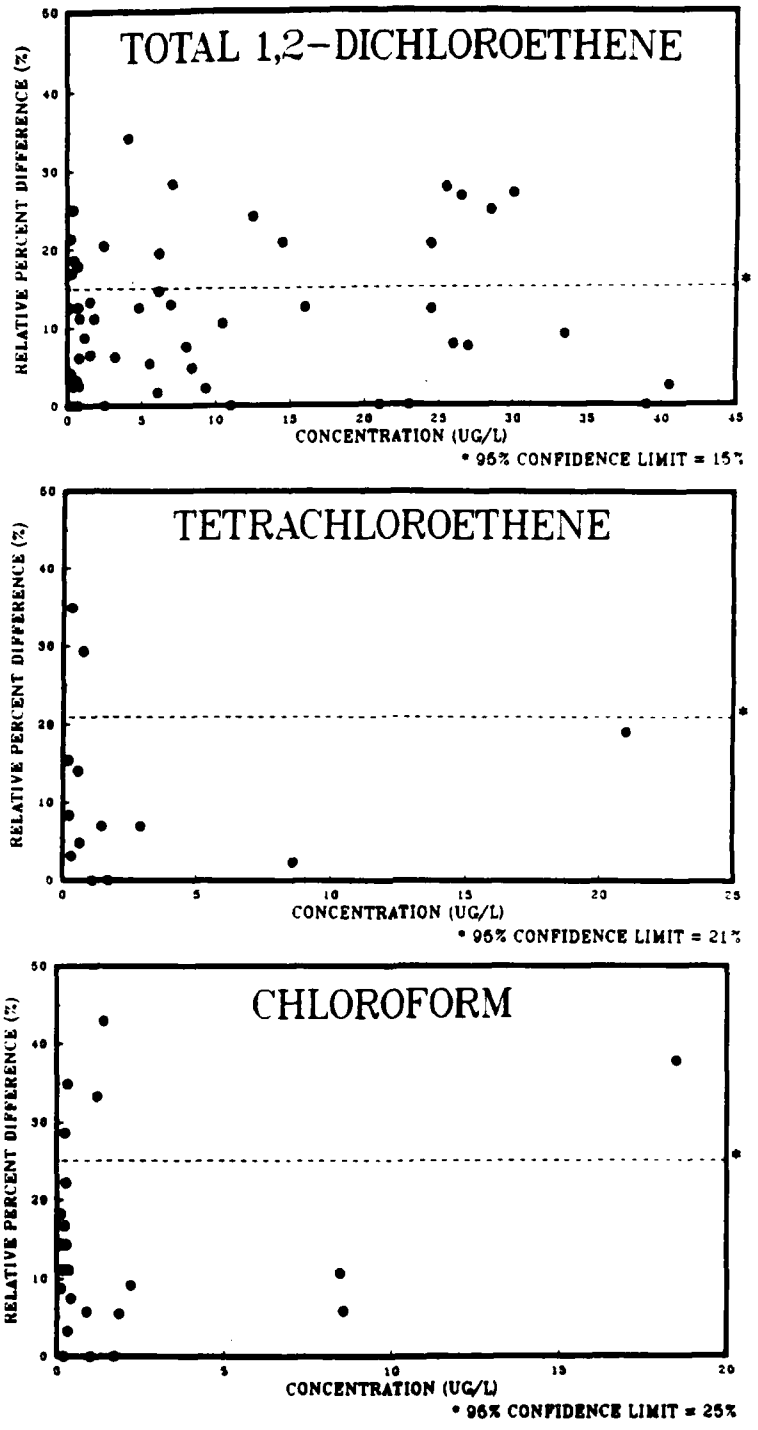


Figure 2-6. RPD vs. Concentration Plots for Total 1,2-DCE, PCE, and Chloroform.

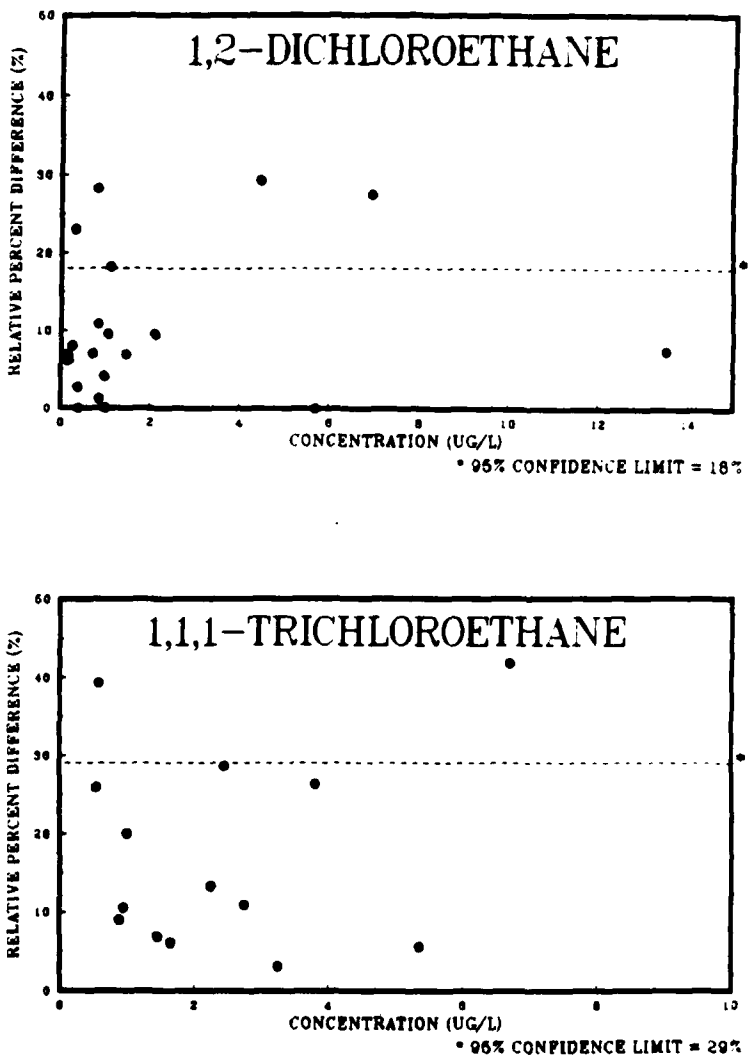


Figure 2-7. RPD vs. Concentration Plots for 1,2-DCE and 1,1,1-TCA.

the distributions are different for any of the levels for any analyte. Therefore, the conclusion is that the average percent uncertainty remains constant over the entire range of concentrations for all analytes.

Besides the contribution to the RPD from the range of concentrations, another possible source of variability in the RPD is from temporal factors due to the differences in time over which the 11 sampling events took place. The overall uncertainty for all analytes was calculated for each of 10 sampling periods to examine possible differences between sampling periods. The round 1 sampling event in 1985 was not included in this analysis because there was only one quantifiable pair from that period. As shown in Figure 2-8, the amount of uncertainty does not vary greatly between sampling periods, and has been consistently less than 20 percent since the last sampling period of 1987. To support this observation, the distribution of the RPD's by sampling period was also shown to be identical using the Kruskal-Wallis test. This indicates consistent sampling and analysis procedures over time.

In conclusion, the total uncertainty from random causes that includes sampling and analytical uncertainty, has been quantified based on field duplicate results. The percent uncertainty estimates for selected analytes range from 15 percent to 29 percent. Based on these estimates, a 95 percent confidence limit for an analytical result for any of the eight analytes included in Table 2-1 can be calculated. Two possible factors affecting precision, concentration range and sampling period, were investigated also. The estimated uncertainty was not significantly affected by either of these factors.

Determination of the Sources of Uncertainty

This subsection addresses the relative contribution of each of these processes to the total uncertainty. The percentage of the total uncertainty that could be attributed to field procedures was separated from the percentage

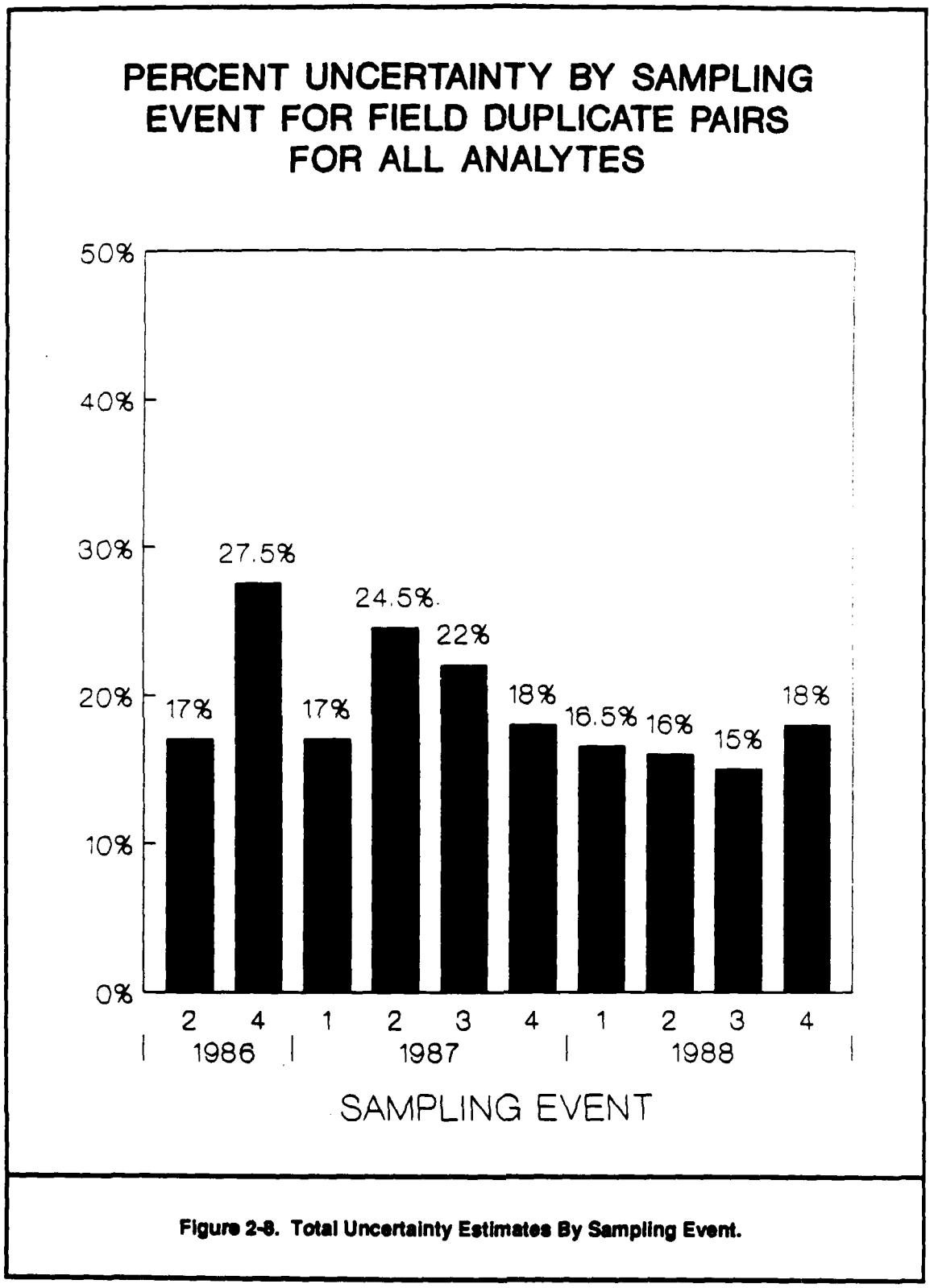


Figure 2-8. Total Uncertainty Estimates By Sampling Event.

that could be attributed to laboratory procedures. This evaluation was important because it could identify strengths and possible areas of inconsistency in the sampling and analysis program.

In addition to the field duplicate samples discussed above, prior to October 1988, replicate laboratory measurements, or laboratory duplicates, were also performed. Laboratory duplicates are obtained by splitting a normal field sample into two parts and analyzing both portions as separate samples. During the fourth sampling period of 1988, instead of laboratory duplicates, matrix spike duplicates were performed, so there are no laboratory duplicate pairs included for that sampling period. The results of laboratory duplicate samples reflect variability due only to the analytical process and not from the sampling procedures. When one of the field duplicate samples is replicated in the laboratory, the results of the duplicate and replicate samples or "nested duplicates" can be used for a variance component analysis. This hierarchical sampling approach was adopted for the third sampling period of 1988 with the objective of obtaining a large enough data set to perform this type of analysis.

The data sets examined contained all the nested duplicate results from the third sampling period of 1988 plus any nested sets that occurred coincidentally in previous samplings. The laboratory duplicates had been selected at random in previous samplings, so occasionally a field duplicate sample was selected as a laboratory duplicate. Only the pairs in which all three results were above the detection limit could be used for the analysis. This collection of results provided from 5 to 20 sets of data for the same analytes that were included in Table 2-1.

The nested duplicate data were analyzed using the SAS (Statistical Analysis System) routine Nested, which is designed specifically for analysis of variance for nested data (SAS, 1987). This procedure computes the variance of individual analytes and combines them into a linear model of variances. The use of this procedure requires data that have as little variance as

possible from other sources besides the sources under study. Because the data sets examined in this study contained samples from various locations, as well as various sampling times, the results were standardized by location and sample date to a common mean and variance before the analysis of variance was performed. The design of the experiment was unbalanced because only one sample of the field duplicate pair was split in the lab for each set.

The results of the analysis of variance are presented in Table 2-3. For the analytes included in the study, the most significant contribution to the overall variability was clearly due to analytical effects. A calculated sampling component of zero percent of the total variance does not imply a lack of variability in that component of the measurement process. Rather, this means that sampling variability is obscured by the observed analytical variability. For example, based on this set of 20 nested duplicate results for TCE, the field duplicate results agree as closely as the laboratory duplicate results. Any additional variability contributed by the sample collection process is negligible relative to the analytical variability.

In interpreting these results, the possible causes of sampling variability for groundwater sampling were considered. First, most of the monitoring wells at McClellan AFB have dedicated sampling systems. That reduces the possibility of variability between two samples collected from the same well at the same time. Second, the sampling teams are experienced and each member has been trained to follow identical protocols for sampling. Third, the field duplicate samples have identical transport and storage conditions and holding times. The only remaining cause of significant sampling variability is from different matrix effects. It should also be noted in evaluating these results that the numbers of sets of results is small for most of the analytes. Nonetheless, based on these samples, the conclusion is that the majority of the uncertainty in the reported concentrations for the key analytes included in this study is attributable to the analytical process, and a relatively insignificant portion can be attributed to sample collection and handling procedures.

TABLE 2-3. ANALYSIS OF VARIANCE RESULTS FOR NESTED DUPLICATE SAMPLES

Analyte	Number of Pairs	Sampling Variance Component Percent of Total	Analytical Variance Component Percent of Total
		----------Units are Percent ----------	
Trichloroethene	20	0	100
1,1-Dichloroethene	9	0	100
1,1-Dichloroethane	11	0	100
Total 1,2-Dichloroethene	15	12	88
Tetrachloroethene	5	0	100
Chloroform	6	10	90
1,2-Dichloroethane	9	0	100
1,1,1-Trichloroethane	6	50	50

Accuracy

In addition to analyzing precision, the accuracy of the analytical data was assessed. Accuracy is the measure of closeness of an individual measurement to the true value. Accuracy is reported as a percent recovery. For each sample spike i, the percent recovery, P_i is calculated by:

$$P = \frac{A_I - I\ (100)}{T_i}$$

where: A_i - the analytical results from the spiked sample.

B_i - the background level determined by a separate analysis of the unspiked sample

T_i - the unknown true value of the spike.

The results of matrix spike analyses from 1986 to December 1988 were included in the study. Three analytes for Methods 8010 and 601 were spiked, 1,1-dichloroethene, trichloroethene and chlorobenzene. The average percent recovery, P, and standard deviation, S_p, were calculated. Then the upper and lower warning limits, UWL and LWL, and control limits. UCL and LCL, were calculated. The warning limits, the mean recovery plus or minus 2 standard deviations, are equivalent to a 95 percent confidence interval for the mean recovery. Points outside these limits indicate that a process should be monitored closely. The control limits are the mean recovery plus or minus 3 standard deviations. Points outside the control limits indicate when a process is out of control. The results as well as the acceptance criteria for this method are given in Table 2-4.

Using these results, graphs were constructed in the format of control charts (Figure 2-9). Data for this project do not constitute a true control chart since the purpose of a control chart is to continually monitor the accuracy or precision of the measurement process so that corrective action can be taken immediately when the system is out of control. Examination of

TABLE 2-4. MATRIX SPIKE RECOVERIES

Analyte	Number of Samples	Mean Percent Recovery	Standard Deviation	Warning Limits	Control Limits	Acceptance Criteria
1,1-Dichloroethene	122	96	18	(60,132)	(42,150)	(28,167)
Trichloroethene	123	95	20	(55,135)	(35,155)	(35,146)
Chlorobenzene	124	93	15	(63,123)	(48,138)	(38,150)

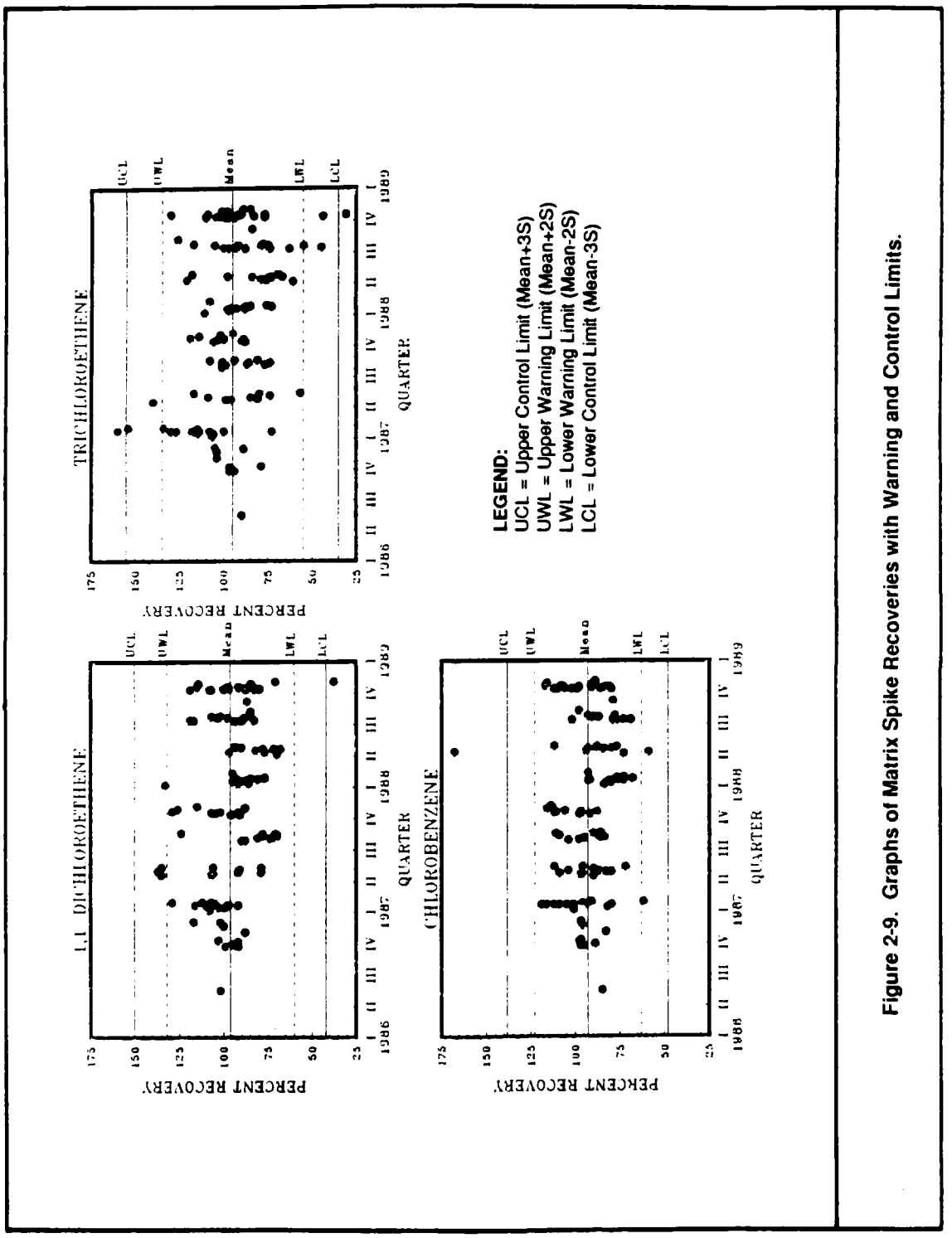


Figure 2-9. Graphs of Matrix Spike Recoveries with Warning and Control Limits.

the graphs show that the results for each round of sampling are bounded within the control limits with only a few random outliers. The 95 percent confidence limits are well within the bounds of the Data Quality Objectives and the acceptance criteria of the method. There are no systematic patterns to the outliers, although some quarters seem to have generally higher or lower than average recoveries. Therefore, the accuracy for these analytes is in control and there is no systematic bias in the data.

2.2 Description of Data and Statistical Techniques

The analytical data from all sampling periods from 1985 through 1988 were evaluated to determine the statistical methods that were appropriate to use with this data. The primary use of the analytical data in this report was to identify temporal trends in the analyte concentrations. There are several methods for detecting trends and the choice of method depends on certain characteristics of the data set. Therefore, in this section we present a description of the analytical data including the probability distribution and an investigation of seasonality. Then the methodology of the techniques chosen for trend analysis are presented. The results of the trend analysis for the monitoring wells are presented in the discussions of Section 3.0, Contaminant Distribution and Migration.

Probability Distribution

An analysis of the probability distribution of the analytical data was previously conducted using the concentrations of contaminants through March, 1988 (Radian, 1988). The analytical data sets were found at that time to be non-normally distributed. Attempts to find a transformation to obtain a normal distribution were unsuccessful. There have been three additional sampling events since that report, so there are now approximately 8 to 11 data points for each monitoring well; therefore, a re-examination of the data sets is necessary.

The analytical data sets used for this study are from 11 sampling events and included both regular samples and QC samples such as field and laboratory duplicate samples. Many of the data sets investigated contained censored values reported as "not detected" (ND) because the analytical results was less than the reported detection limit. The distribution of these censored values is unknown. In addition, all data sets contained some missing values for sampling periods during which the well was not sampled. Examination of the concentrations of each analyte by groundwater zone shows the detectable concentrations to be skewed to the right or positively skewed due to the large number of low concentrations reported. In addition, the data sets are not likely to have similar distributions for even one analyte across zones (Hirsh, 1988). This is because of the behavior of different analytes in groundwater and the heterogeneous nature of the alluvial material beneath McClellan AFB. Many factors such as the specific analytes, the ranges of concentration and the sources of contamination vary between groundwater zones.

Given that the distributions are not symmetrical, the normal distribution cannot provide a good fit for the data. One possible technique to obtain a normal distribution is to apply some transformation and analyze the transformed data set. Transformations using the natural logarithm and the square root of the concentrations were performed. Each was tested for good ness of fit to the normal distribution using the Shapiro-Wilk W statistic (Gilbert, 1987). Neither of the transformation yielded a normal distribution.

This result is not unusual for groundwater data. Hirsch states that many hydrologic variables such as analyte concentrations are distinctly non-normal (1984). Furthermore, it is difficult to determine the distributions of groundwater variables with the amounts of data which monitoring projects typically have available (McNichols, 1988). Therefore, distribution free non-parametric procedures have been chosen to use with the analytical data that allow missing and censored data values.

Seasonality

The data sets were tested for seasonal variation because the existence of seasonality would influence the choice of technique for trend detection. That is, if seasonality is determined to be an important factor, a method that is not affected by seasonal cycles should be used. There are currently four sampling periods per year that roughly correspond to the four seasons of the year. However, the exceptions to this are the two sampling events during both 1985 and 1986 that do not coincide exactly with the current schedule. By using the sampling date, the data values were divided into four three-month seasons per year starting in January. The Kruskal-Wallis test was used to determine if all seasons have equal mean concentrations (Hirsch et al., 1982). The Kruskal-Wallis test, which is a non-parametric test, will determine if the measurements from one season tend to be consistently larger or smaller than those from at least one other season.

The Kruskal-Wallis test was applied, with a 90 percent confidence level, to data for each monitoring well that had been sampled at least eight times and that showed detectable concentrations for one of the key analytes. From the 223 data sets tested, only 3 wells showed evidence of a difference in the mean concentrations of TCE for two or more seasons. This group of wells consisted of MW-129, MW-36S and MW-57. Since the data sets are small (in most cases there are only two data points for each quarter), the test cannot distinguish between the means except in extreme cases. Therefore, we conclude that there is not enough evidence at this time to make a general statement as to the existence of seasonal concentration changes. Future sampling periods may provide the quantity of data necessary to make this judgement.

Trend Analysis Methodology

Because the data sets are not normally distributed and there is no evidence of seasonality, the test chosen to detect monotonic temporal trends

is the Mann-Kendall non-parametric test for trend (Gilbert, 1987). The Mann-Kendall test is appropriate since missing quarters of data as well as censored data values such as "not detected" are allowed. In addition, the test is distribution free. Only the relative ranks of the concentration data are compared, not the magnitude of difference in concentrations. The confidence coefficient chosen for this test is 90 percent. The analytes included are the key analytes, and in some cases, other purgeable halocarbons that were present in a monitoring well such as trichlorofluormethane (TCFM) were also included.

The purpose of the trend analysis was to determine which monitoring wells show a long-term increase or decrease in the mean concentration of an analyte over time. A test of hypothesis was used as a basis for deciding on the presence of a trend. For this type of test, a null hypothesis is defined as the hypothesis being tested. The null hypothesis, in this case, is that there is not trend. The alternative hypothesis is the hypothesis that will be accepted if there is sufficient evidence to reject the null hypothesis. The decision to accept or reject the null hypothesis is based on the results of a statistical test and the confidence level that was chosen.

Under the null hypothesis of no trend, fluctuations in the concentrations of a contaminant over time do not indicate a statistically significant increasing or decreasing trend. However, although a trend cannot be detected, this does not imply that the concentrations are stable or constant, only that the fluctuations have a random pattern. The two-sided alternative hypothesis is that there is either an increasing or decreasing monotonic trend over time. Under the alternative hypothesis, the analyte concentrations can vary in both directions and still have a long-term trend. Intermittent or single release sources will not necessarily exhibit steadily increasing or decreasing trends in contaminant concentrations.

Once the presence of a trend has been established, the magnitude of the trend should be estimated to determine if the concentrations are changing rapidly or only slightly. The magnitude can be visually evaluated from the

time series plots of concentration versus time (included in Section 3.0, Contaminant Distribution and Migration); however, it is often useful to quantify the magnitude. Therefore, if a trend was present, an estimate of the change per sampling period was calculated to show the approximate rate of change for the concentrations. The statistical method used was Sen's non-parametric estimator of slope which is the median of the set of all slopes that can be calculated between any two data points (Gilbert, 1987). Sen's estimator can be used when data are missing. This estimate of the rate of change should be interpreted only as an indication of the steepness of the trend and not as a predictor of the expected or average rate of change per sampling period because the actual rate of change is not constant.

Along with Sen's point estimate of slope, a 90 percent confidence interval for the true slope was found for some wells using the method described by Gilbert (Gilbert, 1987). Gilbert's method for generating the confidence interval is based on the normal distribution and is valid when there are at least ten sampling periods. Therefore, only wells that have been sampled at least ten times have this estimator of slope. Since the concentrations may vary greatly in both directions from quarter to quarter and still show an overall trend in one direction, Gilbert's confidence interval is preferred to Sen's point estimate when applicable, because it incorporates the variability into the estimate and gives a range of values for the slope. A large confidence interval is an indication that the concentrations vary greatly between sampling events and that the magnitude of the trend cannot be estimated accurately.

2.3 Conclusions

Several important objectives concerning the analytical results for the key analytes have been accomplished through the use of carefully chosen statistical procedures. First, an assessment was made of the quality of the analytical data by investigating the uncertainty in the analyte concentrations. Next, the appropriate techniques for trend analysis were chosen based on various characteristics of the analytical data sets.

First, the uncertainty inherent in the analytical results due to the sampling and analytical processes was quantified. The field duplicate results from all sampling periods were used to calculate precision estimates for the eight analytes that have a sufficient number of quantitative pairs. These estimates are based on an upper 95 percent confidence limit for the mean RPD for the analytical results with at least 20 pairs of duplicates. The estimates for the two analytes with less than 20 pairs were obtained using a nonparametric technique for obtaining a confidence interval about the median. These uncertainty estimates provide a means of calculating a 95 percent confidence interval for reported values of any of these analytes.

Global application of these estimates to the entire set of results for these analytes depends on the representativeness of the samples upon which the estimates are based. The sets of field duplicate samples were plotted and analyzed to ensure that the pairs are highly correlated, have few outliers and that the differences are random. In addition, the mean RPD was determined to be constant over the entire range of concentrations for each analyte. The data sets were also grouped by sampling period and the uncertainty was shown to be consistent between sampling periods.

There are several advantages to using the confidence interval instead of the reported concentration of an analyte. The confidence interval accounts for the mean variability in the concentrations from random sources with an associated level of confidence (95 percent). Having quantified these sources of variability, fluctuations beyond this interval can be investigated for systematic sources of variability, such as a trend. Graphical representation of this uncertainty interval on the time series plots makes the distinction between random and other fluctuations in the concentrations immediately evident. This interval also provides documentation of the quality of the data. The range of uncertainty estimates is from 15 percent to 29 percent. The high-quality data in terms of precision, which has been collected by Radian, indicates a consistent and controlled sampling and analysis program.

The final analysis of the quality of the analytical data involved the division of the uncertainty into two components corresponding to sampling effects and laboratory effects. In order to accomplish this, nested duplicate analyses were designed in which field duplicate samples were chosen as laboratory duplicate samples. An analysis of variance was performed on the sets of the results of the nested duplicate samples. Only three of the analytes showed measurable sampling uncertainty, suggesting that the sampling uncertainty for the majority of analytes is obscured by the analytical uncertainty.

Next, the selection of trend analysis techniques was based on the description of data. The probability distributions of the analyte concentrations for the key analytes were explored. The non-normal distributions of the analyte concentrations suggest that nonparametric techniques should be employed for use with this data. Furthermore, using a nonparametric technique, we concluded that there is insufficient evidence of seasonality at this time. As a consequence, the technique which was selected for detecting temporal trends was the Mann-Kendall nonparametric test for trend. The methods to be used for the magnitude of the trends are Sen's nonparametric slope estimator and Gilbert's confidence interval for the true slope. The results of the trend analysis are discussed in Section 3.0, Contaminant Distribution and Migration.

3.0 CONTAMINANT DISTRIBUTION AND MIGRATION

Evaluation of contaminant distribution and apparent contaminant migration that has occurred since groundwater monitoring began in 1981 is presented in this section. Hydrogeologic and analytical data are discussed on an area by area basis even though the areas are not hydraulically isolated from each other. The review of each area focuses on the following:

- Potential sources of groundwater contaminants;
- Hydrogeologic data;
  - -- local geology,
  - -- groundwater flow directions,
  - -- influences on groundwater flow,
  - -- gradients,
- Horizontal and vertical distribution of contaminants;
  - -- historical versus present occurrence,
- Discussion;
  - -- estimated groundwater flow velocities,
  - -- trend analysis, and
  - -- apparent migration through time.

The areas to be discussed below were designated by a previous contractor based on the known locations of hazardous material in 1981. Subsequent investigations have identified additional potential and confirmed locations. The on- and off-base area designations are used in this report for the purposes of discussing the hydrologic and analytical data. However, discussion areas are still linked together by regional groundwater flow and the pumping of on- and off-base water supply wells. Figure 3-1 shows the locations of the discussion areas.

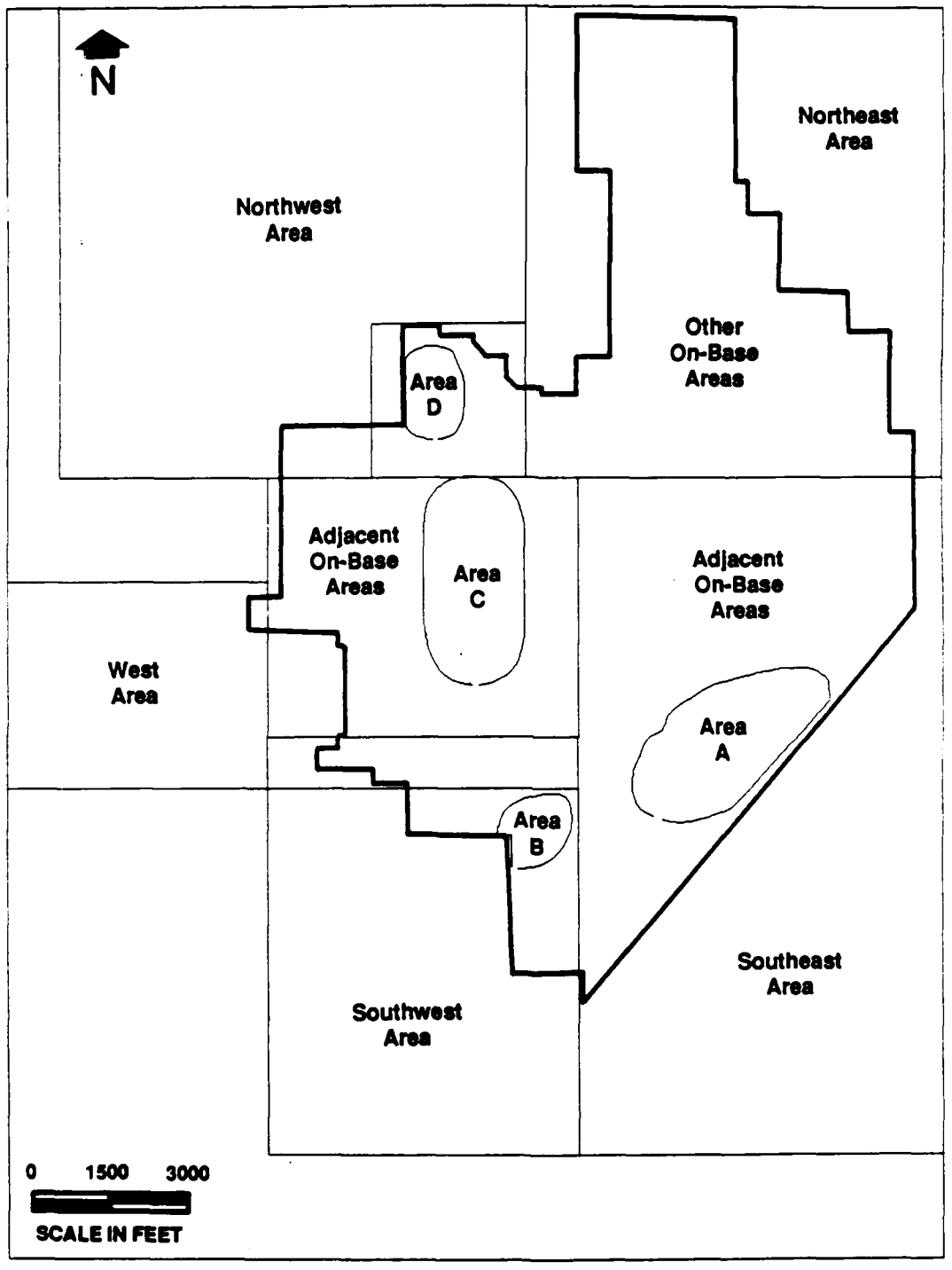


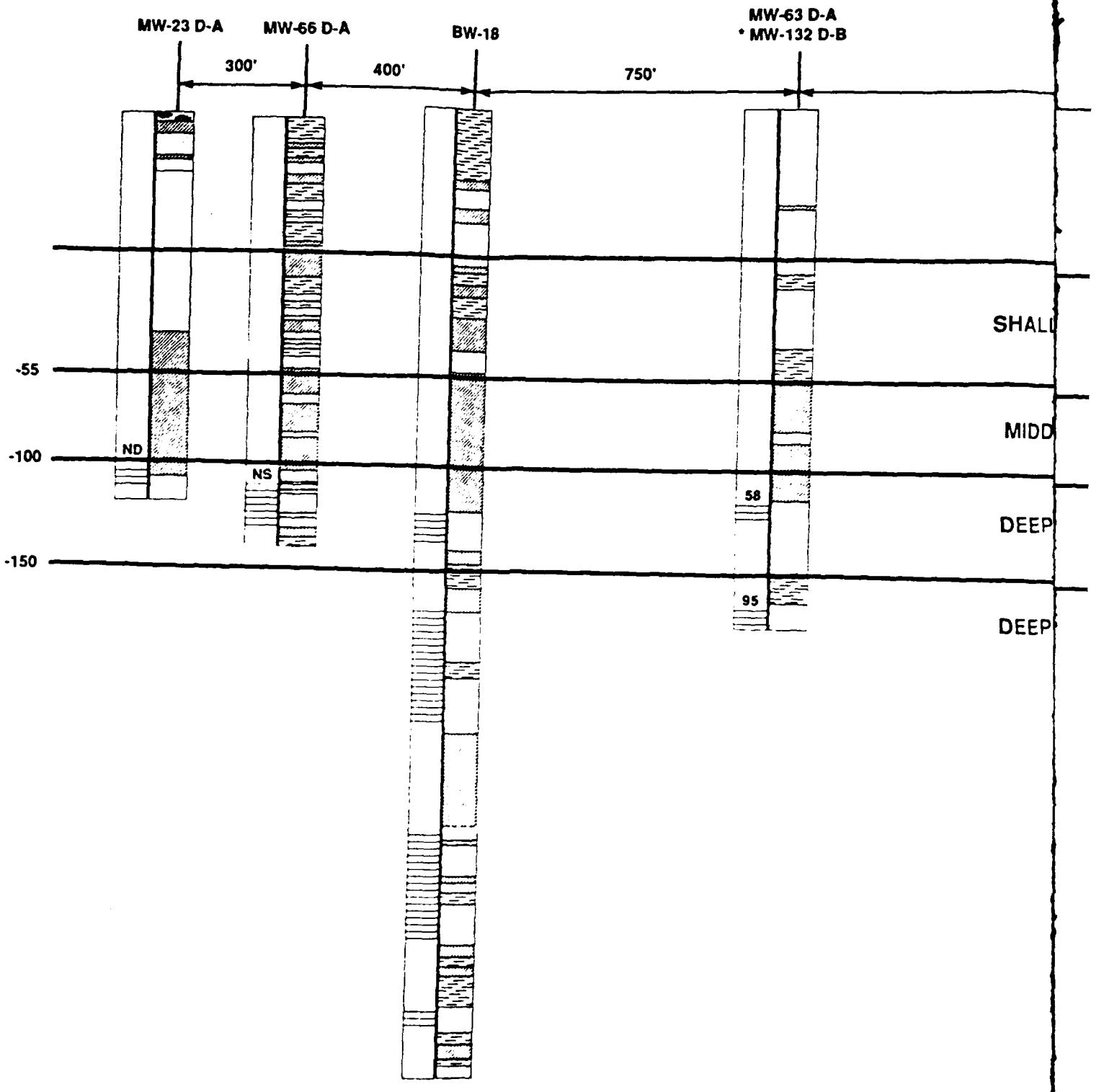
Figure 3-1. Locations of Discussion Areas.

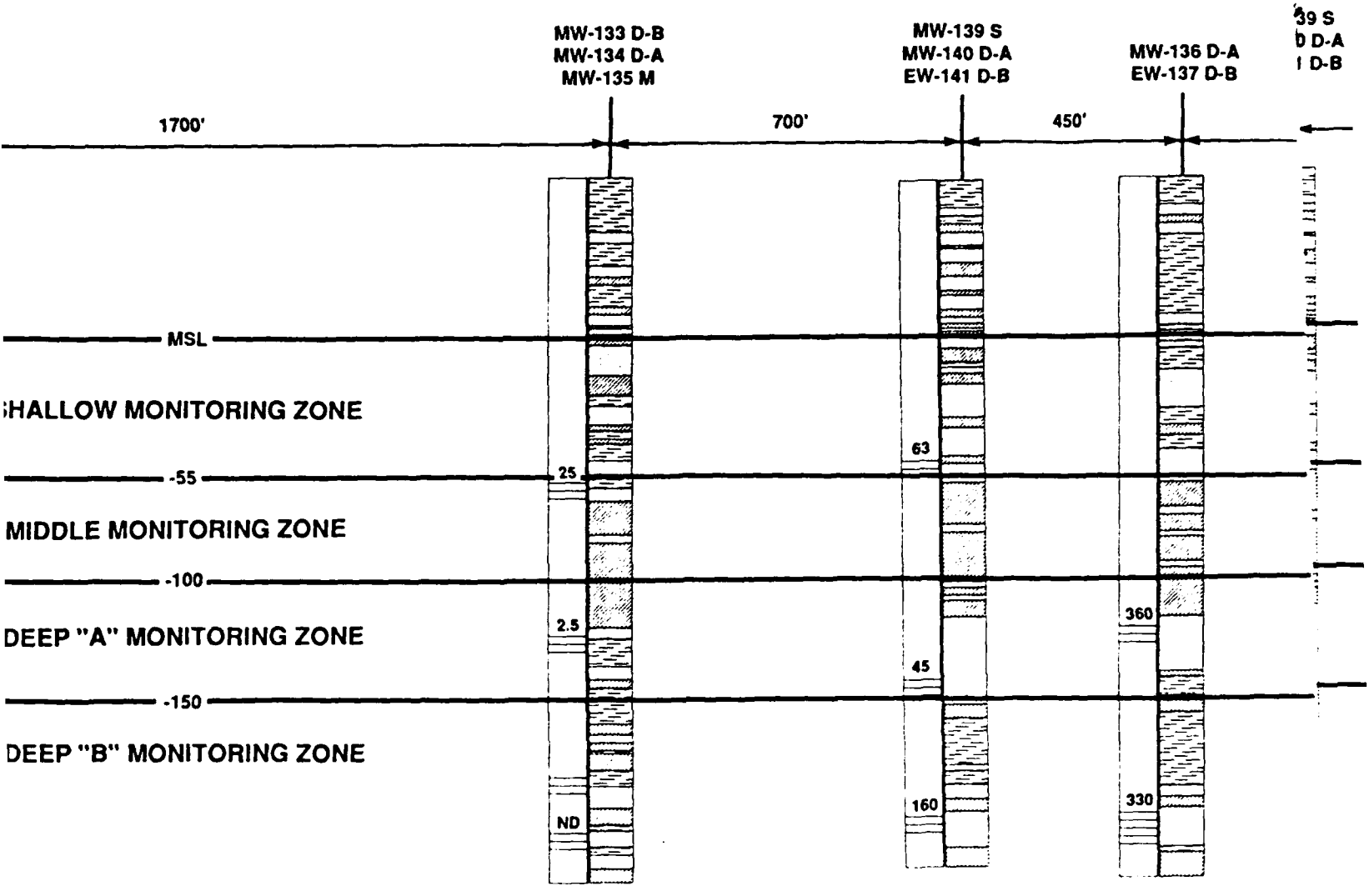
The analytical results for groundwater samples have been divided into two groups. Analytical data have been documented and evaluated by Radian since 1985. The analytical data and supporting Quality Assurance/Quality Control (QA/QC) data are used to determine variability and uncertainty, and to define contaminant concentration trends over time. There are also analytical results for water samples collected before 1985. QA/QC procedures for these data could not be evaluated, therefore these data have been used qualitatively to identify the historical occurrence of contaminants in the groundwater.

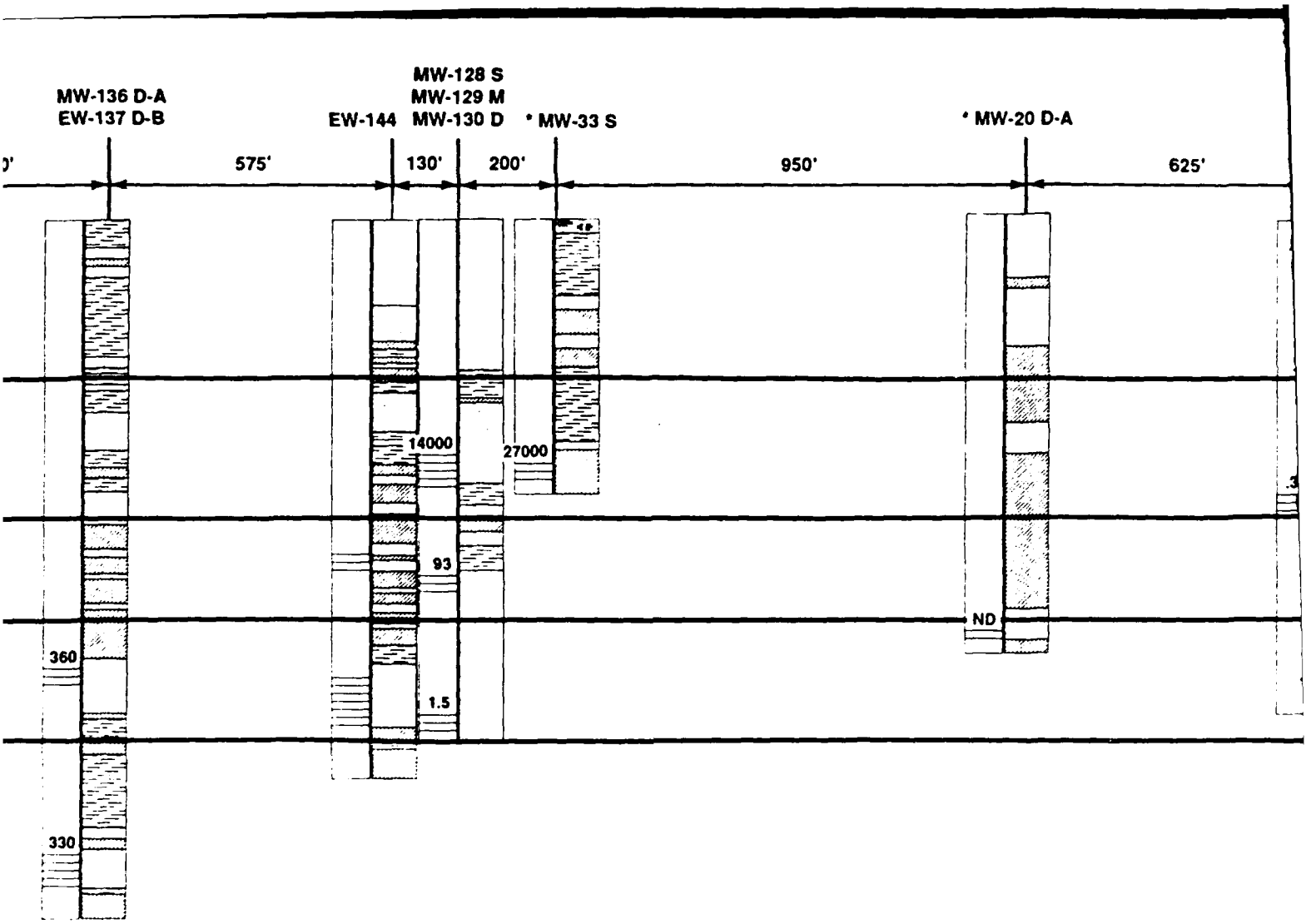
The analytical data presented in this section are for the following compounds: trichloroethene (TCE), tetrachloroethene (PCE), 1,1-dichloroethane (1,1-DCE), total 1,2-dichloroethene (total 1,2-DCE), 1,2-dichloroethane (1,2-DCA), 1,1-dichloroethane (1,1-DCA), 1,1,1-trichloroethane (1,1,1-TCA), vinyl chloride, chloroform, and carbon tetrachloride. These analytes have been detected in monitoring wells across the base. Of these key analytes, TCE is the most commonly detected, and much of the area discussions focus on the distribution and migration of TCE. A complete listing of all analytical results from 1985 through December 1988 is found in Appendix B.

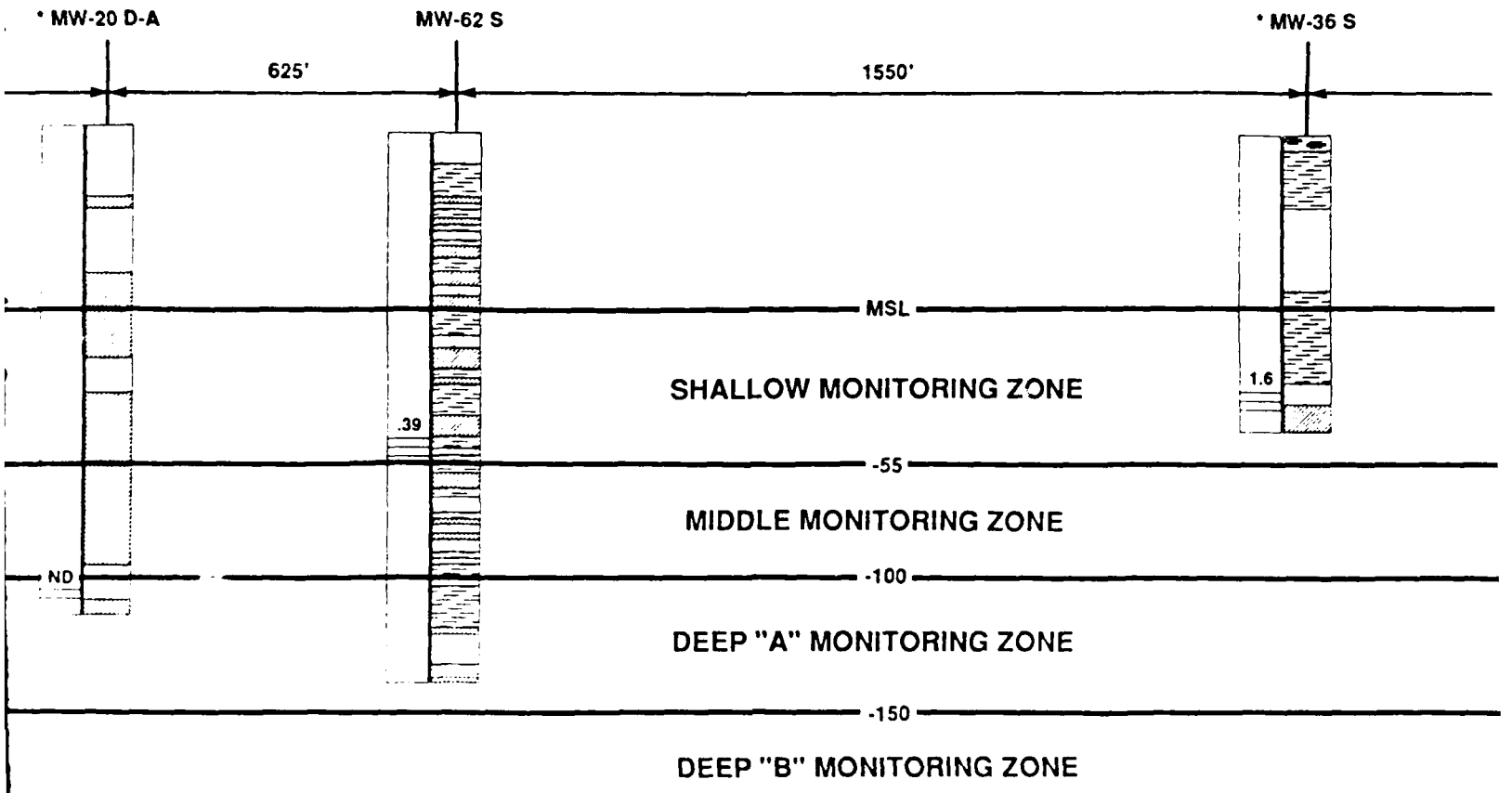
Trend analyses were conducted to determine which monitoring wells showed longterm increases or decreases in concentrations of the key analytes identified above. A total of 43 statistically verifiable contaminant concentration trends were found in 23 monitoring wells. These trends are discussed in the following subsections. The assumptions and methods used in the trend analysis are described in Section 2.2.

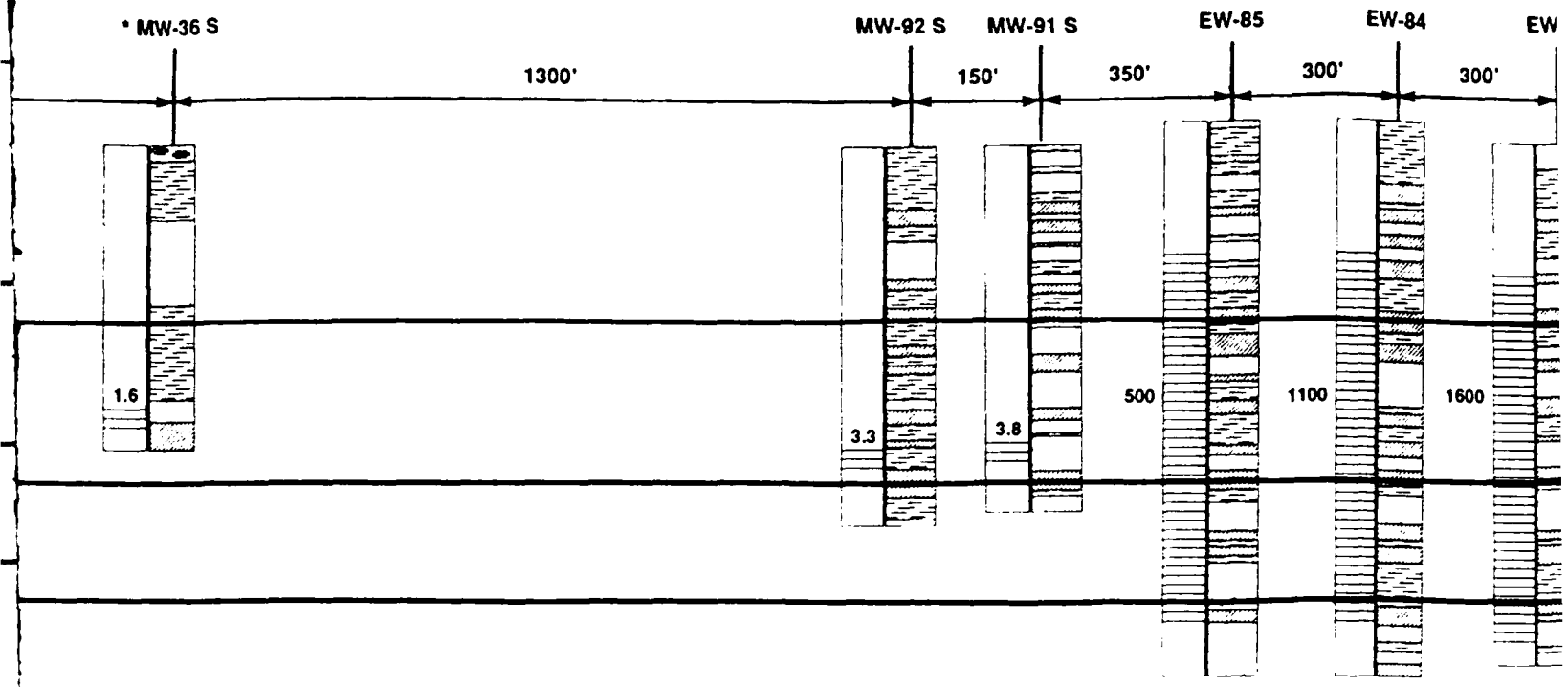
A hydrogeologic stick diagram that shows the lithology and TCE concentrations detected in selected wells is shown in Figure 3-2. These wells run along a south-north line from Area B through Area C to Area D. The vertical to horizontal exaggeration is approximately 5:1. The figure shows that along this north-south trace most of the TCE detected in Area D is in the shallow and middle monitoring zone. In Area C and Area B there is significant TCE contamination in the shallow, middle, and deep "A" monitoring zones.

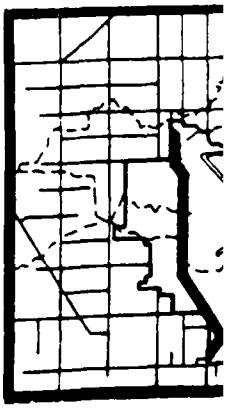

MW-23 D-A
MW-66 D-A
BW-18
MW-63 D-A
* MW-132 D-B
300'
400'
750'
-55
-100
-150
ND
NS
58
95
SHALL
MIDD
DEEP
DEEP

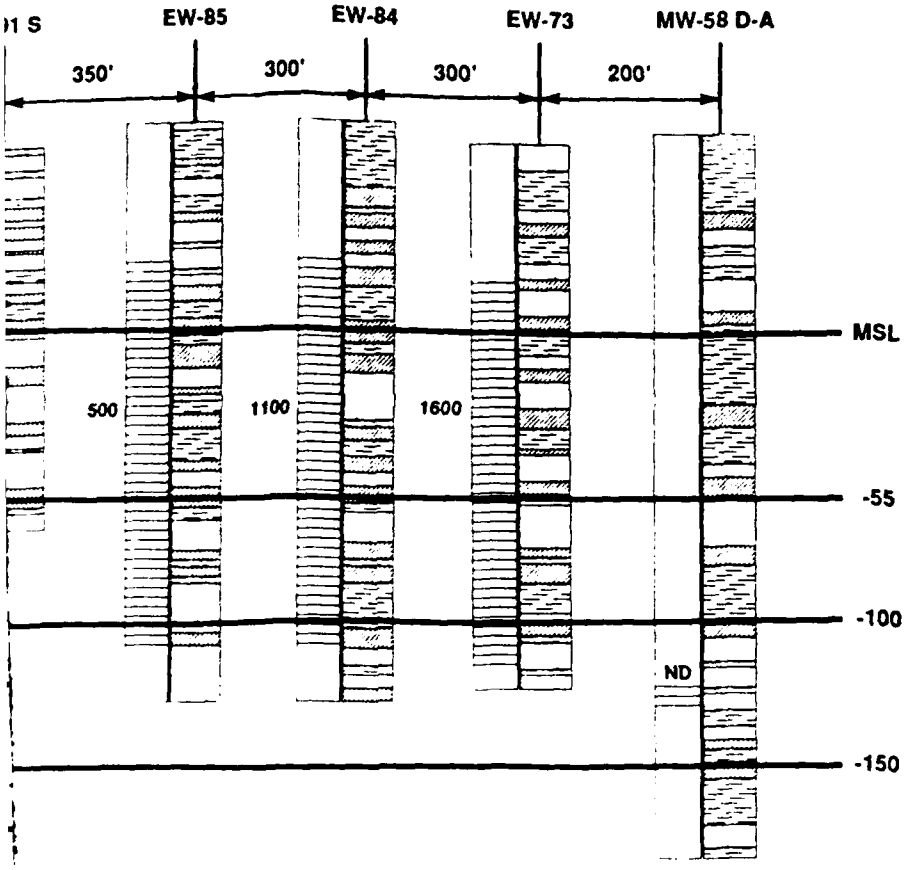

MW-133 D-B
MW-134 D-A
MW-135 M
MW-139 S
MW-140 D-A
EW-141 D-B
MW-136 D-A
EW-137 D-B
1700'
700'
450'
MSL
SHALLOW MONITORING ZONE
-55
MIDDLE MONITORING ZONE
-100
DEEP "A" MONITORING ZONE
-150
DEEP "B" MONITORING ZONE
25
2.5
ND
63
45
160
360
330

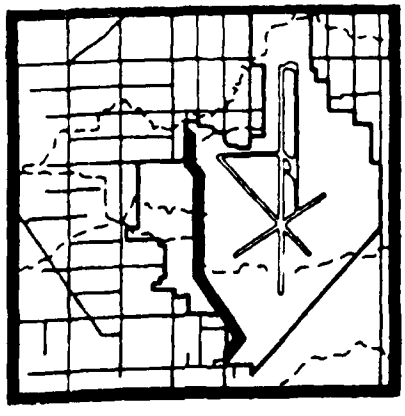

MW-136 D-A
EW-137 D-B
EW-144
MW-128 S
MW-129 M
MW-130 D
* MW-33 S
* MW-20 D-A
575'
130'
200'
950'
625'
14000
27000
93
ND
360
1.5
330


* MW-20 D-A
MW-62 S
* MW-36 S
625'
1550'
MSL
SHALLOW MONITORING ZONE
.39
1.6
-55
MIDDLE MONITORING ZONE
ND
-100
DEEP "A" MONITORING ZONE
-150
DEEP "B" MONITORING ZONE


* MW-36 S
MW-92 S
MW-91 S
EW-85
EW-84
EW
1300'
150'
350'
300'
300'
1.6
3.3
3.8
500
1100
1600




)1 S
EW-85
EW-84
EW-73
MW-58 D-A
350'
300'
300'
200'
MSL
500
1100
1600
-55
-100
ND
-150



To present the areal distribution of TCE contamination, concentrations of TCE detected in monitoring wells across the base were used to estimate lines of equal concentration in the shallow, middle and deep "A" monitoring zones (Plates 5, 6, and 7). The TCE contours approximate the TCE distribution by monitoring zone based on results from the last sampling event of 1988. Although site specific information about sources is not included on the plates, the contours do reflect general source areas and groundwater flow directions. Comparison of the three plates also provides a picture of the distribution differences in the vertical dimension.

As shown on the maps of estimated TCE distribution (Plates 5, 6, and 7), there are few monitoring wells from which to collect samples in Area A. The lack of contours does not necessarily indicate there is little contamination in Area A, only that there is limited data.

In Area B, there are a few wells for each monitoring zone. There is at least one monitoring well in each monitoring zone with TCE concentrations above drinking water standards. The contours may be adjusted after more analytical data are collected when the Preliminary Groundwater Operable Unit Remedial Investigation (PGOURI) (Radian, March 1989) and Area B Operable Unit Remedial Investigation (Radian, February 1989) are implemented.

In Area C, there are more wells from which to collect analytical data. Trichloroethene concentrations indicate levels that are above state and federal drinking water standards in all three monitoring zones. The highest levels of TCE in Area C have been detected in the shallow monitoring zone (Plate 5). There also appears to be a larger areal extent of contamination in the shallow zone than in the middle and deep "A" monitoring zones (Plates 5, 6, and 7). The TCE concentrations and contours for all three monitoring zones indicate that there has been both vertical and horizontal migration of the contaminants.

Within Area D the shallow monitoring zone shows the most widespread and highest levels of TCE contamination (Plate 5). In the middle monitoring

zone, TCE contamination appears to be confined to a small area within Area D (Plate 6). Based on limited results from the three deep zone monitoring wells, there are low levels of contaminants in this zone within Area D (Plate 7).

The three plates of estimated TCE concentration contours show that the highest detected levels of TCE are in the shallow monitoring zones beneath Areas C and D. The plates also show that most of the detected TCE contamination is found on the western side of the base. The distribution and apparent migration of TCE and other contaminants are discussed in more detail by area in the subsections that follow.

- The individual areas are discussed as follows:

  - Area A, Adjacent On-Base Areas, and the Southeast Area: These are discussed together because of the proximity of the two areas. However, the Southeast Area may be located downgradient of Area A;

  - Area B, Adjacent On-Base Areas, and the Southwest Area: These are presented together because of the proximity of the two areas and the effect of on- and off-base pumping on both areas;

  - Area C and Adjacent On-Base Areas: This discussion encompasses Area C proper and a large portion of the western side of the Base;

  - West Area: This discussion includes monitoring wells located off-base west of Area C. This discussion is not included with Area C because only low levels of contamination have been detected in some of the the monitoring wells and groundwater flow is presently towards the base. Thus, there is limited potential for off-base migration of contaminants;

- Area D, Adjacent On-Base Areas, and the Northwest Area: These are presented together because of the effect of the Area D extraction system on the Northwest Area and because of the high levels of contamination detected in offbase monitoring wells located close to Area D;

- Other On-Base Areas; and

- Northeast Area.

3.1 Area A and Adjacent On-Base Areas and the Southeast Area

Area A is located in the southeast portion of McClellan AFB (Figure 3-1). The outer boundary of Area A was determined by CH2M Hill based on historic waste use and disposal activities identified during record searches conducted during 1981. Since 1981, other potential release locations (PPLs) have been identified outside of the boundaries established by CH2M Hill. Potential release locations located outside of the Area A boundary are referred to as located in "Adjacent On-Base Areas."

The Southeast Area is described as the area immediately off base, southeast of Area A. It is discussed in this section with Area A because of its proximity to Area A and its potential for being downgradient from Area A.

Industrial activities have occurred in Area A since the opening of the base in 1936. Past operations in this area of the base have included the storage, use, and/or disposal of solvents, fuels, refuse, scrap metals, and industrial sludges. Discharge of these chemicals and waste to the soil from these operations is the probable cause of water quality degradation in this part of the base.

Area A was the first area where groundwater contamination was detected at the base. Base water supply well BW-7 (constructed in 1942) was taken out of service in 1956 and abandoned (destroyed) in the 1970s due to the

presence of an "oily substance" in the well. The substance was described as either an oil, solvent, or jet fuel (McLaren, 1986). Trichloroethene was detected in samples from BW-1 and BW-2, and from BW-12 at concentrations exceeding drinking water standards in 1979 and 1980, respectively. These water supply wells were subsequently removed from service. These three wells are located northeast of Area A (Figure 3-3).

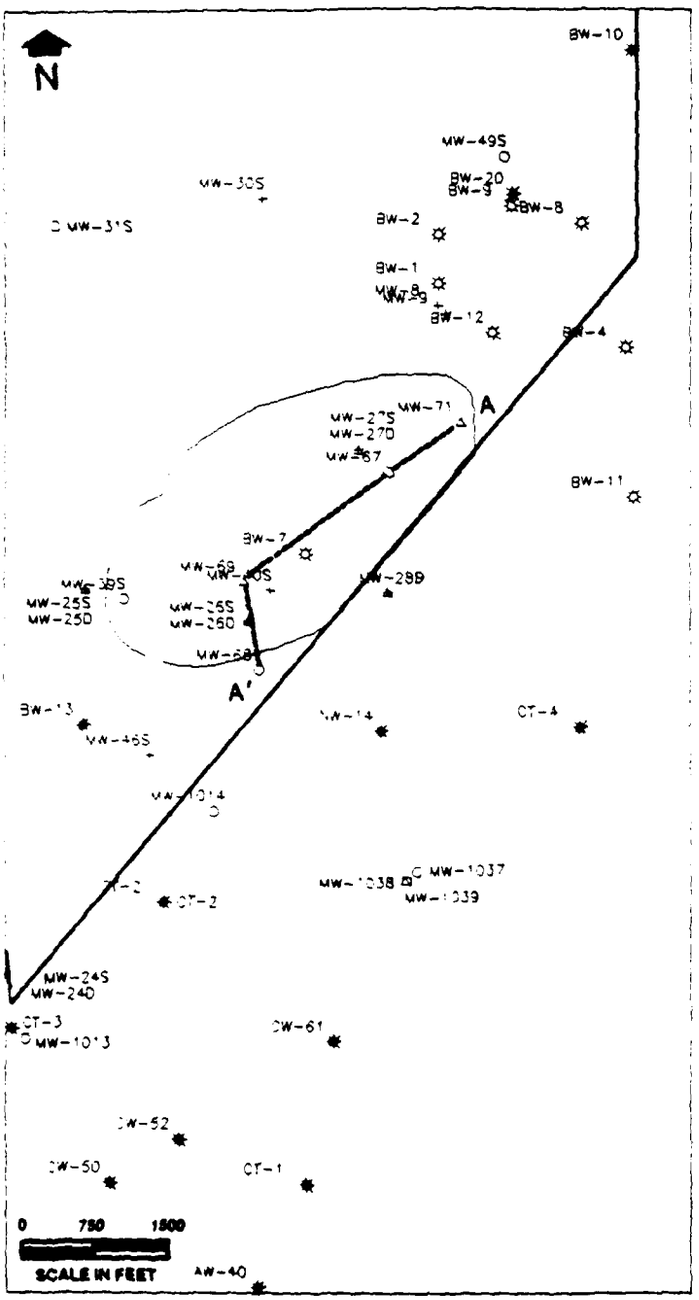
There are currently 15 monitoring wells located in Area A and Adjacent On-Base Areas and, 7 in the Southeast Area (Figure 3-3). Tables 3-1 and 3-2 lists monitoring wells which are currently included in the groundwater monitoring network, wells which are not included, and those which are dry.

3.1.1 Potential Sources of Groundwater Contamination

There are 47 Unstudied Potential Release Locations (UPRLs), 4 Partially Studied Potential Release Locations (PSPRLs), and 1 confirmed site (CS) located in Area A and Adjacent On-Base Areas (Figure 3-4). With the exception of CS 38, the partially studied sites (25, 37, 39 and 40) in Area A do not appear to be significantly contributing to groundwater contamination. However, additional sources may be responsible for the present distribution of contaminants. Possible additional sources include the 47 UPRLs in this areas as well as UPRLs located on-base just north of Area A (McLaren, 1986).

3.1.2 Hydrogeologic Data

Although soils in the vicinity of Area A have been classified as Urban Land (covered by pavement and buildings) by the United States Department of Agriculture (USDA), the soils within Area A are probably similar to those identified surrounding Area A. Soils immediately adjacent to Area A have been designated as the Xeralfic Arents-Urban Land Complex.



LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites
- Cross Section Locations

Monitoring Wells:

- ○ Shallow Zone
- △ Middle Zone
- □ Deep "A" or "B" Zone
- \+ Dry Well

Other Wells:

- ⌀ Extraction Well
- ✱ Active Water Supply Well
- ☼ Inactive Water Supply Well

Figure 3-3. Wells Located in Area A and Adjacent On-Base Areas, and the Southeast Area.

TABLE 3-1. MONITORING WELLS LOCATED IN AREA A AND ADJACENT ON-BASE AREAS

Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells[a]	Abandoned (Grouted)	Total Number of Wells
Shallow	MW-67[c] MW-68[c]	None	MW-25[b] MW-39S[b] MW-40S[b]	MW-8[b] MW-9[b] MW-26S[b] MW-27S[b] MW-46S[b]	10
Middle	MW-27D[b] MW-69[b] MW-71[d]	MW-25D[b] MW-26D[b]	None		5
Deep	None	None	None		0
Total Number of Wells	5	2	3	5	15

[a] Under consideration for abandonment.

[b] Samples collected from these wells have contained TCE.

[c] Well contained one of the 10 key analytes other than TCE.

[d] Well contained a compound other than one of the 10 key analytes.

TABLE 3-2. MONITORING WELLS LOCATED IN THE SOUTHEAST AREA

Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells[a]	Abandoned (Grouted)	Total Number of Wells
Shallow	MW-1013 MW-1014 MW-1037	None	None	MW-28S	4
Middle	MW-28D[b] MW-1038[b]	None	None		2
Deep	MW-1039	None	None		1
Total Number of Wells	6	0	0	1	7

[a] Under consideration for abandonment.
[b] Samples collected from these wells have contained TCE.

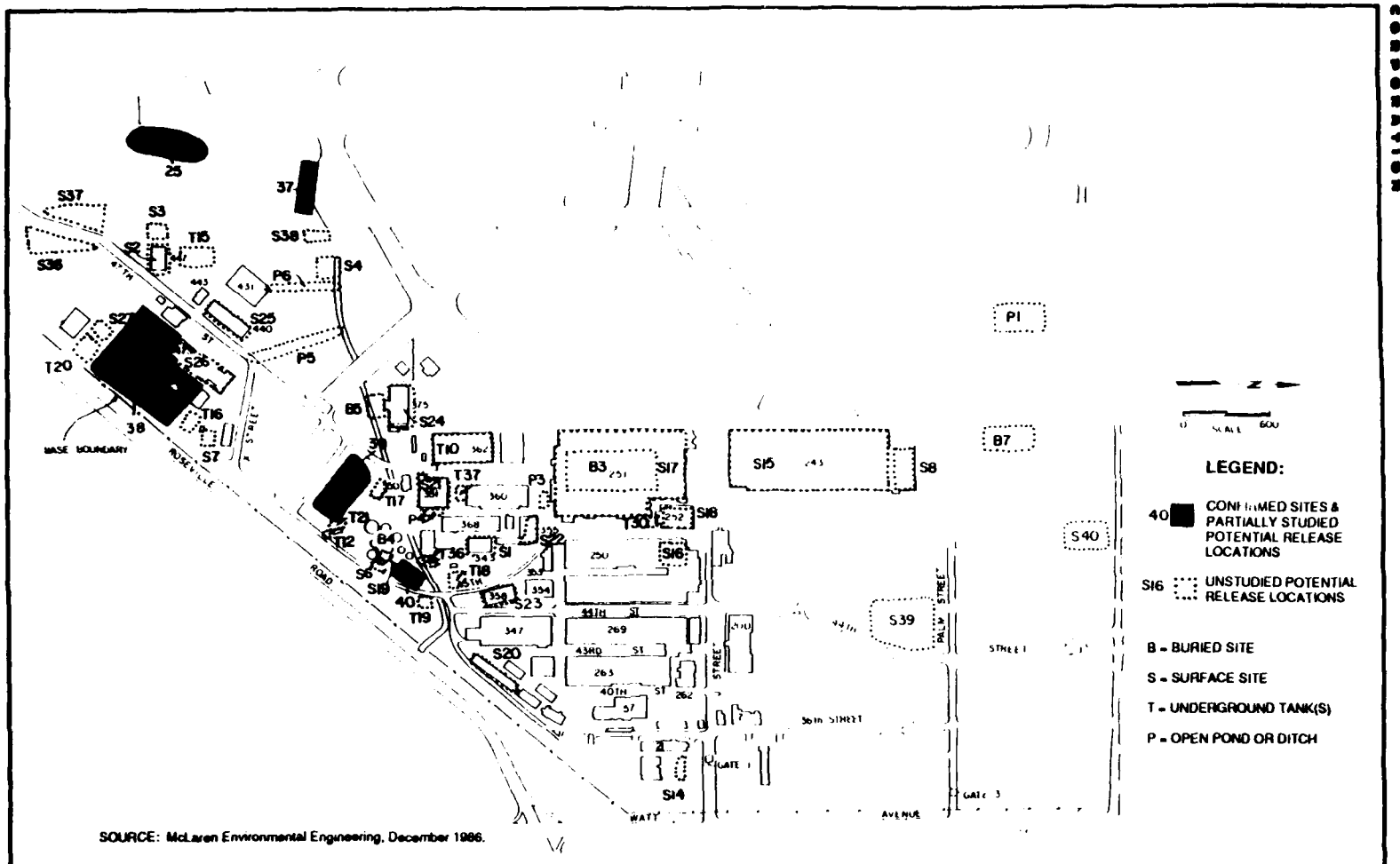
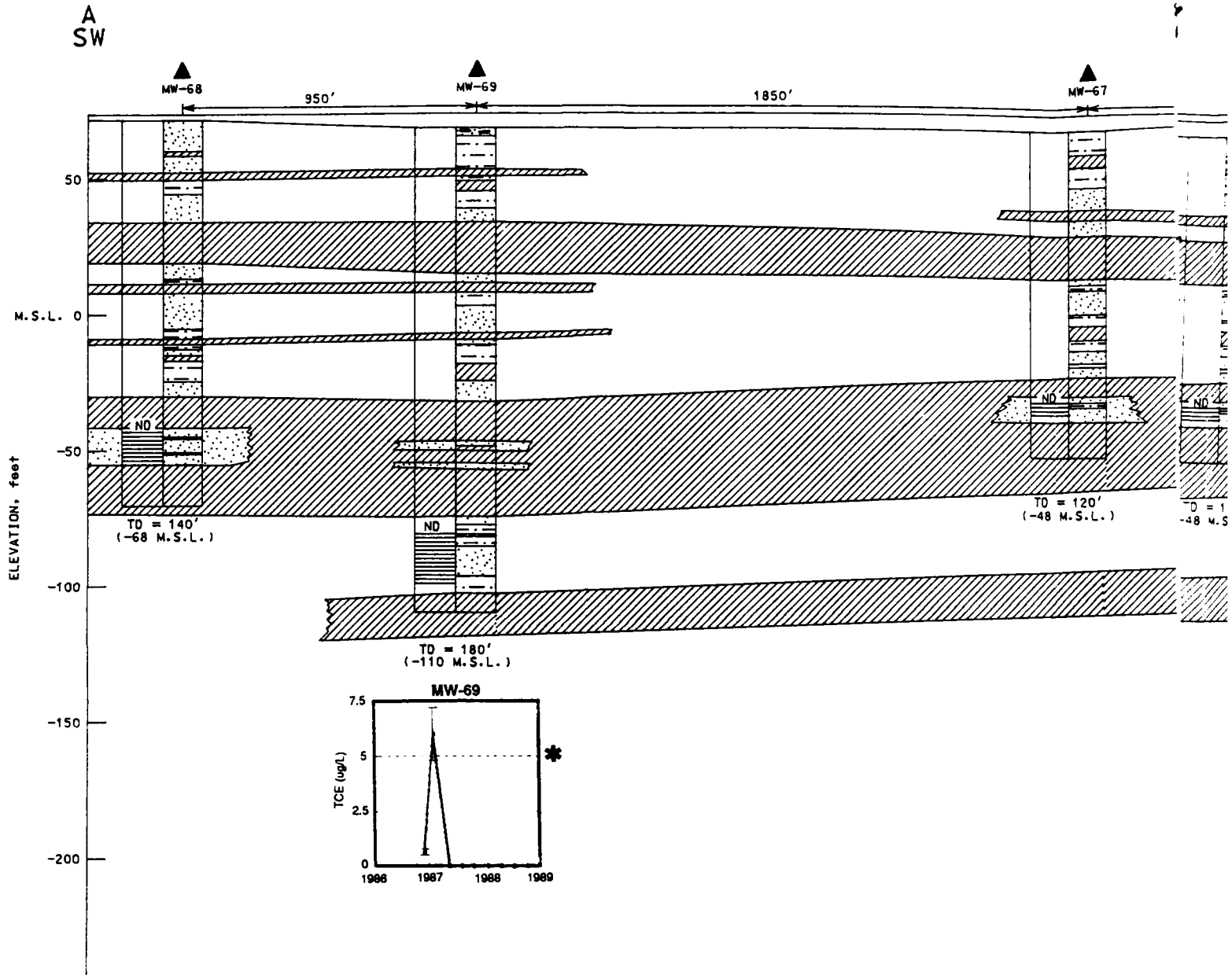


Figure 3-4. Confirmed Sites, Partially Studied Potential Release Locations, & Unstudied Potential Release Locations in Area A, McClellan AFB

A southwest to northeast cross section A-A' depicting subsurface deposits beneath a portion of Area A and Adjacent On-Base Areas is shown in Figure 3-5. The surface trace of the cross section is shown in Figure 3-3. The geologic setting beneath Area A is characterized by interbedded fluvial deposits of sands, silts, and clayey silts. A laterally extensive zone dominated by clayey silts occurs at a depth of approximately -25 to -75 feet below mean sea level (msl). This fine-grained zone correlates well with a similar zone found in Areas B and C but not in Area D.

Four shallow-zone monitoring wells and six middle-zone monitoring wells are used to produce potentiometric surface maps in Area A, Adjacent On-Base Areas, and the Southeast Area. There is currently only one deep-zone monitoring well within these areas, MW-1039, and it is located in the Southeast Area. Therefore, not enough data exists for these areas to construct a deep zone potentiometric surface map. Potentiometric surface maps produced during late September 1988 for the shallow and middle monitoring zones indicate that the direction of groundwater flow within Area A, Adjacent On-Base Areas, and in the Southeast Area is to the west-southwest.

There are two active water supply wells located in the vicinity of Area A. BW-10 is located approximately 4000 feet northeast of Area A, and Northridge Water (NW) District water supply well NW-14 is located approximately 1200 feet southeast of Area A. Base water supply well BW-10 is pumping at an average rate of 900 gallons per minute (gpm) and NW-14 is currently pumping at an average rate of 1200 gpm. The extent of BW-10's influence on groundwater flow cannot be determined because there are no monitoring wells nearby. In addition, the effects of pumping by NW-14 on the groundwater flow regime cannot be determined at this time because increased pumping of this well began in October 1988 after water levels were measured. Therefore, potentiometric maps produced for September 1988 do not reflect influences of pumping by NW-14. Prior to October 1988, NW-14 operated at approximately 400 gpm only during the summer months of peak demand.



✱ DHS and EPA Action Levels equal to 5ug/L

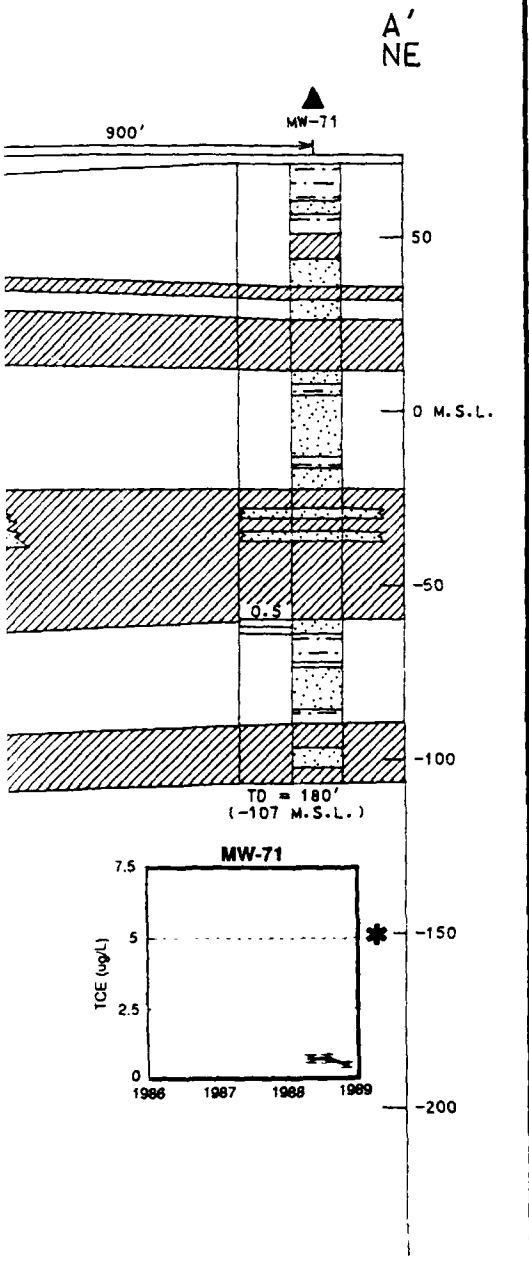


Figure 3-5.
Subsurface Profile, Area A

LEGEND

▲	MONITORING WELL (MW)
■	EXTRACTION WELL (EW)
☼	BASE PRODUCTION WELL (BW)
M.S.L.	MEAN SEA LEVEL
TD	TOTAL DEPTH
	SAND
	SILT
	CLAYEY SILT
	NO DATA
	SCREEN INTERVAL

SCALE

HS: 1" ≃ 458'
VS: 1" ≃ 54'
VE ≃ 8.5

NOTE: TCE CONCENTRATIONS ARE REPORTED NEXT TO SCREEN INTERVALS IN ug/l FOR OCTOBER THROUGH DECEMBER, 1988 SAMPLING PERIOD.
ND = NOT DETECTED

GENERATED BY: K M Klemplemann 7-20-89
PROJECT REVIEW: Mary McGrath 7-21-89
PEER REVIEW: Lyla P. Thompson 7-21-89

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To aid in further evaluations of the groundwater flow regime in this area, Radian has proposed the installation of several monitoring well clusters consisting of shallow, middle, and deep zone monitoring wells. The cluster will be located within, northeast, and southeast of Area A. Water level measurements from these wells will help to better define the direction of groundwater flow in Area A, the Southeast Area, and the area northeast of Area A. Construction of the monitoring well clusters is planned for the summer of 1989 and will be done as part of the PGOURI (Radian, March 1989).

The potentiometric surface maps indicate that there have not been significant changes in groundwater flow directions in Area A, Adjacent On-Base Areas, and the Southeast Area since October 1986 based on the limited number of monitoring wells. Hydraulic gradients have not changed significantly either (Table 3-3) over the last year. Calculated horizontal hydraulic gradients range from 17.8 to 24.3 ft/mile.

3.1.3 Horizontal and Vertical Distribution of Contaminants

A total of twenty-two monitoring wells are located in Area A, Adjacent On-Base Areas, and in the Southeast Area. Since June 1985 samples have been collected from thirteen of the wells. Samples collected from seven of those wells have contained detectable concentrations of some of the key analytes on which this report focuses. Ranges in concentrations of the key analytes found for the period of 1985 through 1988 are shown in Tables 3-4 and 3-5.

Of the 10 key analytes, TCE is the most frequently detected. A comparison of wells that have historically contained TCE versus wells containing TCE during the October 1988 sampling event is shown by monitoring zone in Figures 3-6, 3-7 and 3-8. Trichloroethene has been historically detected in 7 shallow zone monitoring wells, all of which are now dry. Middle zone monitoring wells that have historically contained TCE continue to show detectable levels of TCE. Samples from the only deep well (MW-1039) in the Southeast Area have never contained TCE.

Table 3-3. Horizontal Gradients of Selected Well Pairs in Area A and the Southeast Area

Well Pair	Monitoring Zone	Distance (feet)	Head Difference (feet)	Gradient (feet/mile)
1Q87				
MW-1014/MW-1037	Shallow	2173	8.30	20.2
MW-28D/MW-69	Middle	1470	6.64	23.8
4Q88				
MW-1014/MW-1037	Shallow	2173	7.33	17.8
MW-28D/MW-69	Middle	1470	6.77	24.3

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TABLE 3-4. RANGES OF DETECTABLE CONCENTRATIONS FOR KEY ANALYTES [a] IN MONITORING WELLS LOCATED IN AREA A AND ADJACENT ON-BASE AREAS FROM 1985 TO 1988, McCLELLAN AFB

Groundwater Monitoring Zone	Analyte	Minimum Concentration Detected	Maximum Concentration Detected
		All units are ug/l.	
Shallow	1,1-Dichloroethene	0.4	0.4
	Total 1,2-Dichloroethene	0.9	0.9
	Chloroform	3.7	40.0
	1,2-Dichloroethane	0.2	0.2
	1,1,1-Trichloroethane	0.30	6.5
	Trichloroethene	2.4	190
Middle	1,1-Dichloroethene	0.10	3.8
	1,1-Dichloroethane	0.38	2.6
	Total 1,2-Dichloroethene	0.89	34
	Chloroform	0.10	22
	1,2-Dichloroethane	0.15	2.7
	1,1,1-Trichloroethane	2.6	2.6
	Carbon tetrachloride	5.1	27
	Trichloroethene	0.50	195
Deep	There are no wells located in this zone		

a The 10 key analytes and associated action levels are given in the table below.

Key Analyte	DHS Action Level	EPA Primary MCL
Vinyl Chloride	2	1
1,1-Dichloroethene	6	7
1,1-Dichloroethane	20	NE
Total 1,2-Dichloroethene	16	NE
Chloroform	100	100
1,2-Dichloroethane	1	5
1,1,1-Trichloroethane	200	200
Carbon Tetrachloride	5	5
Trichloroethene	5	5
Tetrachloroethene	4	NE

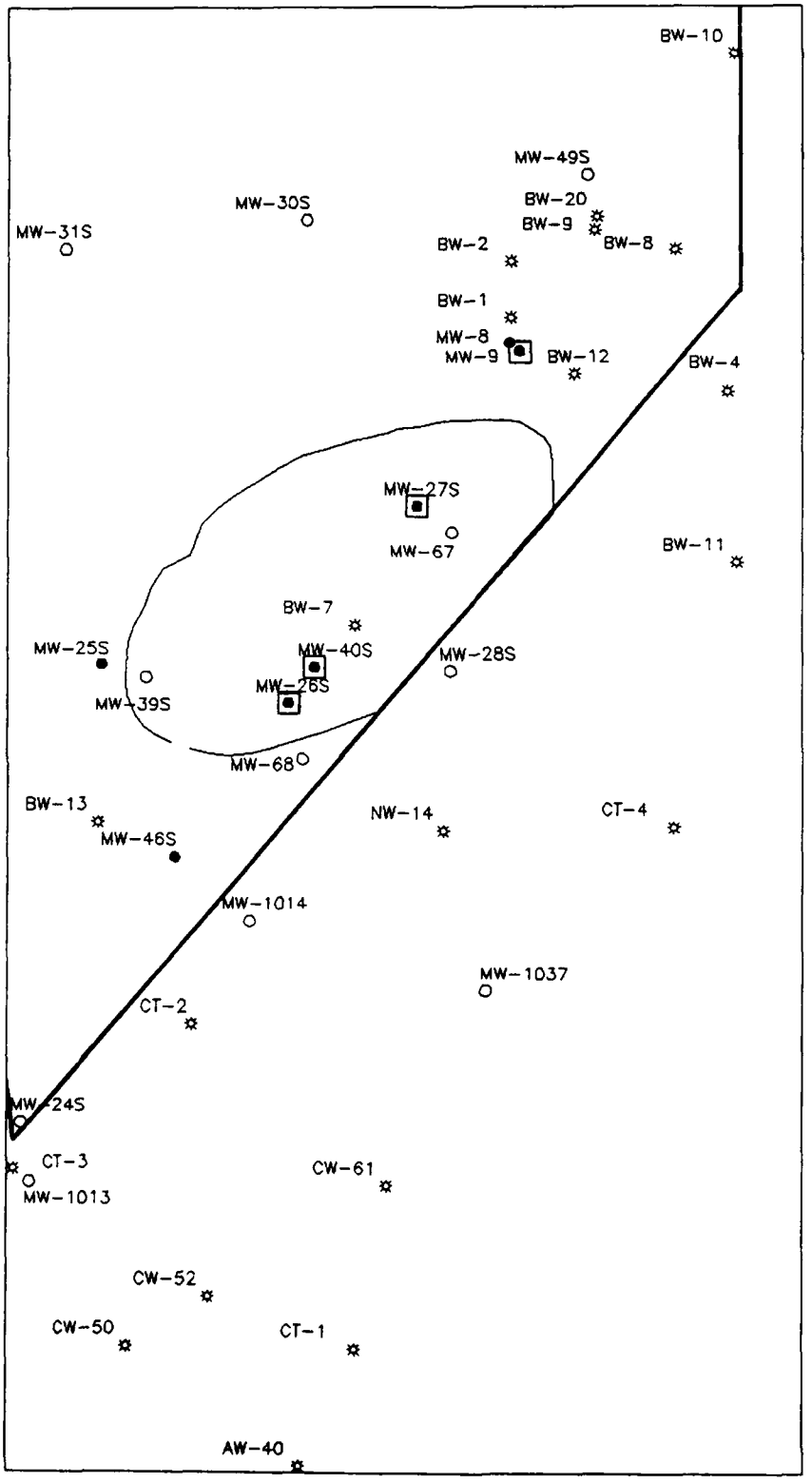
TABLE 3-5. RANGES OF DETECTABLE CONCENTRATIONS FOR KEY ANALYTES a IN MONITORING WELLS LOCATED IN THE SOUTHEAST AREA FROM 1985 TO 1988, McCLELLAN AFB

Groundwater Monitoring Zone	Analyte	Minimum Concentration Detected	Maximum Concentration Detected
		All units are ug/l.	
Shallow	No Key Analytes were detected in this zone		
Middle	1,1-Dichloroethene	6.5	6.5
	1,1-Dichloroethane	0.17	0.19
	1,1,1-Trichloroethane	2.5	2.5
	Trichloroethene	1.4	8.9
Deep	1,1-Dichloroethene	0.75	0.75

a The 10 key analytes and associated action levels are given in the table below.

Key Analyte	DHS Action Level	EPA Primary MCL
Vinyl Chloride	2	1
1,1-Dichloroethene	6	7
1,1-Dichloroethane	20	NE
Total 1,2-Dichloroethene	16	NE
Chloroform	100	100
1,2-Dichloroethane	1	5
1,1,1-Trichloroethane	200	200
Carbon Tetrachloride	5	5
Trichloroethene	5	5
Tetrachloroethene	4	NE

HISTORICAL OCCURRENCE OF TCE IN AREA A / SE SHALLOW MONITORING WELLS



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IN AREA A / SE SHAL
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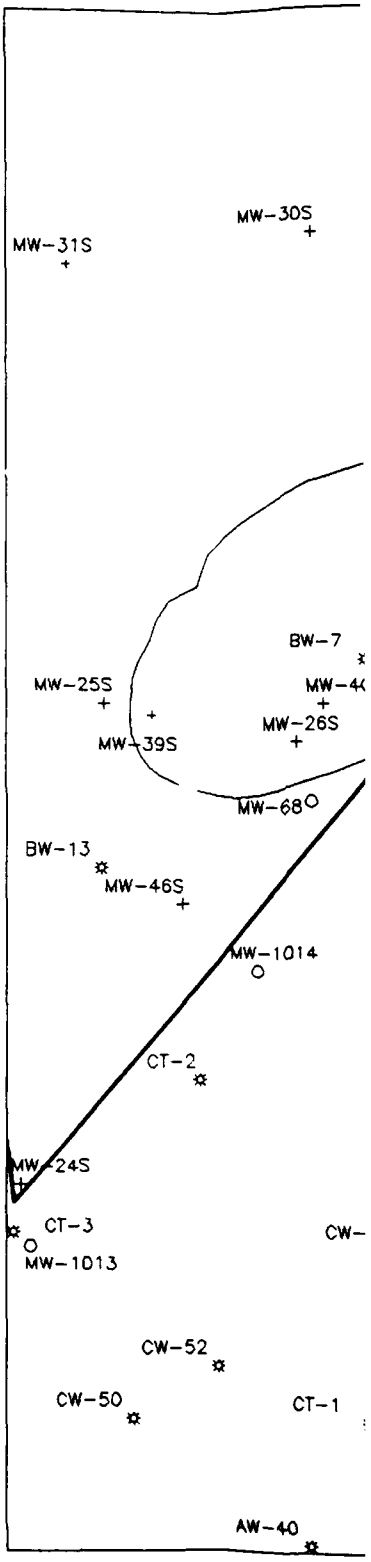

MOST RECENT OCCURRENCE OF TCE
AREA A / SE SHALLOW MONITORING WELLS
(OCTOBER 1988)

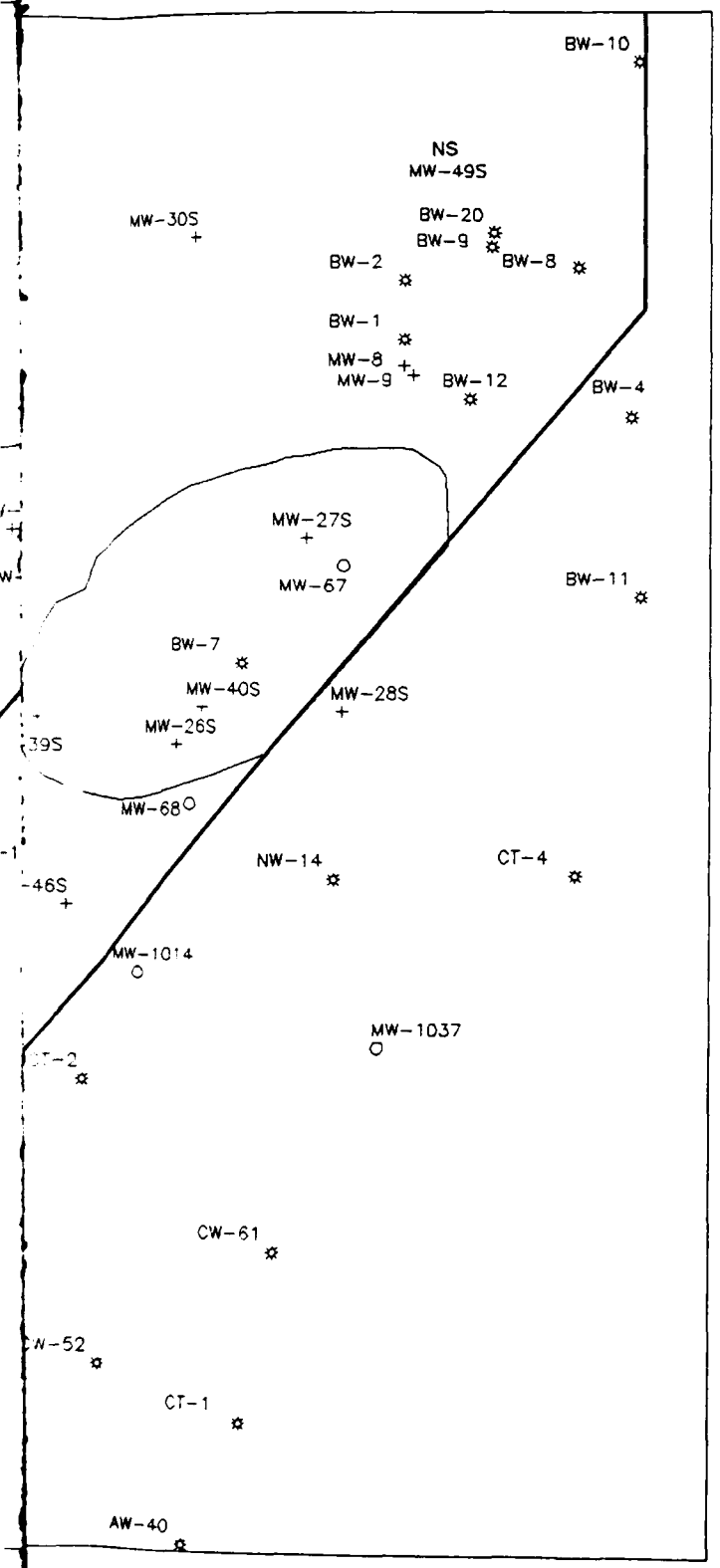

Figure 3-6.
Historical & Present Occurrence of TCE in Shallow Zone Monitoring Wells, Area A & the Southeast Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

○	TCE Not Detected
●	TCE Concentrations Below Standard
◉	TCE Concentrations Above Standard
EW	Extraction Well
+	Dry or Abandoned Well
✡	Other Wells
NS	Not Sampled

OTHER WELLS

BW	Base Water Supply Well
CW	City of Sacramento Water Supply Well
NW	Northridge Water District Water Supply Well
RW	Rio Linda Water District Water Supply Well
AW	Arcade Water District Water Supply Well
CT	CalTrans Irrigation Well

N

0 750 1500
SCALE IN FEET

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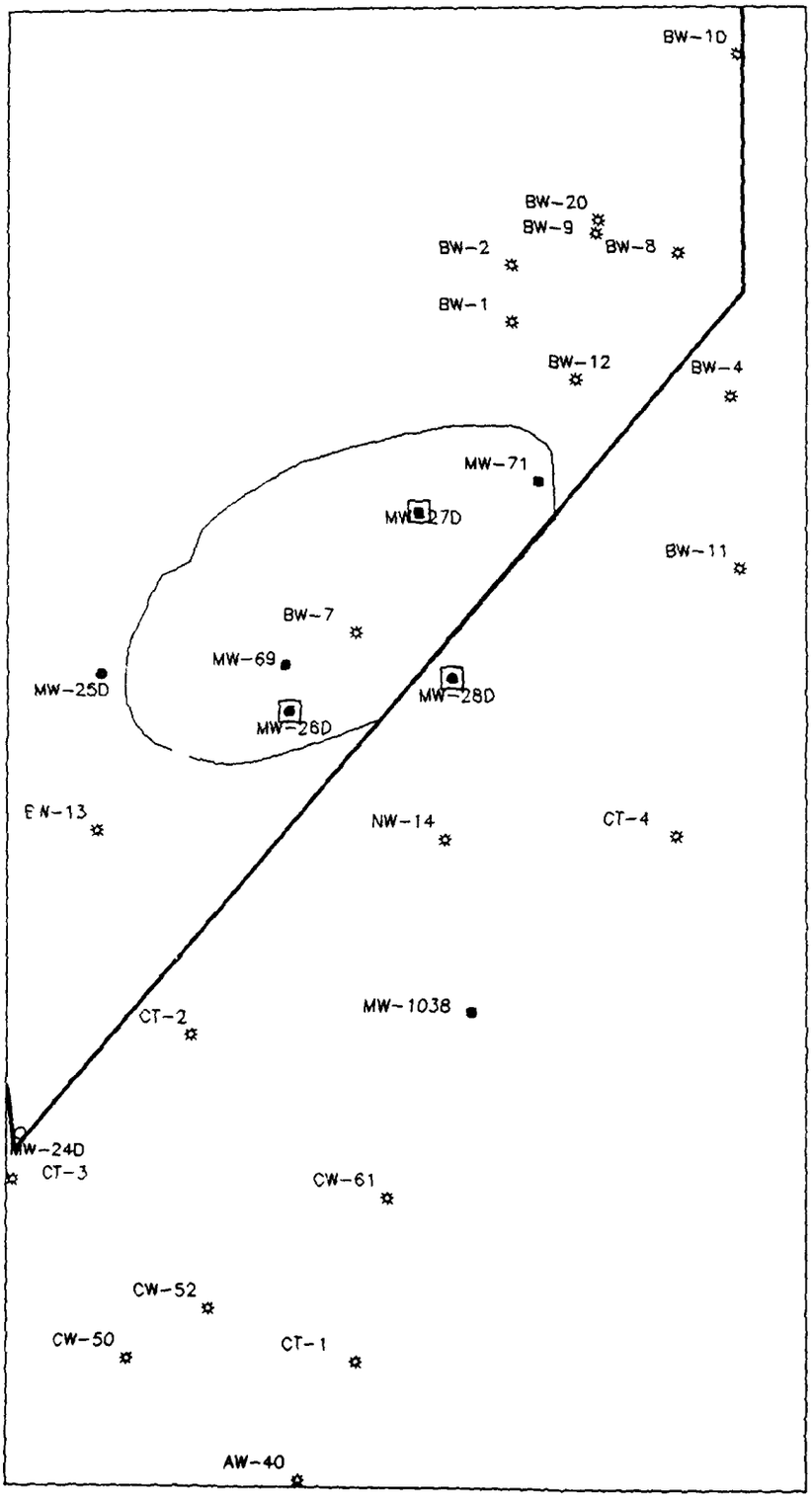
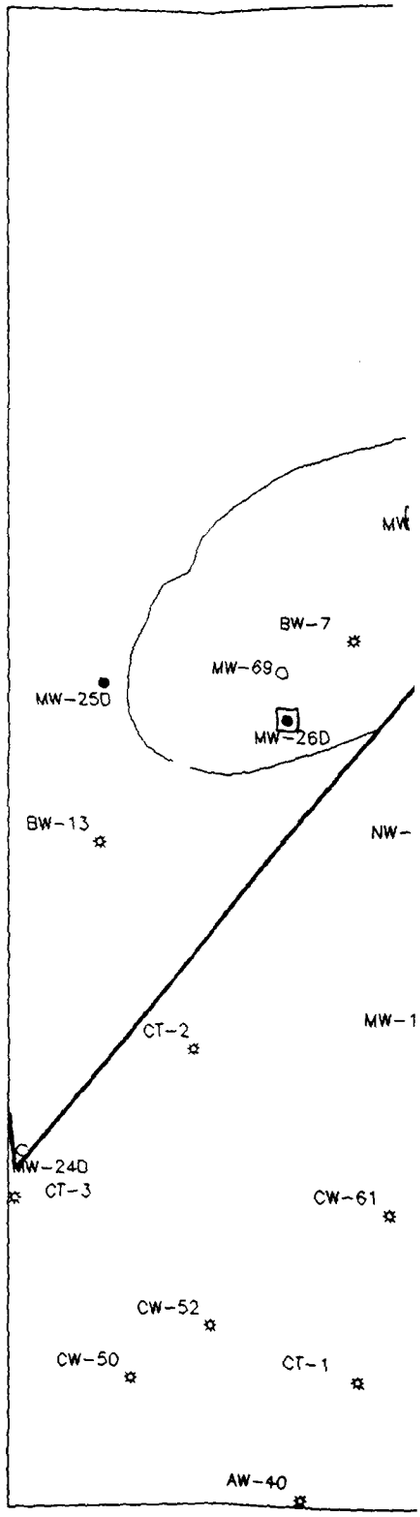
HISTORICAL OCCURRENCE OF TCE IN AREA A / SE MIDDLE MONITORING WELLS



MOST RECENT OC
IN AREA A / SE MIDDL
(OCTOB



MOST RECENT OCCURRENCE OF TCE
N AREA A / SE MIDDLE MONITORING WELLS
(OCTOBER 1988)

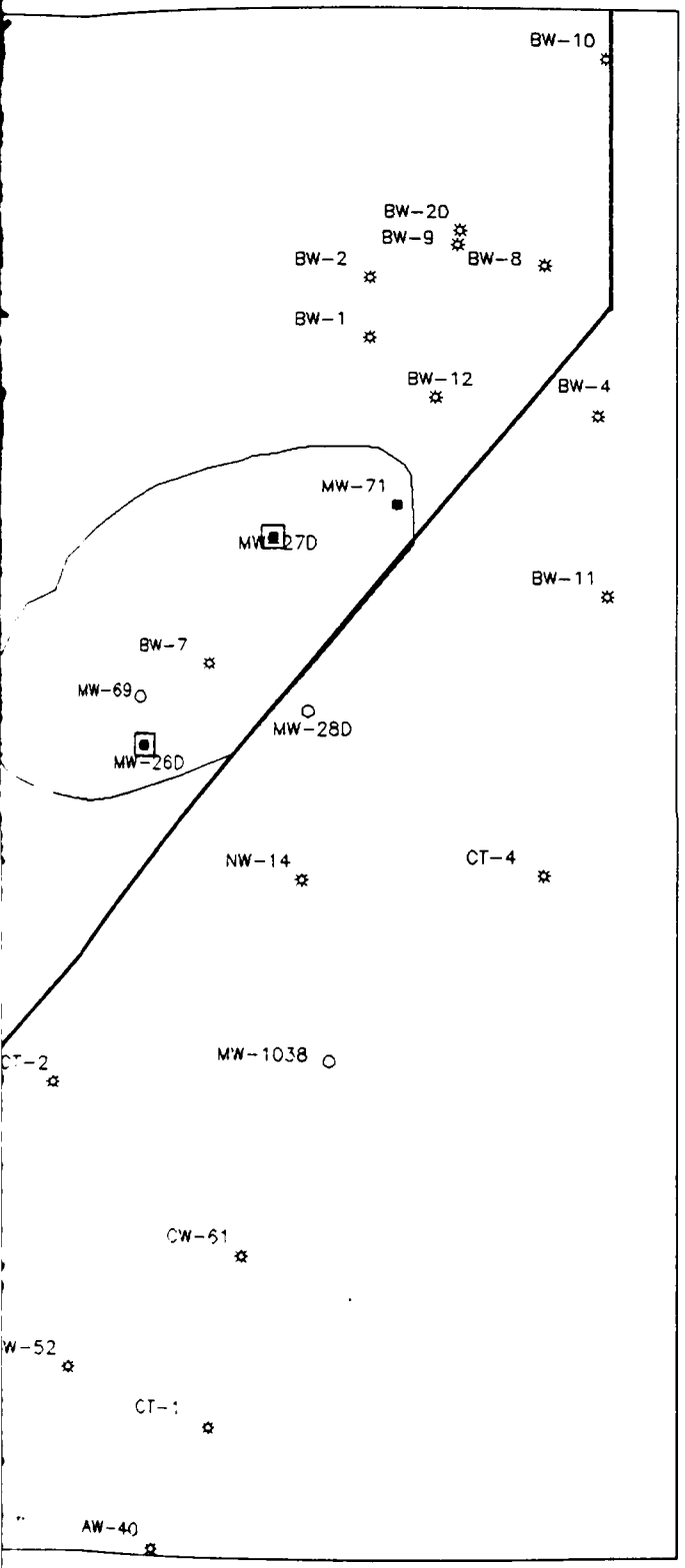


Figure 3-7.
Historical & Present Occurrence of TCE in Middle Zone Monitoring Wells, Area A & the Southeast Area.

LEGEND:

McClellan AFB Boundary

Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

○	TCE Not Detected
●	TCE Concentrations Below Standard
◉	TCE Concentrations Above Standard
EW	Extraction Well
+	Dry or Abandoned Well
✡	Other Wells
NS	Not Sampled

OTHER WELLS

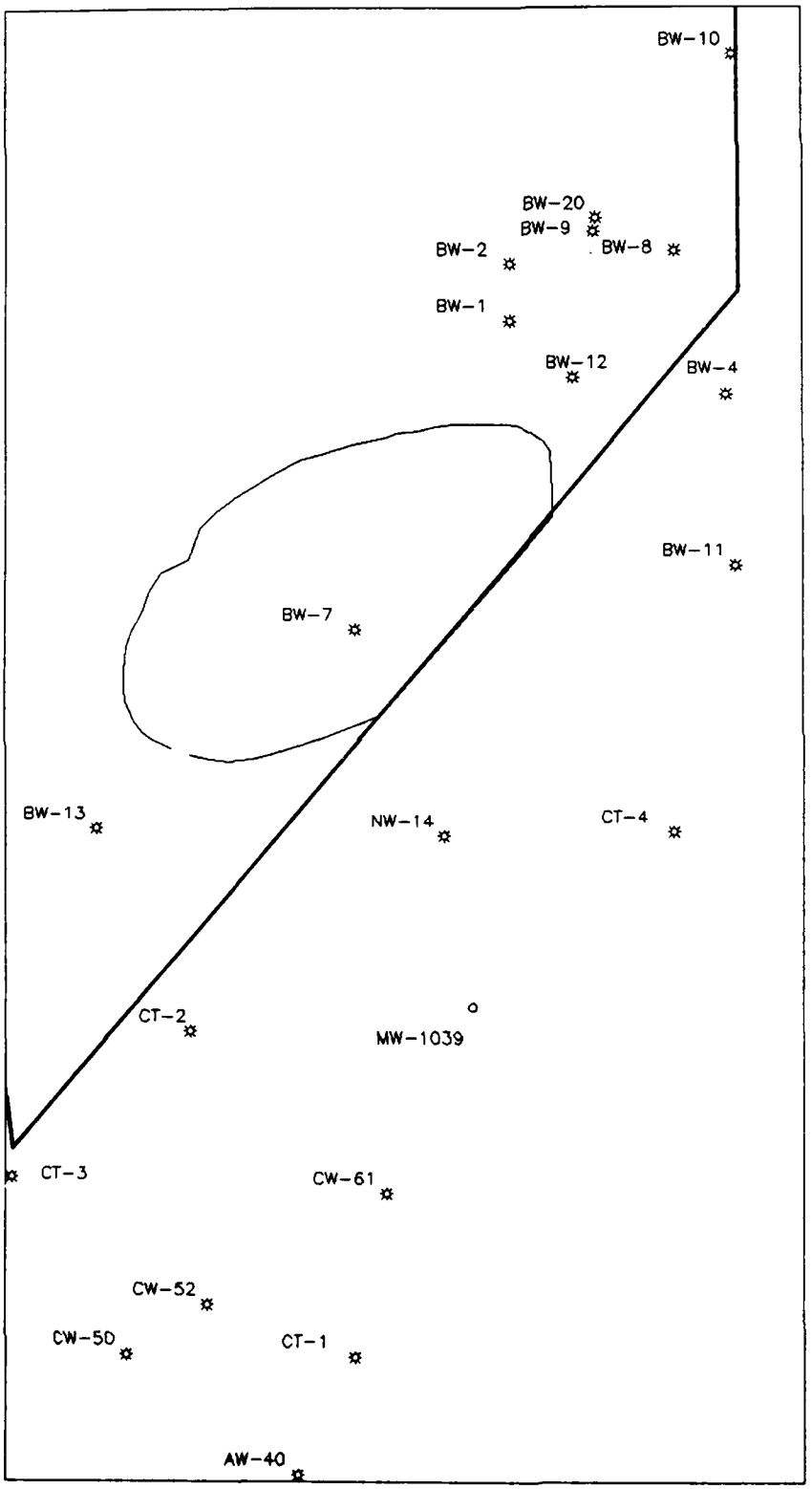
BW	Base Water Supply Well
CW	City of Sacramento Water Supply Well
NW	Northridge Water District Water Supply Well
RW	Rio Linda Water District Water Supply Well
AW	Arcade Water District Water Supply Well
CT	CalTrans Irrigation Well

N

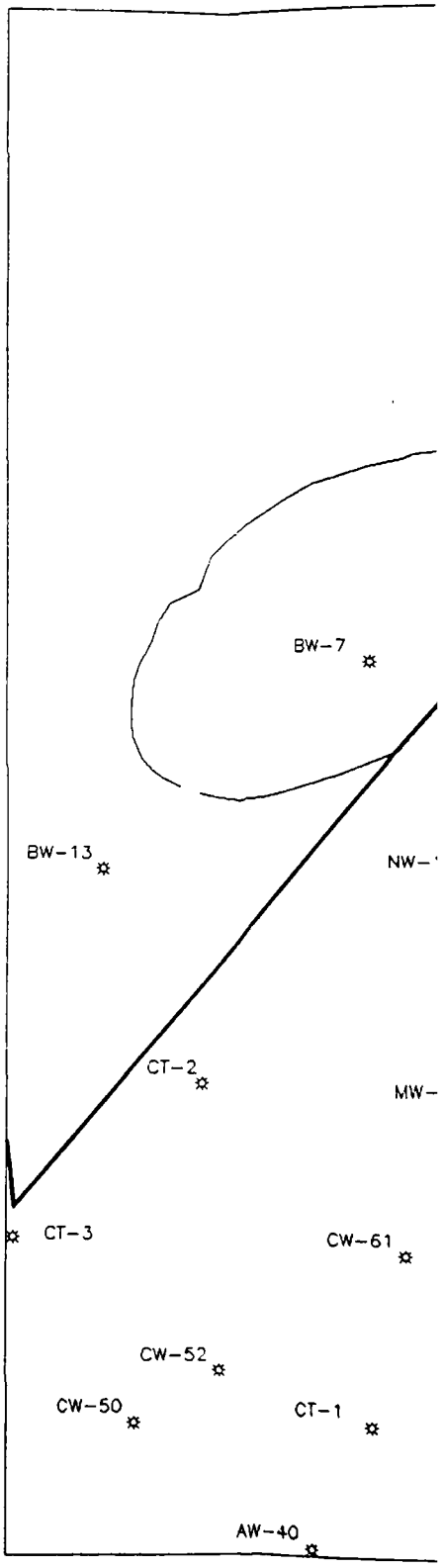
0 750 1500
SCALE IN FEET

RADIAN CORPORATION

HISTORICAL OCCURRENCE OF TCE IN AREA A / SE DEEP "A" MONITORING WELLS



MOST RECENT OCCU IN AREA A / SE DEEP "A" (OCTOBE



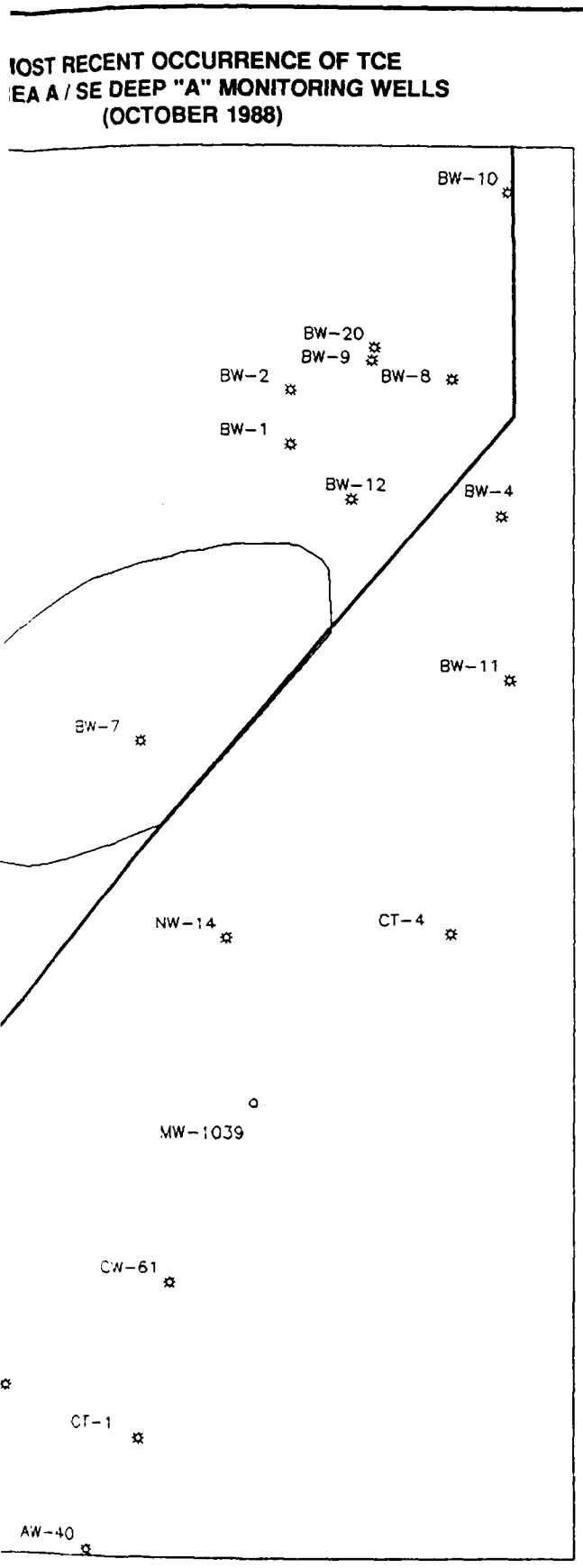


Figure 3-8.
Historical & Present Occurrence of TCE in Deep "A" Zone Monitoring Wells, Area A & the Southeast Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- \+ Dry or Abandoned Well
- ✡ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

N

0 750 1500

SCALE IN FEET

RADIAN CORPORATION

3.1.4 Trend Analysis

The only well in Area A which has been sampled enough times to be analyzed for long term trends is MW-27D. No statistically verifiable trends have been found in this well. As analytical data is collected from other monitoring wells in this area, they will be evaluated for concentration trends.

3.1.5 Discussion

Based on the available analytical and hydrologic data, the following observations and interpretations can be presented:

- Contaminants may be migrating southwest from Area A towards Area B as a result of pumping by BW-13, BW-18 and off-base water supply wells CW-131, CW-138, CW-150 and CW-132;

- Groundwater flow patterns appear to have changed as a result of increased pumping by NW-14 and the direction of groundwater flow may now be to the south from Area A; and

- Contaminants have been detected in shallow and middle zone monitoring wells, but there are no monitoring wells screened in the deep zone in Area A to determine the veritical extent of contamination.

As new monitoring wells are installed and additional hydrologic and analytical data are collected, these interpretations will be reviewed and updated to reflect more complete information.

Three single-well aquifer tests using shallow and middle zone monitoring wells have been conducted in Area A by McLaren Engineering and Radian Corporation (McLaren, April 1986; Radian, March 1987). From these tests, values of hydraulic conductivity are estimated to range from 120 to 245 gallons/day/ft^2.

Horizontal hydraulic gradients measured from potentiometric maps for the shallow and middle zone range from 0.003 to 0.005 feet per foot. Effective porosity values have not been determined from field samples but are estimated to be approximately 20 percent based on the types of geologic materials encountered beneath Area A (Fetter, 1980). To estimate groundwater flow rates, these values were used in Darcy's equation $q = k\ i/n$ where:

q is the specific discharge;
K is hydraulic conductivity;
i is the hydraulic gradient; and
n is the effective porosity

Groundwater flow beneath Area A, Adjacent On-Base Areas, and the Southeast Area is estimated to range from 0.3 to 0.8 feet per day. These are preliminary estimates of groundwater flow rates based on the results of three single-well aquifer tests and limited water level information. Because the pumping rates for BW-10, BW-18, and other off-base water supply wells may change, hydraulic gradients and groundwater flow directions may also change. A re-evaluation of the data will be conducted in the future.

The results of analyses for wells sampled in Area A and Adjacent On-Base Areas since 1985 show that carbon tetrachloride is fairly unique to Area A. Therefore, it is a good indicator of contaminant migration within and away from Area A. Carbon tetrachloride has consistently been detected in a middle zone monitoring well, MW-27D, located in the northeast portion of Area A. Carbon tetrachloride also has been consistently detected in samples collected from BW-13 located southwest of Area A. At the present there are no known potential source areas in the vicinity of BW-13 from which carbon tetrachloride may have been discharged. Because there are no known sources near BW-13, but carbon tetrachloride has been detected in samples from this well, and because groundwater appears to flow to the southwest from Area A, contaminated groundwater may be migrating from Area A southwest toward BW-13.

Due to the apparent southwesterly groundwater flow, contaminants may also be migrating towards BW-18 in Area B. In October 1987, regular pumping of BW-13 was discontinued because levels of carbon tetrachloride were found to exceed drinking water standards. As a result of the pumping of BW-18 and other off-base water supply wells (CW-132, CW-150, and CW-155), there appears to be a southwesterly groundwater flow beneath Area A. This may be causing migration of contaminants from Area A toward Area B.

In October 1988, NWD increased the pumping rate of NW-14 from 400 to 1,200 gpm. This well is located approximately 1200 feet south of Area A and is screened from 200 to 623 feet below the surface. Prior to October 1988, NW-14 operated only during peak demand summer months at an approximate rate of 400 gpm. As a result of the increased pumping rate and deep screen interval, contaminants from Area A may begin to migrate in groundwater off base toward NW-14. Contaminant migration may also occur vertically as well as horizontally.

In summary, there is evidence of contamination in Area A based on the historical occurrence of contaminants in monitoring wells that are now dry, and based on existing contamination detected over the past year. The effect of both on- and off-base pumping on local groundwater flow directions cannot be determined from the potentiometric maps generated for data collected from the existing monitoring wells. Additional hydrologic and analytical data will be obtained when additional monitoring wells are installed under the HGA Work Plan (Radian, October 1988). This will help to better define groundwater flow directions and the extent of groundwater contamination.

3.2 Area B and Adjacent On-Base Areas and the Southwest Area

Area B is located in the southwest portion of the base (Figure 3-1). The boundary of Area B was determined by CH2M Hill based on historic waste use and disposal activities identified during record searches conducted in 1981. Since 1981, other potential release locations have been identified beyond the

boundaries established by CH2M Hill. Potential release locations located outside of the Area B boundary are referred to as "Adjacent On-Base Areas." The Southwest Area is the area immediately off base, southwest of Area B. This Area is discussed together with Area B because of the potential influence of the base water supply well BW-18 on groundwater flow directions in the Southwest Area.

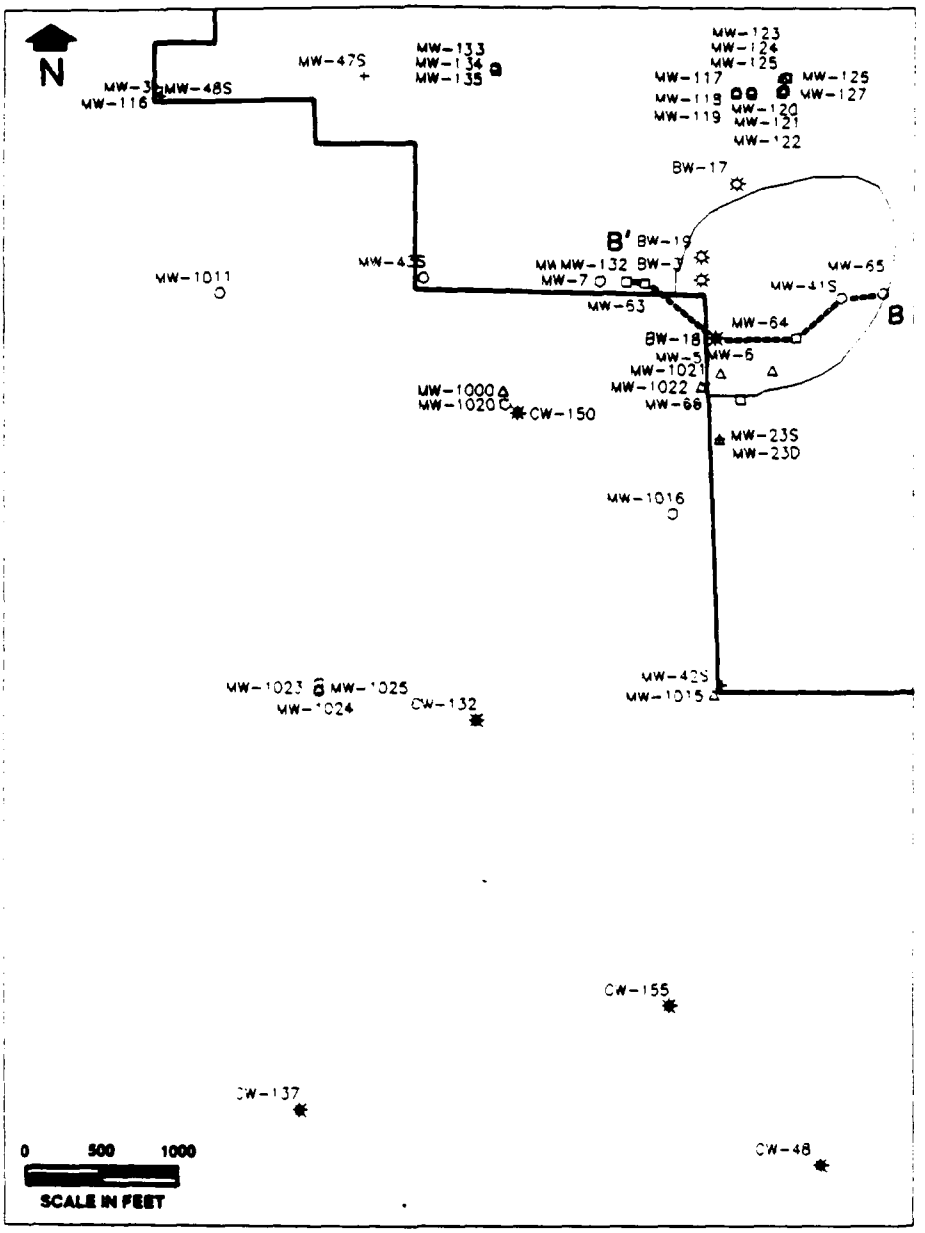
Past industrial operations in Area B include the storage, use, and/or disposal of solvents, polychlorinated biphenols, heavy metals and plating chemicals, oil and grease, refuse, scrap metals, and low-level radioactive wastes (McLaren, 1985).

Groundwater contamination was detected in Area B in 1979 following analysis of groundwater samples collected from base water supply well BW-18. Subsequent sampling of off-base residential wells and municipal water supply wells located in the Southwest Area identified the presence of TCE in City of Sacramento water supply well CW-150 and one residential well. A wellhead treatment system at BW-18 has been in place since 1985 to remove organic chemicals such as TCE from the water. Sampling and analysis of BW-18 is currently being conducted at McClellan AFB to ensure contaminants are effectively removed by the treatment system.

There are 30 monitoring wells and 5 abandoned wells located in Area B and Adjacent On-Base Areas. There are 10 monitoring wells located in the Southwest Area (Figure 3-9). Of these, 18 are currently included in the McClellan AFB groundwater monitoring network and 12 are non-network wells (Table 3-6 and 3-7).

3.2.1 Potential Sources of Groundwater Contamination

There are 19 UPRLs, 3 PSPRLs, and 2 Confirmed Sites located in Area B and Adjacent On-Base Areas (Figure 3-10). The two confirmed sites are an abandoned plating shop (Building 666) that has been disassembled, and an abandoned industrial waste treatment plant. The types of PRLs in Area B and



LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites
- Cross Section Locations

Monitoring Wells:

- ○ Shallow Zone
- △ Middle Zone
- □ Deep "A" or "B" Zone
- \+ Dry Well

Other Wells:

- ⌀ Extraction Well
- ✱ Active Water Supply Well
- ☼ Inactive Water Supply Well

Figure 3-9. Wells Located in Area B and Adjacent On-Base Areas, and the Southwest Area.

TABLE 3-6. MONITORING WELLS LOCATED IN AREA B AND ADJACENT ON-BASE AREAS

Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells[b]	Abandoned (Grouted)	Total Number of Wells
Shallow	MW-41S[a] MW-117[a] MW-120[a]	MW-7[a] MW-65[a] MW-123[a]	None	MW-23S MW-42S MW-43S MW-47S MW-48S	11
Middle	MW-23D MW-121	MW-5 MW-6[a] MW-118[a] MW-124[a]	None		6
Deep "A"	MW-63[a] MW-122	MW-64 MW-66 MW-119 MW-125 MW-127[a]	None		7
Deep "B"	MW-132[a]		None		1
Total Number of Wells	8	12	0	5	25

[a] Samples collected from this well have contained TCE.

[b] Under consideration for abandonment.

TABLE 3-7. MONITORING WELLS LOCATED IN THE SOUTHWEST AREA

Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells	Total Number of Wells
Shallow	MW-1011 MW-1016 MW-1020[a] MW-1021[a] MW-1023	None	None	5
Middle	MW-1000[a] MW-1015 MW-1022[a] MW-1024	None	None	4
Deep "A"	MW-1025	None	None	1
Total Number of Wells	10	0	0	10

[a] Samples from this well have contained TCE.

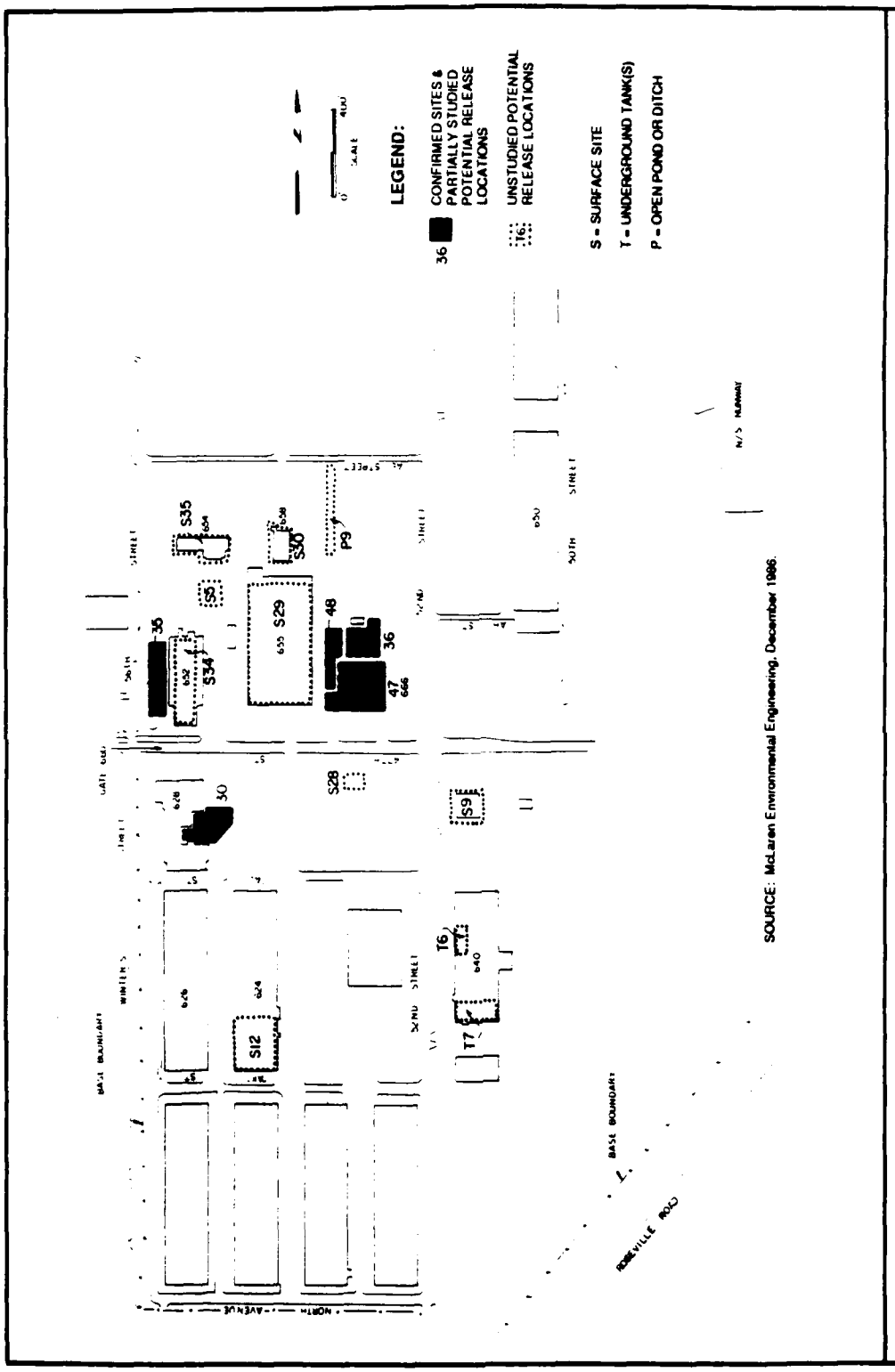


Figure 3-10. Confirmed Sites, Partially Studied Potential Release Locations, & Unstudied Potential Release Locations in Area B, McClellan AFB

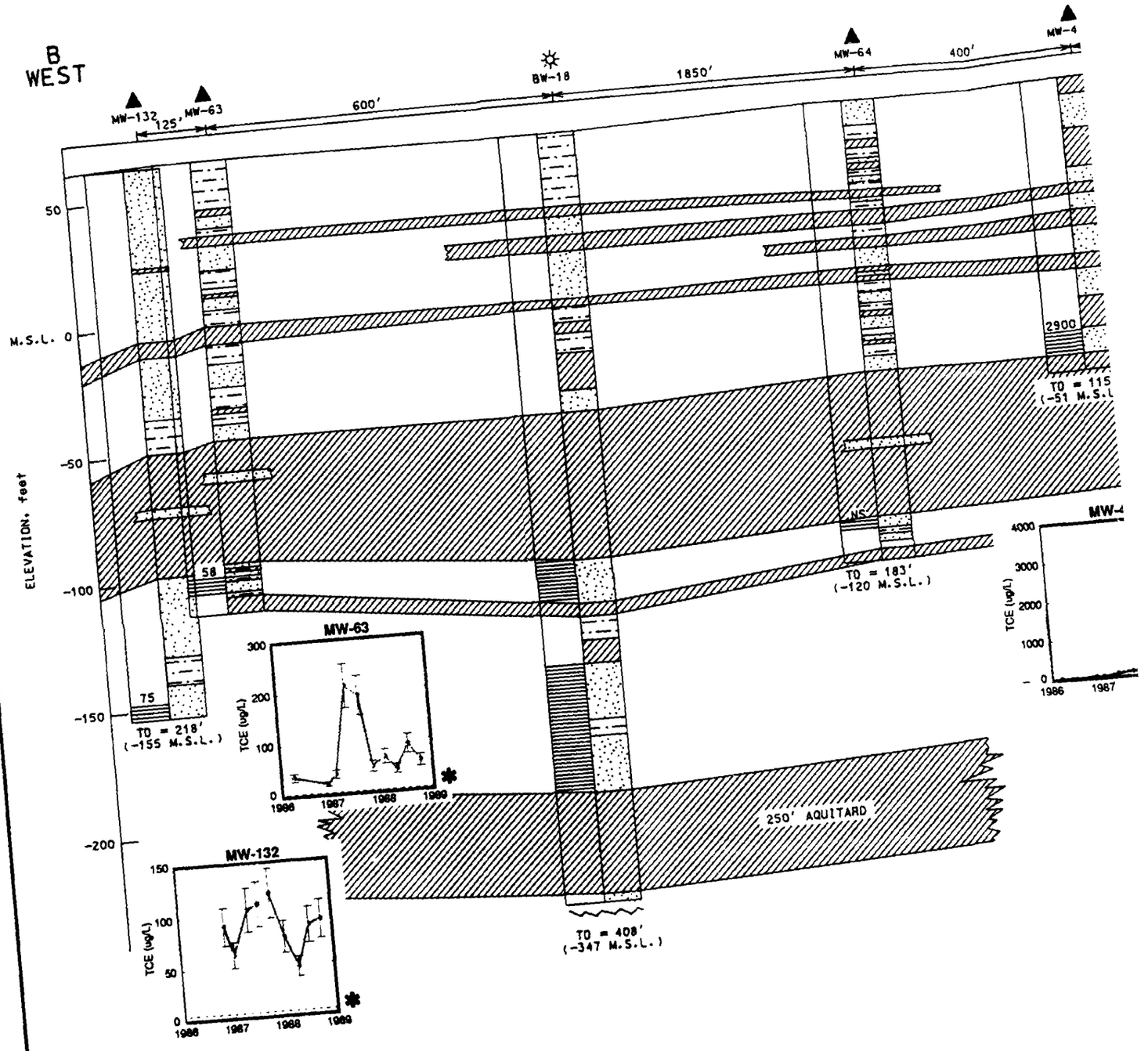
Adjacent On-Base Areas and the chemicals that are suspected or confirmed to have been used, stored, and/or disposed at each area are included in Appendix A-4. Descriptions presented in the appendix are based on information provided by (McLaren, (1986) CH2M Hill, (1981) and the McClellan AFB Office of Environmental Management.

3.2.2 Hydrogeologic Data

Soils in the vicinity of Area B are designated as Urban Land (covered by concrete, asphalt, or buildings). This is typical for most of the base where industrial activities have occurred. The types of soils that may be present beneath Area B were extrapolated from the types of soils in adjacent open areas of Area B and the Southwest Area. Soils in the Southwest Area and immediately west of Area B are designated as San Joaquin-Urban Land Complex or Xeralfic Arents-Urban Land Complex respectively. Soils of the San Joaquin Complex consist of sandy loams, silty loams and clays underlain by a strongly indurated silica cemented hardpan. The Xeralfic Arents Complex consists of sandy loams, sandy clay loams, clay loams, loamy sands, and clays and are underlain by a weakly cemented hardpan. Permeability of the Xeralfic Arents and San Joaquin Complex is moderate to very slow (USDA, 1986).

A west to east cross section depicting subsurface deposits beneath a portion of Area B and Adjacent On-Base Areas is shown in Figure 3-11. The surface trace of the cross section is shown in Figure 3-9. As shown on the cross section, materials encountered beneath this area of the base and off-base in the Southwest Area consist of alternating deposits of sands, silts and clayey silts. In addition, there appears to be a fine-grained zone of clayey silts at a depth of -50 to -100 feet msl.

There are thirty monitoring wells located in Area B and Adjacent On-Base Areas and in the Southwest Area from which water levels can be measured. Water levels are measured every three months in 19 of these wells (18 network wells and one non-network well screened in the deep "A" monitoring zone [MW-66]). Water levels are not measured in the remaining eleven non-



* DHS and EPA Action Levels equal to 5ug/L

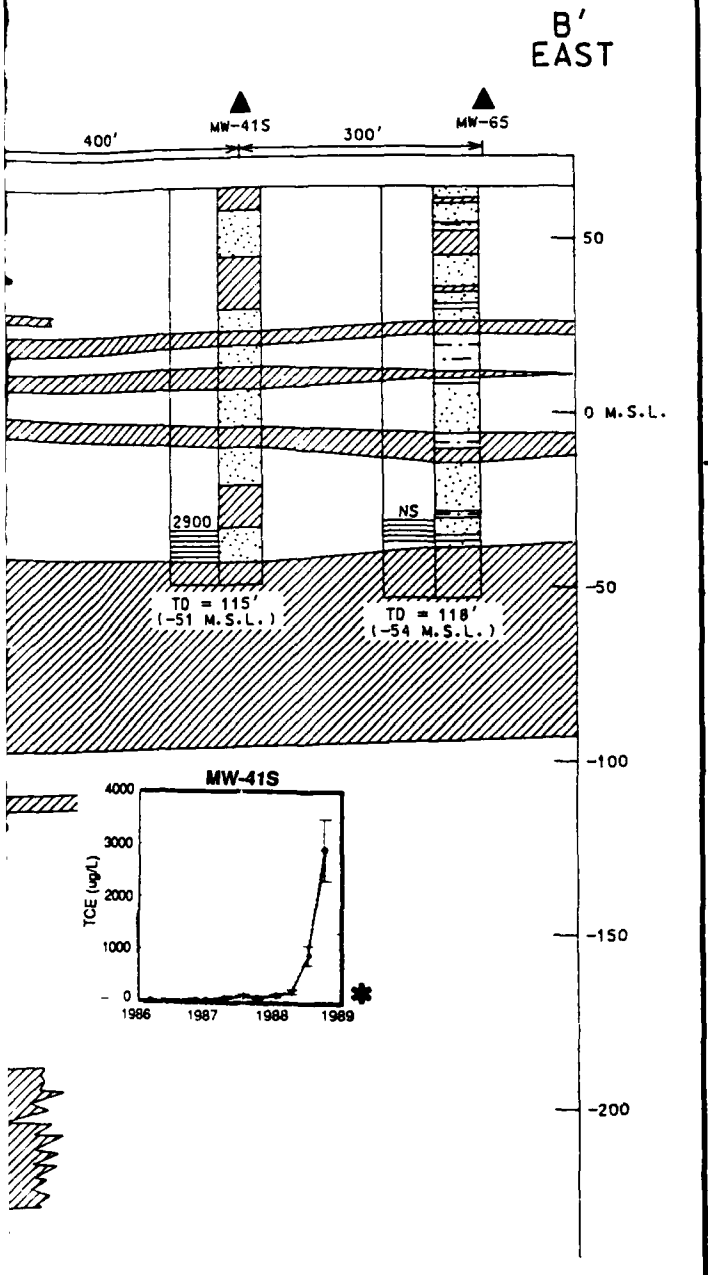


Figure 3-11.
Subsurface Profile, Area B

LEGEND

▲	MONITORING WELL (MW)
■	EXTRACTION WELL (EW)
✲	BASE PRODUCTION WELL (BW)
M.S.L.	MEAN SEA LEVEL
TD	TOTAL DEPTH
	SAND
	SILT
	CLAYEY SILT
	NO DATA
	SCREEN INTERVAL

SCALE

HS: 1" ≈ 250'
VS: 1" ≈ 54'
VE ≈ 4.6

NOTE: TCE CONCENTRATIONS ARE REPORTED NEXT TO SCREEN INTERVALS IN ug/l FOR OCTOBER THROUGH DECEMBER, 1988 SAMPLING PERIOD.
ND = NOT DETECTED

GENERATED BY: [signature] 7-20-89
PROJECT REVIEW: [signature] 7-21-89
PEER REVIEW: [signature] 7-21-89

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network monitoring wells because the existing network wells were determined in previous studies conducted by Radian (October, 1987) to be appropriately spaced to provide adequate information or because wells contain an extended screen interval and therefore are not suitable for water level measurements of one monitoring zone.

The direction of groundwater flow in Area B and Adjacent On-Base Areas and in the Southwest Area is to the southwest except in the immediate vicinity of BW-18 based on the interpretations of the potentiometric surface maps (Plates 2, 3, and 4) produced from water levels measured in 1988. A cone of depression is apparent in Area B in the middle monitoring zone (Plate 3) as a result of pumping of BW-18, but is not evident on the maps for the shallow or deep monitoring zones. BW-18 is screened at four depths, from -108 to -124 ft msl, from -149 to -199 ft msl, from -243 to -288 ft msl and from -317 to -326 ft msl. The maps (Plate 2) for the shallow monitoring zone shows some influence of BW-18 pumping on the contours. There are four deep "A" zone monitoring wells located in Area B and the Southwest Area that can be used to define the effect of pumping on local groundwater flow. The potentiometric maps for the deep monitoring zone in the areas reflect the lack of hydrologic control.

Off-base water supply wells located in the Southwest Area operated by the City of Sacramento (CW-150, CW-132, and CW-131) also influence the direction of groundwater flow. However, their effect cannot be accurately determined because existing monitoring wells are not located near these off-base water supply wells. City Well-150 is screened from 144 to 372 ft BGS (approximately -90 to -320 feet msl), CW-132 is screened from 192 to 234 ft BGS (approximately -140 to -180 feet msl) and CW-131 is screened from 150 to 280 ft BGS (approximately -100 to -230 feet msl). To aid in further evaluations of the groundwater flow regime in this area, Radian has proposed the installation of several monitoring well clusters (consisting of shallow, middle, and deep "A" and deep "B" zone monitoring wells) within, northeast, and southeast of Area B as part of the Area B Operable Unit Remedial Investigation (Radian, February 1989). Some of these monitoring wells are

scheduled to be constructed in March 1989. Measurement of water levels in these wells will better define the direction of groundwater flow in Area B and the Southwest Area.

There have not been any significant changes in groundwater flow directions in Area B and Adjacent On-Base Areas and in the Southwest Area during 1988. Based on water-level measurements, however, there have been changes in horizontal and vertical hydraulic gradients. Table 3-8 shows the estimated horizontal and vertical hydraulic gradients, respectively, for water-level data collected in October 1987 and October 1988 in Area B and Adjacent On-Base Areas and in the Southwest Area. In general, horizontal hydraulic gradients have steepened in this area of the base during 1988 and are steepest near BW-18. Vertical hydraulic gradients show a downward potential for water movement.

3.2.3 Horizontal and Vertical Distribution of Contaminants

Thirty-one monitoring wells located in Area B and Adjacent On-Base Areas and in the Southwest Area have been sampled and analyzed by Radian since June of 1985. Samples collected from 16 of these wells have contained detectable concentrations of 10 key analytes. The minimum and maximum detected concentrations of key analytes from 1985 through 1988 are shown in Table 3-9 and 3-10.

Of the 10 key analytes, TCE is the most frequently detected. A comparison of the historical occurrence of TCE versus the most recent detection of TCE is shown in Figures 3-12, 3-13, 3-14, and 3-15. As shown in the figures, monitoring wells that have historically contained TCE continue to show detectable TCE concentrations except two wells. MW-1000 and MW-1020 are located approximately 1,000 feet west of Area B, and samples from these wells have contained low levels of TCE sporadically.

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TABLE 3-8. GRADIENTS OF SELECTED WELL PAIRS IN AREA B AND THE SOUTHWEST AREA

Well Pair	Monitoring Zone	Vertical or Horizontal Distance (feet)	Head Difference (feet)	Gradients
4Q 85*				
Horizontal				
MW-23S/MW-42S	Shallow	1634	1.58	5.11 ft/mi
MW-23D/MW-66	Middle	294	2.65	47.52 ft/mi
Vertical				
MW-23S/MW-23D	Shallow/Middle	72		0.06 ft/ft
4Q87				
Horizontal				
MW-1016/MW-1021	Shallow	860	0.10	0.61 ft/mi
MW-1015/MW-23D	Middle	1696	4.08	12.70 ft/mi
Vertical				
MW-1021/MW-1022	Shallow/Middle	48	7.38	-0.15 ft/ft
MW-1020/MW-1000	Shallow/Middle	31	0.05	<0.01 ft/ft
MW-120/MW-121	Shallow/Middle	45	2.70	-0.06 ft/ft
4Q88				
Horizontal				
MW-1016/MW-1021	Shallow	860	0.12	0.74 ft/mi
MW-1015/MW-23D	Middle	1695	4.20	13.10 ft/mi
Vertical				
MW-1020/MW-1000	Shallow/Middle	31	0.12	<0.01 ft/ft
MW-120/MW-121	Shallow/Middle	45	3.15	-0.07 ft/ft
MW-121/MW-122	Middle/Deep	58	2.30	-0.04 ft/ft

* From McClaren, February 1986.

Note: negative (-) gradient indicates downward flow potential.

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TABLE 3-9. RANGES OF DETECTABLE CONCENTRATIONS FOR KEY ANALYTES a IN MONITORING WELLS LOCATED IN AREA B AND ADJACENT ON-BASE AREAS FROM 1985 TO 1988, McCLELLAN AFB

Groundwater Monitoring Zone	Analyte	Minimum Concentration Detected	Maximum Concentration Detected
		All units are ug/L	
Shallow	1,1-Dichloroethane	0.21	0.21
	Total 1,2-Dichloroethene	4.9	25
	Chloroform	0.18	5.6
	1,2-Dichloroethane	0.14	2.1
	1,1,1-Trichloroethane	2.3	2.3
	Carbon tetrachloride	0.25	0.71
	Trichloroethene	2.7	2900
	Tetrachloroethene	0.18	370
Middle	Chloroform	0.95	0.95
	1,1,1-Trichloroethane	0.30	0.5
	Trichloroethene	0.2	86.2
Deep	1,1-Dichloroethene	0.24	0.76
	1,1-Dichloroethane	0.15	0.15
	Total 1,2-Dichloroethene	0.64	68
	Chloroform	0.13	1.0
	1,2-Dichloroethane	0.30	0.90
	Trichloroethene	1.3	210
	Tetrachloroethene	0.15	0.15

a The 10 key analytes and associated action levels are given in the table below.

Key Analyte	DHS Action Level	EPA Primary MCL
Vinyl Chloride	2	1
1,1-Dichloroethene	6	7
1,1-Dichloroethane	20	NE
Total 1,2-Dichloroethene	16	NE
Chloroform	100	100
1,2-Dichloroethane	1	5
1,1,1-Trichloroethane	200	200
Carbon Tetrachloride	5	5
Trichloroethene	5	5
Tetrachloroethene	4	NE

NE = not established.
All unit are ug/L.

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TABLE 3-10. RANGES OF DETECTABLE CONCENTRATIONS FOR KEY ANALYTES a IN MONITORING WELLS LOCATED IN THE SOUTHWEST AREA FROM 1985 TO 1988, McCLELLAN AFB

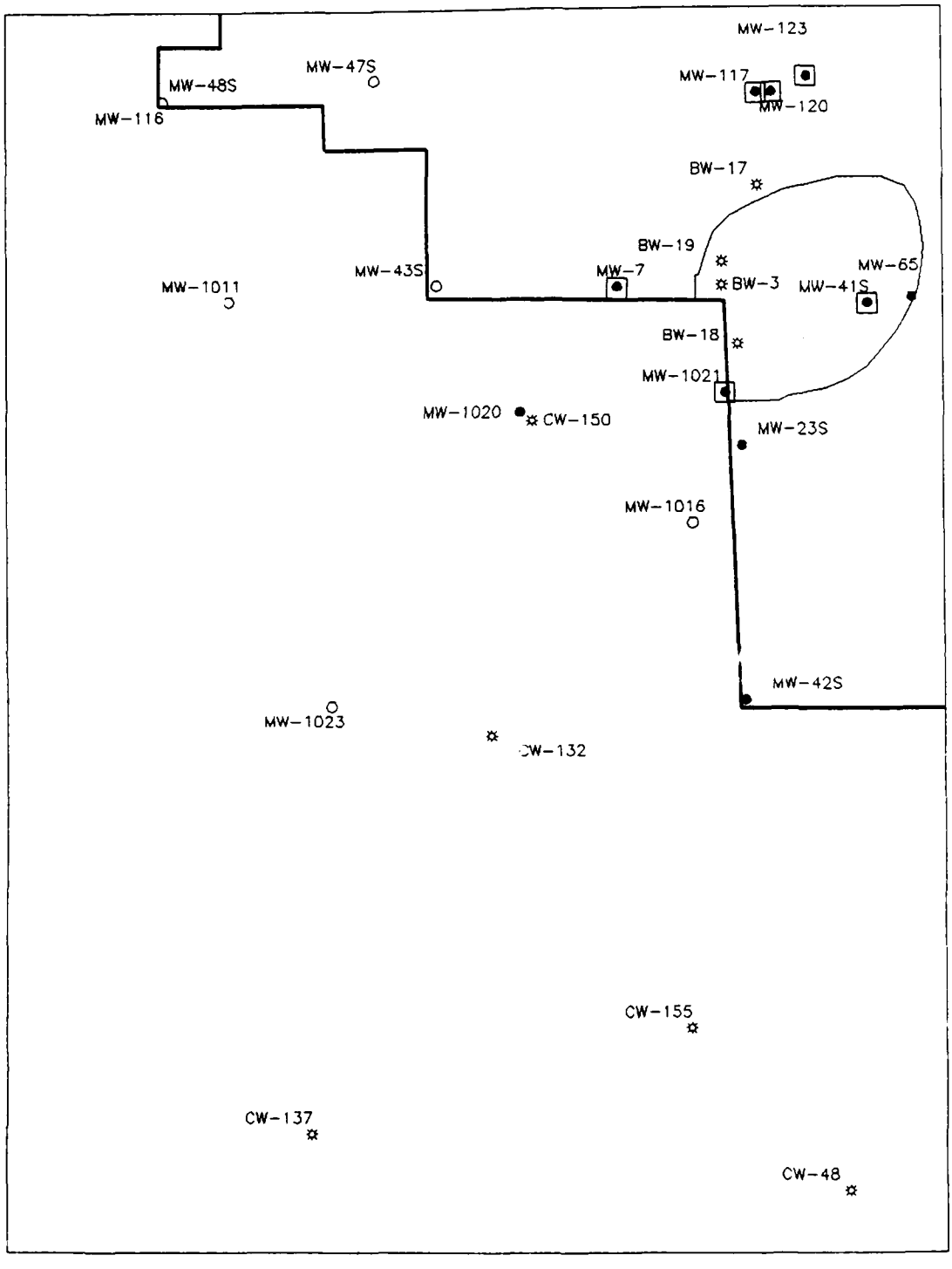
Groundwater Monitoring Zone	Analyte	Minimum Concentration Detected	Maximum Concentration Detected
		All units are ug/L	
Shallow	Total 1,2-Dichloroethene	0.10	12
	Chloroform	0.10	0.33
	1,1,1-Trichloroethane	0.25	0.78
	Carbon tetrachloride	0.24	0.24
	Trichloroethene	0.30	57
	Tetrachloroethene	0.16	5.6
Middle	Total 1,2-Dichloroethene	0.16	25
	Chloroform	0.10	0.49
	1,1,1-Trichloroethane	0.83	0.83
	Trichloroethene	0.30	21
	Tetrachloroethene	0.1	1.0
Deep	No Key Analytes were detected in this zone		

a The 10 key analytes and associated action levels are given in the table below.

Key Analyte	DHS Action Level	EPA Primary MCL
Vinyl Chloride	2	1
1,1-Dichloroethene	6	7
1,1-Dichloroethane	20	NE
Total 1,2-Dichloroethene	16	NE
Chloroform	100	100
1,2-Dichloroethane	1	5
1,1,1-Trichloroethane	200	200
Carbon Tetrachloride	5	5
Trichloroethene	5	5
Tetrachloroethene	4	NE

NE = not established.
All unit are ug/L.

HISTORICAL OCCURRENCE OF TCE IN AREA B / SW SHALLOW MONITORING WELLS



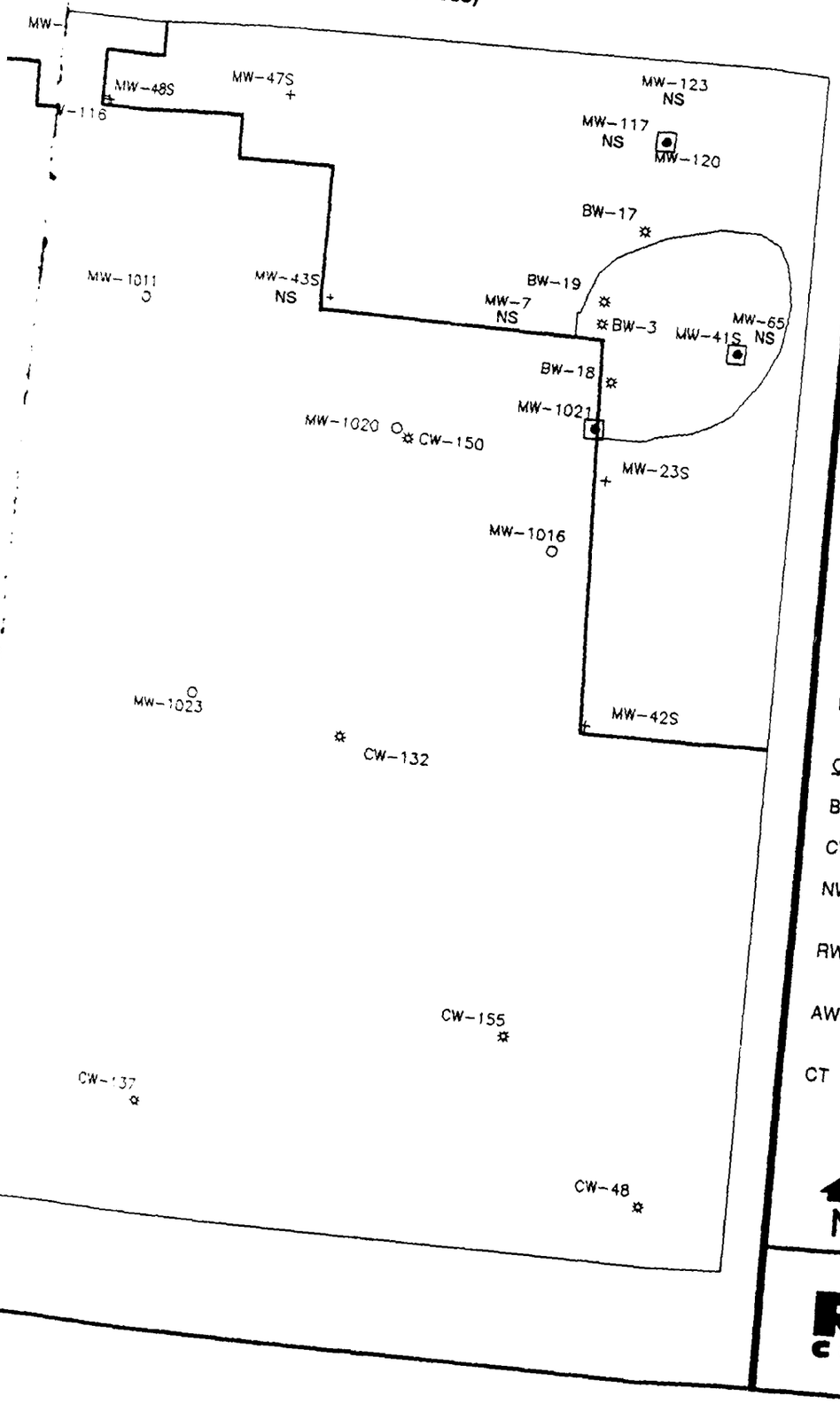


Figure 3-12.
Historical & Present Occurrence of TCE in Shallow Zone Monitoring Wells, Area B & the Southwest Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- \+ Dry or Abandoned Well
- ✲ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

N

0 500 1000

SCALE IN FEET

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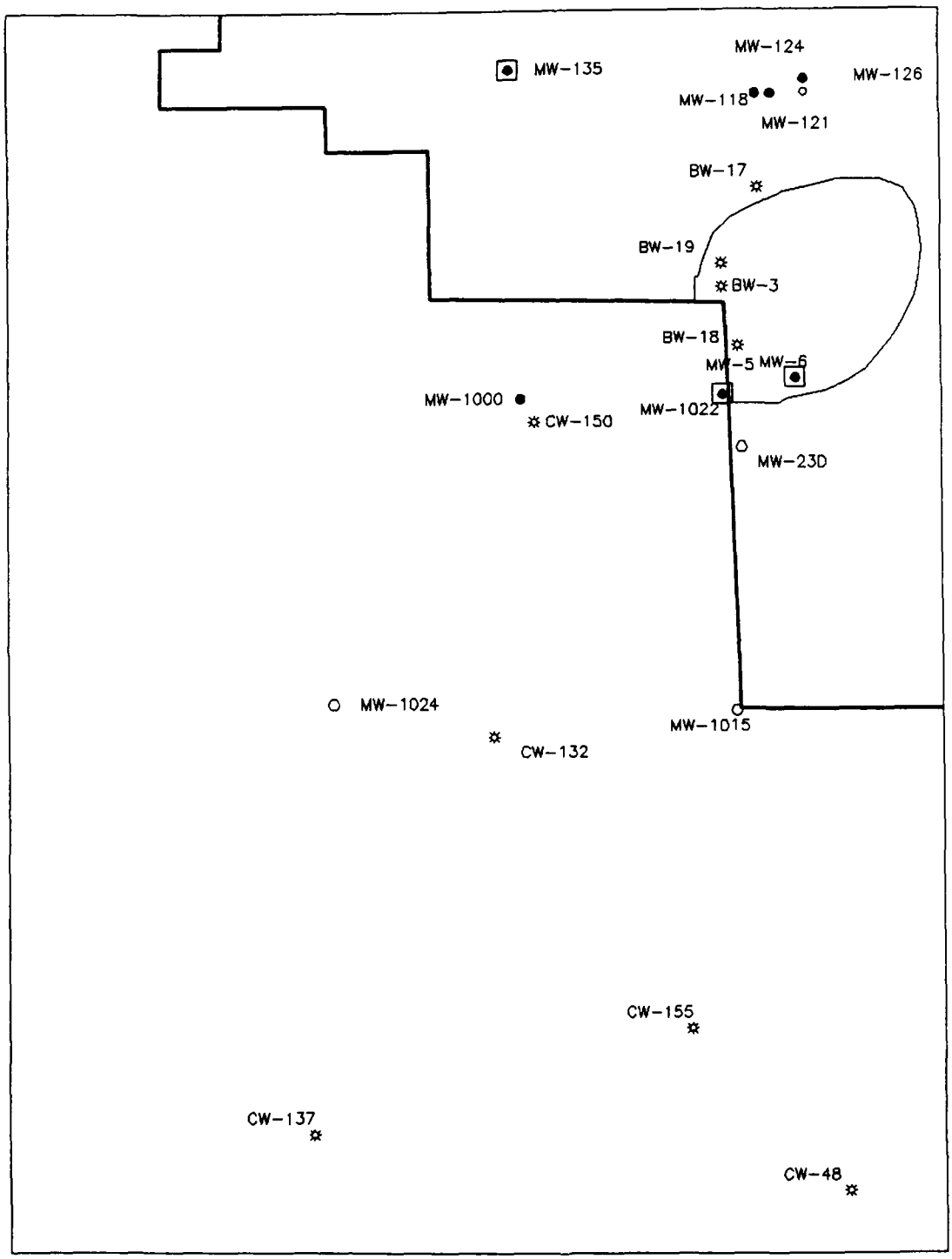
HISTORICAL OCCURENCE OF TCE IN AREA B / SW MIDDLE MONITORING WELLS



MOST RECENT OCCURRENCE OF TCE IN AREA B / SW MIDDLE MONITORING WELLS (OCTOBER 1988)

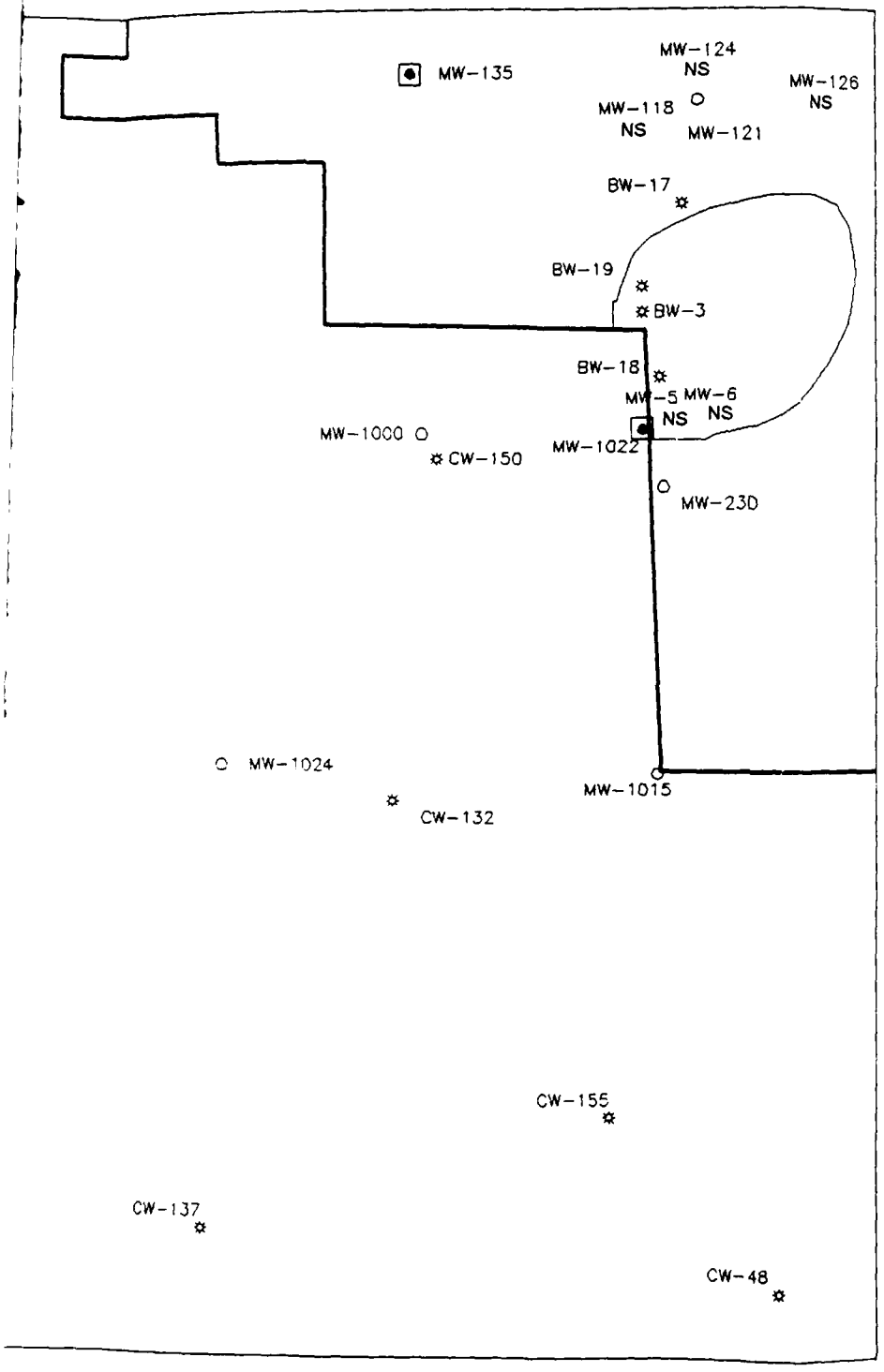


Figure 3-13. Historical & Present Occurrence of TCE in Middle Zone Monitoring Wells, Area B & the Southwest Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- + Dry or Abandoned Well
- ✡ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

N

0 500 1000

SCALE IN FEET

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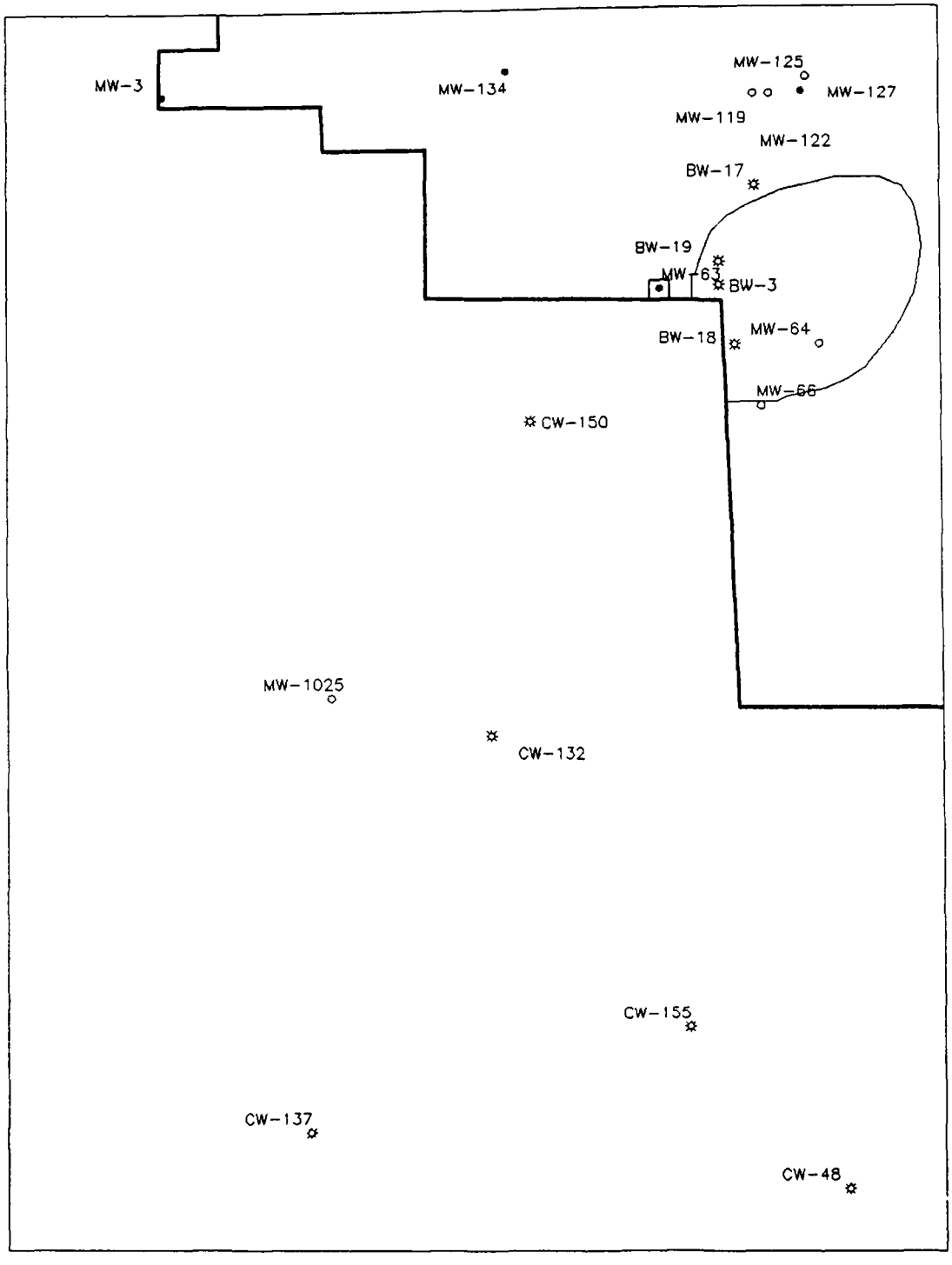
HISTORICAL OCCURRENCE OF TCE
IN AREA B / SW DEEP "A" MONITORING WELLS



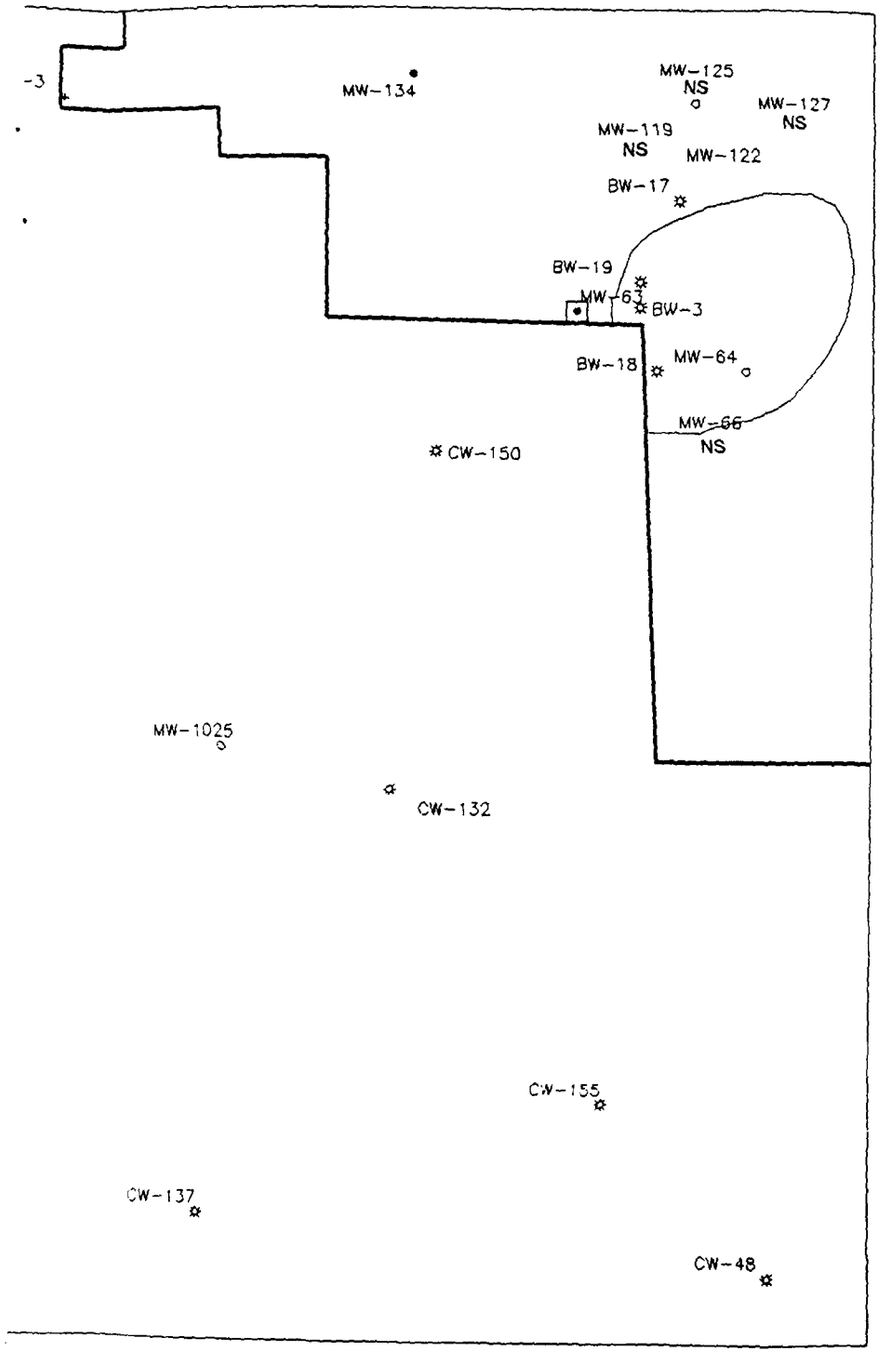


Figure 3-14.
Historical & Present Occurrence of TCE in Deep "A" Zone Monitoring Wells, Area B & the Southwest Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- + Dry or Abandoned Well
- ✲ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

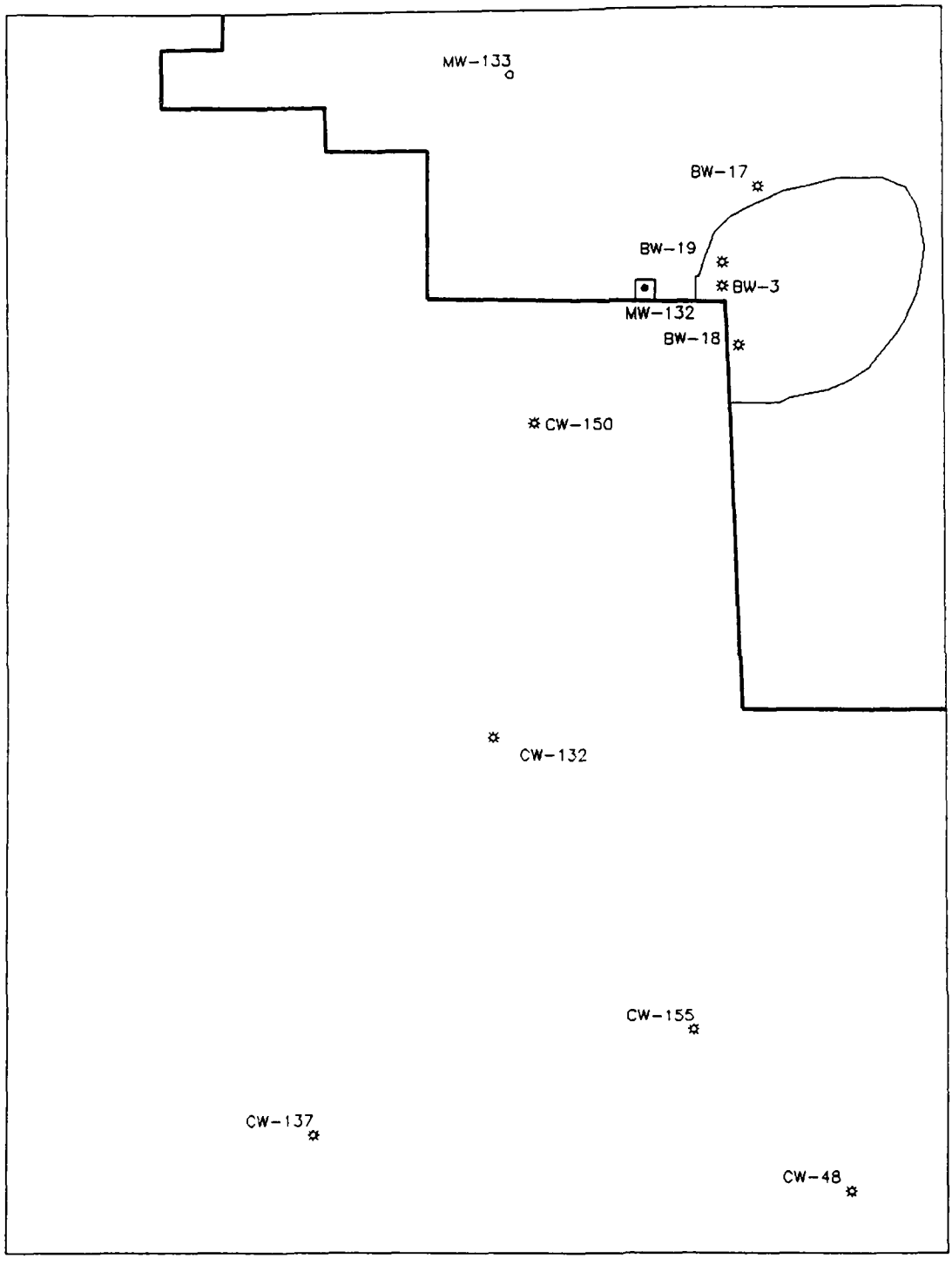
N

0 500 1000

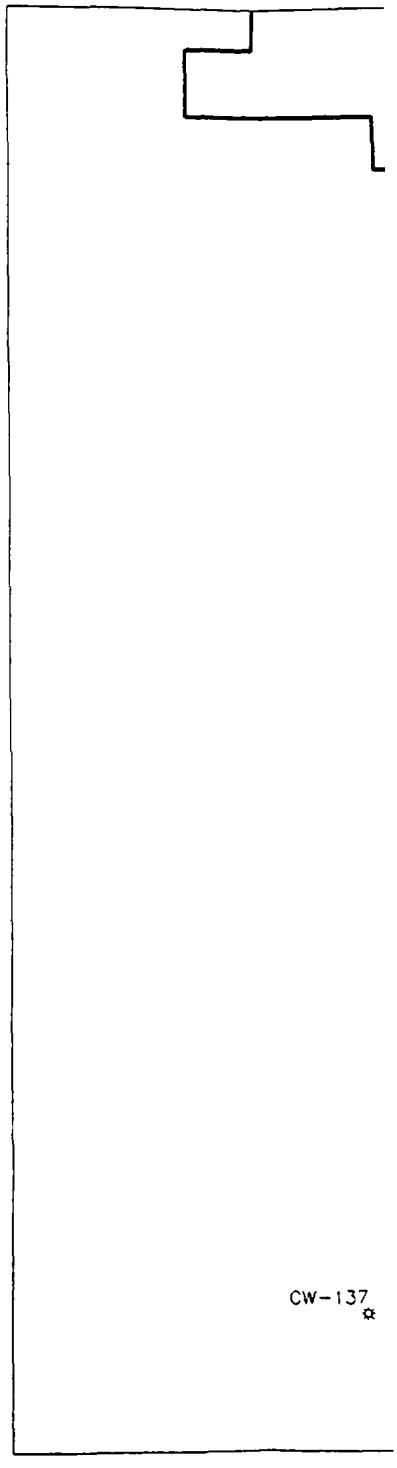
SCALE IN FEET

RADIAN CORPORATION

HISTORICAL OCCURRENCE OF TCE IN AREA B / SW DEEP "B" MONITORING WELLS



MOS
IN AREA



MOST RECENT OCCURRENCE OF TCE IN AREA B / SW DEEP "B" MONITORING WELLS (OCTOBER 1988)

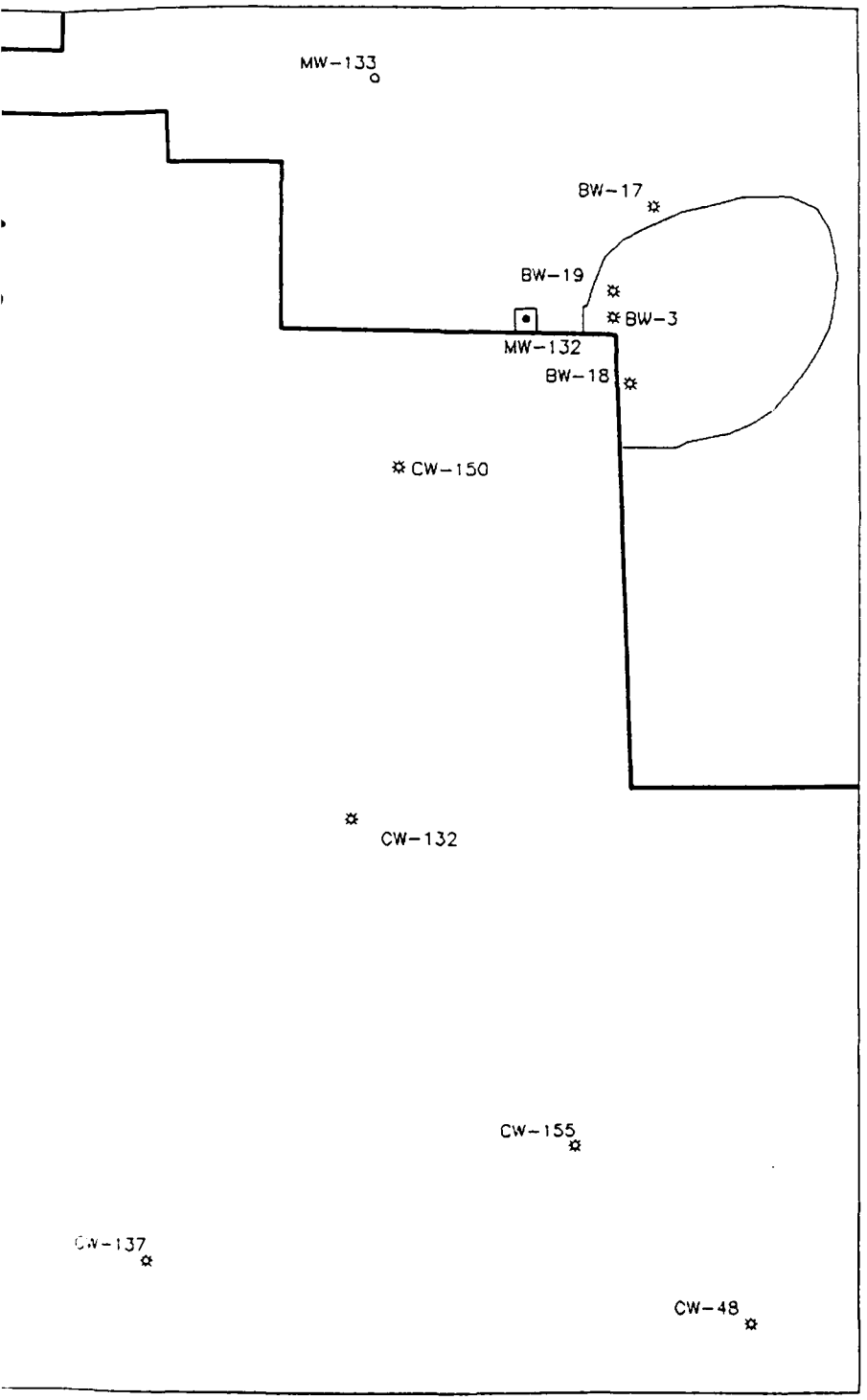


Figure 3-15. Historical & Present Occurrence of TCE in Deep "B" Zone Monitoring Wells, Area B & the Southwest Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- TCE Not Detected
- TCE Concentrations Below Standard
- TCE Concentrations Above Standard
- EW — Extraction Well
- \+ — Dry or Abandoned Well
- Other Wells
- NS — Not Sampled

OTHER WELLS

- BW — Base Water Supply Well
- CW — City of Sacramento Water Supply Well
- NW — Northridge Water District Water Supply Well
- RW — Rio Linda Water District Water Supply Well
- AW — Arcade Water District Water Supply Well
- CT — CalTrans Irrigation Well

N

0 500 1000

SCALE IN FEET

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3.2.4 Trend Analysis

The concentrations of the 10 key analytes for each monitoring well were statistically examined to determine if there were trends in concentrations over time. The statistical methods, detailed in Section 2.4, were used to provide an objective description of the analyte concentration changes.

The contaminant concentrations of five monitoring wells in Area B and the Southwest Area show statistically significant trends. MW-120 located between Areas B and C, shows decreasing trends for TCE and chloroform. MW-41S located on the east side of Area B has shown dramatically increasing trends for both TCE and DCE since April 1988. Total 1,2-DCE in MW-132 shows an increasing trend. Contaminant concentrations in MW-1021 and MW-63 have been decreasing since April 1987.

Three of the five monitoring wells that show trends are screened in the shallow zone. Trichlorethene and chloroform concentrations in MW-120 show decreasing trends (Figure 3-16). Trichloroethene is estimated to be decreasing at the rate of -0.78 to -3.01 ug/L per sampling period. Chloroform concentrations are at very low levels (less than 2 ug/L) and the estimated change is between -0.17 and -0.08 ug/L per sampling period. MW-120 is part of a three well cluster, MW-120/MW-121/MW-122. Neither MW-121 nor MW-122 have shown a consistent presence of any Method 8010 analyte.

MW-41S, a shallow zone monitoring well, shows increasing trends for TCE, PCE and total-1,2-DCE (Figure 3-17). Trichloroethene and PCE concentrations have shown increasing trends only since April of 1988. Trichloroethene has increased from 220 ug/L to 2900 ug/L and PCE has increased from 10 to 370 ug/L during these three quarters. The trend for total 1,2-DCE does not follow the same pattern, but instead appears to be a step increase during the first quarter of 1987. Differences in contaminant concentration trends may be due to differences in the location of the sources, amounts of chemical used or the time period when the chemical was used.

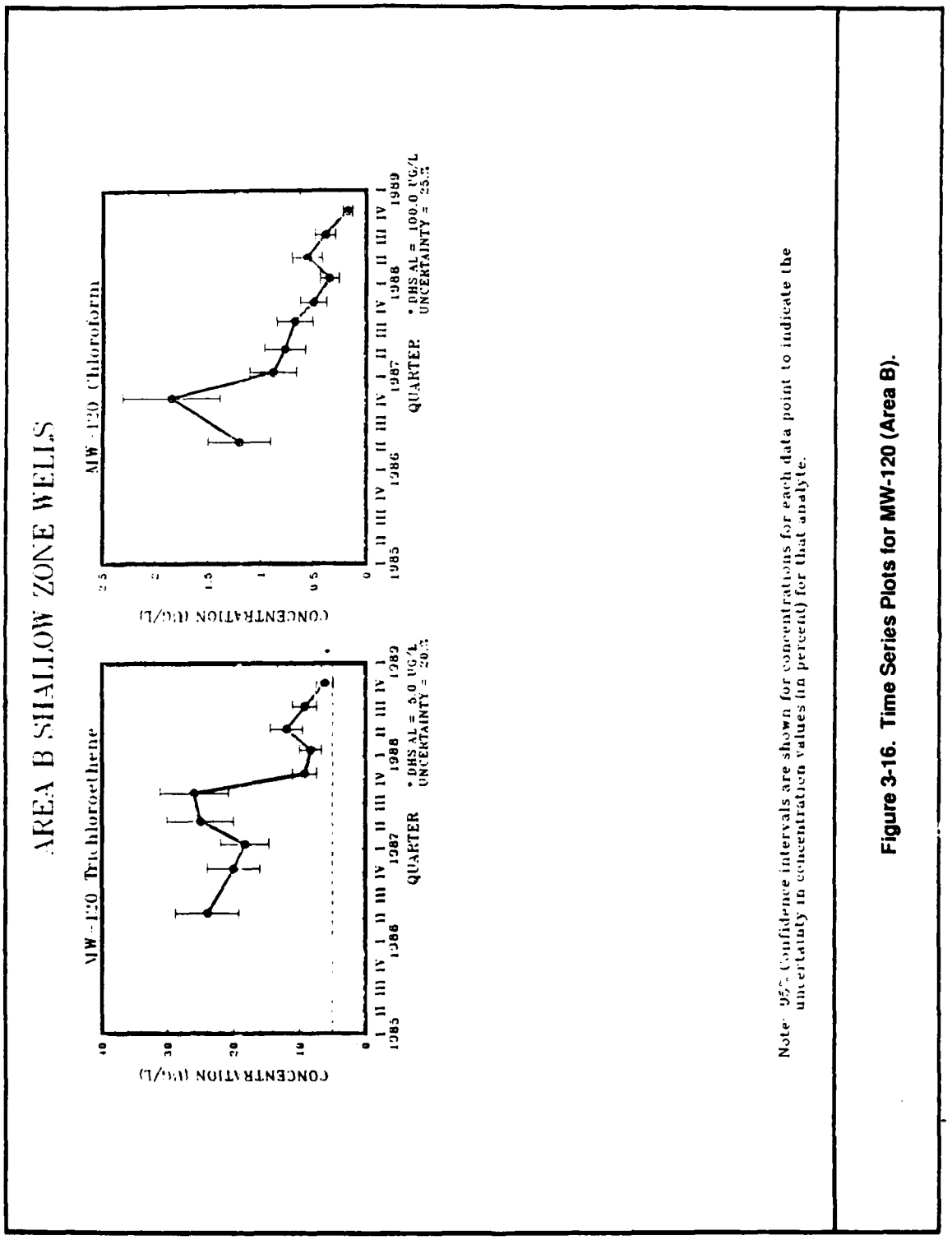


Figure 3-16. Time Series Plots for MW-120 (Area B).

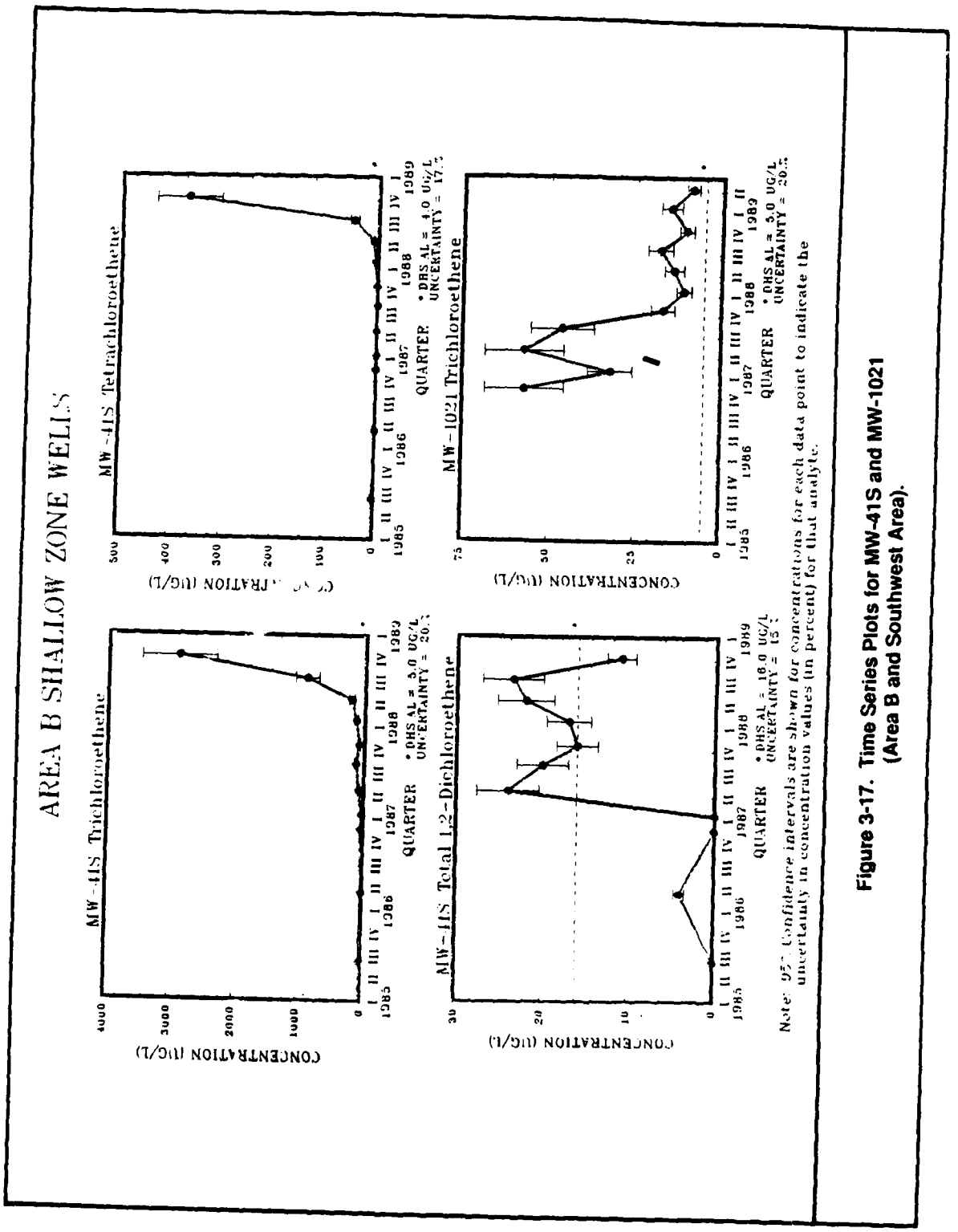


Figure 3-17. Time Series Plots for MW-41S and MW-1021 (Area B and Southwest Area).

The third shallow zone monitoring well exhibiting a trend in concentrations is MW-1021. MW-1021 shows a decreasing trend for TCE (Figure 3-17). Samples from this monitoring well have also consistently contained PCE which shows a decreasing trend if only the data since April 1987 is considered.

In the deep "B" monitoring zone of Area B, MW-132 shows an increasing trend for total 1,2-DCE with an expected increase ranging from 0.17 to 4.79 ug/L per sampling period (Figure 3-18). This well also contains TCE in the range of 48 to 110 ug/L but concentrations do not show a statistically significant trend. Another deep zone monitoring well, MW-63, located near MW-132 and north of MW-1021, shows TCE and total-1,2-DCE consistently. These analytes do not have detectable trends for the entire monitoring period. However, as in the case of the PCE concentration in MW-1021, the latter part of the data from April 1987 to the present show statistically significant decreasing trends for total 1,2-DCE (Figure 3-18).

3.2.5 Discussion

A limited number of monitoring wells are located in Area B and Adjacent On-Base Areas and in the Southwest Area. Additional monitoring wells will help define localized groundwater flow directions, characterize contamination, and interpret rates and/or changes in contaminant migration. At this time, based on the available analytical and hydrological data, the following observations and interpretations can be presented:

- Local groundwater flow and contaminant movement in Area B appears to be controlled by pumping of BW-18; and

- Contaminants have been detected in two deep zone monitoring wells, (MW-63 and MW-132) west of BW-18, indicating vertical migration or migration at depth from an upgradient source.

Based on the results of aquifer tests, water level data and estimates of the physical characteristics of the aquifer material, an

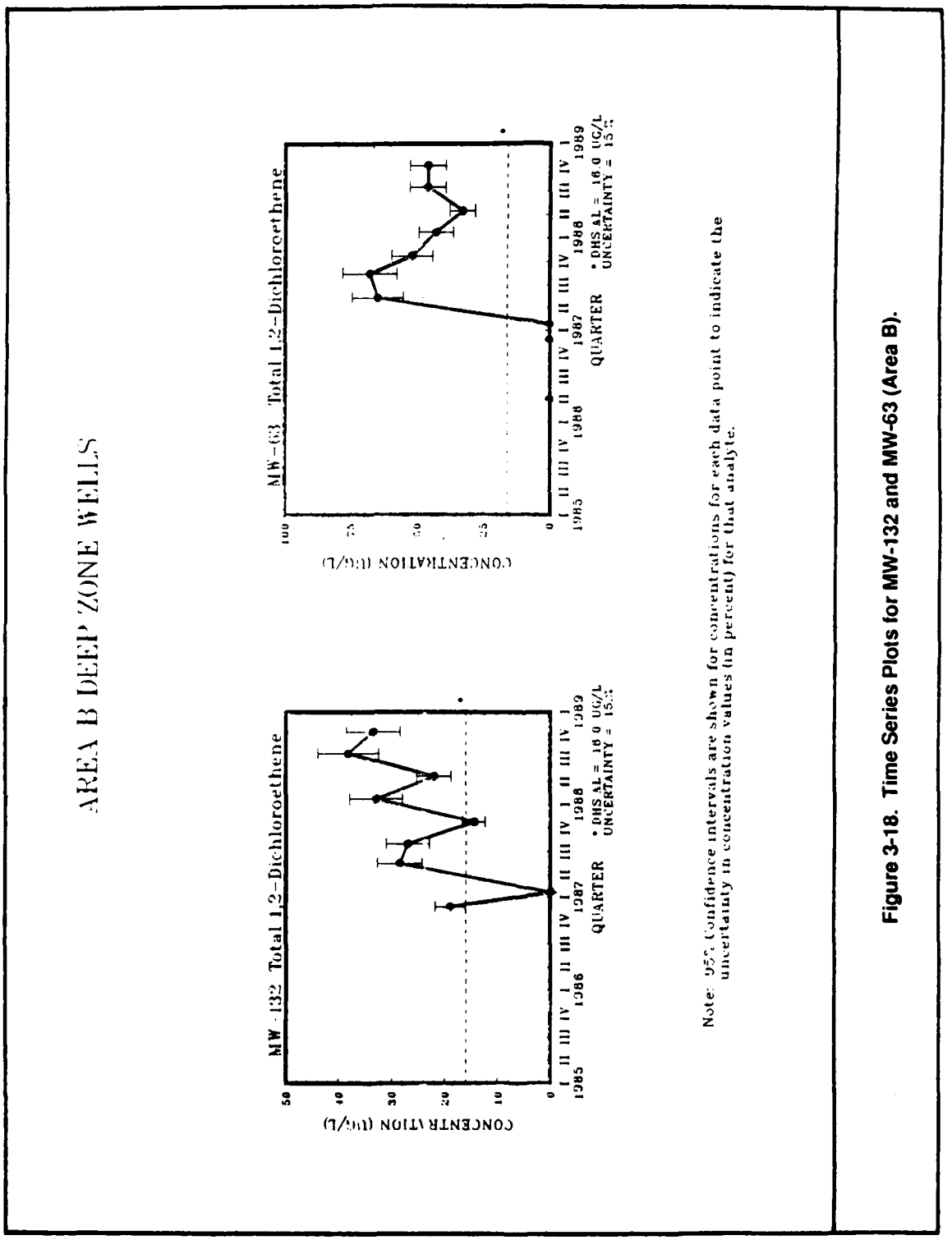


Figure 3-18. Time Series Plots for MW-132 and MW-63 (Area B).

estimated rate of groundwater flow beneath Area B can be made by using the equation for Darcy's velocity (q=Ki/n). Multiple well aquifer tests have been performed by Radian using middle and deep zone monitoring wells located north of Area B (approximately 1,500 feet north of BW-18). Estimates of average hydraulic conductivity for the middle and deep monitoring zones were 270 to 390 gallons/day/ft^2 respectively. Horizontal hydraulic gradients have ranged from 12.70 to 47.52 feet/mile in the middle monitoring zone and are estimated to be approximately 15.2 ft/mile in the deep monitoring zone. Effective porosity values have not been determined from field samples but can be estimated to be approximately 20 percent for the types of geologic materials encountered beneath Area B (Fetter, 1980).

Based on these values and using Darcy's equation, groundwater flow may be from 0.7 to 1.6 feet per day in the middle and deep monitoring zones beneath Area B and Adjacent On-Base Areas and the Southwest Area. These are estimates of groundwater flow based on aquifer hydraulic conductivity values derived from tests conducted north of Area B.

On the cross section for Area B, there appears to be a thick fine grained zone at a depth of approximately -50 to -100 ft msl. The layer however, does not appear to be effective in preventing the vertical migration of contaminants. Water quality samples collected from wells screened at deeper depths (MW-63 and MW-132) have consistently contained detectable concentrations of TCE and other key analytes at concentrations above drinking water standards. Concentrations of TCE in MW-63 have been greater than 20 ug/L since the monitoring well was installed in 1985. Also, aquifer tests north of Area B have shown that there is communication between monitoring zones above and below this fine-grained layer. Therefore, the most probable explanation based on current data for the presence of contaminants in the deep "A" and "B" zones is that the finegrained layer may include restricted sand bodies that allow vertical migration of contaminants.

The analytical results for samples from monitoring wells sampled since 1985 show that TCE is the most commonly detected analyte and thus can be

used to track contaminant migration within and southwest of Area B. Based on the potentiometric maps, occurrence of this compound and trend analyses, limited interpretations can be made regarding groundwater flow directions and contaminant migration within and southwest of the Area B. These interpretations are discussed below.

Base Well-18 and other off-base City of Sacramento water supply wells (CW-131, CW-132 and CW-150) have had the most influence on groundwater flow in this area of the base and the Southwest Area based on potentiometric maps since 1986. Potentiometric maps indicate a generally south to southwest groundwater flow direction. As discussed in the introduction (pg 1-15), there is a regional pumping depression centered south of the base. Pumping of BW-18 appears to have controlled the migration of contaminants in Area B and adjacent On-Base Areas. Base Well-18 was completed in 1953 and was in operation until 1981 when TCE was detected in the well. Operation of BW-18 was resumed in 1985 after a well head treatment system was installed. Pumping records up through March 1988 indicate that BW-18 is operated approximately 5 days a week at an average rate of 1,300 gallons per minute for an average of 14 hours per day. Contaminants have been detected in monitoring wells approximately 300 feet south of BW-18 (MW-1021 and MW-1022) during the last sampling event in October 1988. Trichloroethene was not detected in samples from wells located further south (MW-23D, MW-1016 and MW-1015). No contaminants were detected in the monitoring wells located west and southwest of BW-18 (MW-1000, MW-1020, MW-1023, MW-1024 and MW-1025). However, in the past TCE has been detected in most of these wells (Figure 3-12 through 3-15).

There is evidence of contaminant migration toward BW-18 from the east. Trend analyses of monitoring wells located upgradient (east) of BW-18 indicated that TCE concentrations in MW-41S have shown a large increasing trend over the past year. Concentrations of TCE in MW-41S have increased from 81 ppb in October 1987 to 2900 ppb in October 1988. This large increasing trend indicates migration from sources upgradient of MW-41S toward BW-18.

Contaminants may also be migrating toward Area B from Area A based on groundwater flow directions and the recently detected presence of TCE and

carbon tetrachloride in BW-13 located downgradient from Area A and upgradient from Area B.

Contaminants have been detected in all four monitoring zones indicating that there has been vertical migration either in Area B or in another area upgradient from Area B. Contaminants have been detected in monitoring wells located between BW-18 and Area A. BW-18 appears to be a significant factor in the movement of contaminants in Area B.

3.3 Area C and Adjacent On-Base Areas

Area C is located on the western side of the base. The boundary for Area C was determined during initial investigations by CH2M Hill based on locations of potential hazardous waste releases.

There have been various activities related to industrial waste storage and treatment in Area C. These activities have resulted in burn pits, waste disposal pits, waste storage and handling areas, and wastewater storage and treatment ponds. Treatment of wastewater and contaminated groundwater continue in Area C at the present time. During work to identify and characterize sites in 1985, McLaren also sampled groundwater in the area. Contaminated groundwater was detected within Area C and in areas west and south of the Area C.

There are a total of 45 monitoring wells and four extraction wells in Area C and Adjacent On-Base areas. Twenty-seven monitoring wells are screened in the shallow monitoring zone; 8 are screened in the middle monitoring zone; 7 are screened in the deep "A" monitoring zone; and 3 are screened in the deep "B" monitoring zone beneath the deep "A" zone. Groundwater quality beneath Area C and Adjacent On-Base Areas is currently monitored using 35 monitoring wells. Of the 27 shallow zone monitoring wells, 10 wells are now dry or do not contain enough water for sampling. The 4 extraction wells are used to remove contaminated groundwater for treatment and are

screened in the middle, deep "A" and deep "B" monitoring zones. Tables 3-11 and 3-12 present information on the monitoring and extraction wells in Area C. The locations of the monitoring and extraction wells are shown in Figure 3-19. There are no active water supply wells in Area C. There were two water supply wells in Area C when the base acquired the property, but the locations are unknown and these wells have never been used by the Air Force.

3.3.1 Potential Sources of Groundwater Contamination

Area C, 12 sites have been confirmed as sources of contaminant discharges, and there are 28 PSPRLs and 3 UPRLs. Beginning in the 1940s Area C was used for storing, treating, and disposing of wastes. Landfills, sludge pits, burn pits, holding and setting ponds, sludge ponds, and waste oil storage ponds have been located in Area C (Figure 3-20). In McLaren's "Basewide Report on Contamination at McClellan AFB," (McLaren, 1986) two sites were identified as having shown significant vertical and lateral migration of hazardous materials. These two sites include Site 22 where oily wastes and solvents were stored and Site 42 which consisted of three oil storage ponds. The oil storage ponds were subsequently covered by the Industrial Waste Treatment Plant aeration ponds. McLaren also reported that migration of the wastes was primarily to the south and southeast. In addition, McLaren reported there may have been some lateral migration of chemical wastes to the north from Site 22.

3.3.2 Hydrogeologic Data

The soils in Area C are similar to those in Areas A, B, and D. They are mapped as Xeralfic Arents and as urban land where covered by buildings or asphalts. Xeralfic Arents are characterized by moderately deep to very deep well drained soils. Permeability is moderate to slow. The surface layer is a sandy loam or sandy clay loams. The subsurface layer is a loamy sand or sandly loam with clay loam or clay fragments. A weakly cemented hardpan can

TABLE 3-11. MONITORING WELLS LOCATED IN AREA C AND ADJACENT ON-BASE AREAS

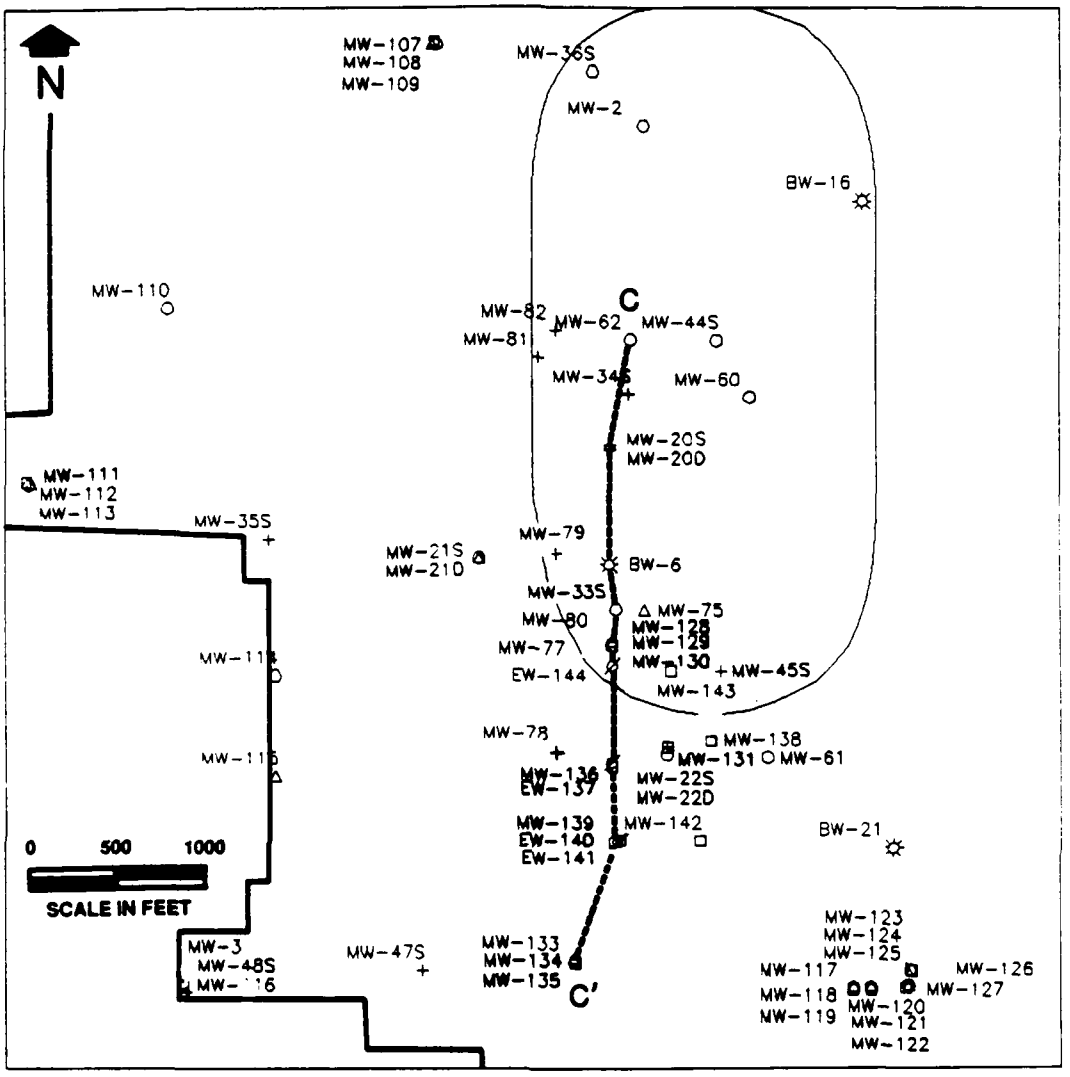
Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells[b]	Abandoned	Total Number of Wells
Shallow	MW-21S[a] MW-33S[a] MW-36S[a] MW-44S[a] MW-60 MW-61 MW-62 MW-107 MW-110 MW-111[a] MW-114[a] MW-128 MW-131[a] MW-139[a]	MW-2[b] MW-77 MW-82	MW-78 MW-79 MW-80 MW-81	MW-20S[a], MW-22S[a], MW-34S MW-35S MW-37 MW-45S[a],	27
Middle	MW-20D MW-21D[a] MW-75 MW-108 MW-113 MW-115 MW-129[a] MW-135[a]	None	None		8
Deep "A"	MW-22D[a] MW-109 MW-112 MW-130[a] MW-134[a] MW-142 MW-143	None	None		7
Deep "B"	MW-133 MW-136[a] MW-138				3
Totals	32	3	4	6	45

[a] Samples collected from this well have contained TCE.

[b] Under consideration for abandonment (destruction).

TABLE 3-12. EXTRACTION WELLS LOCATED IN AREA C GROUNDWATER SAMPLING AND ANALYSIS PROGRAM, ANNUAL TECHNICAL REPORT (JAN - DEC 1988)

Groundwater Monitoring Zone	Extraction Well
Deep "A"	EW-137
Deep "A"	EW-140
Deep "B"	EW-141
Middle and Deep "A"	EW-144



LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites
- Cross Section Locations

Monitoring Wells:

- ○ Shallow Zone
- △ Middle Zone
- □ Deep "A" or "B" Zone
- \+ Dry Well

Other Wells:

- ⌀ Extraction Well
- ✸ Active Water Supply Well
- ☼ Inactive Water Supply Well

Figure 3-19. Wells Located in Area C and Adjacent On-Base Areas.

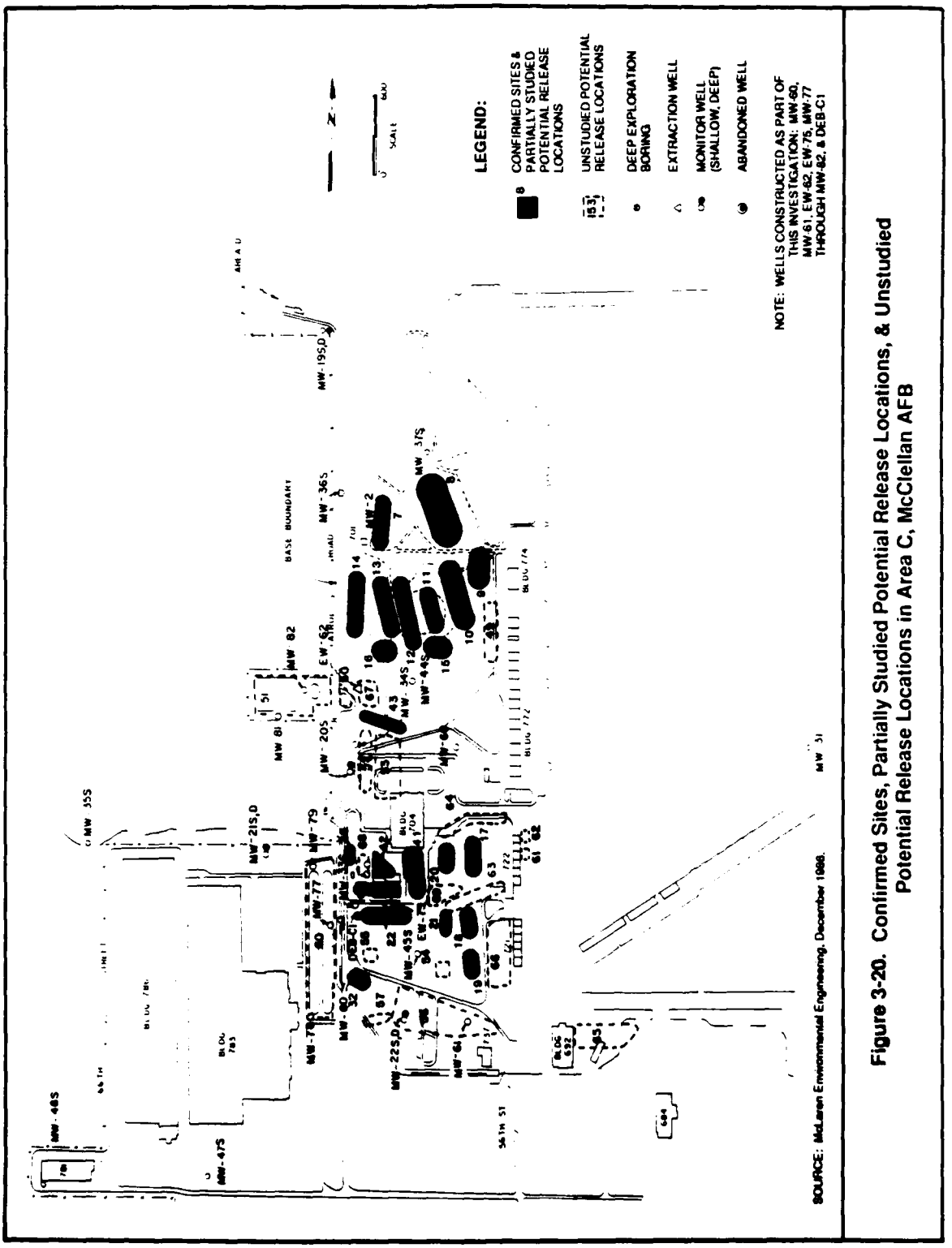


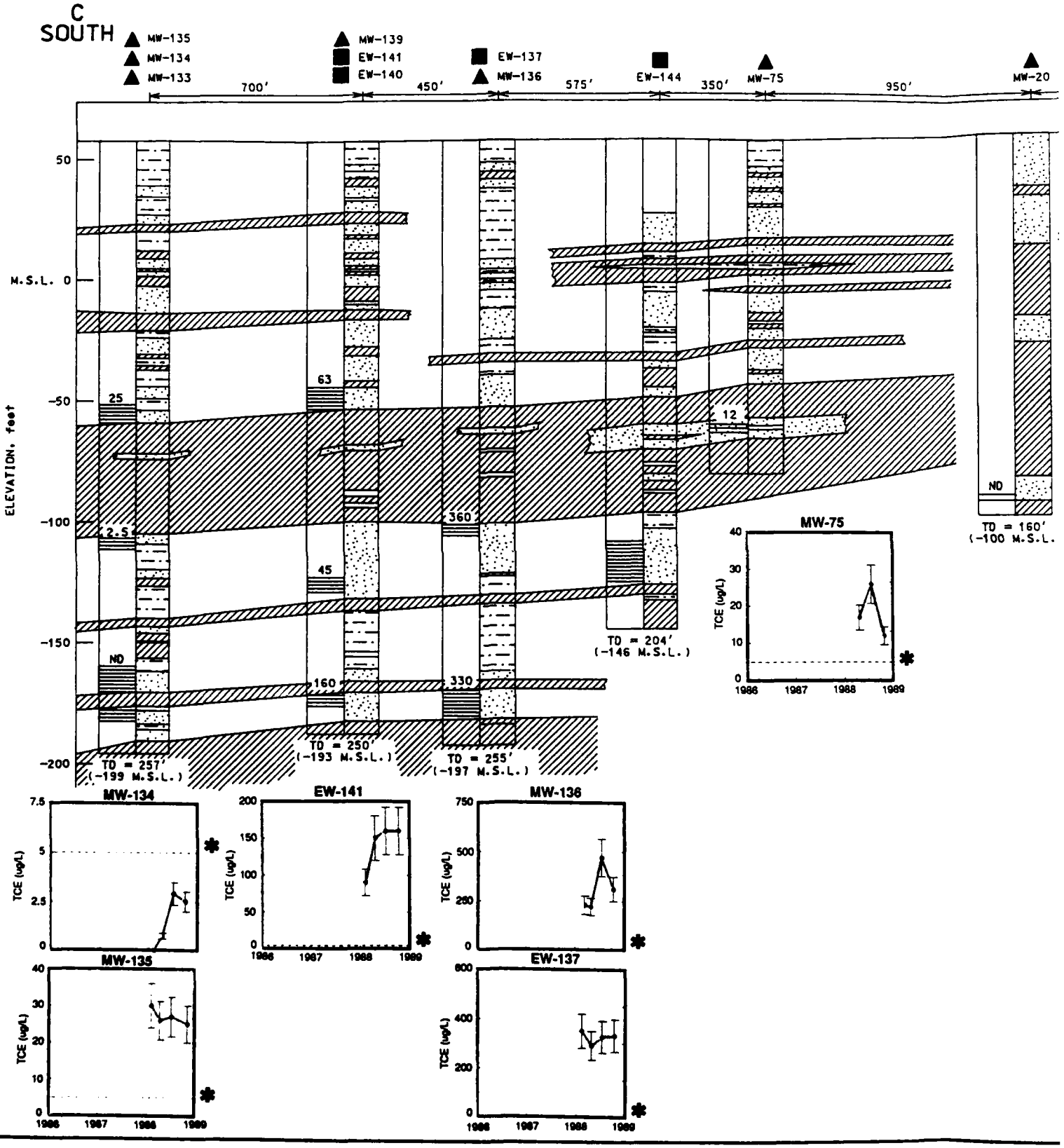
Figure 3-20. Confirmed Sites, Partially Studied Potential Release Locations, & Unstudied Potential Release Locations in Area C, McClellan AFB

be found at depths from 32 to 60 inches or more. Xeralfic Arents are formed in fill material mixed by grading and excavation activities. The fill material is derived from nearby soils of mixed and granitic origin.

Interbedded alluvial deposits of sand, silt, and clayey silts lie beneath the surface soils. As shown in the south to north cross section through Area C (Figure 3-21), most of the coarser-grained sediments do not appear to be continuous. There does appear to be a finer-grained zone that is continuous at a depth of about -150 ft msl. Even within this finer grained zone, there are inclusions of sands. The location of this profile is shown on Figure 3-19.

Water-level measurements in Area C monitoring wells have been used to develop potentiometric surface maps and determine groundwater flow directions. In Area C groundwater flow has typically followed the regional groundwater flow direction from north to south. Pumping of water supply wells south of Area C by the base and municipalities has created a regional flow pattern to the south. In 1985, potentiometric maps developed by McLaren indicated a southerly groundwater flow, but a groundwater divide near MW-36 was also noted. North of MW-36 groundwater flow was north or toward Area D. Based on the interpretation of the shallow monitoring zone potentiometric maps for October 1988, there is currently a groundwater divide in the northern end of Area C. There are no middle or deep zone monitoring wells in the same area to use in determining the local groundwater flow directions. Because of the lack of water level data, the approximate area of a groundwater divide in the middle and deep monitoring zones cannot be determined. At the end of August 1988, pumping of the Area C extraction wells was begun. The effects of the extraction system on the groundwater flow regime however cannot be identified on the potentiometric maps generated from the October 1988 water-level data.

The four extraction wells that comprise the Area C extraction system are located along a north-south line and are shown in Figure 3-19. Extraction well EW-144 is the furthest north; EW-137 is located approximately 550 feet south of EW-144, and EW-140 and EW-141 are located approximately 445 feet


C
SOUTH
MW-135
MW-134
MW-133
MW-139
EW-141
EW-140
EW-137
MW-136
EW-144
MW-75
MW-20
700'
450'
575'
350'
950'
ELEVATION, feet
M.S.L. 0
50
-50
-100
-150
-200
25
63
12
2.5
45
360
ND
160
330
ND
TD = 257'
(-199 M.S.L.)
TD = 250'
(-193 M.S.L.)
TD = 255'
(-197 M.S.L.)
TD = 204'
(-146 M.S.L.)
TD = 160'
(-100 M.S.L.
MW-75
TCE (ug/L)
MW-134
MW-135
EW-141
MW-136
EW-137
1986
1987
1988
1989

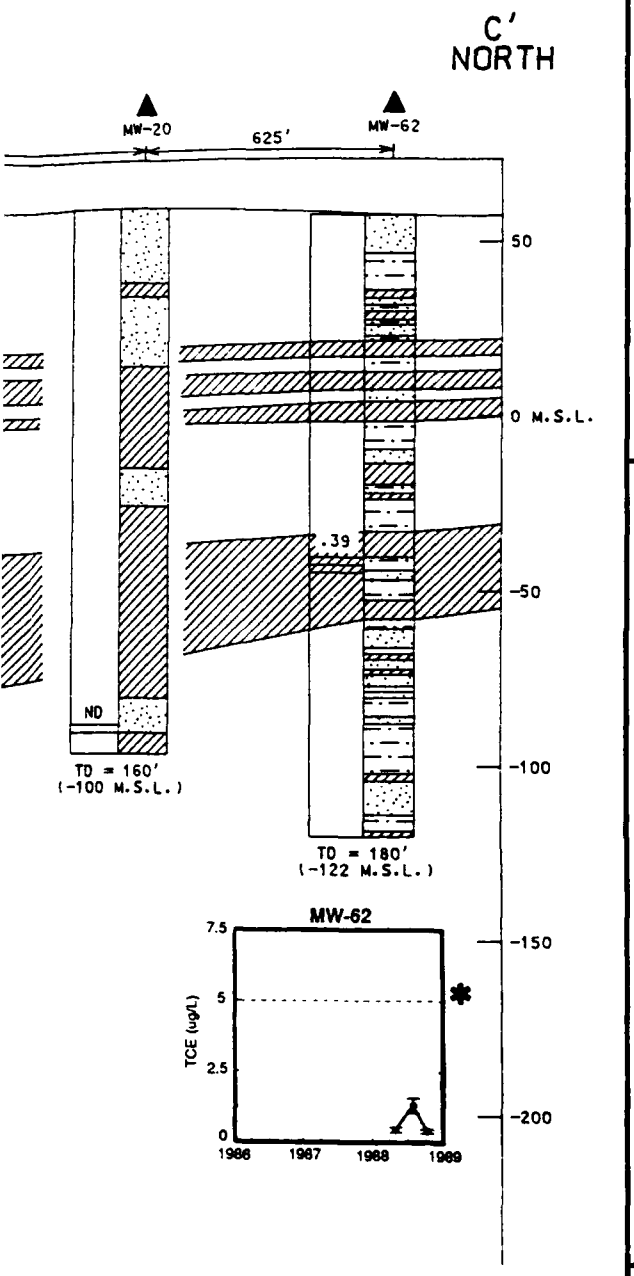


Figure 3-21.
Subsurface Profile, Area C

LEGEND

- MONITORING WELL (MW)
- EXTRACTION WELL (EW)
- BASE PRODUCTION WELL (BW)
- M.S.L. — MEAN SEA LEVEL
- TD — TOTAL DEPTH
- SAND
- SILT
- CLAYEY SILT
- NO DATA
- SCREEN INTERVAL

SCALE

HS: 1" ≈ 438'
VS: 1" ≈ 54'
VE ≈ 8.1

NOTE: TCE CONCENTRATIONS ARE REPORTED NEXT TO SCREEN INTERVALS IN ug/l FOR OCTOBER THROUGH DECEMBER, 1988 SAMPLING PERIOD.
ND = NOT DETECTED

GENERATED BY: [signature] 7-20-89
PROJECT REVIEW: [signature] 7-21-89
PEER REVIEW: [signature] 7-21-89

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✱ DHS and EPA Action Levels equal to 5ug/L

south of EW-137. The extraction well specifications are presented in Appendix A-3. The average combined flow rate from the four extraction wells was approximately 160 gpm during the four months of operation in 1988. The four wells are screened at different depths and extract water from different monitoring zones. EW-137 is screened from 162 to 172 feet below ground surface (ft BGS) or in the deep "A" monitoring zone. EW-140 is screened from 180 to 190 ft BGS (deep "A" monitoring zone) and EW-141 is screened from 230 to 240 ft BGS (deep "B" monitoring zone). EW-144 is screened at two intervals, from 120 to 130 ft BGS and from 165 to 185 ft BGS (middle and deep "A" zones).

Gradients were calculated to determine changing flow potentials since the fourth quarter of 1985. As shown in Table 3-13, horizontal and vertical gradients have been increasing since 1985. There is an increasing flow potential to the south as indicated by the increasing horizontal gradients. There is also an increasing downward flow potential between the shallow and the middle monitoring zones and the middle and deep "A" monitoring zones since 1985.

3.3.3 Horizontal and Vertical Distribution of Contaminants

After groundwater sampling of the existing monitoring wells in 1985, McLaren noted that contaminants were detected in almost all wells but that there was more contamination south of the Industrial Wastewater Treatment Plant (IWTP) (the former location of oil storage ponds). In recent sampling during October 1988, contaminants continue to be detected throughout Area C, but the highest concentrations of TCE have been detected in wells located south of the IWTP. Since 1985, several monitoring wells screened in the shallow monitoring zone have become dry as water levels have declined about two feet per year in Area C.

TABLE 3-13. GRADIENTS OF SELECTED WELL PAIRS IN AREA C

Well Pair	Monitoring Zone	Vertical or Horizontal Distance (feet)	Head Difference (feet)	Gradient
4 Q 1987:				
Horizontal:				
MW-33S/MW-128	Shallow	197	0.21	5.63 ft/mi
MW-75/MW-129	Middle	252	0.52	10.90 ft/mi
MW-22D/MW-130	Deep "A"	650	0.21	1.71 ft/mi
Vertical:				
MW-21S/MW-21D	Shallow/Middle	45	0.90	-0.02 ft/ft
MW-128/MW-129	Shallow/Middle	38	0.38	-0.01 ft/ft
MW-129/MW-130	Middle/Deep	51	1.54	-0.03 ft/ft
3 Q 1988:				
Horizontal:				
MW-33S/MW-128	Shallow	197	0.19	5.09 ft/mi
MW-75/MW-129	Middle	252	0.50	10.48 ft/mi
MW-136/MW-138	Deep "B"	585	0.35	3.18 ft/mi
MW-22D/MW-130	Deep "A"	650	0.06	0.50 ft/mi
Vertical:				
MW-21S/MW-21D	Shallow/Middle	45	-0.82	-0.02 ft/ft
MW-128/MW-129	Shallow/Middle	38	-0.31	-0.01 ft/ft
MW-129/MW-130	Middle/Deep	51	-1.55	-0.03 ft/ft
MW-135/MW-134	Middle/Deep	56	-1.15	-0.02 ft/ft
4 Q 1988				
Horizontal				
MW-136/MW-138	Deep "B"	585	0.12	1.08 ft/ml
Vertical:				
MW-128/MW-129	Shallow/Middle	38	-0.5	-0.01 ft/ft
MW-129/MW-130	Middle/Deep	51	-2.84	-0.06 ft/ft
MW-135/MW-134	Middle/Deep	56	-0.93	-0.02 ft/ft

Note: Negative (-) gradients indicate downward flow potential, or horizontal flow potential towards an extraction well.

Monitoring wells in which TCE has historically been detected and in which TCE has most recently been detected are shown in Figures 3-22, 3-23, 3-24 and 3-25. Results from the sampling events prior to October 1988 indicate contamination was detected in the shallow monitoring zone throughout Area C as well as to the west and south of Area C. More recent sampling results show TCE has been detected throughout Area C and to the south, but not in samples from on-base wells west of Area C (MW-107, MW-110, MW-111, and MW-114. Contaminants have been detected in the middle monitoring zone near Sites 22 and 42, and south of Area C. Deep zone contamination has also been detected near Sites 22 and 42, and south of Area C. Contaminants have been detected in a well cluster located approximately 2000 feet south of Sites 42 and 22. At this well cluster, TCE has been detected in the middle and deep "A" monitoring zone wells (MW-135 and MW-134, respectively) but not in the deep "B" zone monitoring well (MW-133). Table 3-14 presents the range of concentrations of key analytes detected in Area C monitoring wells.

3.3.4 Trend Analysis

A trend analysis of analytical results from wells with sufficient data was conducted to establish "pre-extraction system" information. Both increasing and decreasing contaminant trends are evident in Area C monitoring wells. Trends of increasing or decreasing contaminant concentrations over time are shown as graphs in Figures 3-26 through 3-29.

In the northern section of Area C there are two wells that have been monitored consistently and show trends in contaminant concentrations. MW-36S, a shallow zone monitoring well, shows an increasing then a decreasing trend for trichlorofluoromethane (Figure 3-26). This type of pattern could indicate that a slug of material was released at one point in time. Uncertainty brackets are not included on the trichlorofluoromethane time series plot due to a lack of field duplicate pairs in which this compound was detected. Trichloroethene has also been detected consistently at levels ranging from 1.6 to 5.3 ug/L, but shows no trend. Another shallow zone monitoring well, MW-44S

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TABLE 3-14. RANGES OF DETECTABLE CONCENTRATIONS FOR KEY ANALYTES a IN MONITORING WELLS LOCATED IN AREA C AND ADJACENT ON-BASE AREAS FROM 1985 TO 1988, McCLELLAN AFB

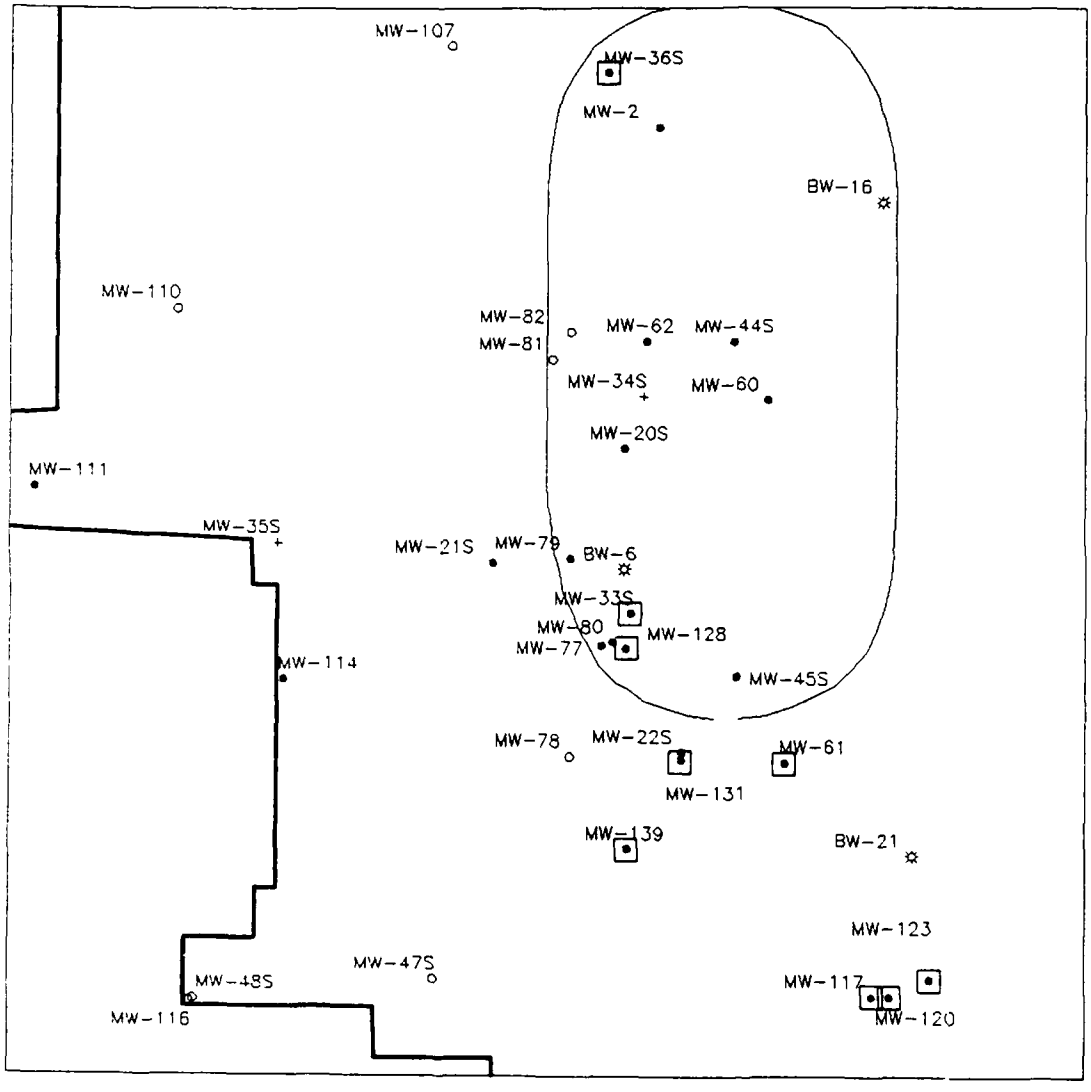
Groundwater Monitoring Zone	Analyte	Minimum Concentration Detected	Maximum Concentration Detected
		All units are ug/L	
Shallow	Vinyl chloride	0.6	15
	1,1-Dichloroethene	0.24	8.5
	1,1-Dichloroethane	0.18	440
	Total 1,2-Dichloroethene	0.10	780
	Chloroform	0.1	300
	1,2-Dichloroethane	0.10	530
	1,1,1-Trichloroethane	0.24	280
	Carbon tetrachloride	0.31	22
	Trichloroethene	0.2	68000
	Tetrachloroethene	0.12	26
Middle	Total 1,2-Dichloroethene	0.25	7.5
	Chloroform	0.96	1.6
	1,2-Dichloroethane	0.39	0.95
	Trichloroethene	0.8	610
Deep	1,1-Dichloroethene	1.9	297
	1,1-Dichloroethane	0.15	16.7
	Total 1,2-Dichloroethene	0.16	8.8
	Chloroform	0.17	0.43
	1,1,1-Trichloroethane	0.44	133
	Trichloroethene	0.75	470
	Tetrachloroethene	13.5	13.5

a The 10 key analytes and associated action levels are given in the table below.

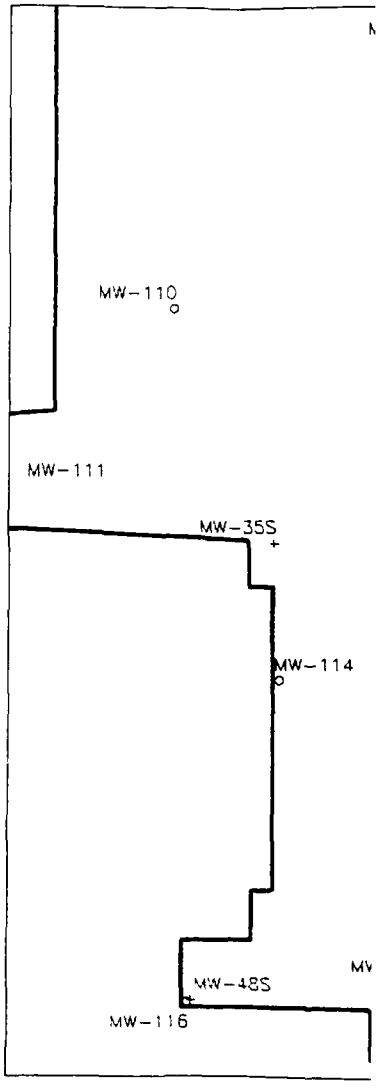
Key Analyte	DHS Action Level	EPA Primary MCL
Vinyl Chloride	2	1
1,1-Dichloroethene	6	7
1,1-Dichloroethane	20	NE
Total 1,2-Dichloroethene	16	NE
Chloroform	100	100
1,2-Dichloroethane	1	5
1,1,1-Trichloroethane	200	200
Carbon Tetrachloride	5	5
Trichloroethene	5	5
Tetrachloroethene	4	NE

NE = not established.
All unit are ug/L.

HISTORICAL OCCURRENCE OF TCE IN AREA C SHALLOW MONITORING WELLS



MOST
IN AREA



MOST RECENT OCCURRENCE OF TCE IN AREA C SHALLOW MONITORING WELLS (OCTOBER 1988)

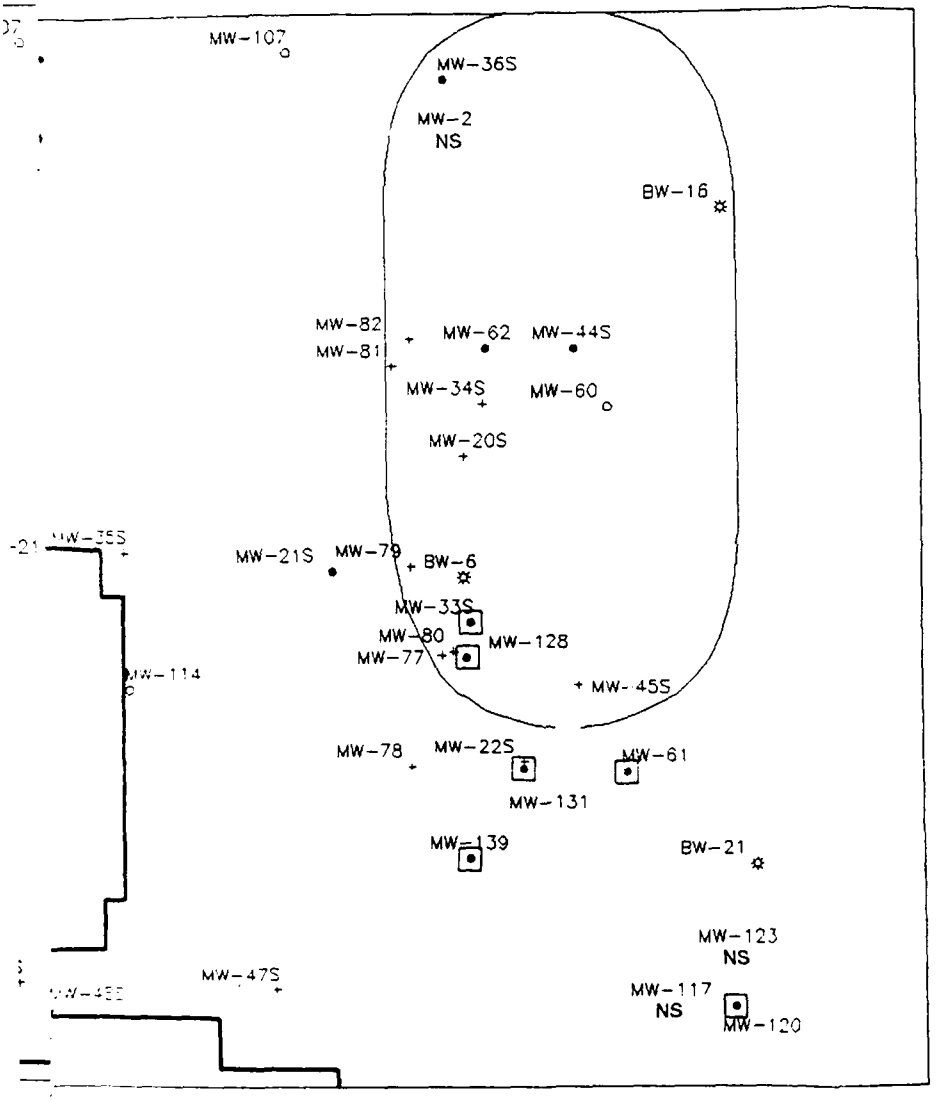


Figure 3-22.
Historical & Present Occurrence of TCE in Shallow Zone Monitoring Wells, Area C & Adjacent On-Base Areas.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- \+ Dry or Abandoned Well
- ✡ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

N

0 500 1000
SCALE IN FEET

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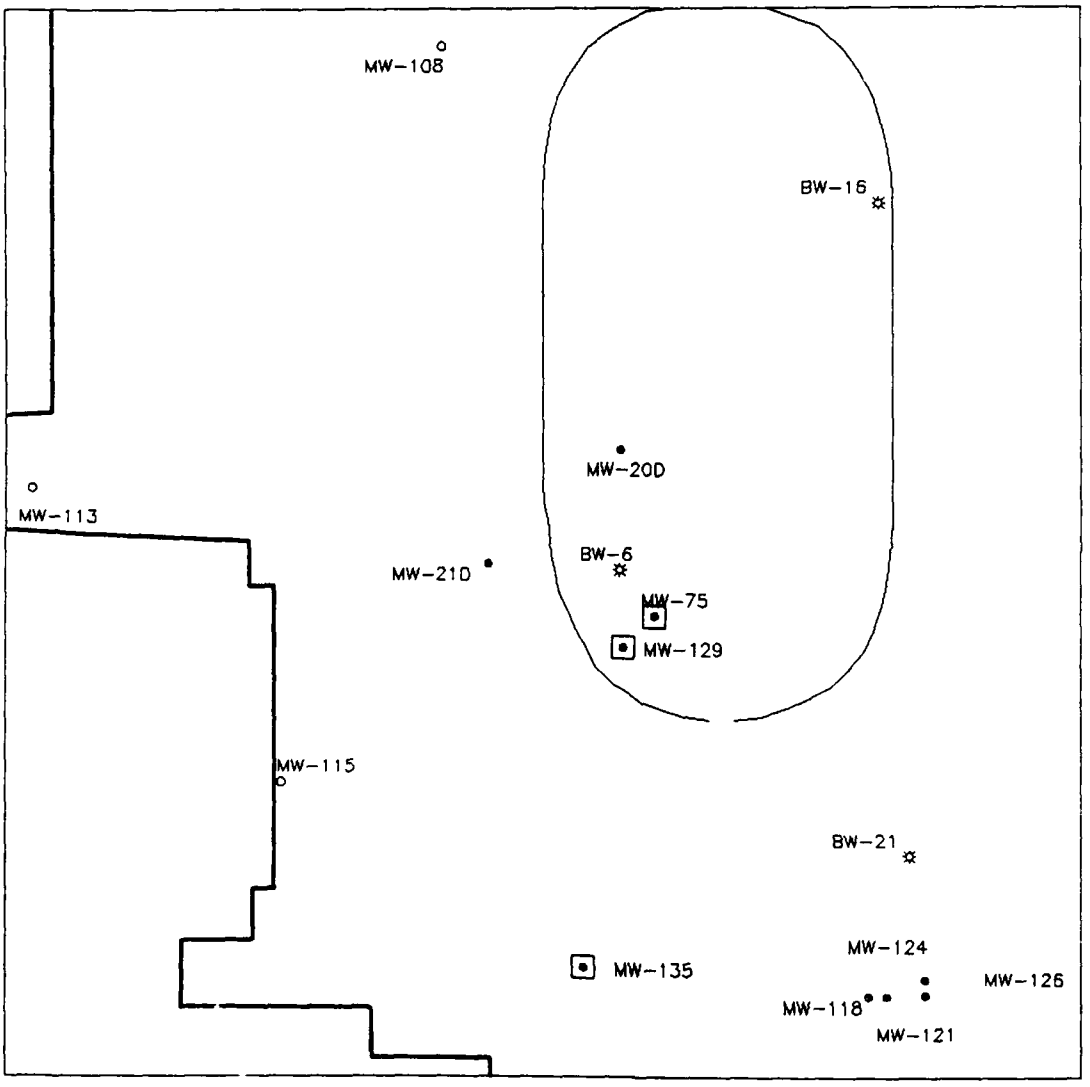
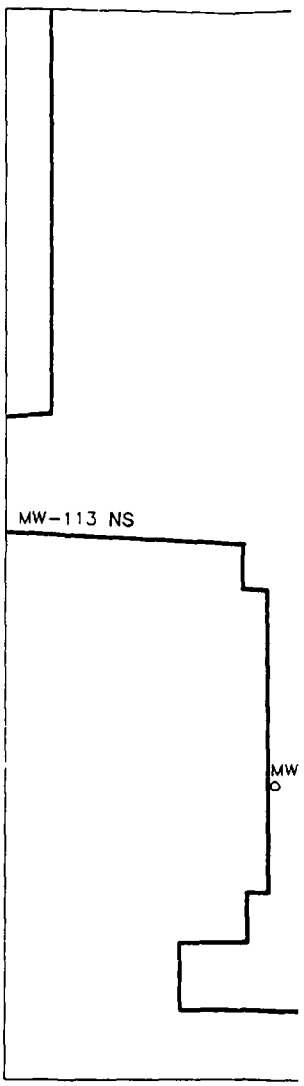
HISTORICAL OCCURRENCE OF TCE IN AREA C MIDDLE MONITORING WELLS





MOST RECENT OCCURRENCE OF TCE IN AREA C MIDDLE MONITORING WELLS (OCTOBER 1988)

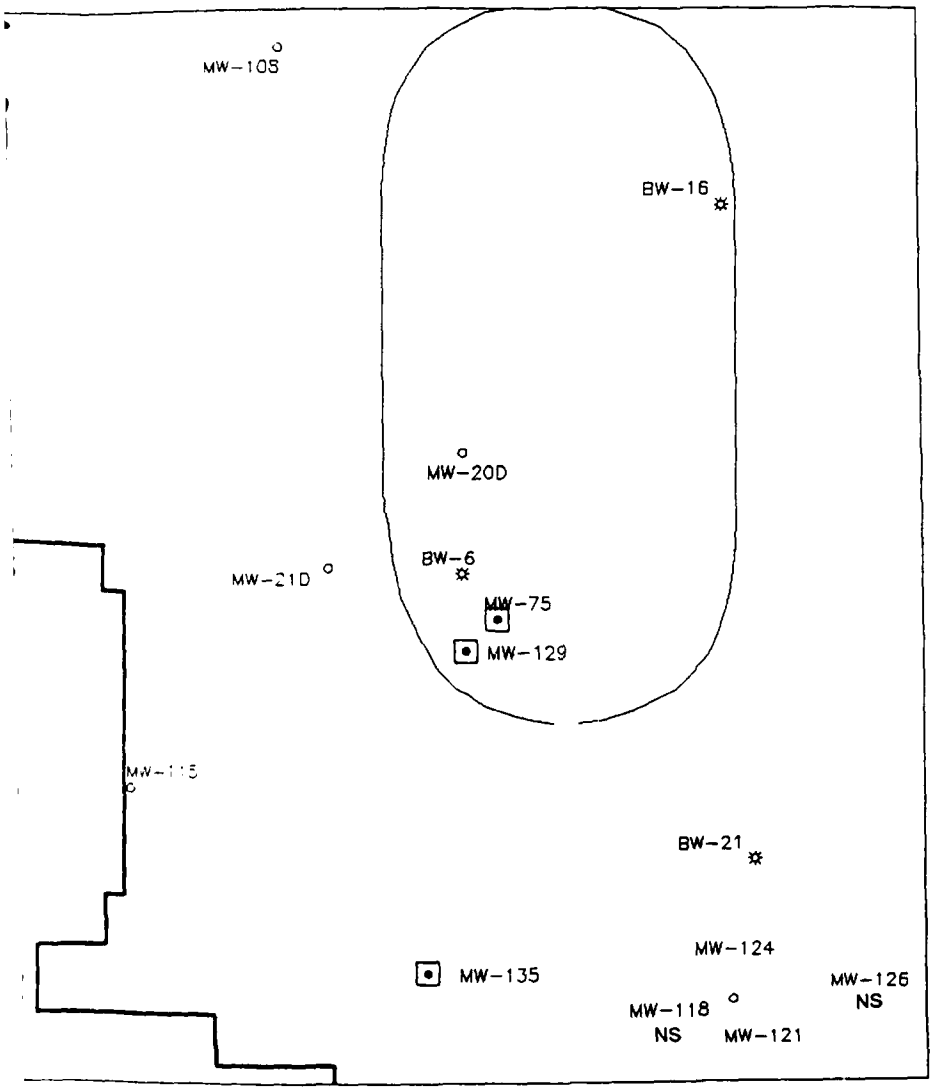


Figure 3-23.
Historical & Present Occurrence of TCE in Middle Zone Monitoring Wells, Area C & Adjacent On-Base Areas.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- o — TCE Not Detected
- ● — TCE Concentrations Below Standard
- ◉ — TCE Concentrations Above Standard
- EW — Extraction Well
- \+ — Dry or Abandoned Well
- ✲ — Other Wells
- NS — Not Sampled

OTHER WELLS

- BW — Base Water Supply Well
- CW — City of Sacramento Water Supply Well
- NW — Northridge Water District Water Supply Well
- RW — Rio Linda Water District Water Supply Well
- AW — Arcade Water District Water Supply Well
- CT — CalTrans Irrigation Well

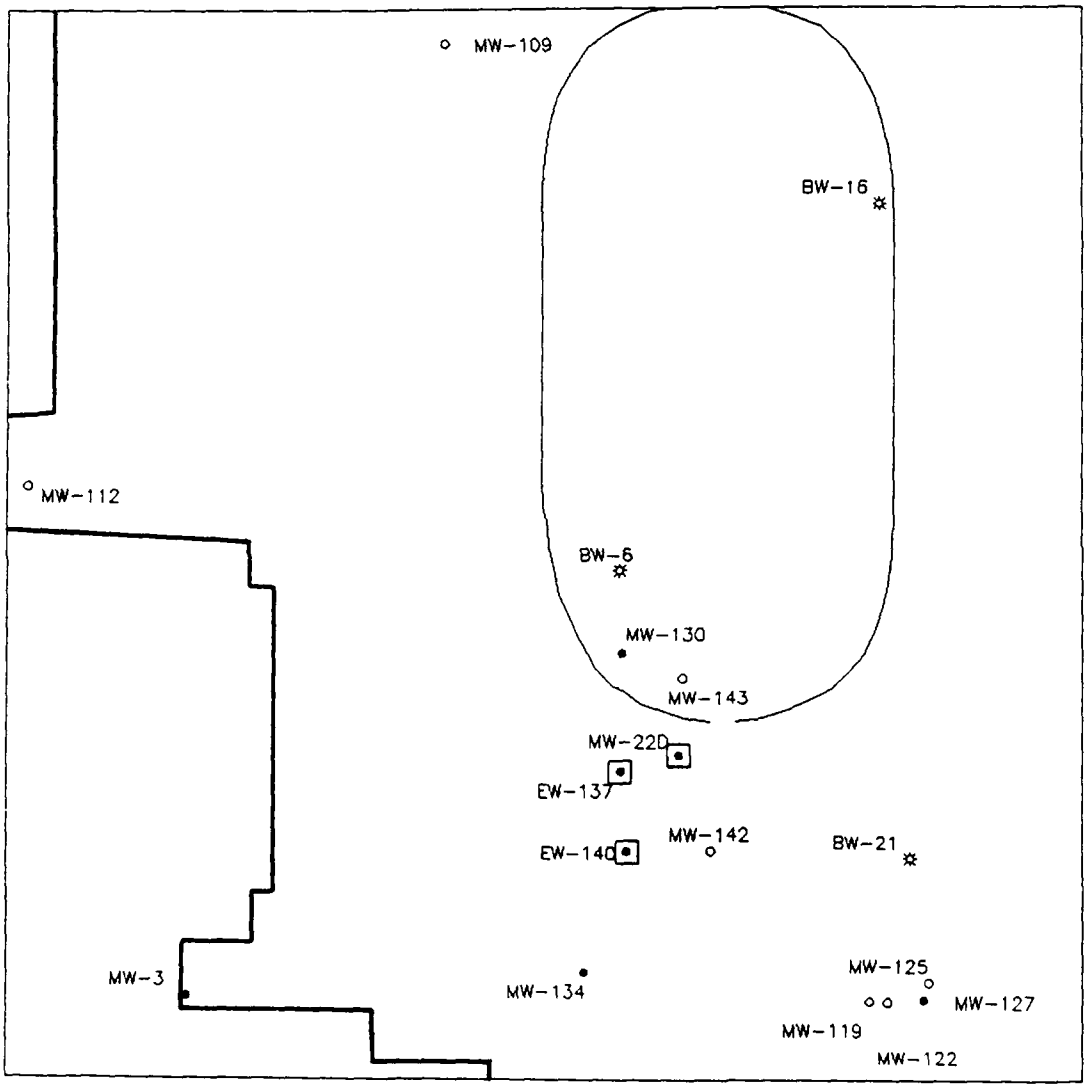
N

0 500 1000

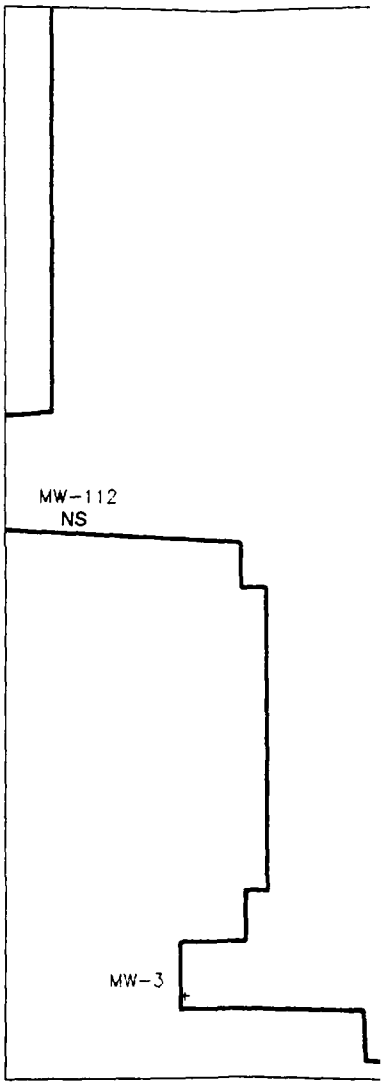
SCALE IN FEET

RADIAN CORPORATION

HISTORICAL OCCURRENCE OF TCE IN AREA C DEEP "A" MONITORING WELLS



MOST R IN AREA C



MOST RECENT OCCURRENCE OF TCE IN AREA C DEEP "A" MONITORING WELLS (OCTOBER 1988)

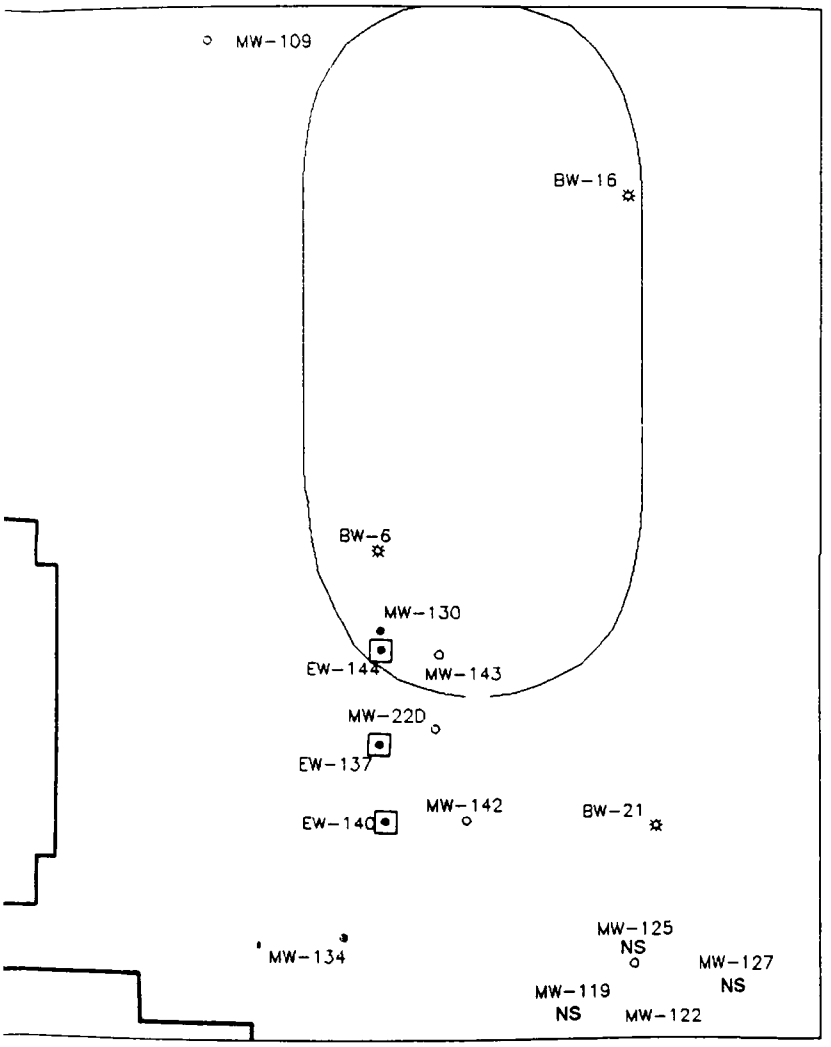


Figure 3-24.
Historical & Present Occurrence of TCE in Deep "A" Zone Monitoring Wells, Area C & Adjacent On-Base Areas.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- \+ Dry or Abandoned Well
- ✡ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

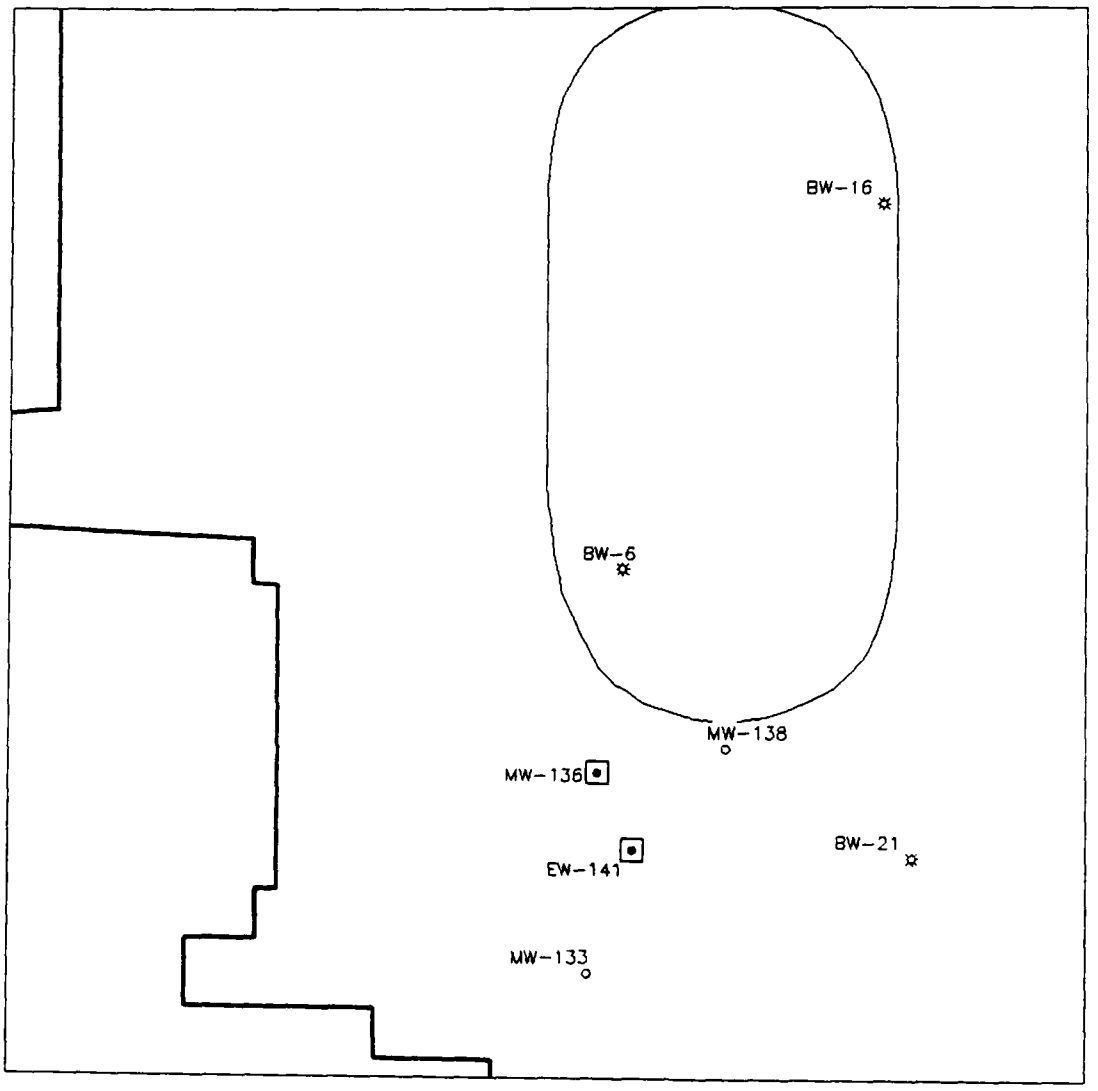
N

0 500 1000
SCALE IN FEET

RADIAN CORPORATION

HISTORICAL OCCURRENCE OF TCE IN AREA C DEEP "B" MONITORING WELLS

MOST
IN AREA



MOST RECENT OCCURRENCE OF TCE IN AREA C DEEP "B" MONITORING WELLS (OCTOBER 1988)

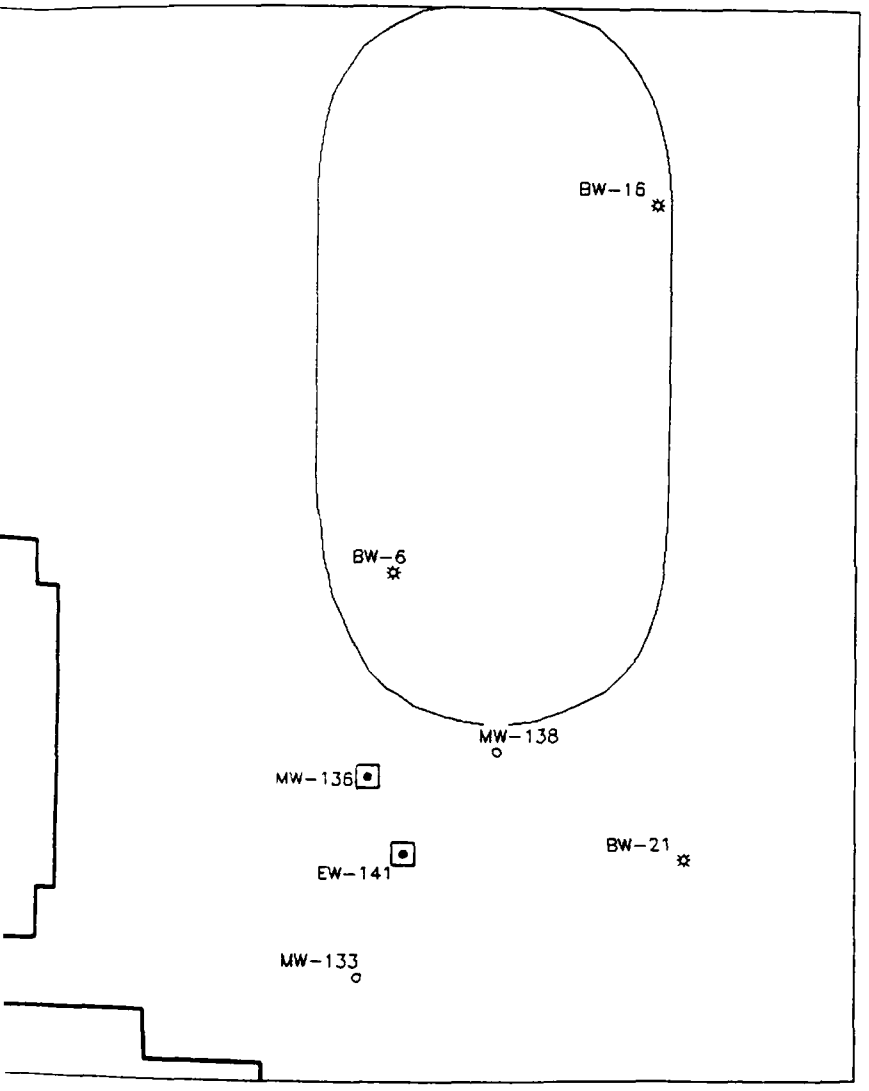


Figure 3-25.
Historical & Present Occurrence of TCE in Deep "B" Zone Monitoring Wells, Area C & Adjacent On-Base Areas.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

○	TCE Not Detected
●	TCE Concentrations Below Standard
◉	TCE Concentrations Above Standard
EW	Extraction Well
+	Dry or Abandoned Well
✡	Other Wells
NS	Not Sampled

OTHER WELLS

BW	Base Water Supply Well
CW	City of Sacramento Water Supply Well
NW	Northridge Water District Water Supply Well
RW	Rio Linda Water District Water Supply Well
AW	Arcade Water District Water Supply Well
CT	CalTrans Irrigation Well

N

0 500 1000
SCALE IN FEET

RADIAN CORPORATION

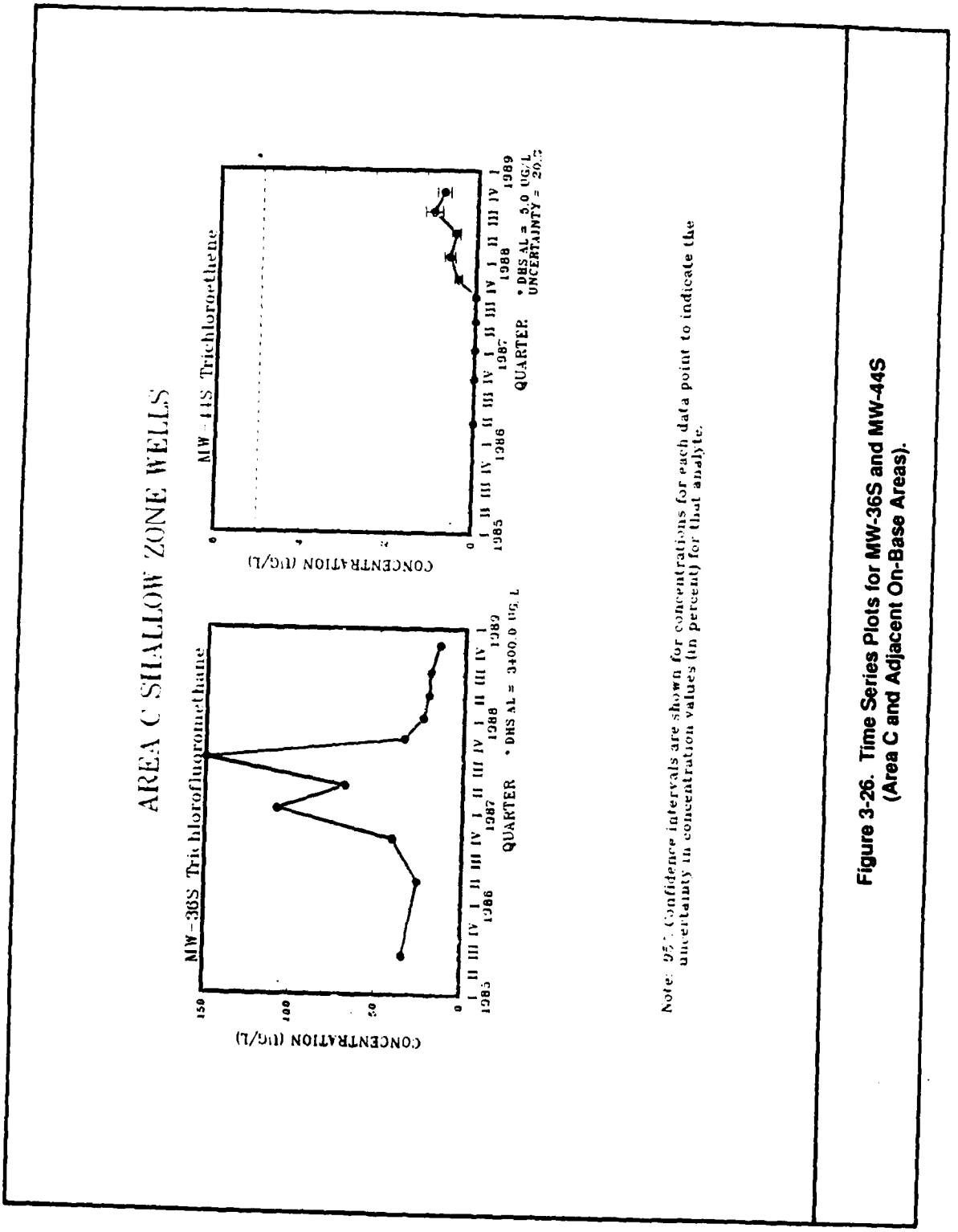


Figure 3-26. Time Series Plots for MW-36S and MW-44S (Area C and Adjacent On-Base Areas).

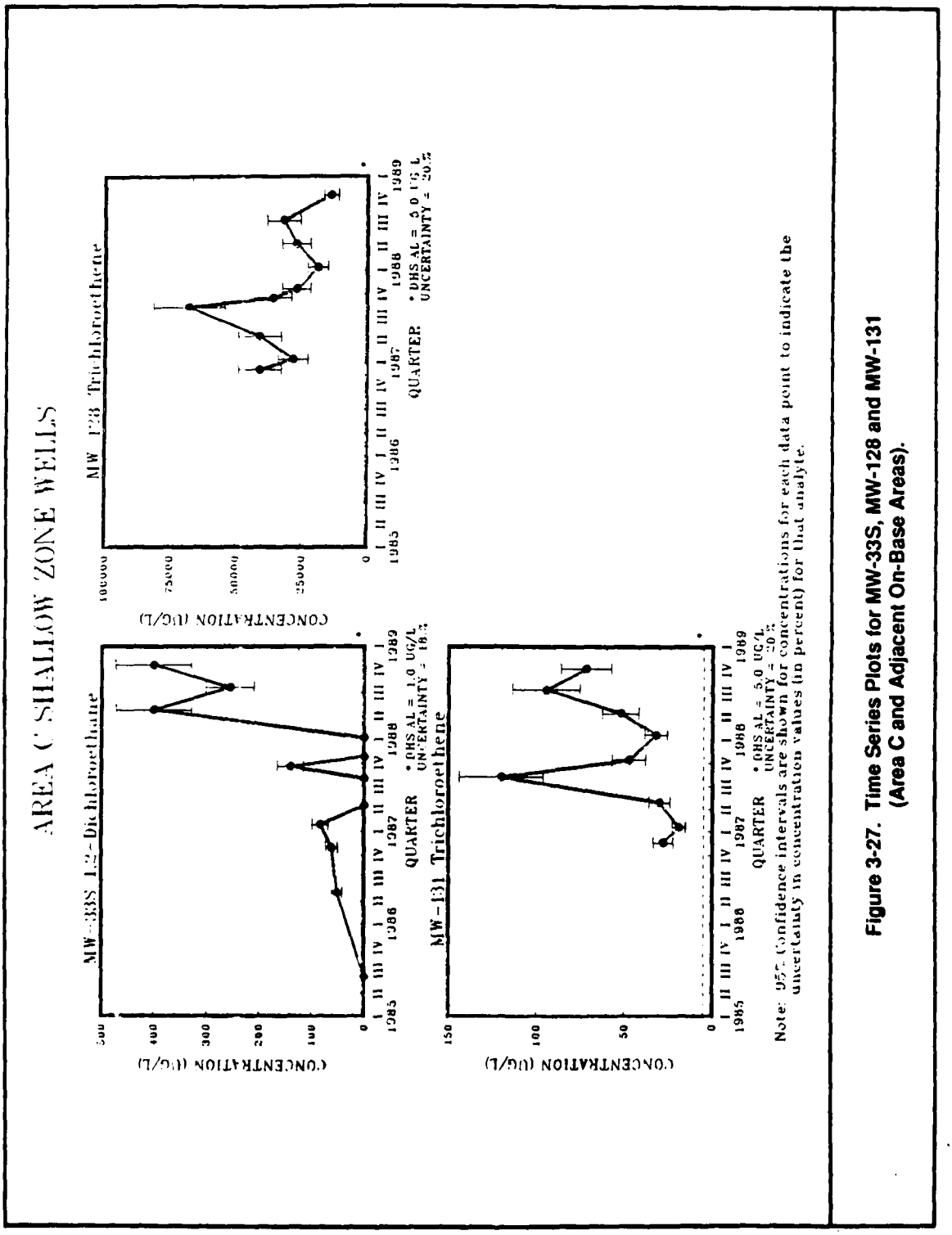


Figure 3-27. Time Series Plots for MW-33S, MW-128 and MW-131 (Area C and Adjacent On-Base Areas).

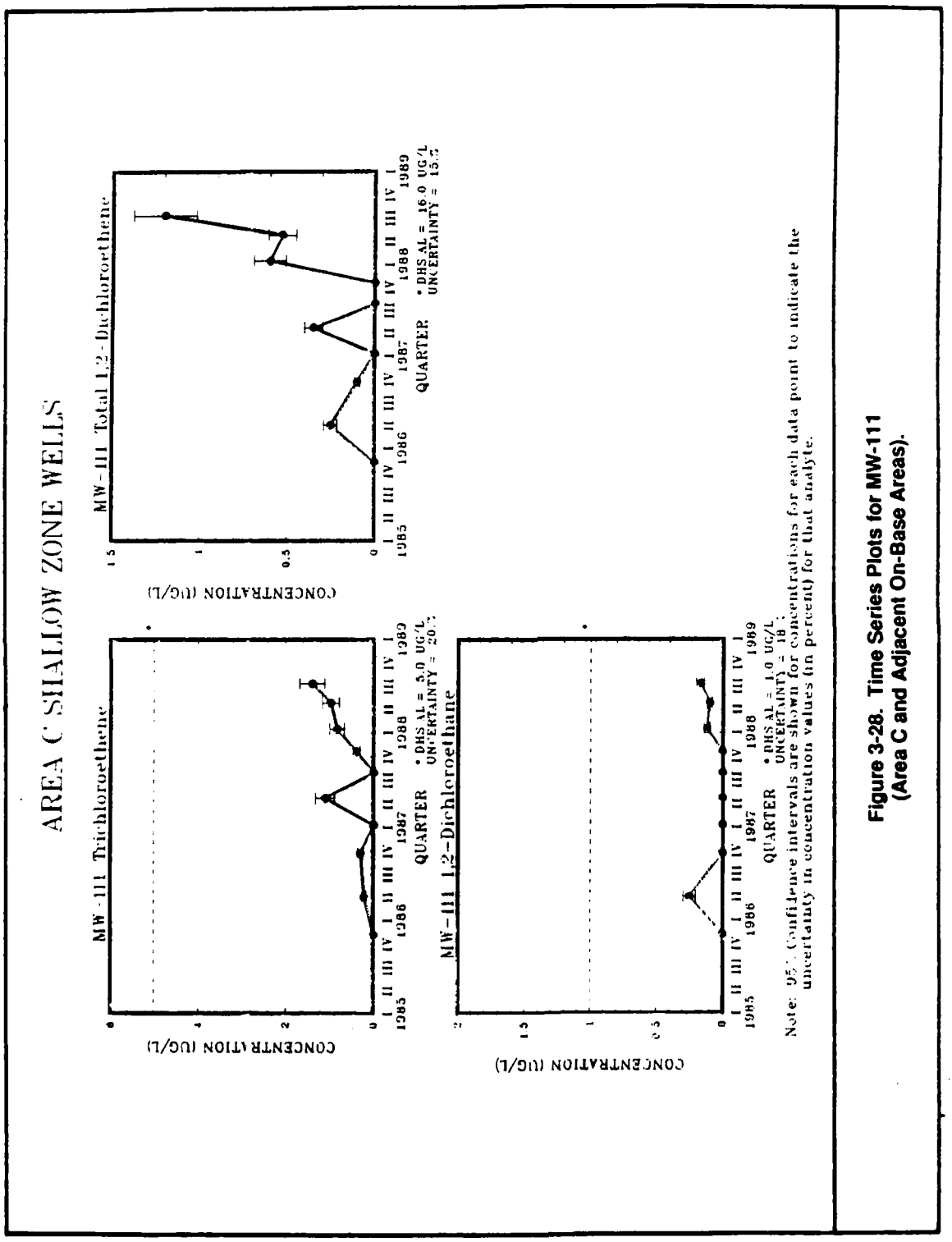
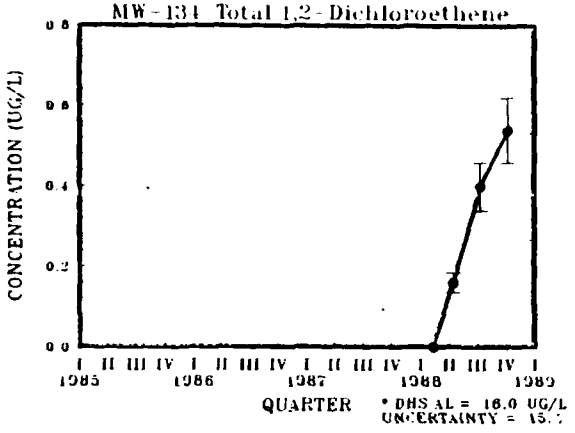


Figure 3-28. Time Series Plots for MW-111 (Area C and Adjacent On-Base Areas).

AREA C DEEP ZONE WELLS



Note: 95% Confidence intervals are shown for concentrations for each data point to indicate the uncertainty in concentration values (in percent) for that analyte.

Figure 3-29. Time Series Plots for MW-134 (Area C and Adjacent On-Base Areas).

shows an increasing trend for TCE (Figure 3-26), but concentrations are low (approximately 1 ug/L).

In the southern part of Area C, the shallow zone monitoring wells included in the monitoring program are MW-33S, MW-128, MW-131, MW-61 and MW-139. All of these wells just mentioned, currently contain TCE. Total 1,2-DCE has been detected, in all these wells throughout 1988, except MW-61 in which 1,2-DCE was not detected in October 1988. The only trends detected were an increasing trend for 1,2-DCA in MW-33S, a decreasing trend for TCE in MW-128 and an increasing TCE trend in MW-131 (Figure 3-27). The magnitude of the increase for MW-33S is estimated to be between 0 and 42.5 ug/L per sampling period. The concentrations of TCE in MW-128 vary greatly and thus the estimated change per sampling period has a wide range of -200 to -5500 ug/L. MW-131 has only been sampled nine times but the median increase estimate for TCE is 6.36 ug/L per sampling period.

MW-111 is located west of Area C and shows increasing trends for TCE, total 1,2-DCE and 1,2-DCA (Figure 3-28). The concentrations of these analytes are in the range of less than 2 ug/L and the estimated magnitude of the increases per sampling period are 0.03 to 2.75 ug/L for TCE, 0 to 0.15 ug/L for total 1,2-DCE and 0 to 0.2 ug/L for 1,2-DCA. Yet the trends are statistically verified, even if the visual appearance for 1,2-DCA is subtle. Located in the same cluster is a middle monitoring zone well, MW-113, and a deep zone "A" monitoring well, MW-112. Neither of these wells contain any of the key analytes at detectable concentrations.

There are several deep zone monitoring wells located in Area C that are included in the sampling and analysis program. Statistically significant trends were found for only one monitoring well. A slight decreasing trend for 1,1,1-TCA and a slight increasing trend for total 1,2-DCE is evident for MW-130. However, if the uncertainty associated with each reported concentration is included, these trends are not statistically significant. There are no general patterns to the trends for wells in this part of Area C. The vast

majority of the analytes that have been detected in deep zone monitoring wells show only random fluctuations in the concentrations.

South of Area C, MW-134, a deep "A" zone monitoring well, has an increasing trend for total 1,2-DCE. MW-134 was sampled for the first time in February 1988, and all analytes were reported as not detected for Method 8010. The samples taken since then, however, show detectable concentrations of TCE and total 1,2-DCE. There is an increasing trend for total 1,2-DCE, of approximately 0.19 ug/L per sampling period (Figure 3-29). MW-135 and MW-133 are located in the same well cluster as MW-134 and have been sampled for the same length of time. MW-135, a middle zone well, contains TCE, total 1,2-DCE, chloroform and 1,2-DCA, but no contaminant concentrations show any trends. Contaminants have not been detected in MW-133, which is screened in the deep "B" monitoring zone.

The central section of Area C shows widespread contamination in all groundwater zones, but there were no consistent trends that would indicate contaminant movement in general in Area C. North of this area, MW-44S shows an increasing trend for TCE in the shallow groundwater zone. In the southern section of Area C, MW-134 shows an upward trend for total 1,2-DCE in the deep "A" monitoring zone. West of Area C, MW-111 shows increasing trends for several analytes in the shallow zone.

3.3.5 Discussion

The hydrologic and analytical data for Area C monitoring and extraction wells presented above was used to determine groundwater flow rates and apparent movement of contaminants over time. These data are summarized below. The effects of the extraction system in Area C are also reviewed.

Based on the existing hydrologic and analytical data, the following observations and interpretations can be made:

- Groundwater flow appears to be generally to the south, and contaminant migration has followed the groundwater flow path towards Area B;

- The presence of a fine grained zone at -100 feet msl has not prevented downward migration of contaminants. This may be due to the presence of more permeable coarse grained sediments within the fine grain zone, which allows downward transport of contaminants;

- Contamination does generally decrease in extent and concentration with increasing depth; and

- The effect on the Area C extraction system on the groundwater flow regime cannot be evaluated with the existing groundwater monitoring wells.

During the first three quarters of 1988 water level data was available for calculating gradients. After pumping of the extraction system was begun, the configuration of the monitoring wells was not suitable for determining gradients towards pumping wells. Gradients were calculated for the last quarters of 1985 and 1987, and the first three quarters in 1988 in the shallow, middle and deep "A" monitoring zones. Vertical gradients were also calculated for specific well pairs for the fourth quarter 1987 and for the four quarters in 1988.

A range of groundwater flow rates prior to pumping of the extraction system were estimated based on the calculated horizontal gradients from July 1988 water level data, hydraulic conductivity values determined by Radian (1987) and McLaren (1986), and an estimated porosity of 0.20. The hydraulic conductivity values used were 100 and 270 gpd/ft^2. The calculated groundwater velocities range from 0.06 to 0.36 ft/day. Groundwater velocities after the extraction system began operating cannot be estimated because of the lack of water-level data needed to calculate hydraulic gradients.

There are geophysical data for some of the monitoring and extraction wells in Area C. As seen on the cross section for Area C, two finer-grained zones appear to be fairly continuous at depths of approximately -100 feet msl

and -200 feet msl. These finer-grained zones, however, have not prevented downward migration of contaminants in Area C and south of Area C. As discussed above, contaminants have been detected in the middle, deep "A" and deep "B" monitoring zones. Contamination in the middle and deep monitoring zones appears to be moving along a more narrow plume as compared to the shallow monitoring zone. Contaminants have been detected in monitoring wells screened in all zones directly south of Sites 42 and 22, but contaminants have not been detected in deep "A" zone monitoring wells located southeast of these two sites (MW-143, MW-22D, MW-138,and MW-142). There is contamination of the middle and deep "A" monitoring zone extending as far south as well cluster MW-135/MW-134/MW-133. Trichloroethene has been detected in one of the four deep "B" zone monitoring wells (MW-136) and in EW-141.

The analytical data collected from the groundwater samples in Area C indicate that there is a wider extent of contamination in the shallow monitoring zone than the other monitoring zones. Shallow zone monitoring wells west of Area C (MW-114) and southeast of Area C (MW-61) have consistently shown detectable concentrations of contaminants.

There is no consistent increasing or decreasing trends in any of the monitoring zones to indicate general contaminant movement. There does appear to be increasing contamination south of Area C over the past year in the deep "A" monitoring zone based on the results of the trend analysis for total 1,2-DCE concentrations in MW-134. Most monitoring wells that contained contaminants during the first quarter of 1988 continue to show concentrations of contaminants during the fourth quarter of 1988, although there were only a few concentration trends determined.

Area C Extraction System

The extraction system in Area C consists of four extraction wells, two that are screened in the deep "A" zone, one that is screened in both the middle and deep "A" monitoring zones, and one that is screened in the deep "B" zone. The effect of the extraction wells on local flow patterns is not apparent on potentiometric maps from the fourth quarter of 1988. There was

only one sampling event after the startup of the extraction system in 1988 and the effect of pumping on groundwater quality cannot be assessed from one data set.

Potentiometric maps were generated from water level data collected one month after the start up of the extraction system in Area C. The contours on the maps for the shallow and middle monitoring zone do not show any effect due to the extraction. The deep "A" zone potentiometric map shows an indentation of the -38 foot contour in the area of the extraction system. Based on this one set of data, flow does appear to be towards the extraction system. There is a limited number of monitoring wells positioned close to the extraction system to determine the capture zone of the extraction wells.

There are no appropriately located well pairs screened in the same zone as any of the four extraction wells. Therefore, horizontal gradients cannot be calculated for these zones. There is one well pair screened in deep "B" monitoring zone and located radially outward from EW-137 (which is screened in the deep "A" zone). The horizontal gradients calculated indicate a flow potential away from EW-137 before operation of the extraction system began, and a flow potential towards EW-137 after the extraction system startup (Table 3-13).

The potential for downward flow was also calculated prior to and after the extraction system pumping was initiated (Table 3-13). Vertical gradients calculated at two well clusters indicate a downward flow potential from the shallow to the middle, and from the middle to the deep "A" monitoring zones. One well cluster is located near EW-144 (MW-128/MW-129/MW-130). The other well cluster (MW-134/MW-135) is located approximately 800 feet south of EW-140 and EW-141. After the startup of the extraction system there was a significant increase in the downward flow potential between the middle and deep monitoring zones at well cluster MW-128/MW-129/MW-130. There was no change in the vertical gradients between MW-134/MW-135. Because there are no well clusters near the other three extraction wells, the downward flow potential near EW-137, EW-140 and EW-141 cannot be calculated.

There are analytical data from only one sampling event after pumping of the extraction system was begun. Analytical data collected prior to August 1988 will provide a baseline against which any future changes in water quality can be assessed.

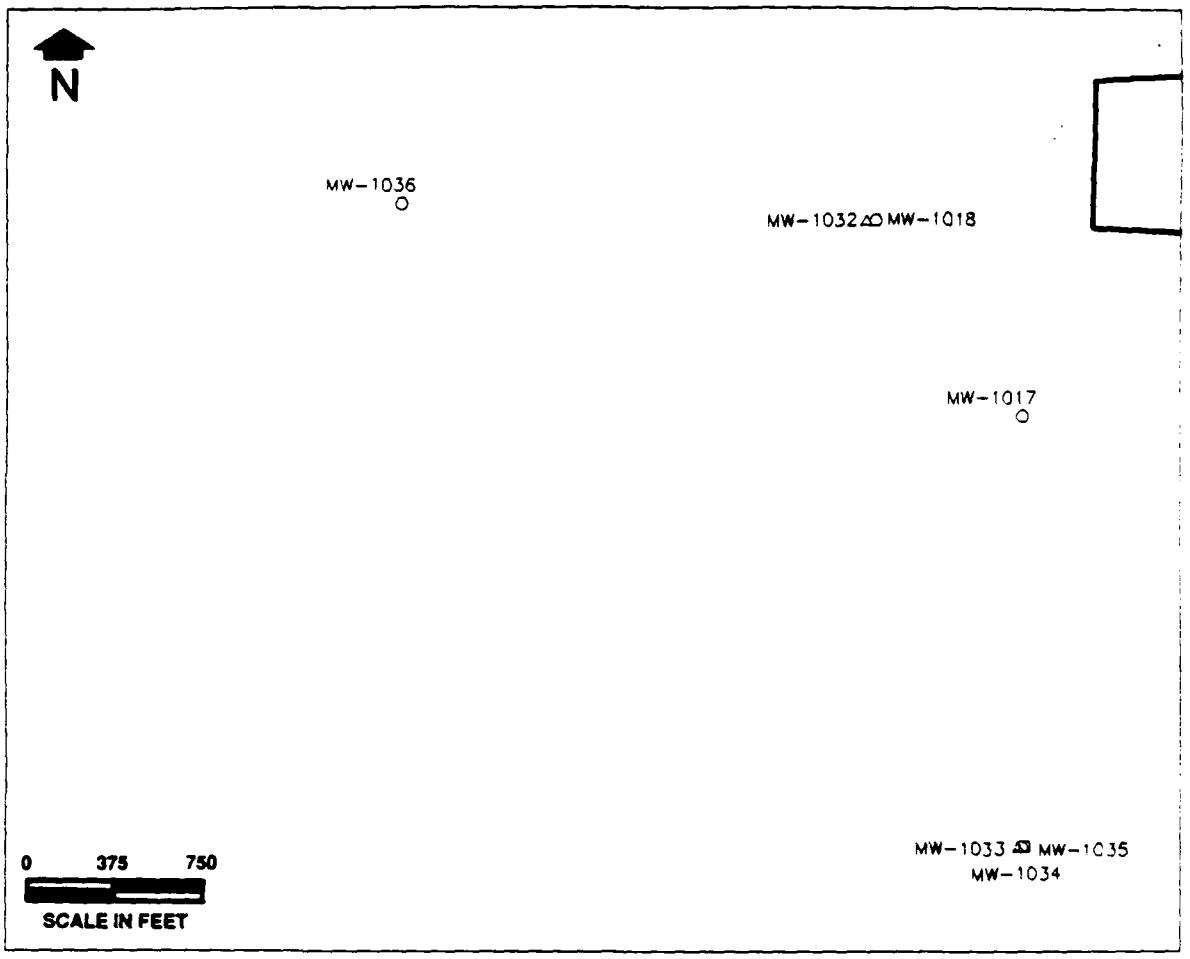
In summary, the regional southerly groundwater flow pattern appears to have transported contaminants south of Area C. There is evidence of both horizontal and vertical contaminant migration south of two identified sources, although contaminant levels are highest in the shallow shallow monitoring zone. The effect of the Area C extraction system cannot be evaluated based on data from the existing groundwater monitoring well configuration and limited analytical results. Additional piezometers to be installed as part of the PGOURI will provide potentiometric data to evaluate the capture zone.

3.4 West Area

The West Area is an off-base area located west of Area C. The boundaries of the West Area extend west from the base boundary to Dry Creek Road, north to approximately Vinci Avenue and south of Grace (Figure 3-1). There are 7 monitoring wells located in the West Area (Figure 3-30). Four monitoring wells are screened in the shallow monitoring zone, 2 are screened in the middle monitoring zone and 1 is screened in the deep monitoring zone. Table 3-15 summarizes information on the wells located in the West Area.

3.4.1 Potential Sources of Groundwater Contamination

The potential sources of the contaminants may be located on base or there may be other unknown sources. Groundwater flow patterns in the past changed with certain seasons. During high demand times of irrigation (summer months), flow directions were from the east to the west (off base). Otherwise, they were to the south. More recently, flow patterns show a consistent south to southeasterly flow path.



LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites
- Cross Section Locations

Monitoring Wells:

- ○ Shallow Zone
- △ Middle Zone
- □ Deep "A" or "B" Zone
- \+ Dry Well

Other Wells:

- Extraction Well
- Active Water Supply Well
- Inactive Water Supply Well

Figure 3-30. Wells Located in the West Area.

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TABLE 3-15. MONITORING WELLS IN THE WEST AREA

Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells	Total Number of Wells
Shallow	MW-1017 MW-1018[a] MW-1033 MW-1036[a]	None	None	4
Middle	MW-1032 MW-1034	None	None	2
Deep	MW-1035	None	None	1
Total Numbers of Wells	7	0	0	

[a] Samples collected from this well have contained TCE.

3.4.2 Hydrogeologic Data

There are some hydrogeologic data for the West Area, but because the contamination problem is of limited extent, there has not been an emphasis on obtaining data for this area. The lithologic logs for the existing monitoring wells have been described in general terms and are not very reliable. Gradients have been calculated from water level data for Fourth Quarter 1987 and for Fourth Quarter 1988. As shown in Table 3-16 horizontal gradients have increased over the past year but vertical gradients have not increased.

3.4.3 Horizontal and Vertical Distribution

There is no evidence of widespread groundwater contamination in the West Area. Results of sampling of private residential wells and subsequent sampling of monitoring wells show low levels of contamination, less than 2.0 ug/L (Table 3-17).

Trichloroethene has been detected in two of the seven monitoring wells located in the West Area, MW-1018 and MW-1036. TCE concentrations in these two shallow zone monitoring wells have been less than 2.0 ug/L (Figure 3-31). Tetrachlorethene was once detected in October 1987 at a level of 0.20 ug/L in MW-1034, a middle zone monitoring well. Trichloroethene has not been detected in any middle or deep zone monitoring wells in this area (Figures 3-32 and 3-33).

3.4.4 Trend Analysis

Trend analysis data for monitoring wells in the West Area are limited because contaminants have not been detected in monitoring wells or have been inconsistently detected. A decreasing trend for TCE concentration is observed in MW-1036 (Figure 3-34). The concentrations are less than 2.0 ug/L and the median estimate of the change per time period is -0.09 ug/L. Total-1,2-DCE is also present in this well but shows no trend.

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TABLE 3-16. HORIZONTAL AND VERTICAL GRADIENTS FOR SELECTED MONITORING WELLS LOCATED IN THE WEST AREA

Well Pair	Monitoring Zone	Distance (feet)	Head Difference Feet		Gradient	
			4Q 1987	4Q 1988	4Q 1987	4Q 1988
Horizontal						
MW-1018/MW-1033	Shallow	2725	3.61	3.34	7.0 ft/mile	6.7 ft/mile
MW-1032/MW-1034	Middle	2725	3.16	3.09	6.1 ft/mile	6.0 ft/mile
Vertical						
MW-1033/MW-1034	Shallow/ Middle	52.5	0.30	0.37	-0.01 ft/ft	-0.01 ft/ft
MW-1034/MW-1035	Middle/ Deep	59.6	0.57	0.60	-0.01 ft/ft	-0.01 ft/ft

Note: Negative (-) gradient indicates downward flow potential.

TABLE 3-17. RANGES OF DETECTABLE CONCENTRATIONS FOR KEY ANALYTES[a] IN MONITORING WELLS LOCATED IN THE WEST AREA FROM 1985 TO 1988, McCLELLAN AFB

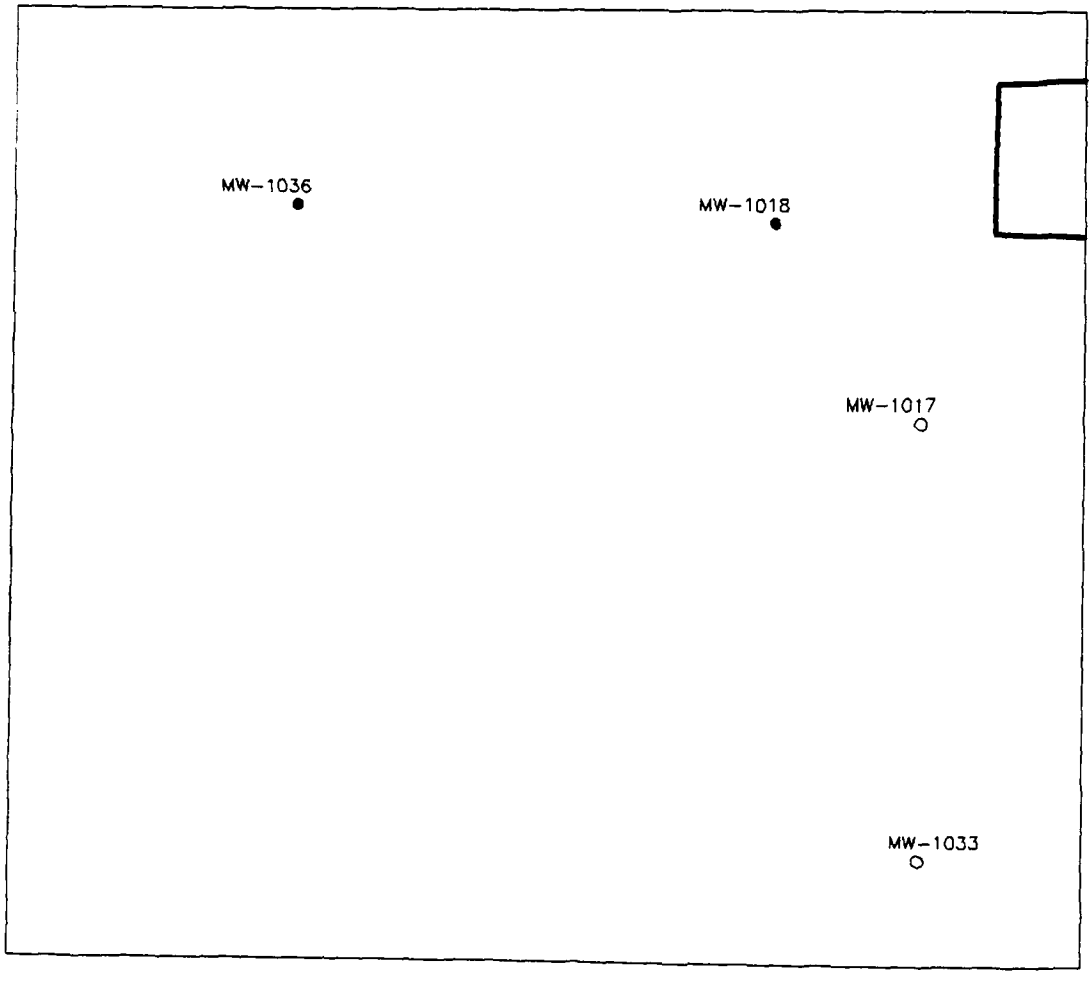
Groundwater Monitoring Zone	Analyte	Minimum Concentration Detected	Maximum Concentration Detected
		All units are ug/L	
Shallow	1,1-Dichloroethane	0.35	0.35
	Total 1,2-Dichloroethene	0.11	0.62
	Chloroform	0.1	0.17
	1,2-Dichloroethane	0.12	0.14
	Trichloroethene	0.25	1.7
Middle	Tetrachloroethene	0.20	0.20
Deep	No Key Analytes were detected in this zone		

[a] The 10 key analytes and associated action levels are given in the table below.

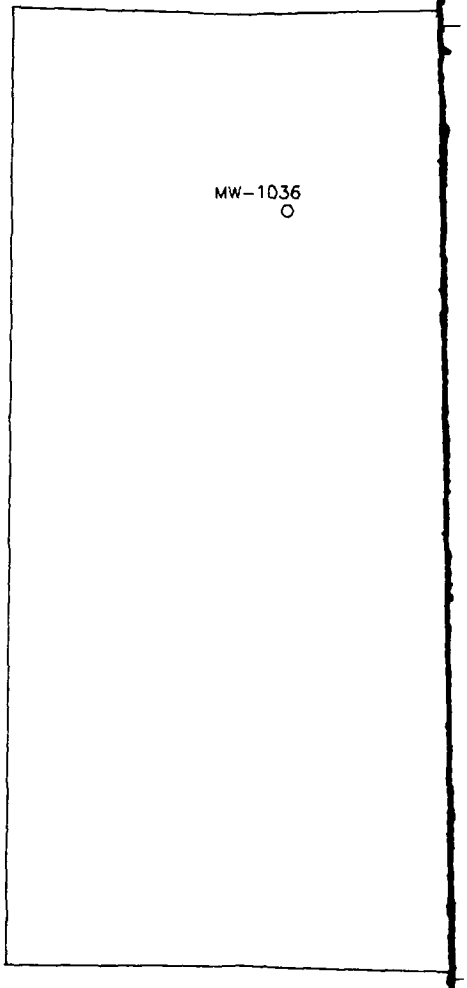
Key Analyte	DHS Action Level	EPA Primary MCL
Vinyl Chloride	2	1
1,1-Dichloroethene	6	7
1,1-Dichloroethane	20	NE
Total 1,2-Dichloroethene	16	NE
Chloroform	100	100
1,2-Dichloroethane	1	5
1,1,1-Trichloroethane	200	200
Carbon Tetrachloride	5	5
Trichloroethene	5	5
Tetrachloroethene	4	NE

NE = Not established.
Units are ug/L.

HISTORICAL OCCURRENCE OF TCE IN WEST AREA SHALLOW MONITORING WELLS



MOST REC IN WEST AREA



MOST RECENT OCCURRENCE OF TCE IN WEST AREA SHALLOW MONITORING WELLS (OCTOBER 1988)

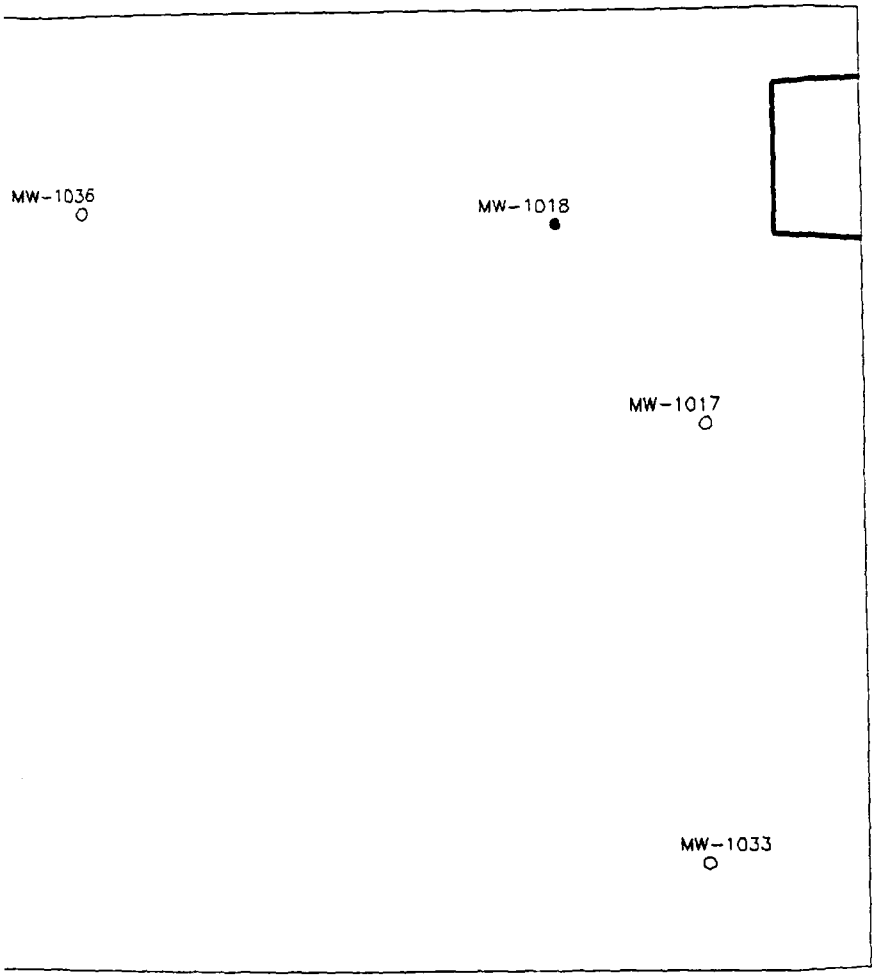


Figure 3-31.
Historical & Present Occurrence of TCE in Shallow Zone Monitoring Wells, West Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW *Extraction Well*
- + Dry or Abandoned Well
- ✡ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

N

0 375 750

SCALE IN FEET

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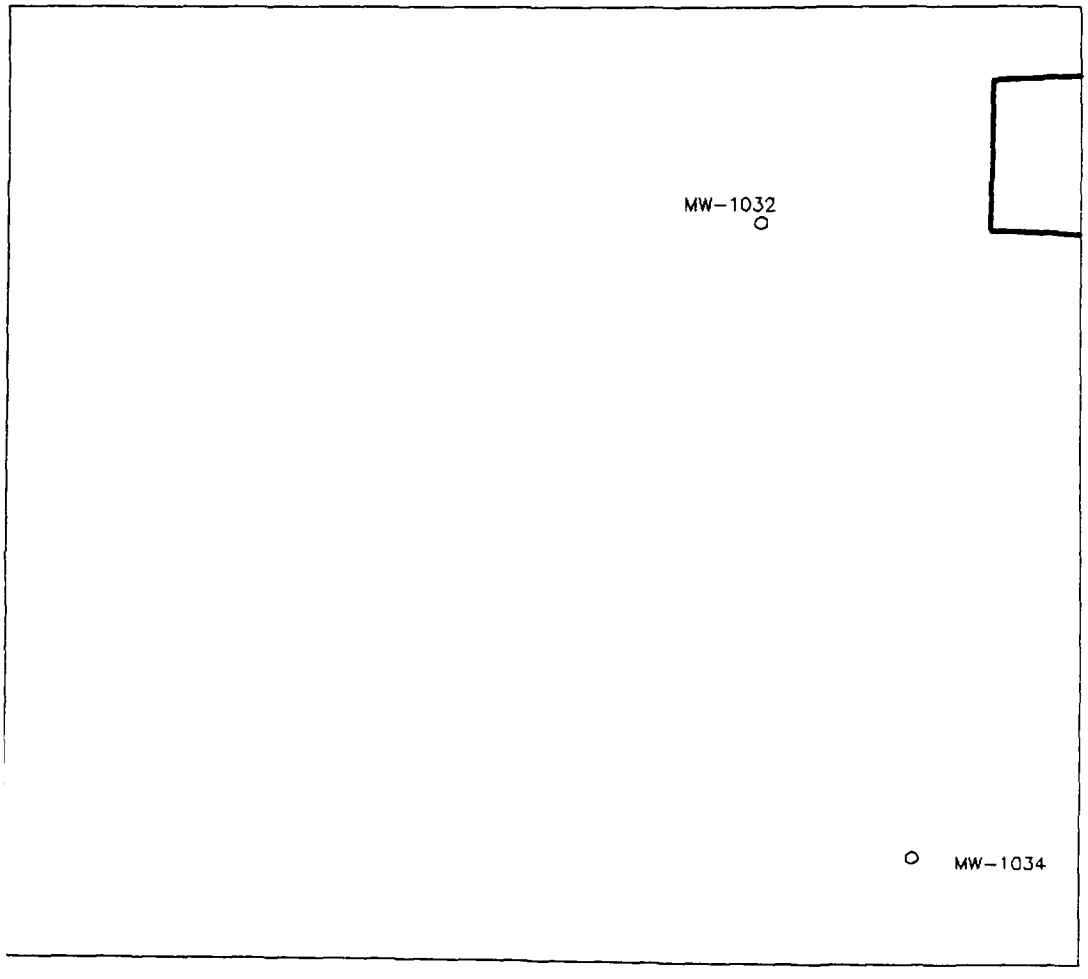
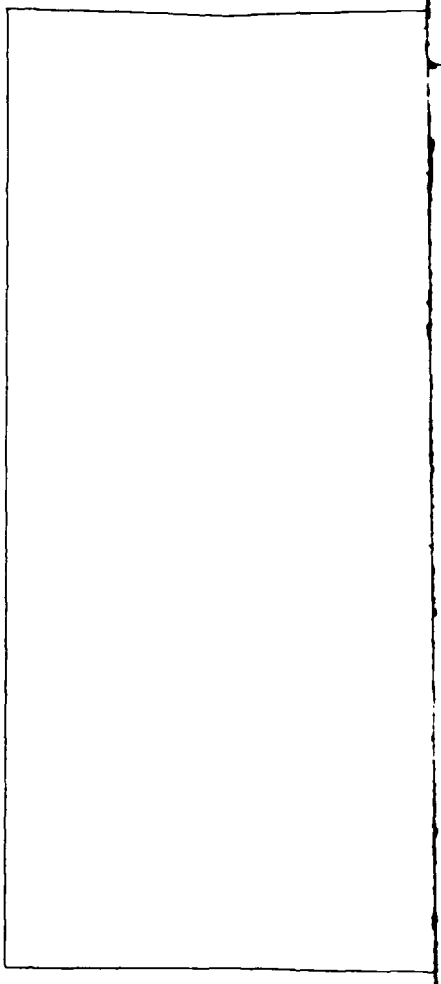
HISTORICAL OCCURRENCE OF TCE
IN WEST AREA MIDDLE MONITORING WELLS

MOST RECE
IN WEST AREA
(





MOST RECENT OCCURRENCE OF TCE IN WEST AREA MIDDLE MONITORING WELLS (OCTOBER 1988)

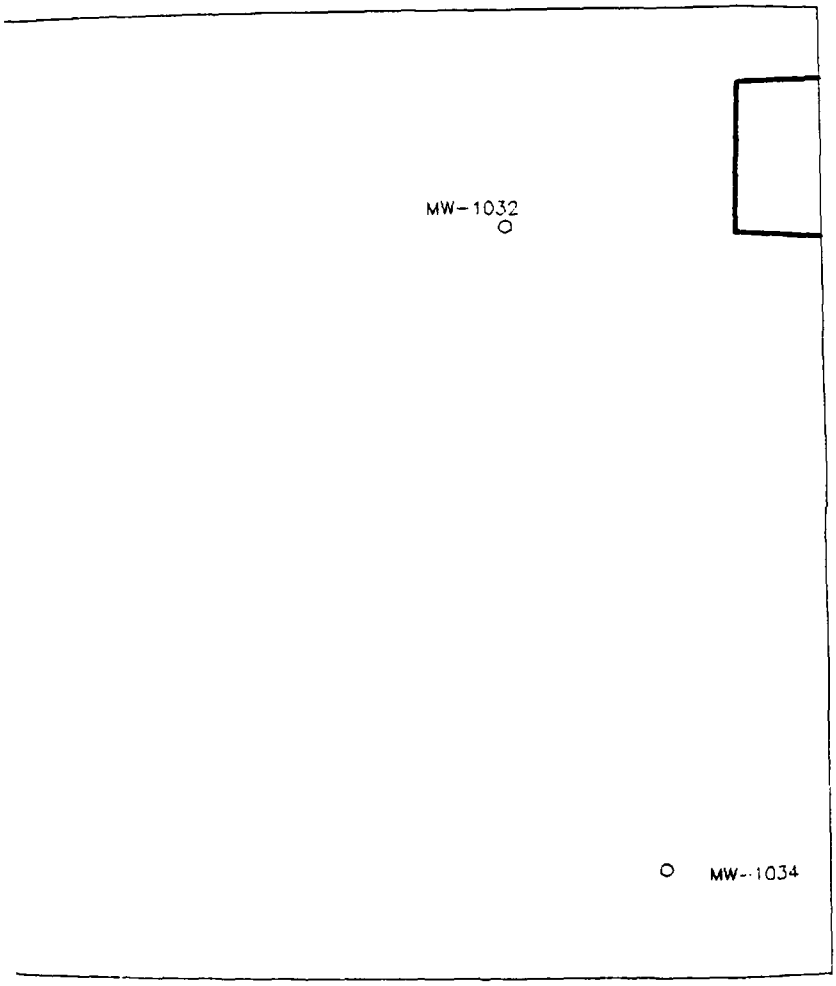


Figure 3-32.
Historical & Present Occurrence of TCE in Middle Zone Monitoring Wells, West Area.

LEGEND:

— McClellan AFB Boundary

Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

○	TCE Not Detected
●	TCE Concentrations Below Standard
◉	TCE Concentrations Above Standard
EW	Extraction Well
+	Dry or Abandoned Well
✲	Other Wells
NS	Not Sampled

OTHER WELLS

BW	Base Water Supply Well
CW	City of Sacramento Water Supply Well
NW	Northridge Water District Water Supply Well
RW	Rio Linda Water District Water Supply Well
AW	Arcade Water District Water Supply Well
CT	CalTrans Irrigation Well

N

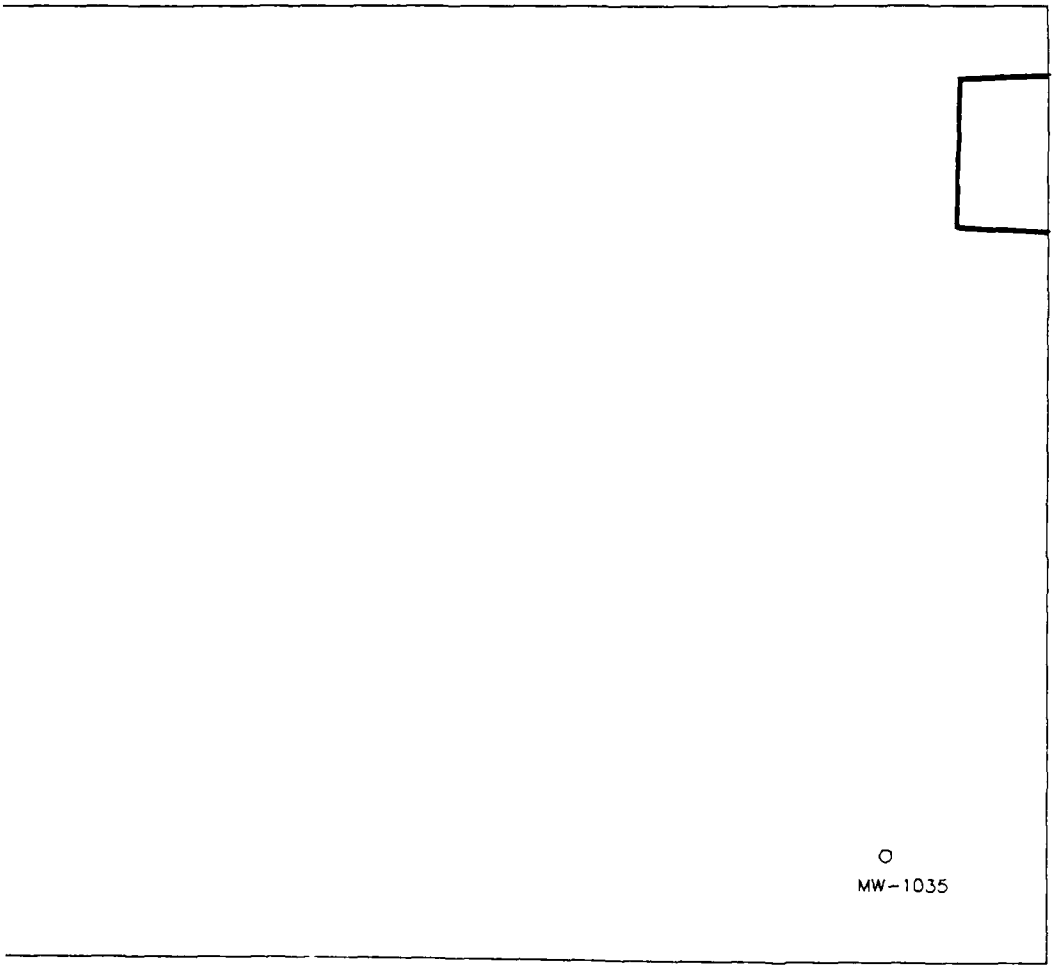
0 375 750

SCALE IN FEET

RADIAN CORPORATION

HISTORICAL OCCURRENCE OF TCE
IN WEST AREA DEEP "A" MONITORING WELLS

MOST RECE
IN WEST AREA
(



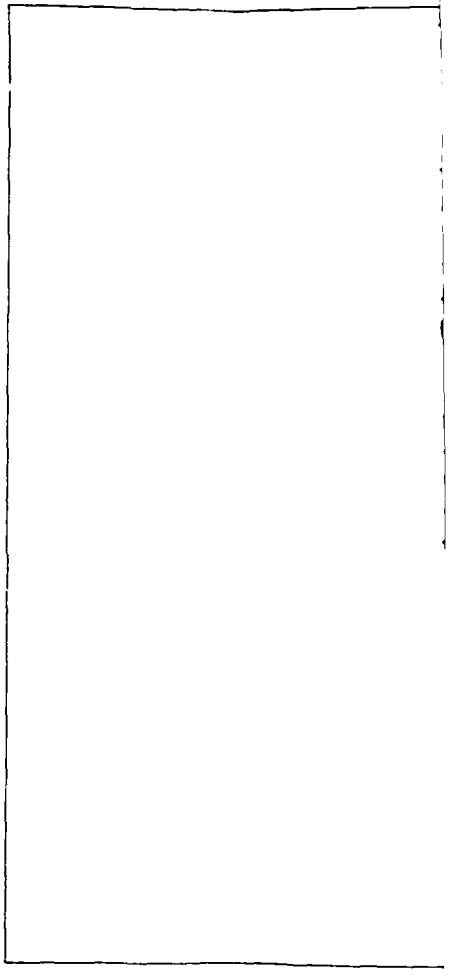
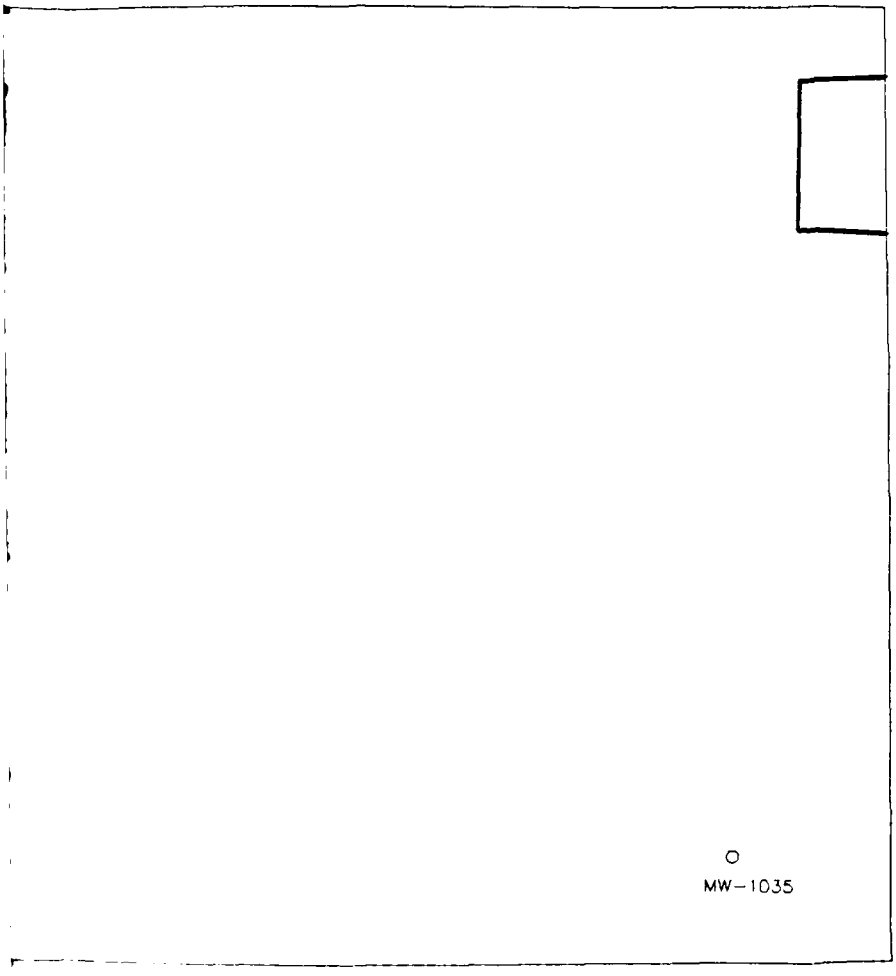


Figure 3-33.
Historical & Present Occurrence of TCE in Deep "A" Zone Monitoring Wells, West Area.



LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- + Dry or Abandoned Well
- ✡ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

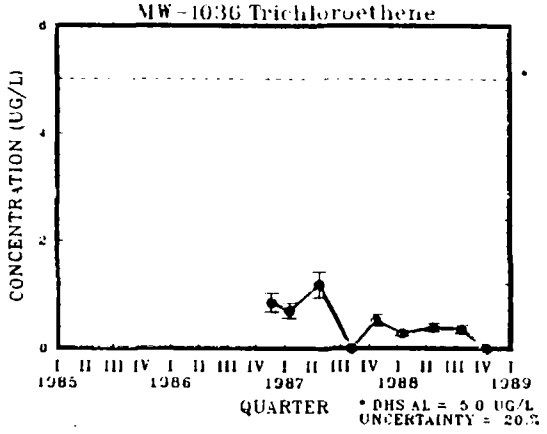
N

0 375 750

SCALE IN FEET

RADIAN CORPORATION

WEST AREA SHALLOW ZONE WELLS



Note: 95% Confidence intervals are shown for concentrations for each data point to indicate the uncertainty in concentration values (in percent) for that analyte.

Figure 3-34. Time Series Plots for MW-1036 (West Area).

3.4.5 Discussion

Low concentrations of contaminants have been detected in two shallow zone monitoring wells in the West Area. Contaminant levels are expected to remain low or decrease because groundwater flow is from the West Area towards the base, and most identified potential sources are on-base. An increase in contaminants detected in monitoring wells located in the West Area may indicate an off-base source.

3.5 Area D and Adjacent On-Base Areas and the Northwest Area

Area D is located in the northwestern portion of the base (Figure 3-1). The outer boundary of Area D was determined by CH2M Hill based on historic waste generation and disposal activities identified during record searches conducted in 1981. Potential release locations located outside of the Area D boundary are referred to as "Adjacent On-Base Areas and the Northwest Area." The Northwest Area is the area immediately off-base, due west of Area D (Figure 3-1).

Industrial activities have occurred in Area D since the late 1940s. Past operations have included burial and burning of waste solvents, disposal of industrial sludge, burial of aircraft engine sodium valves, and burial of general refuse and debris.

Groundwater contamination was first detected in the northwestern part of the base in 1979. On and off-base sampling at that time identified three areas of TCE contamination, one of which was later named Area D. In 1981, CH2M Hill completed the IRP Phase I records search which identified past disposal sites in Area D and ranked them in order of priority to be remediated. In 1983 Engineering Science completed the IRP Phase I confirmation of the existence and extent of groundwater contamination in Area D. In 1984 CH2M Hill completed the site characterization study of Area D and made recommendations for a containment system. In 1986 McLaren Engineering completed

construction and testing of the Area D Extraction System. The system has been on-line since March 1987 and appears to be effectively preventing groundwater flow and contaminant migration away from Area D.

There are 28 monitoring wells and 6 extraction wells located in Area D and Adjacent On-Base areas. Of the monitoring wells, 22 are currently included in the McClellan AFB groundwater monitoring network. There are 22 monitoring wells located in the Northwest Area, and of these, 19 are currently included in the monitoring well network. The locations of these wells are shown in Figures 3-35 and 3-36.

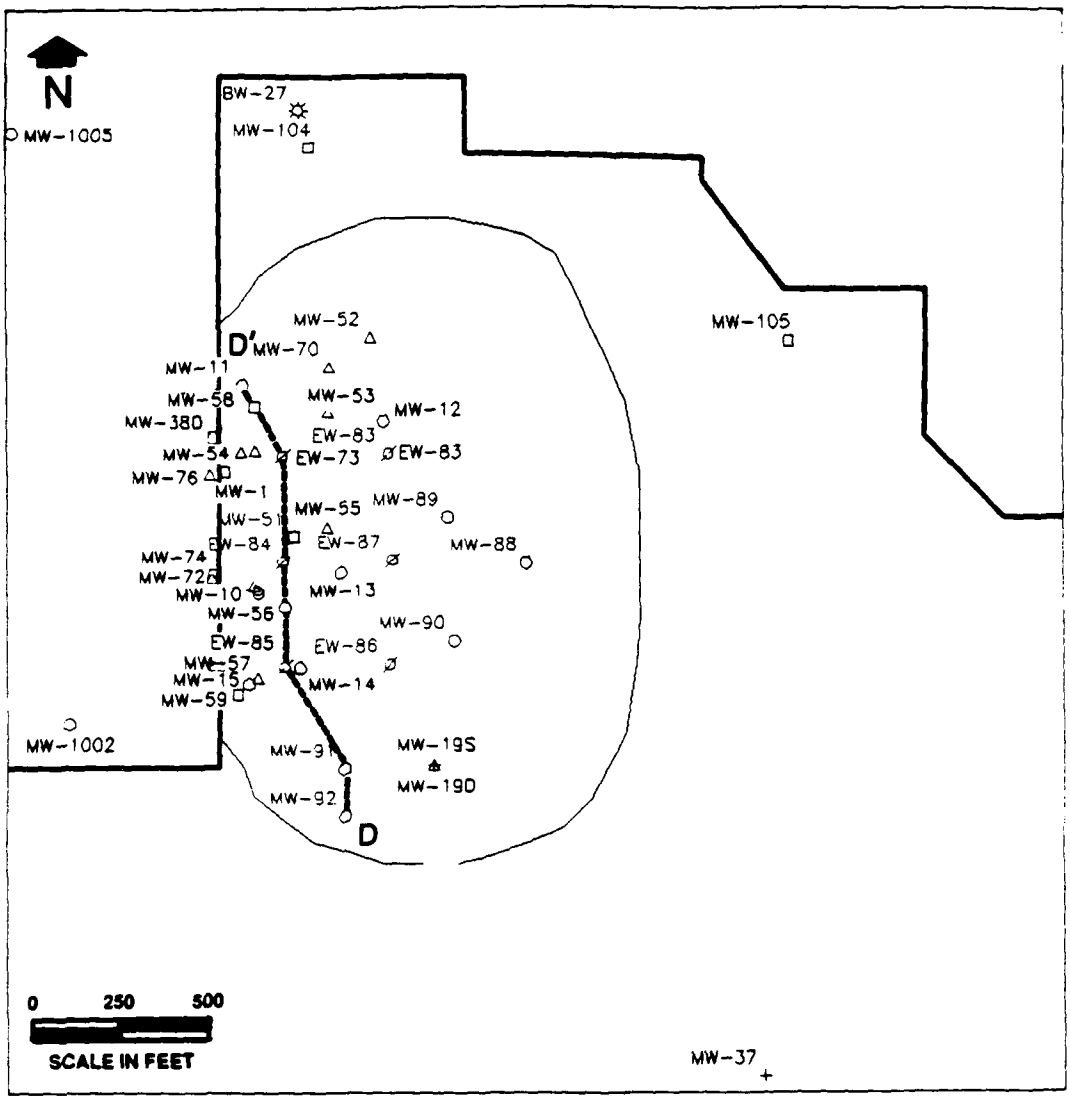
3.5.1 Potential Sources of Groundwater Contamination

There are 10 Confirmed Sites, 2 PSPRLs, and 1 UPRL located in Area D and Adjacent On-Base Areas. Appendix A-4 summarizes the types of contaminants that have been confirmed or are suspected to have been used, stored and/or disposed at each location. Descriptions presented in Appendix A-4 are based on information provided by previous USAF contractors (CH2M Hill, 1981; McLaren, 1986) and the McClellan AFB Office of Environmental Management.

3.5.2 Hydrogeologic Data

Soils in the vicinity of Area D are classified as sand, silty sand, and low plasticity silt. Moisture contents vary from 5 to 42 percent, specific gravities range from 2.61 to 2.70, and consistencies vary from moderately dense to very dense. Soils are brown to red-brown in color, and hardpan is present at a depth of approximately 4 feet in many parts of Area D, especially east of the former Magpie Creek Channel (CH2M Hill, 1985). According to the USDA (1986), soils in the southeast portion of Area D are classified as San Joaquin Fine Sandy Loam and in the northwest portion as Xeralific Arents. These were described in Section 3.2.2.

The geologic section beneath Area D is depicted in Figure 3-37 and the surface trace of the cross section is shown on Figure 3-35. The section



LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites
- Cross Section Locations

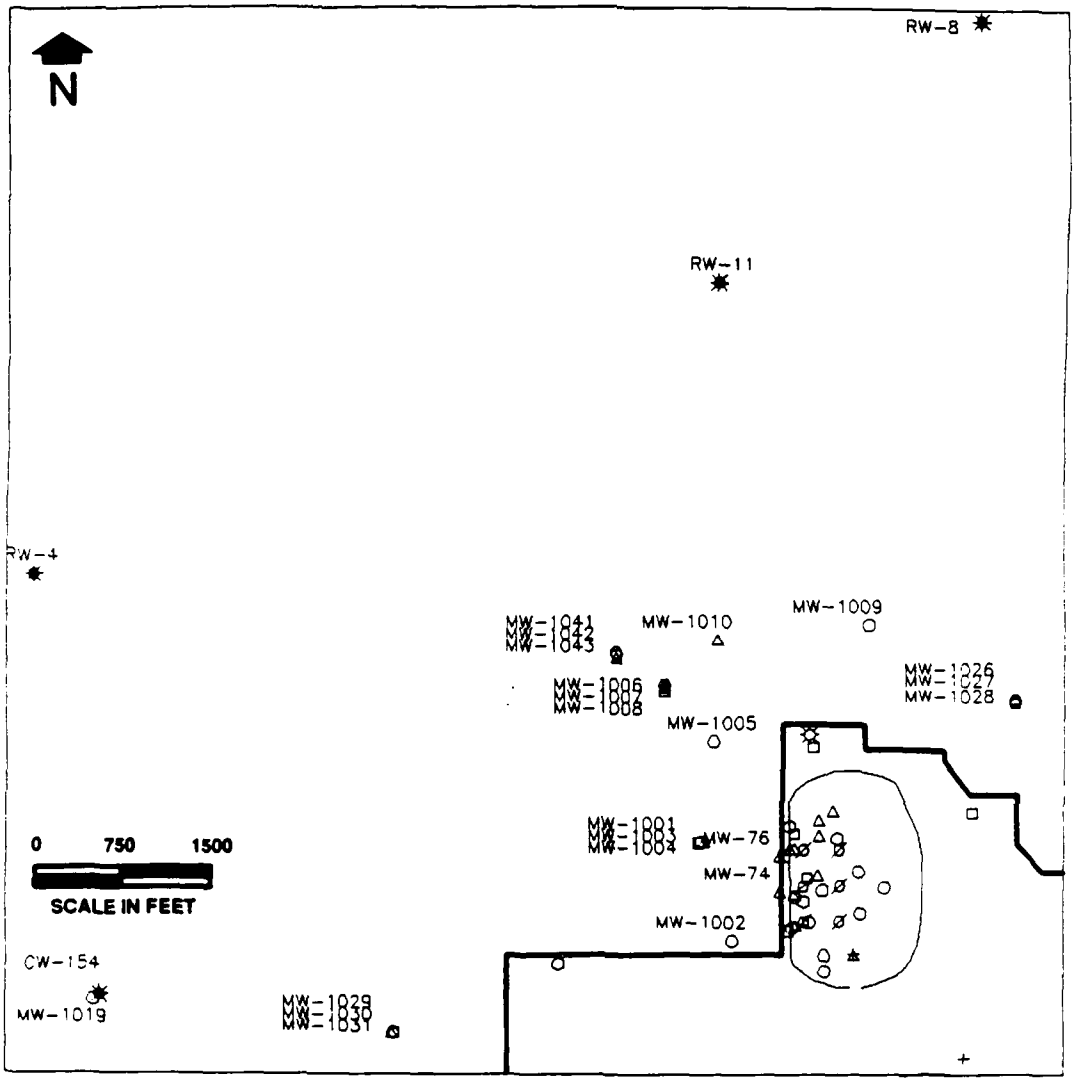
Monitoring Wells:

- ○ Shallow Zone
- △ Middle Zone
- □ Deep "A" or "B" Zone
- \+ Dry Well

Other Wells:

- ⌀ Extraction Well
- ✱ Active Water Supply Well
- ☼ Inactive Water Supply Well

Figure 3-35. Wells Located in Area D and Adjacent On-Base Areas.



LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites
- Cross Section Locations

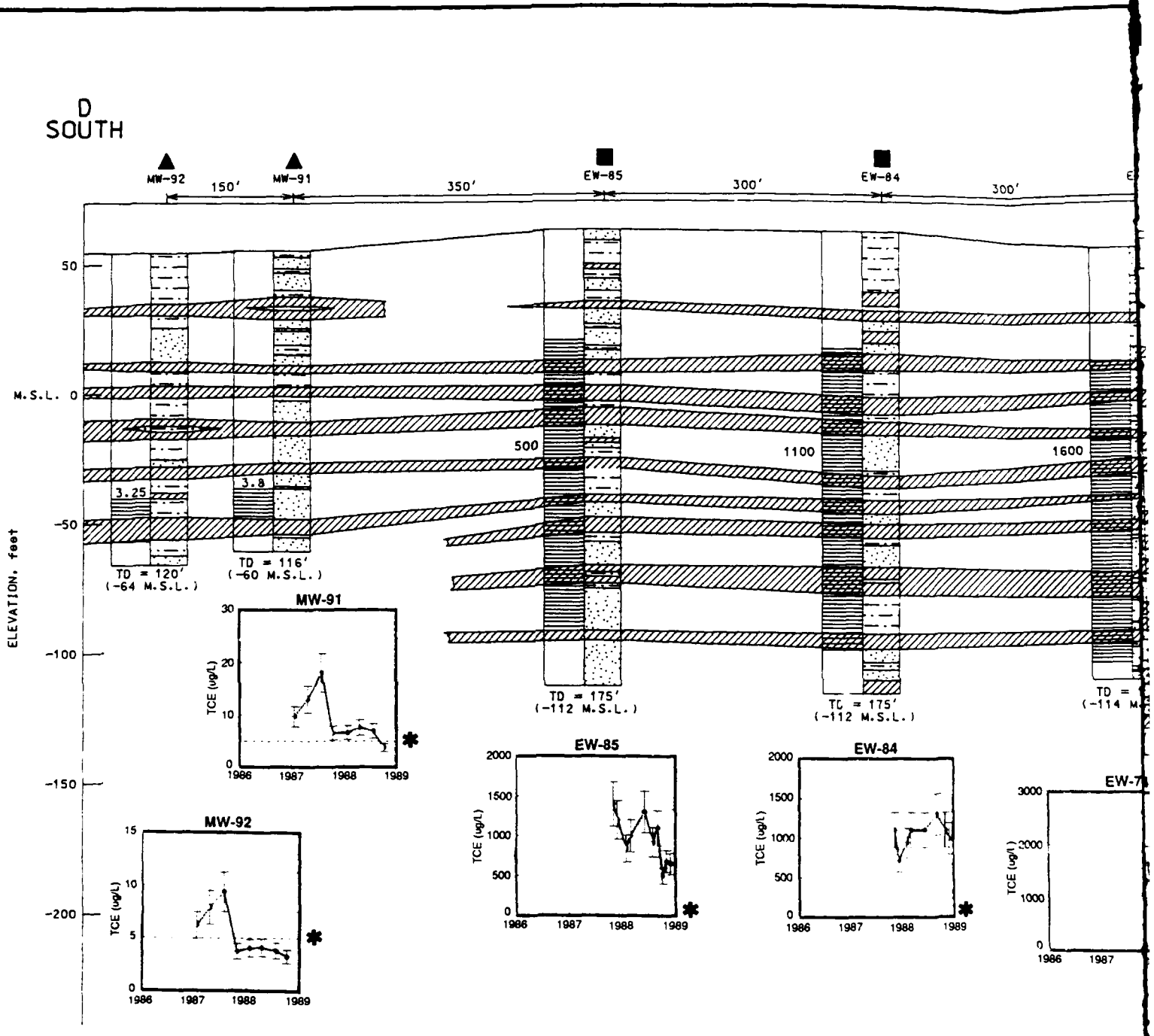
Monitoring Wells:

- ○ Shallow Zone
- △ Middle Zone
- □ Deep "A" or "B" Zone
- \+ Dry Well

Other Wells:

- ⌀ Extraction Well
- ✱ Active Water Supply Well
- ☼ Inactive Water Supply Well

Figure 3-36. Wells Located in the Northwest Area.



✱ DHS and EPA Action Levels equal to 5ug/L

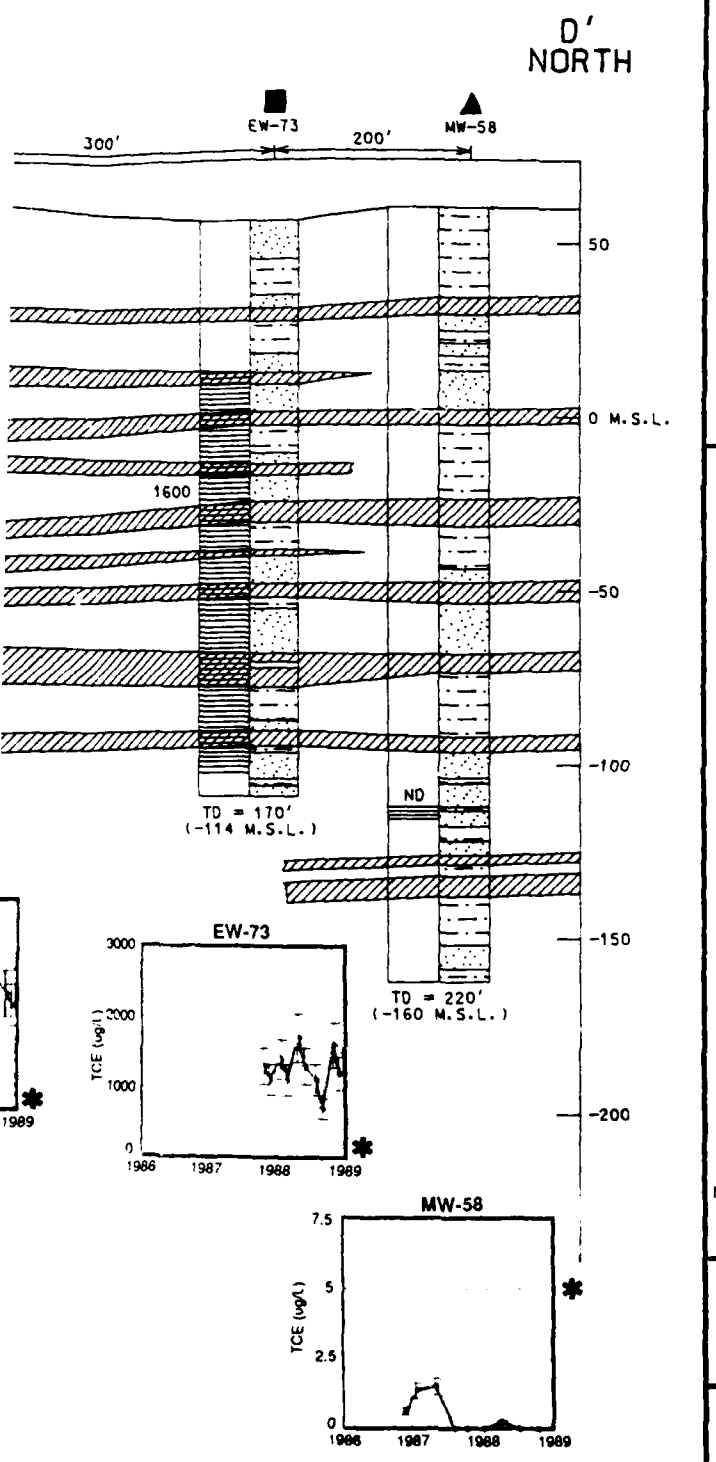


Figure 3-37.
Subsurface Profile, Area D

LEGEND

▲	MONITORING WELL (MW)
■	EXTRACTION WELL (EW)
☼	BASE PRODUCTION WELL (BW)
M.S.L.	MEAN SEA LEVEL
TD	TOTAL DEPTH
	SAND
	SILT
	CLAYEY SILT
	NO DATA
	SCREEN INTERVAL

SCALE

HS: 1" ≈ 390'
VS: 1" ≈ 54'
VE ≈ 7.2

NOTE: TCE CONCENTRATIONS ARE REPORTED NEXT TO SCREEN INTERVALS IN ug/l FOR OCTOBER THROUGH DECEMBER, 1988 SAMPLING PERIOD.
ND = NOT DETECTED

GENERATED BY: [illegible] 7-20-89
PROJECT REVIEW: Mary McCurdy 7-21-89
PEER REVIEW: Inger P. Thompson 7-21-89

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traverses Area D from north to south and includes three of the six wells in the Area D Extraction System. The strata appear nearly flat lying with gentle south dip on the southern end of the section. This section runs approximately perpendicular to the northeast-southwest trending paleo stream channels tentatively identified in the subsurface of this area.

As shown in Figure 3-37, the geologic section consists of alternating sands, silts, and clayey silts of the Victor, Fair Oaks, and Laguna formations. No wells in Area D have yet been drilled deep enough to penetrate the Mehrten Formation. The subsurface stratigraphy beneath Area D appears distinct from that of Areas A, B, and C. The fine-grained zone which occurs from approximately -40 to -100 feet msl in Areas A, B, and C seems to be absent in Area D. In addition, more of the clayey silts appear to be locally correlative and persist in a laterally continuous manner. Based on this interpretation, some of the Area D subsurface sediments are expected to have less variation in texture, porosity, and hydraulic conductivity than sediments in Area A, B, and C.

There are 50 monitoring wells in Area D, Adjacent On-Base Areas, and in the Northwest Area. Forty-two are network wells and 8 are non-network wells. Of these, 22 wells are screened in the shallow monitoring zone, 17 in the middle zone, and 11 in the deep zone. Water levels were measured in 42 of these wells on a monthly basis from January through September 1988, at which time measurement frequency was switched to quarterly. The eight wells in which water levels were not measured are non-network wells with extensive gravel packs or screen intervals in more than one monitoring zone. (Tables 3-18 and 3-19).

Potentiometric surface maps produced from water levels measured on 29 and 30 September 1988 for the shallow, middle, and deep monitoring zones are shown on Plates 2, 3 and 4. These maps clearly show the influence of the Area D extraction system. In the shallow and middle monitoring zones there is a well defined cone of depression indicating a radial flow pattern toward the extraction wells. In the deep zone, data are sparse but suggest that flow is

TABLE 3-18. MONITORING WELLS IN AREA D AND ADJACENT ON-BASE AREAS

Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells[a]	Abandoned (Grouted)	Total Number of Wells
Shallow	MW-10[a] MW-11[a] MW-12[a] MW-14[a] MW-15[b] MW-88[b] MW-89[b] MW-90[b] MW-91[a] MW-92[a]	MW-13[c] MW-56	None	19-S[a]	13
Middle	MW-52[a] MW-53[a] MW-54[a] MW-55[a] MW-57[a] MW-70[a] MW-72[a]	MW-19D[b] MW-38D[a]	None	None	9
Deep	MW-51 MW-58[a] MW-59[a] MW-104[b] MW-105[b]	MW-1[c]	None	None	6
Total Number of Wells	22	5	0	1	28

[a] Samples collected from these wells have contained TCE.

[b] Well contained one of the 10 key analytes other than TCE.

[c] Well has been abandoned or destroyed.

TABLE 3-19. MONITORING WELLS IN THE NORTHWEST AREA

Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells	Total Number of Wells
Shallow	MW-1002[a] MW-1004[a] MW-1005[a] MW-1009 MW-1019[a] MW-1026 MW-1029[a] MW-1041[a]	MW-1008[c]	None	9
Middle	MW-74[a] MW-76[a] MW-1003[b] MW-1010 MW-1027 MW-1030 MW-1042[a]	MW-1007[c]	None	8
Deep	MW-1001 MW-1028 MW-1031 MW-1043	MW-1006[c]	None	5
Total Number of Wells	19	3	0	22

[a] Samples collected from these wells have contained TCE.

[b] Well contained one of the 10 key analytes other than TCE.

[c] Well selected for abandonment (destruction).

southeast from off-base to on-base. Prior to operation of the Area D extraction system, groundwater flow, and contaminant migration was to the south-southwest and seasonally to the west-northwest.

In designing the Area D extraction system, McLaren Engineering specified certain well pairs to be used in calculating head differences and horizontal gradients. These well pairs were selected based on availability and their locations relative to the extraction wells. Table 3-20 presents the well pairs, calculated head differences, and gradients. Water-level data from the October through December 1988 Data Summary were used to calculate these parameters.

3.5.3 Contaminant Distribution

Fifty monitoring wells located in Area D, Adjacent On-Base Areas, and the Northwest Area have been sampled by Radian or other USAF contractors at least once since 1981. Samples collected from 35 of these wells have contained one of the ten key analytes at a concentration greater than the detection limit. Ranges of detected concentrations from 1985 through 1988 are shown in Tables 3-21 and 3-22.

Within Area D and the Adjacent On-Base Area all shallow zone monitoring wells have contained a detectable concentration of one of the ten key analytes during their sampling history. This is shown in Figure 3-38 which depicts the historical occurrence of TCE as compared to the current occurrence (October through December 1988 sampling period). Monitoring wells MW-88, MW-89, and MW-90, all of which are located on the eastern edge of the Area D wellfield, did not contain TCE during the last sampling period. However, samples from all three wells did contain 1,1-DCE which is one of the ten key analytes. Within the Northwest Area, all shallow zone monitoring wells except two (MW-1009 and MW-1026) have contained detectable concentrations of TCE during their sampling history (Figure 3-39). These two monitoring wells located due north and northeast of Area D have never contained contaminants. Based on known groundwater flow directions in the past, these

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TABLE 3-20. HEAD DIFFERENCES AND GRADIENTS OF SELECTED WELL PAIRS IN AREA D

Well Pair	Monitoring Zone	Horizontal Distance (feet)	Head Difference (feet)	Gradient (feet/feet)	Gradient (feet/mile)
MW-54/MW-76	Middle	144	0.83	0.006	30.43
MW-72/MW-74	Middle	122	0.32	0.0026	13.85
MW-88/MW-89	Shallow	257	0.97	0.0038	19.87
MW-88/MW-90	Shallow	300	1.46	0.0049	25.64
MW-91/MW-92	Shallow	132	0.35	0.0027	14.00

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TABLE 3-21. RANGES OF DETECTABLE CONCENTRATIONS FOR KEY ANALYTES a IN MONITORING WELLS LOCATED IN AREA D AND ADJACENT ON-BASE AREAS FROM 1985 TO 1988, McCLELLAN AFB

Groundwater Monitoring Zone	Analyte	Minimum Concentration Detected	Maximum Concentration Detected
		All units are ug/L	
Shallow	Vinyl chloride	1.4	400
	1,1-Dichloroethene	0.21	64300
	1,1-Dichloroethane	0.19	3560
	Total 1,2-Dichloroethene	0.12	460
	Chloroform	1.6	2320
	1,2-Dichloroethane	5.6	2790
	1,1,1-Trichloroethane	0.17	22800
	Trichloroethene	2.6	26600
	Tetrachloroethene	2.4	2480
Middle	Vinyl chloride	0.34	2230
	1,1-Dichloroethene	0.25	11500
	1,1-Dichloroethane	0.39	4430
	Total 1,2-Dichloroethene	0.62	7020
	Chloroform	0.57	3.2
	1,2-Dichloroethane	0.16	300
	1,1,1-Trichloroethane	0.22	1870
	Trichloroethene	0.32	1200
	Tetrachloroethene	0.16	260
Deep	Vinyl chloride	1.3	1.3
	1,1-Dichloroethene	0.14	270
	1,1-Dichloroethane	0.13	2.0
	Total 1,2-Dichloroethene	0.15	2.6
	Chloroform	0.85	0.85
	1,1,1-Trichloroethane	0.21	19
	Trichloroethene	0.23	290
	Tetrachloroethene	0.10	0.10

a The 10 key analytes and associated action levels are given in the table below.

Key Analyte	DHS Action Level	EPA Primary MCL
Vinyl Chloride	2	1
1,1-Dichloroethene	6	7
1,1-Dichloroethane	20	NE
Total 1,2-Dichloroethene	16	NE
Chloroform	100	100
1,2-Dichloroethane	1	5
1,1,1-Trichloroethane	200	200
Carbon Tetrachloride	5	5
Trichloroethene	5	5
Tetrachloroethene	4	NE

NE - not established.
All unit are ug/L.

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TABLE 3-22. RANGES OF DETECTABLE CONCENTRATIONS FOR KEY ANALYTES a IN MONITORING WELLS LOCATED IN THE NORTHWEST AREA FROM 1985 TO 1988, McCLELLAN AFB

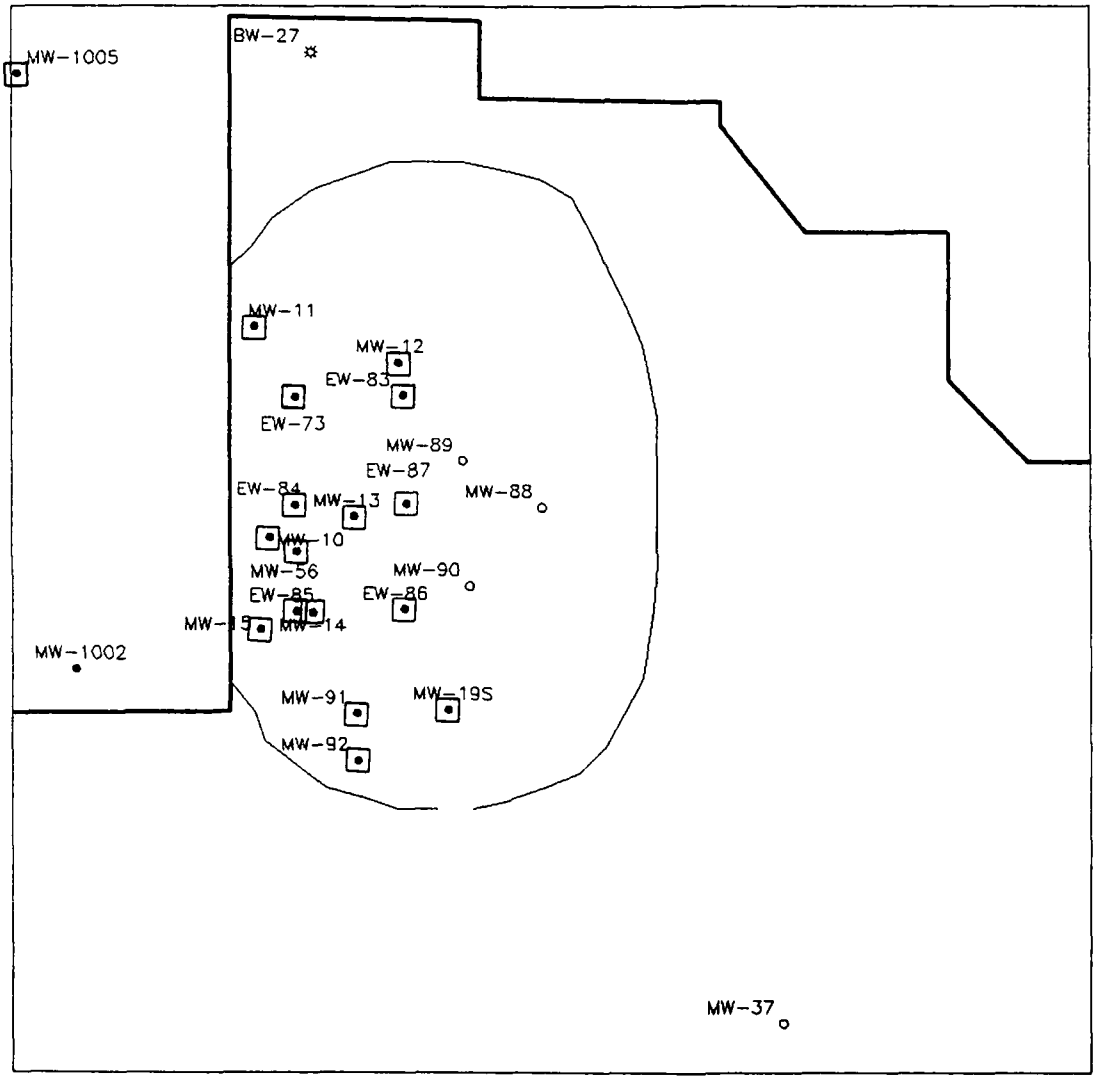
Groundwater Monitoring Zone	Analyte	Minimum Concentration Detected	Maximum Concentration Detected
		All units are ug/L	
Shallow	Vinyl chloride	0.41	0.43
	1,1-Dichloroethene	0.10	280
	1,1-Dichloroethane	0.4	41
	Total 1,2-Dichloroethene	0.1	43
	Chloroform	0.10	2.8
	1,2-Dichloroethane	0.13	14
	1,1,1-Trichloroethane	0.2	16
	Trichloroethene	0.25	100
	Tetrachloroethene	0.1	1.2
Middle	Vinyl chloride	1.4	1.4
	1,1-Dichloroethene	0.16	200
	1,1-Dichloroethane	0.21	16
	Total 1,2-Dichloroethene	0.24	28
	1,2-Dichloroethane	0.20	1.4
	1,1,1-Trichloroethane	0.61	0.61
	Carbon tetrachloride	0.2	0.2
	Trichloroethene	0.41	8.3
	Tetrachloroethene	0.14	0.14
Deep	No Key Analytes were detected in this zone		

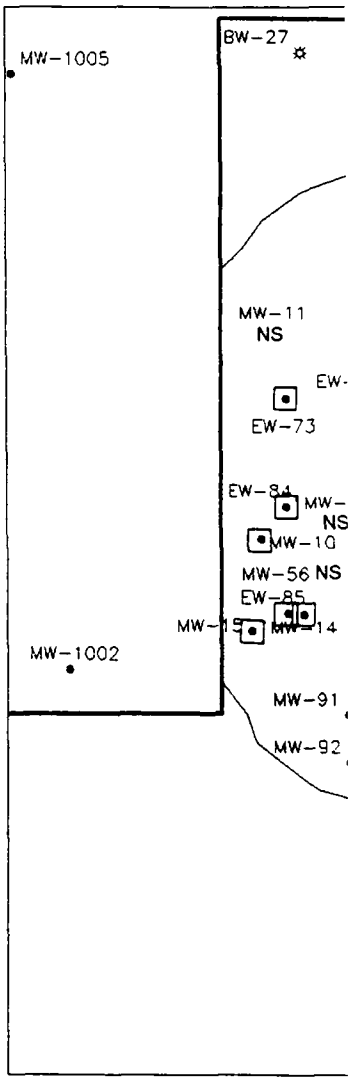
a The 10 key analytes and associated action levels are given in the table below.

Key Analyte	DHS Action Level	EPA Primary MCL
Vinyl Chloride	2	1
1,1-Dichloroethene	6	7
1,1-Dichloroethane	20	NE
Total 1,2-Dichloroethene	16	NE
Chloroform	100	100
1,2-Dichloroethane	1	5
1,1,1-Trichloroethane	200	200
Carbon Tetrachloride	5	5
Trichloroethene	5	5
Tetrachloroethene	4	NE

NE = not established.
All unit are ug/L.

HISTORICAL OCCURRENCE OF TCE IN AREA D SHALLOW MONITORING WELLS





MOST RECENT OCCURRENCE OF TCE IN AREA D SHALLOW MONITORING WELLS (OCTOBER 1988)

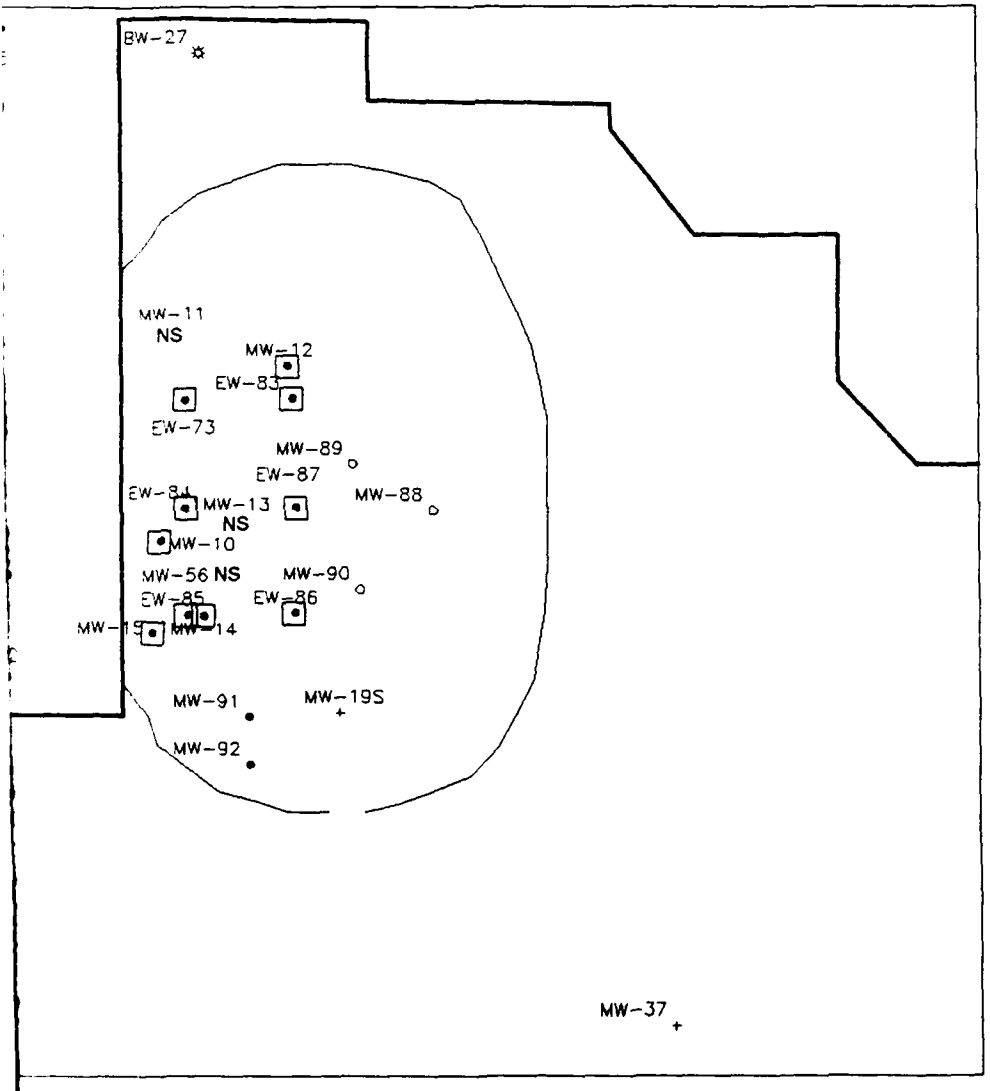


Figure 3-38. Historical & Present Occurrence of TCE in Shallow Zone Monitoring Wells, Area D & Adjacent On-Base Areas.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- \+ Dry or Abandoned Well
- ✡ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

N

0 250 500

SCALE IN FEET

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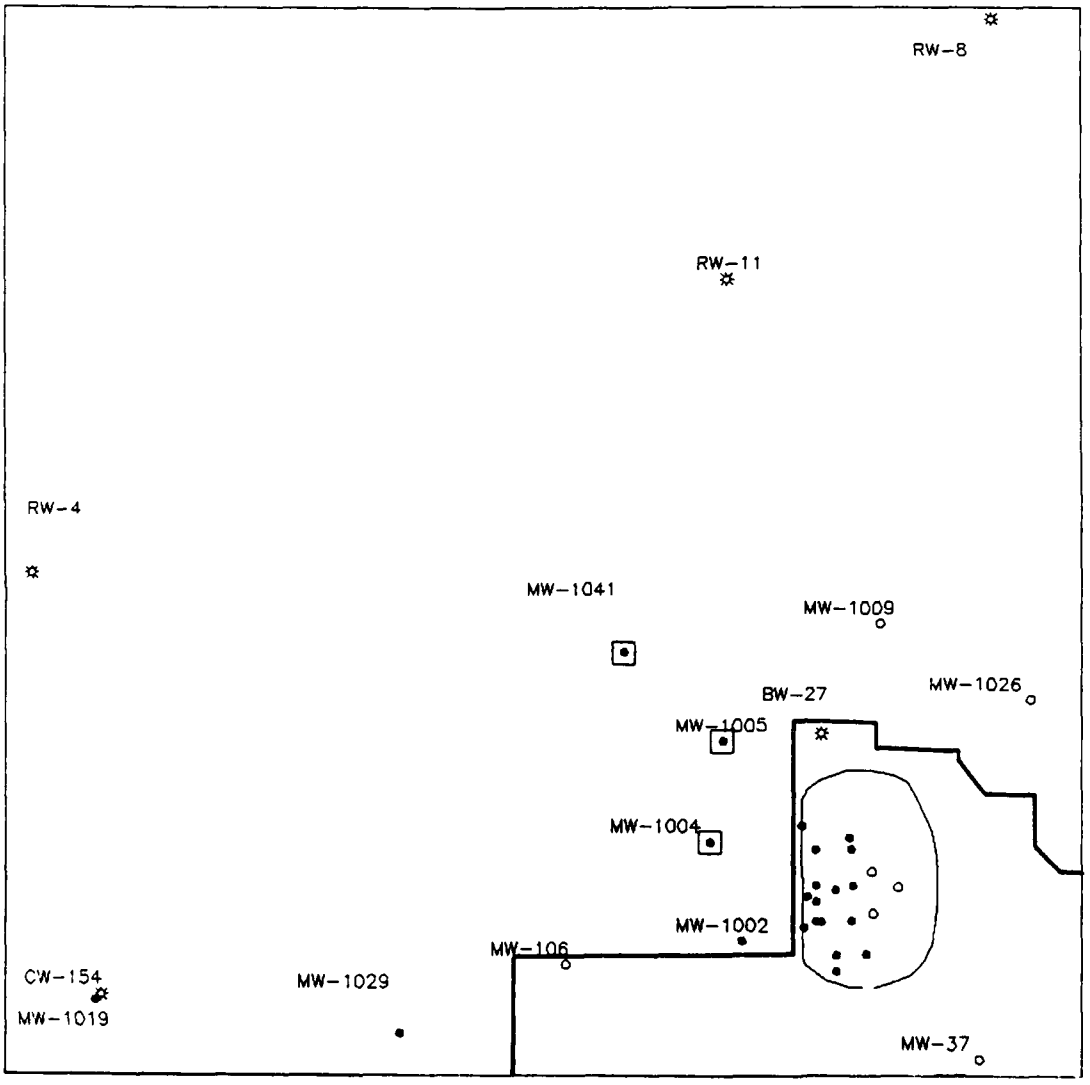
HISTORICAL OCCURRENCE OF TCE
IN NORTHWEST AREA SHALLOW MONITORING WELLS



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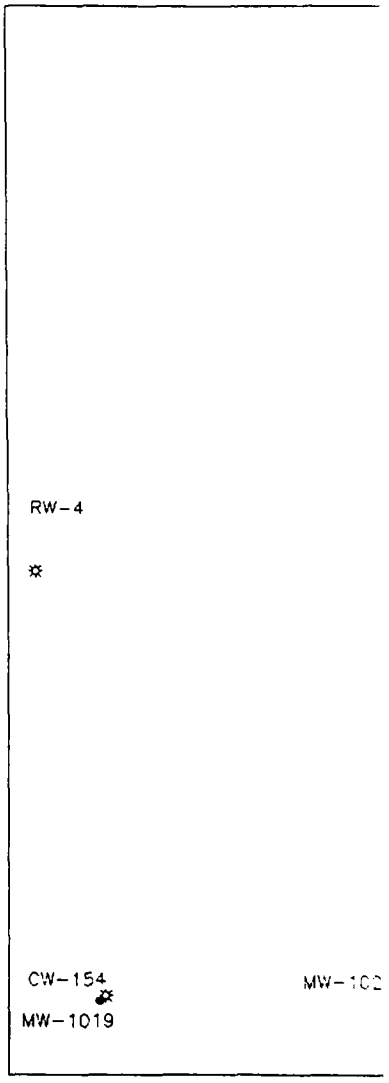
IN NORTHWEST



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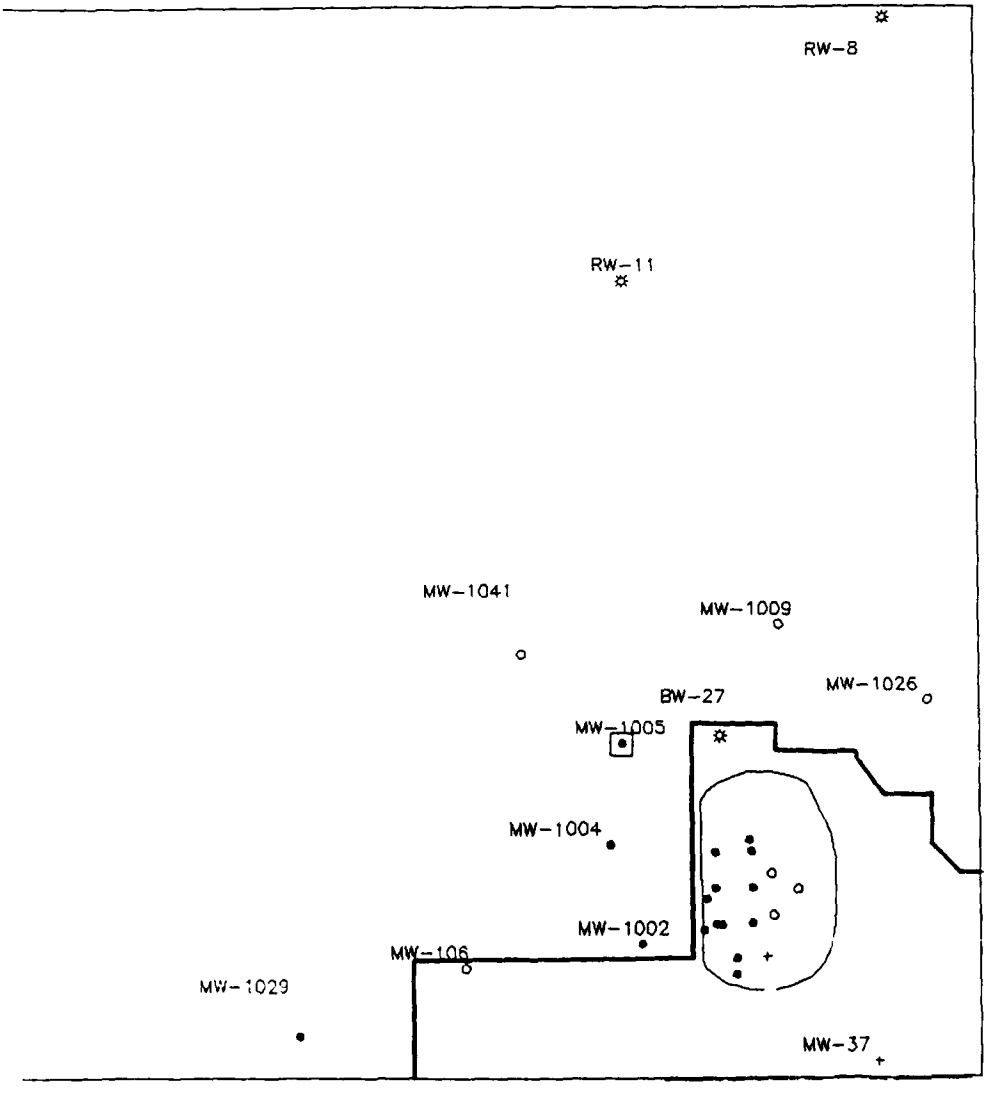

Figure 3-39. Historical & Present Occurrence of TCE in Shallow Zone Monitoring Wells, Northwest Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- \+ Dry or Abandoned Well
- ✲ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

N

0 750 1500

SCALE IN FEET

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wells have always been located upgradient of confirmed sources in Area D. Figure 3-39 shows that in the Northwest Area samples from one additional well, MW-1041, no longer contain TCE.

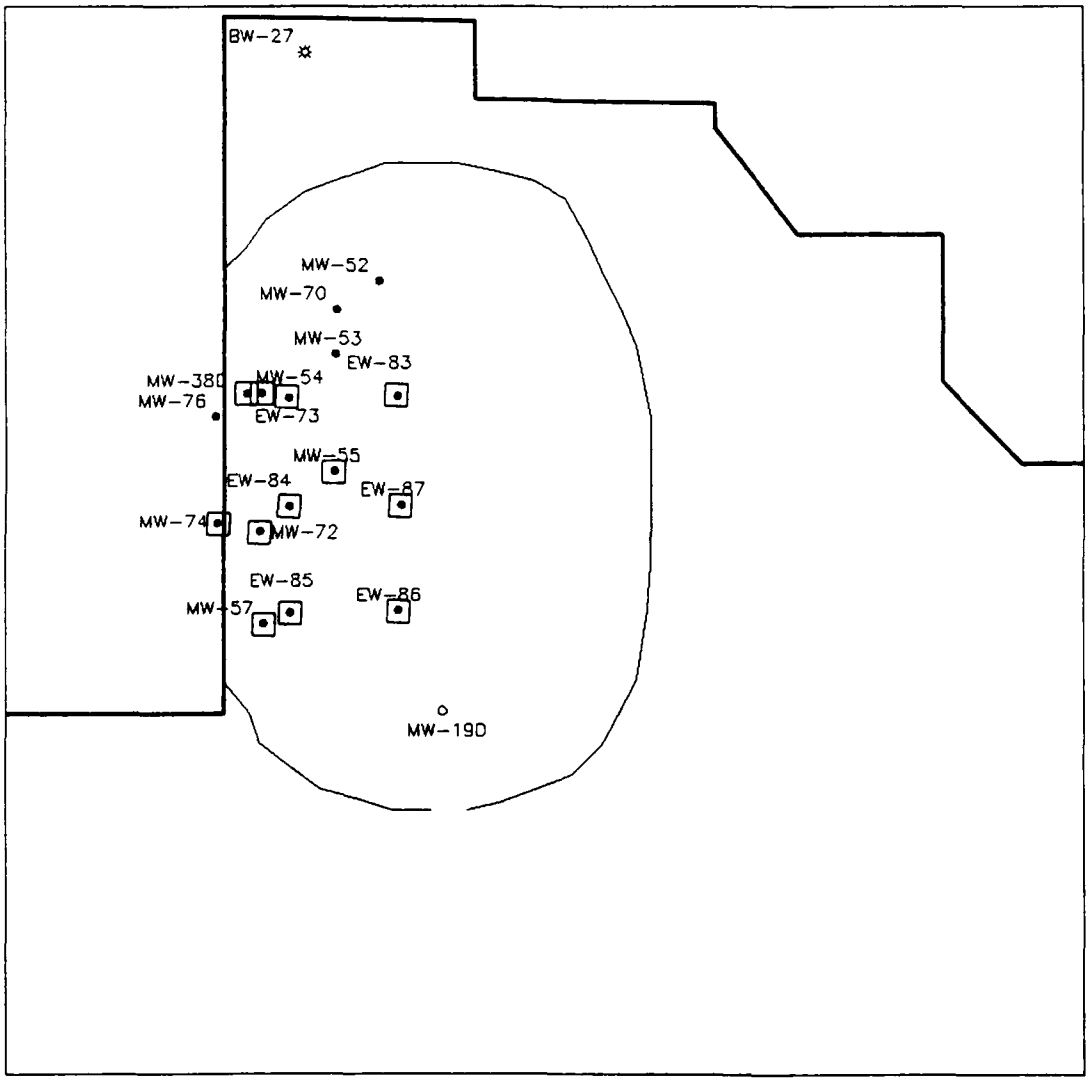
Within Area D and the Adjacent On-Base Areas all middle zone monitoring wells have also contained detectable concentrations of one of the 10 key analytes during their sampling history. Figure 3-40 compares the historical to current occurrence of TCE for these wells. MW-19D, located on the southeast edge of the Area D wellfield has never contained TCE but did once contain 0.25 ug/l of 1,1-DCE in April 1988. Within the Northwest Area approximately half of the middle zone monitoring wells have contained a detectable concentration of TCE or 1,1-DCE (MW-1003) during their sampling history (Figure 3-41).

Within Area D and the Adjacent On-Base Areas approximately two thirds of the deep monitoring zone wells have contained detectable concentrations of contaminants. Figure 3-42 compares the historical to current occurrence of TCE. Samples from MW-105 located approximately 1000 feet northeast of the Area D wellfield, have never contained TCE, but 0.31 ug/L of 1,1,1-TCA was once detected in October of 1987. Within the Northwest Area no samples from deep zone monitoring wells have contained contaminants (Figure 3-43). The highest levels of TCE in the deep monitoring zone were detected in MW-59, the most southerly (downgradient) of the deep zone monitoring wells. Since the operation of the extraction system, TCE concentrations in the deep zone monitoring wells have decreased to below state and federal drinking water standards.

3.5.4 Trend Analysis

Several shallow zone monitoring wells in the vicinity of Area D show significant decreasing trends for a number of analytes during the period that the extraction system has been operational. Within Area D, MW-91 shows a decreasing trend for 1,1-DCE (Figure 3-44). In the Northwest Area MW-1002, MW-1004 and MW-1005 show decreasing trends for a number of analytes (Figures

HISTORICAL OCCURRENCE OF TCE IN AREA D MIDDLE MONITORING WELLS



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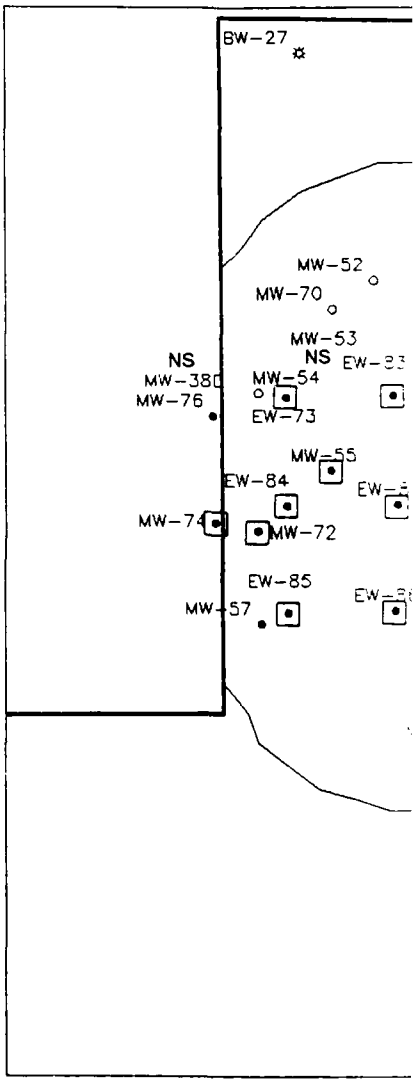

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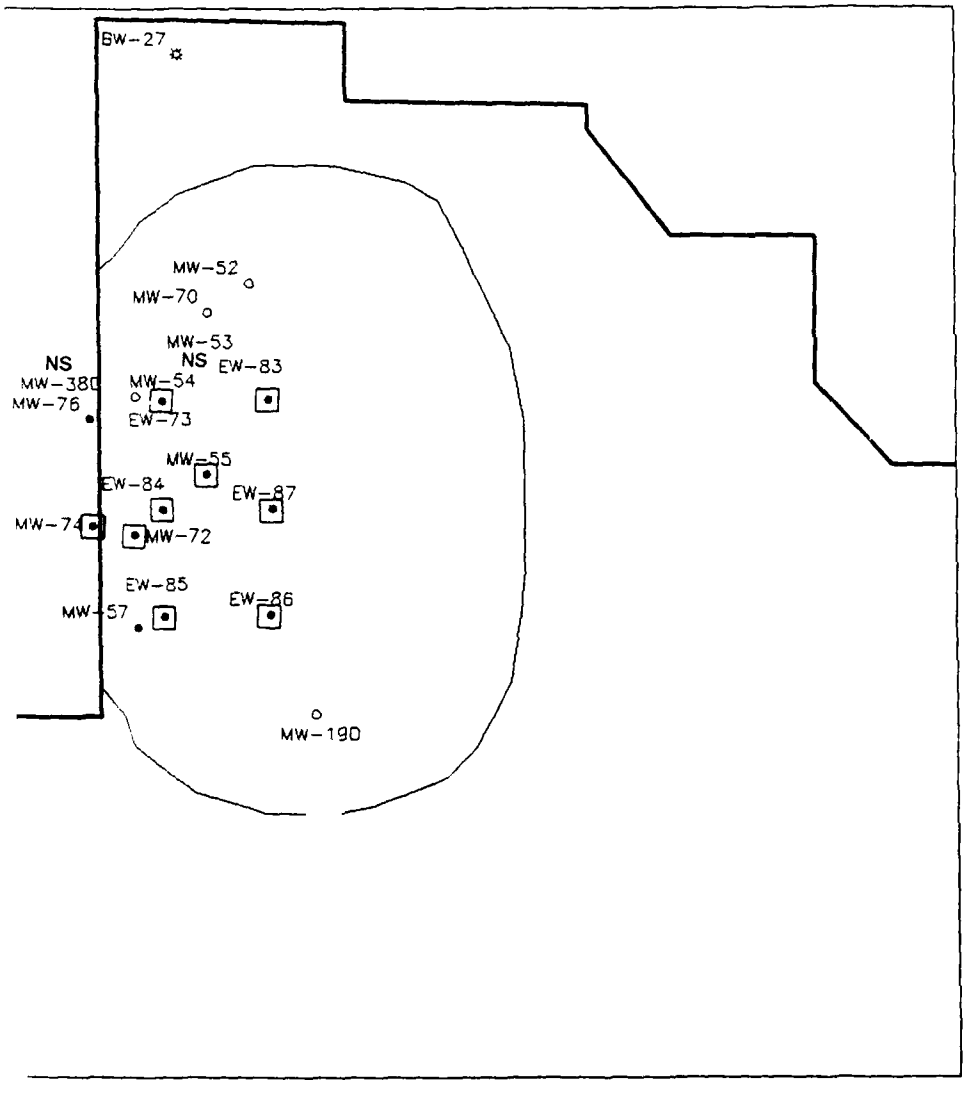

Figure 3-40.
Historical & Present Occurrence of TCE in Middle Zone Monitoring Wells, Area D & Adjacent On-Base Areas.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

○	TCE Not Detected
●	TCE Concentrations Below Standard
◉	TCE Concentrations Above Standard
EW	Extraction Well
+	Dry or Abandoned Well
✡	Other Wells
NS	Not Sampled

OTHER WELLS

BW	Base Water Supply Well
CW	City of Sacramento Water Supply Well
NW	Northridge Water District Water Supply Well
RW	Rio Linda Water District Water Supply Well
AW	Arcade Water District Water Supply Well
CT	CalTrans Irrigation Well

N

0 250 500
SCALE IN FEET

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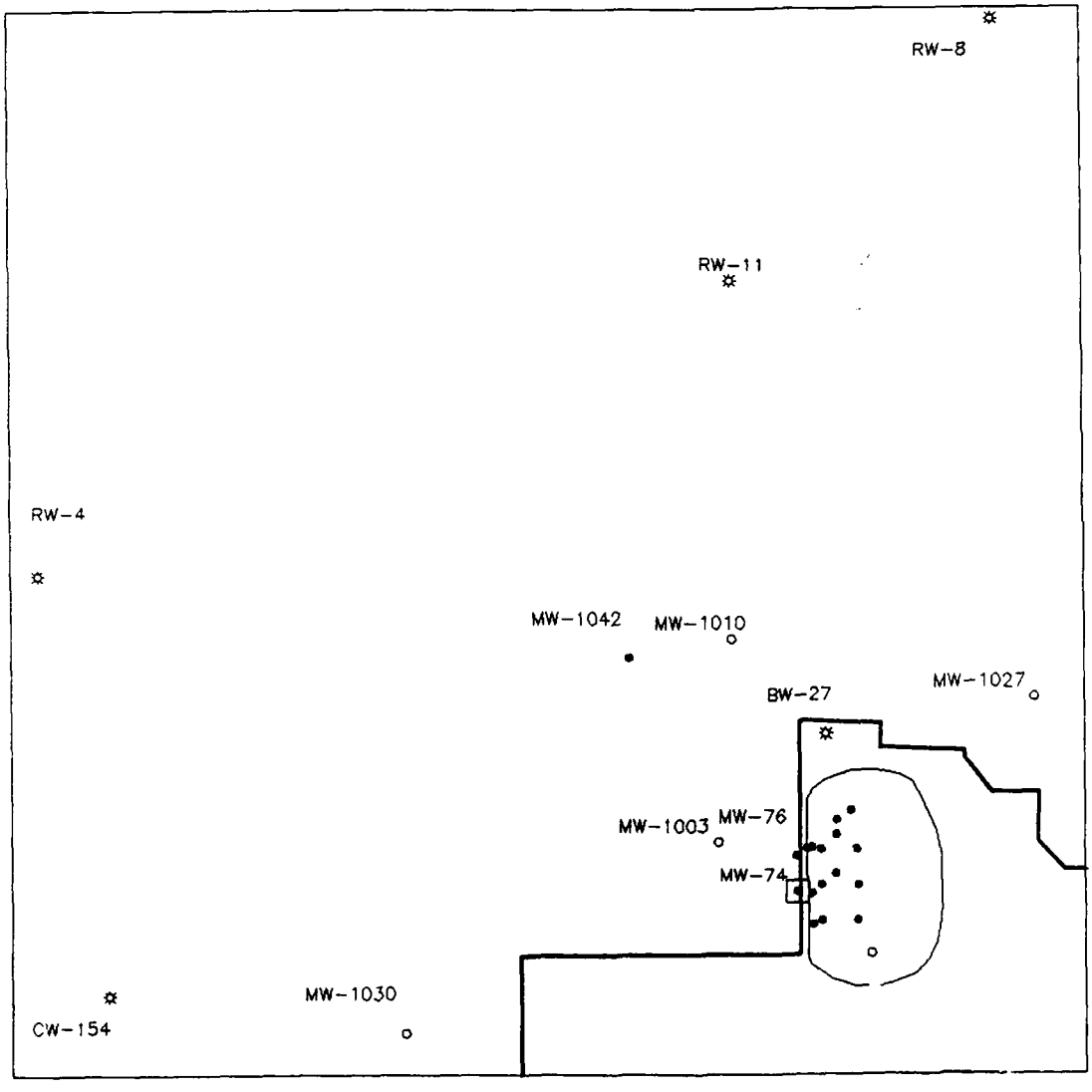
HISTORICAL OCCURRENCE OF TCE IN NORTHWEST AREA MIDDLE MONITORING WELLS



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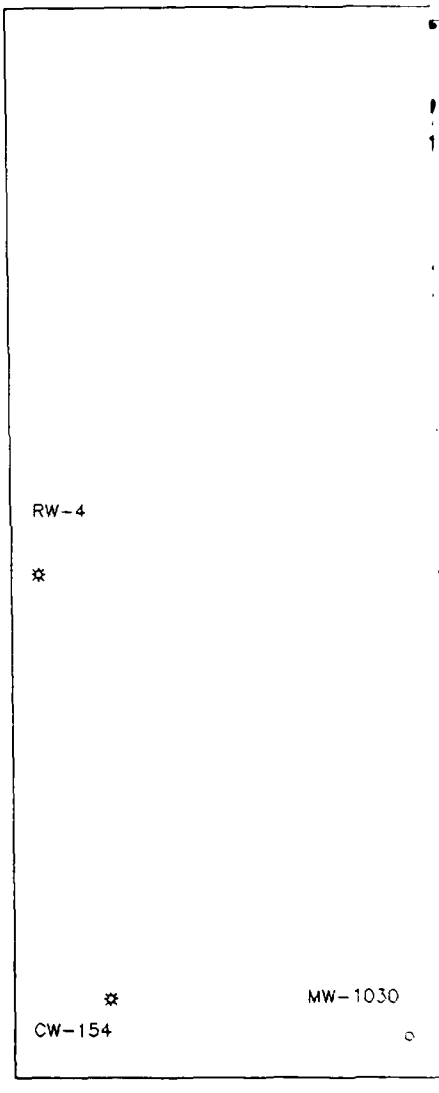
IN NORTHWEST



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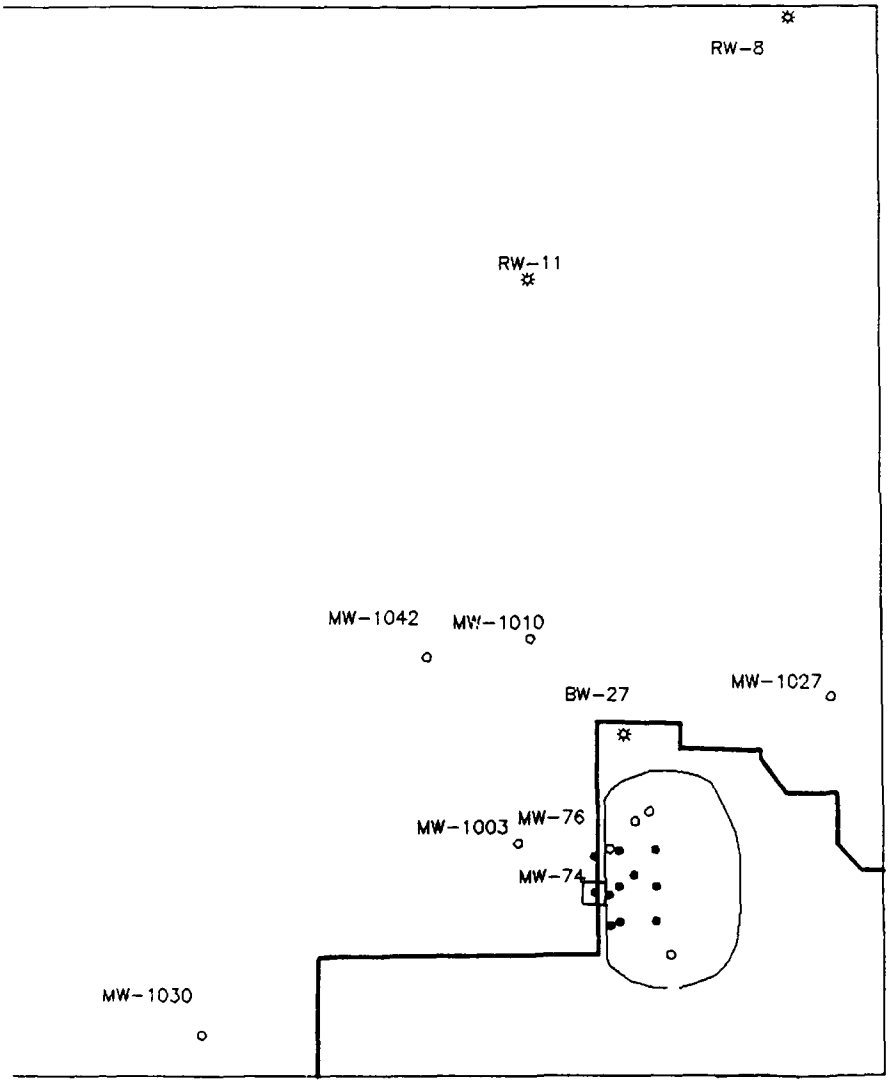

Figure 3-41.
Historical & Present Occurrence of TCE in Middle Zone Monitoring Wells, Northwest Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- \+ Dry or Abandoned Well
- ✲ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

N

0 750 1500
SCALE IN FEET

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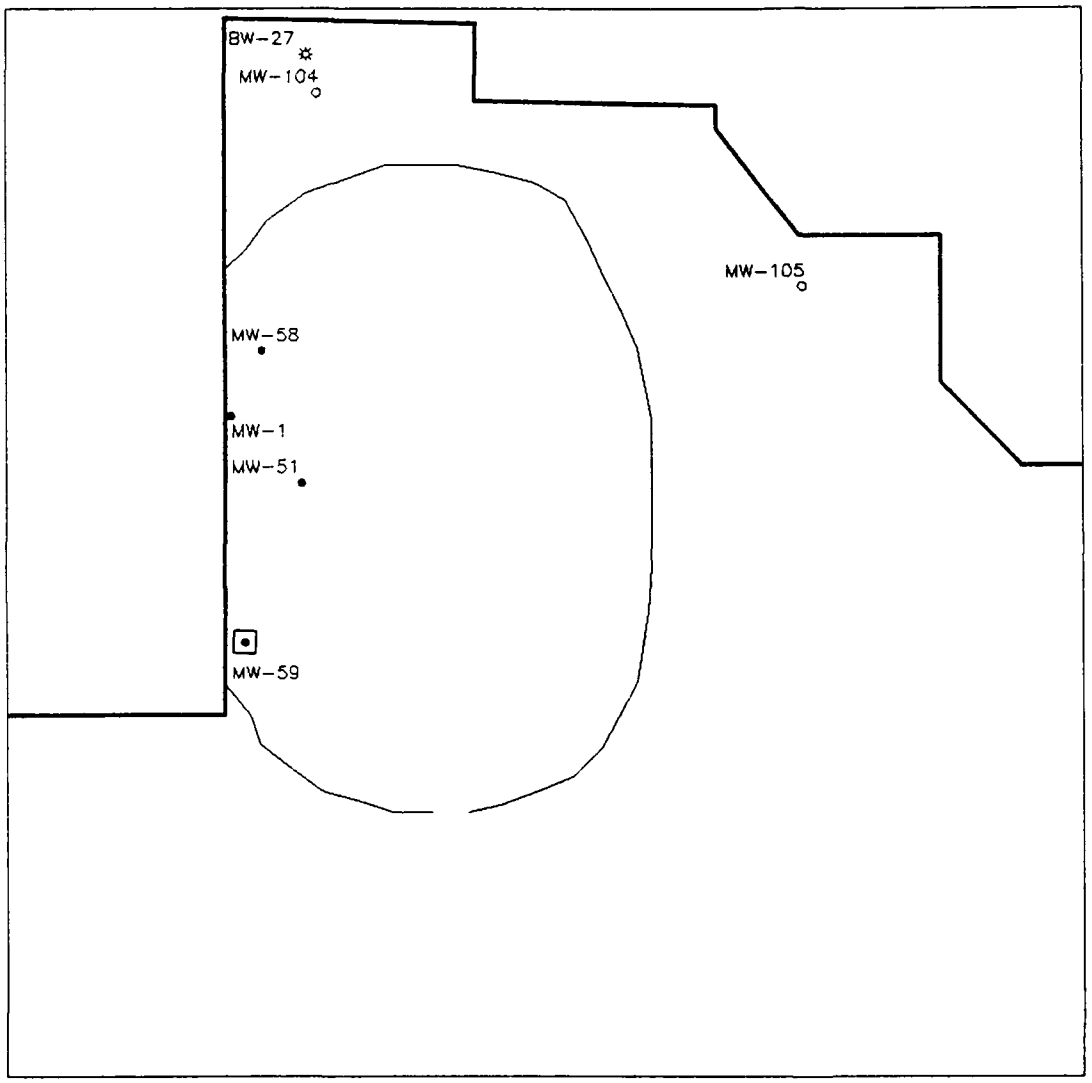
HISTORICAL OCCURRENCE OF TCE IN AREA D DEEP "A" MONITORING WELLS



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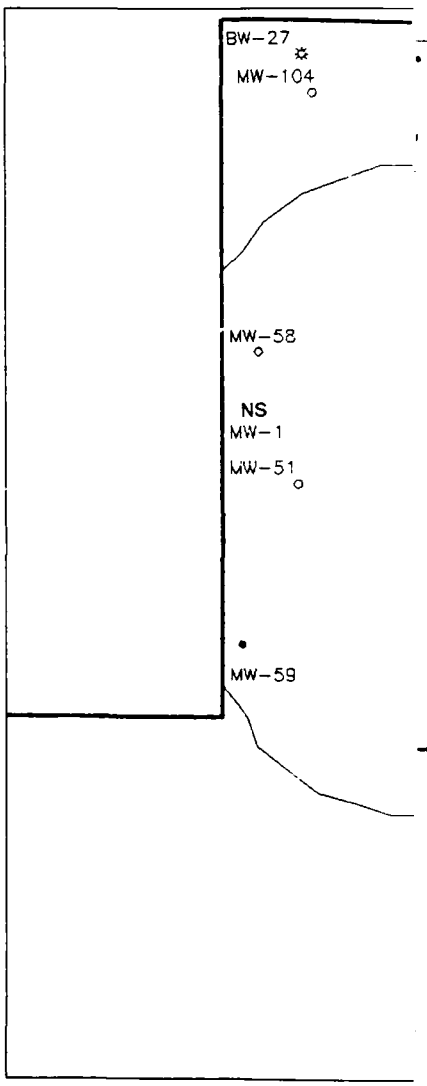

MOST RECENT OCCURRENCE OF TCE IN AREA D DEEP "A" MONITORING WELLS (OCTOBER 1988)

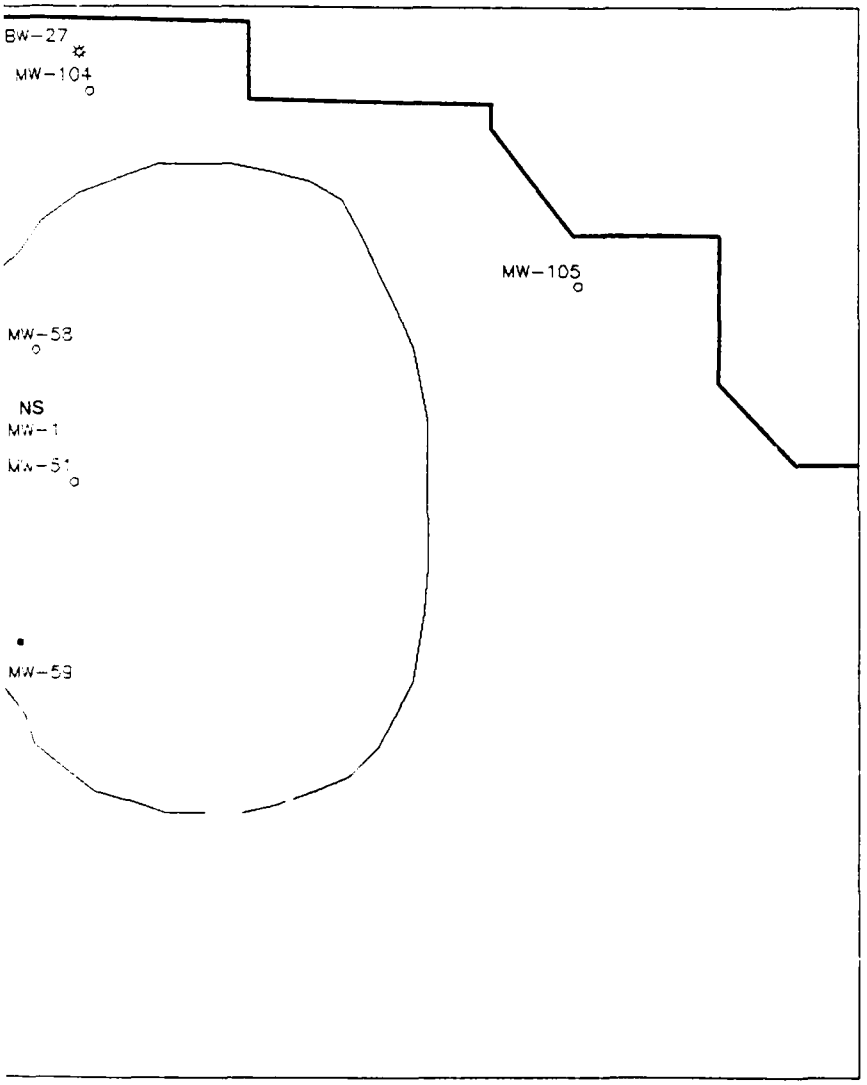

Figure 3-42.
Historical & Present Occurrence of TCE in Deep "A" Zone Monitoring Wells, Area D & Adjacent On-Base Areas.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

○	TCE Not Detected
●	TCE Concentrations Below Standard
◉	TCE Concentrations Above Standard
EW	Extraction Well
+	Dry or Abandoned Well
✡	Other Wells
NS	Not Sampled

OTHER WELLS

BW	Base Water Supply Well
CW	City of Sacramento Water Supply Well
NW	Northridge Water District Water Supply Well
RW	Rio Linda Water District Water Supply Well
AW	Arcade Water District Water Supply Well
CT	CalTrans Irrigation Well

N

0 250 500

SCALE IN FEET

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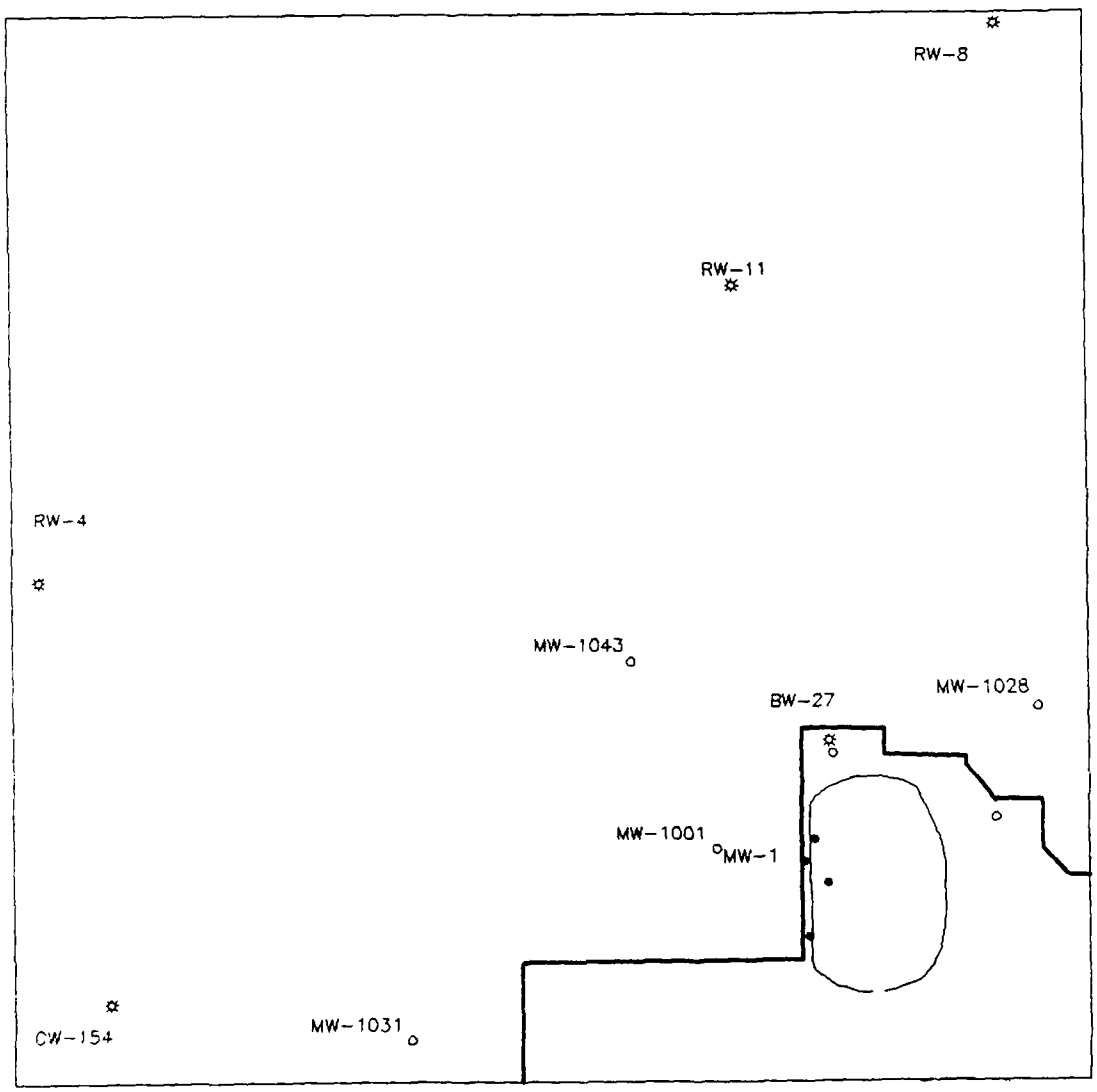
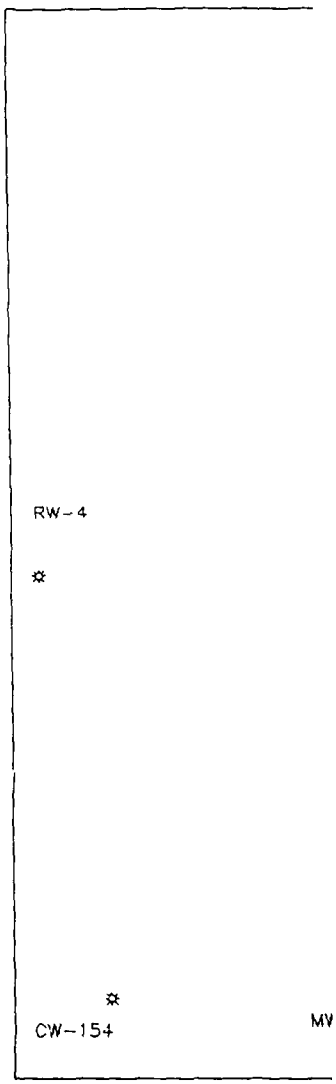
HISTORICAL OCCURRENCE OF TCE IN NORTHWEST AREA DEEP "A" MONITORING WELLS





MOST RECENT OCCURRENCE OF TCE
IN NORTHWEST AREA DEEP "A" MONITORING WELLS
(OCTOBER 1988)

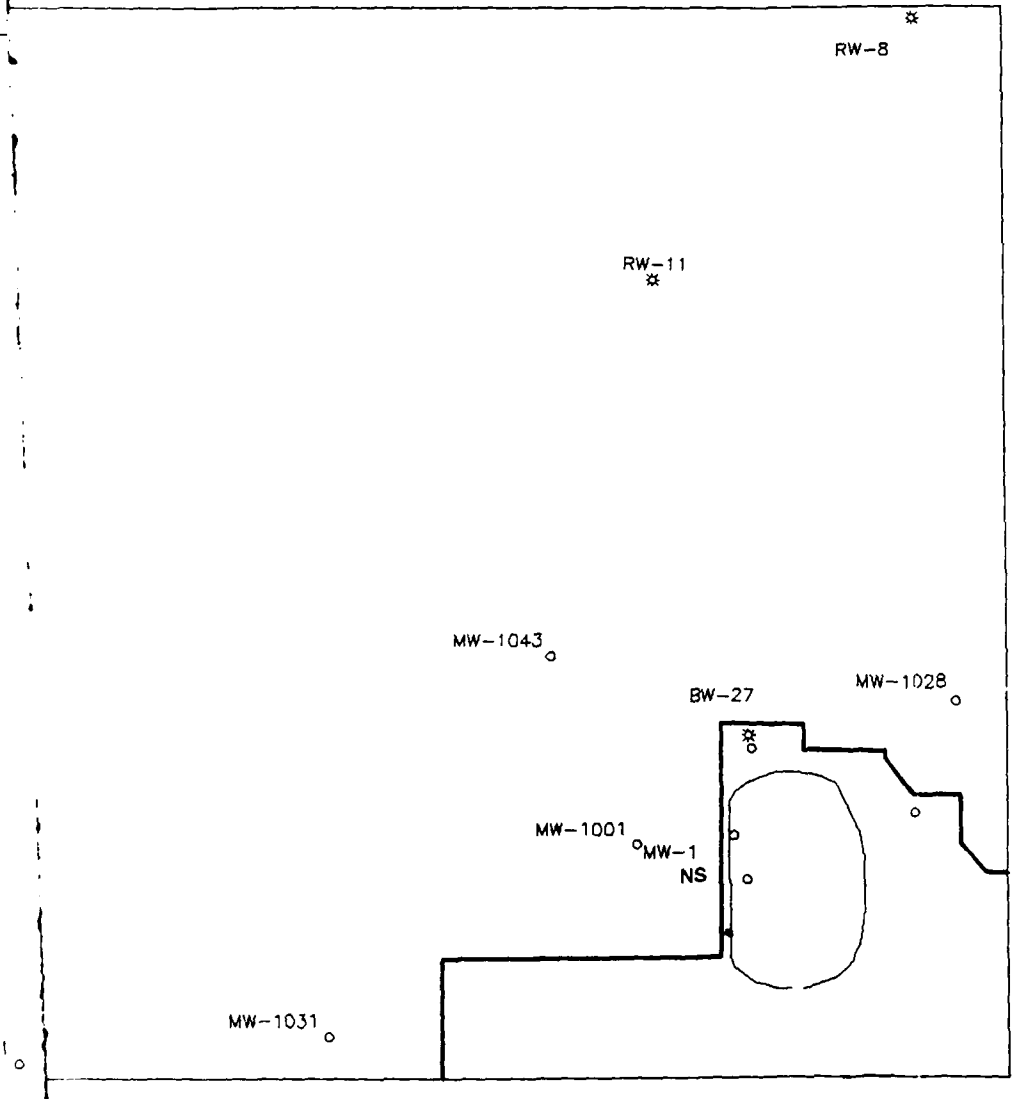


Figure 3-43.
Historical & Present Occurrence of TCE in Deep "A" Zone Monitoring Wells, Northwest Area.

LEGEND:

- McClellan AFB Boundary
- Boundaries of Past Disposal / Storage Sites

MONITORING WELLS

- ○ TCE Not Detected
- ● TCE Concentrations Below Standard
- ◉ TCE Concentrations Above Standard
- EW Extraction Well
- \+ Dry or Abandoned Well
- ✲ Other Wells
- NS Not Sampled

OTHER WELLS

- BW Base Water Supply Well
- CW City of Sacramento Water Supply Well
- NW Northridge Water District Water Supply Well
- RW Rio Linda Water District Water Supply Well
- AW Arcade Water District Water Supply Well
- CT CalTrans Irrigation Well

N

0 750 1500
SCALE IN FEET

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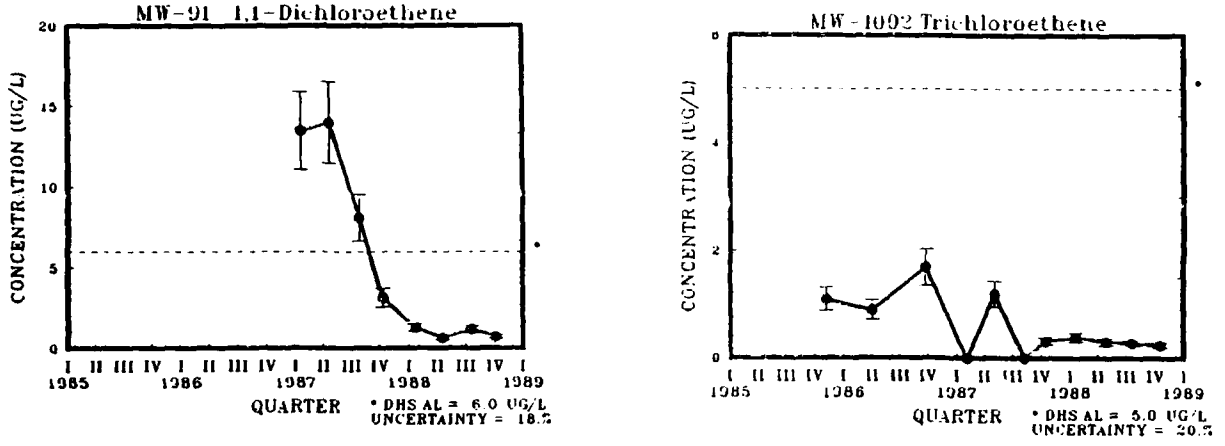
NORTHWEST AREA SHALLOW ZONE WELLS



Note: 95% Confidence intervals are shown for concentrations for each data point to indicate the uncertainty in concentration values (in percent) for that analyte.

Figure 3-44. Time Series Plots for MW-91 and MW-1002 (Area D and Northwest Area).

3-44, 3-45 and 3-46). Table 3-23 shows the analytes and the magnitude of the trends. The magnitude of the trend is only a median estimate of the decrease per sampling period and can be used as an indication of the steepness of the trend. It should not be interpreted as an expected or constant decrease since the decreases are not linear. As can be seen from the time series plots, for most of these wells the decrease was very rapid during the third and fourth sampling periods of 1987 and is progressively leveling off. Other indicators of the total amount of the decrease are the absolute decrease over the sampling history of the well and the percentage decrease. These quantities are also shown in Table 3-23.

There are several shallow zone monitoring wells that do not show significant trends. These wells are located close to identified sources and are not expected to show rapid decreases in contaminant concentrations. Samples from MW-10, MW-11, MW-12, MW-14 and MW-15 have been collected three times since April of 1988. None of the analytes detected in these wells show statistically significant trends at this time. However, a qualitative comparison between the 1985 concentration levels and the current reported concentrations shows a downward shift in concentrations for most analytes (Figure 3-47). For example, TCE concentrations are down by a factor of at least four for all of these wells except MW-10. Similar results hold for 1,1-DCE and 1,1,1,TCA. These wells should be re-evaluated when more data are available.

One increasing trend appears in the shallow zone monitoring well MW-89 (Figure 3-48). This well shows an increasing trend for 1,1-DCE at the rate of approximately 0.25 ug/L per sampling period. 1,1-DCE was first detected in January 1988 at a level of 0.75 ug/L and has increased to a level of 2.5 ug/L. Another slightly increasing trend in total 1,2-DCE was observed but not statistically verified for MW-1019, located in the Northwest area.

In the middle groundwater zone, analytical data for MW-54 and MW-55 show decreasing trends as shown in Table 3-22 and Figures 3-49 and 3-50. One well, MW-53, has an increasing trend for 1,1-DCE which was first detected in this well in July 1987. The median increase is estimated to be 1.39 ug/L.

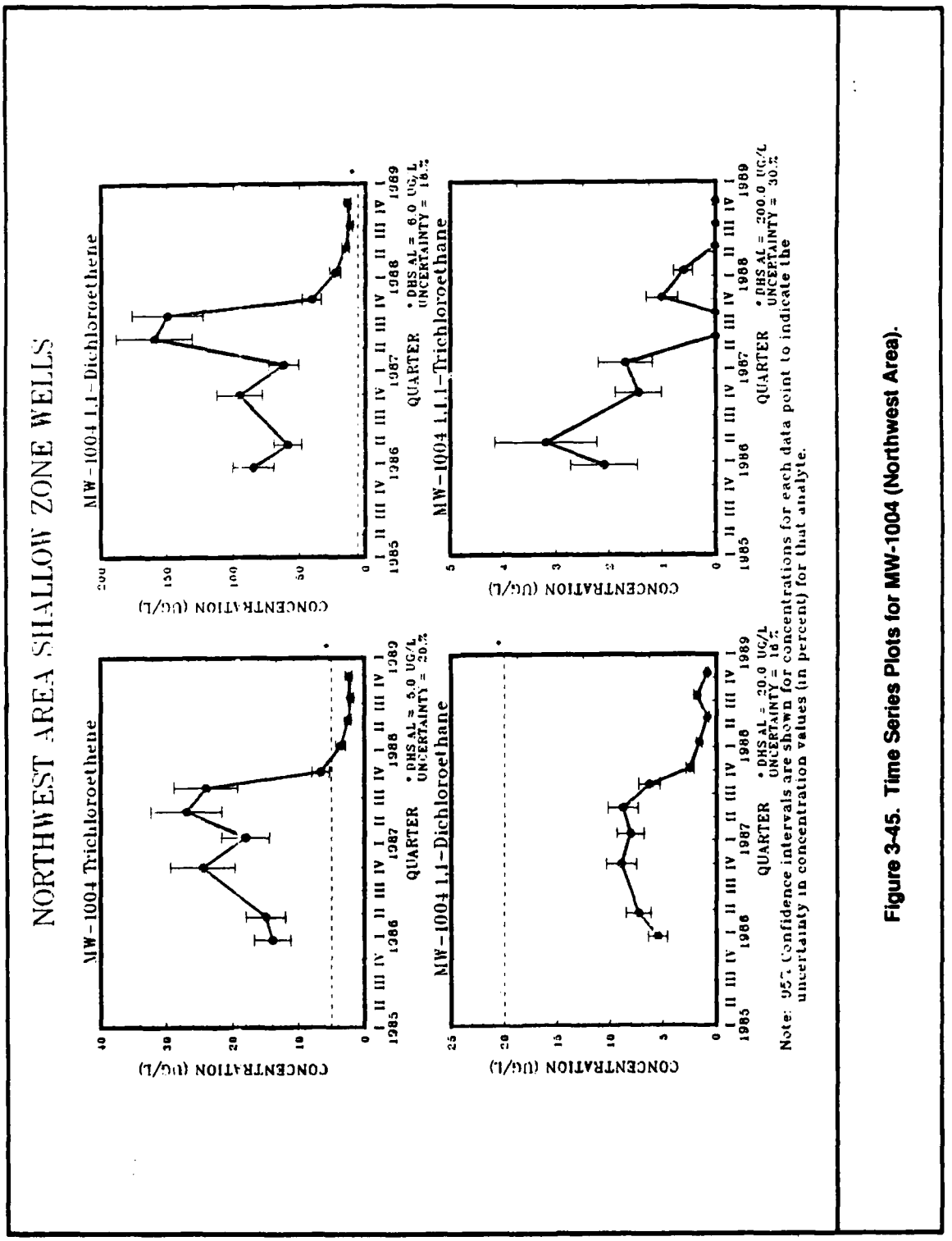
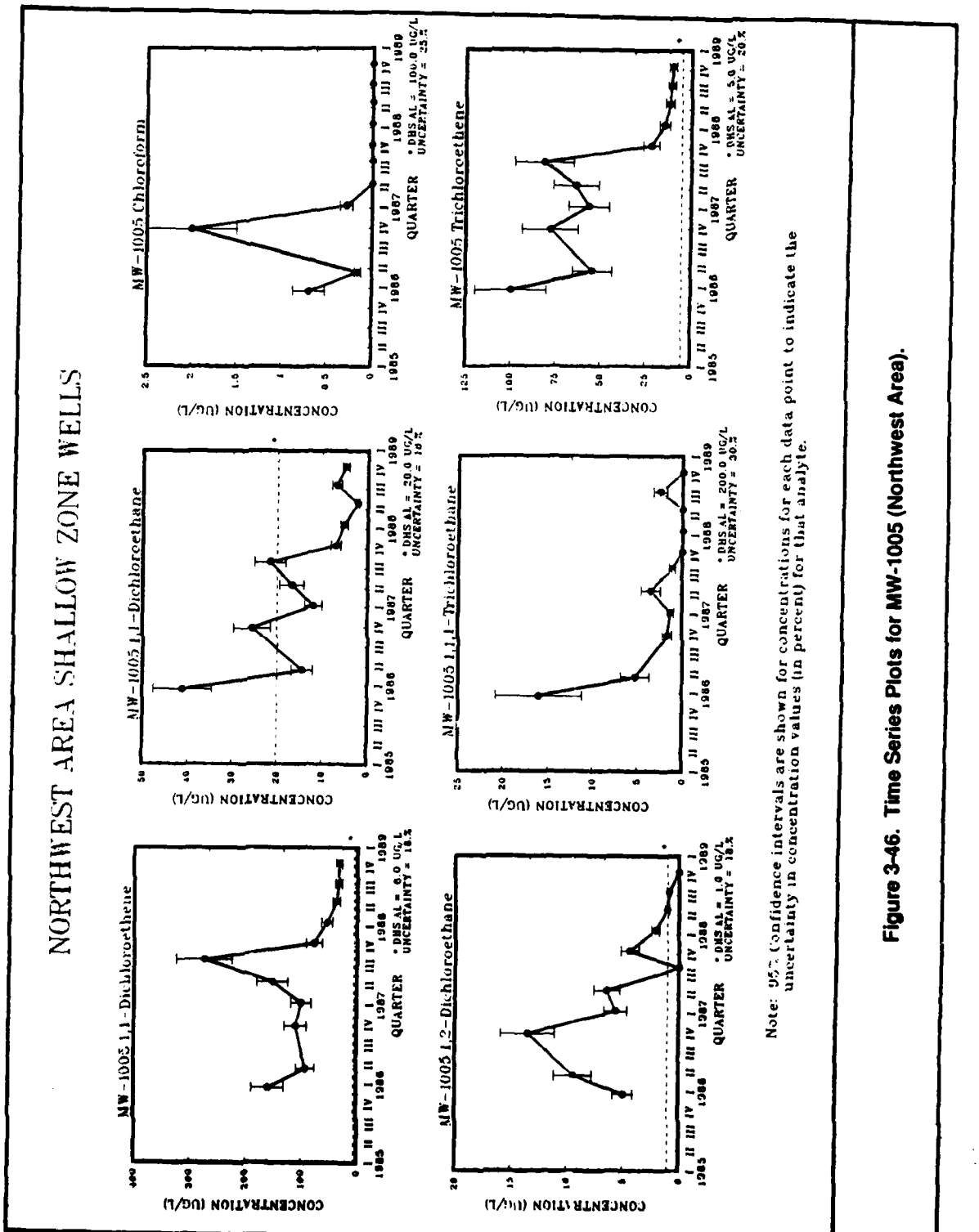


Figure 3-45. Time Series Plots for MW-1004 (Northwest Area).



Note: 95% Confidence intervals are shown for concentrations for each data point to indicate the uncertainty in concentration values (in percent) for that analyte.

Figure 3-46. Time Series Plots for MW-1005 (Northwest Area).

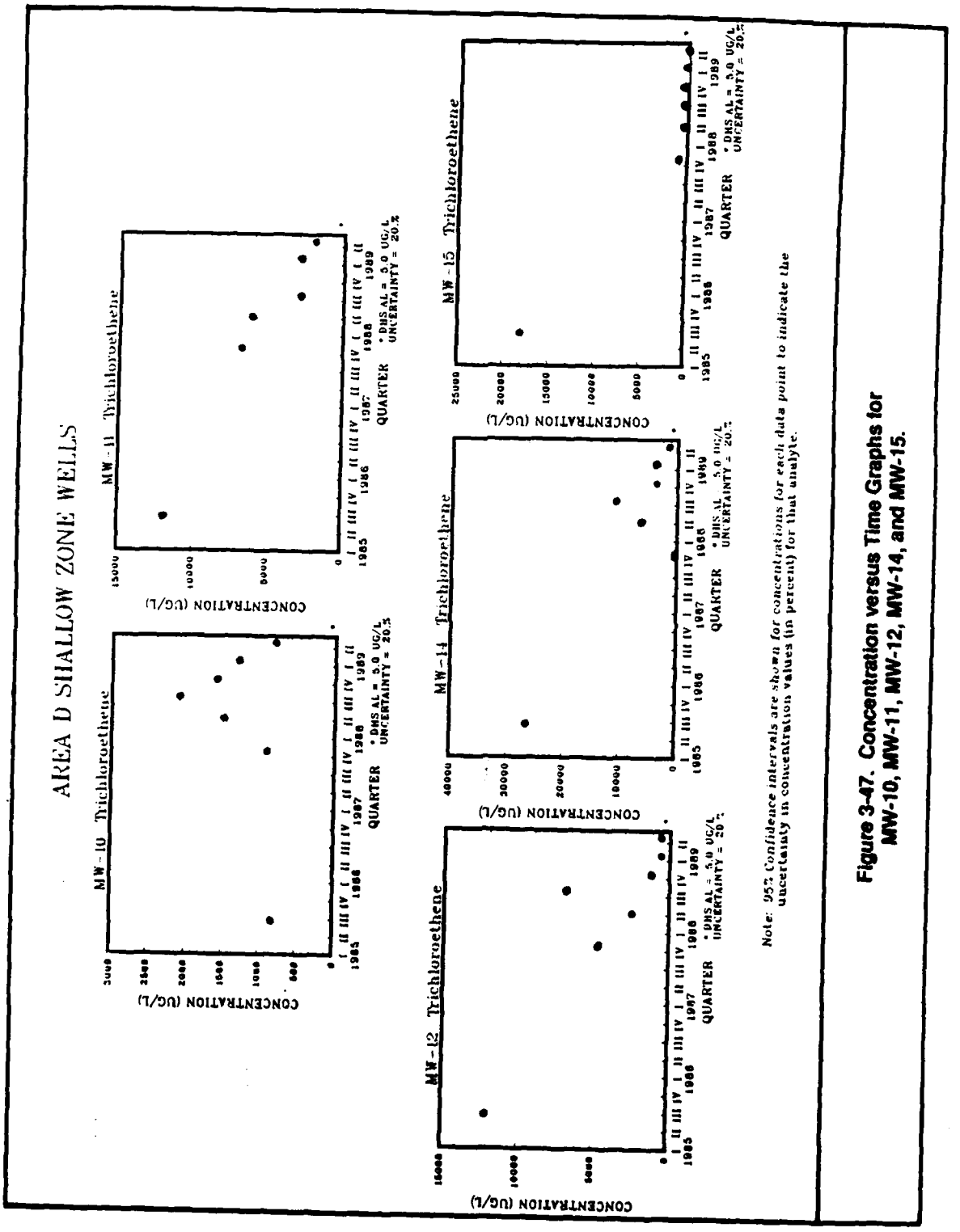
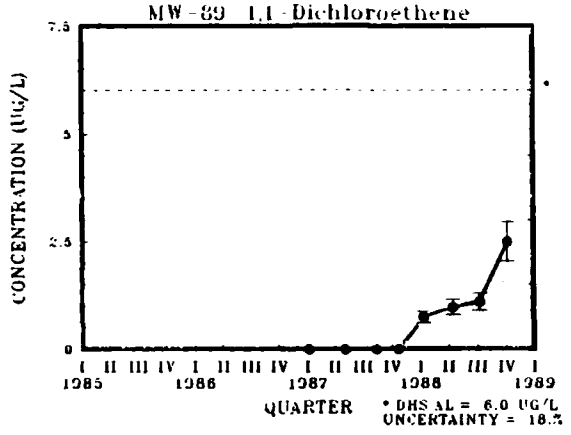


Figure 3-47. Concentration versus Time Graphs for MW-10, MW-11, MW-12, MW-14, and MW-15.

AREA D SHALLOW ZONE WELLS



Note: 95% Confidence intervals are shown for concentrations for each data point to indicate the uncertainty in concentration values (in percent) for that analyte.

Figure 3-48. Time Series Plots for MW-89 (Area D and Adjacent On-Base Areas).

TABLE 3-23. AREA D AND NORTHWEST AREA MONITORING WELLS WITH DECREASING TRENDS IN CONCENTRATIONS AT 90% CONFIDENCE LEVEL

Well Number	Number of Times Sampled	Analyte	Median Estimate of Decrease Per Time Period (ug/L)	90% Confidence Interval for Decrease (ug/L)	Absolute Change (ug/L)	Percent Change (%)
Shallow Monitoring Zone						
MW-91	8	1,1-Dichloroethene	-1.95	a	14 to 0.74	-95
MW-1002	11	Trichloroethene	-0.08	(0,-0.18)	1.1 to 0.25	-77
MW-1004	11	1,1-Dichloroethene	-8.00	(-5.00,-12.75)	120 to 14	-88
		1,1-Dichloroethane	-0.88	(-0.41,-1.09)	11 to 0.84	-92
		1,1,1-Trichloroethane	-0.24	(-0.11,-0.40)	2.1 to ND	b
		Trichloroethene	-1.60	(-0.40,-3.19)	14 to 2.4	-83
MW-1005	11	1,1-Dichloroethene	-11.08	(-6.67,-15.25)	160 to 32	-80
		1,1-Dichloroethane	-2.05	(-1.25,-3.88)	41 to 4.8	-88
		Chloroform	-0.03	(0,-0.08)	0.7 to ND	b
		1,2-Dichloroethane	-1.00	(-0.49,-1.23)	5 to ND	b
		1,1,1-Trichloroethane	-0.41	(-0.19,-1.15)	16 to ND	b
		Trichloroethene	-8.46	(-3.77,-11.00)	100 to 9.7	-90
Middle Monitoring Zone						
MW-54	9	Vinyl Chloride	-40.21	a	1200 to 0.74	-99.9
		1,1-Dichloroethene	-13.66	a	430 to ND	b
		1,1-Dichloroethane	-42.51	a	1400 to ND	b
MW-55	9	1,1-Dichloroethene	-21.88	a	210 to 60	-71
		1,1-Dichloroethane	-2.03	a	14 to 5.1	-64
		1,1,1-Trichloroethane	-5.06	a	15 to 2.6	-83
		Trichloroethene	-8.58	a	110 to 14	-87
		Tetrachloroethene	-4.08	a	13 to 1.5	-88
Deep Monitoring Zone						
MW-59	10	1,1-Dichloroethene	-7.24	(-1.50,-18.85)	270 to ND	b
		1,1,1-Trichloroethane	-0.37	(-0.12,-1.62)	19 to ND	b
		Trichloroethene	-4.85	(-1.50,-21.80)	290 to 0.23	-99

[a] *The confidence interval is not valid since well has been sampled less than 10 times.*

[b] Percent change cannot be calculated using ND

ND = Not detected.

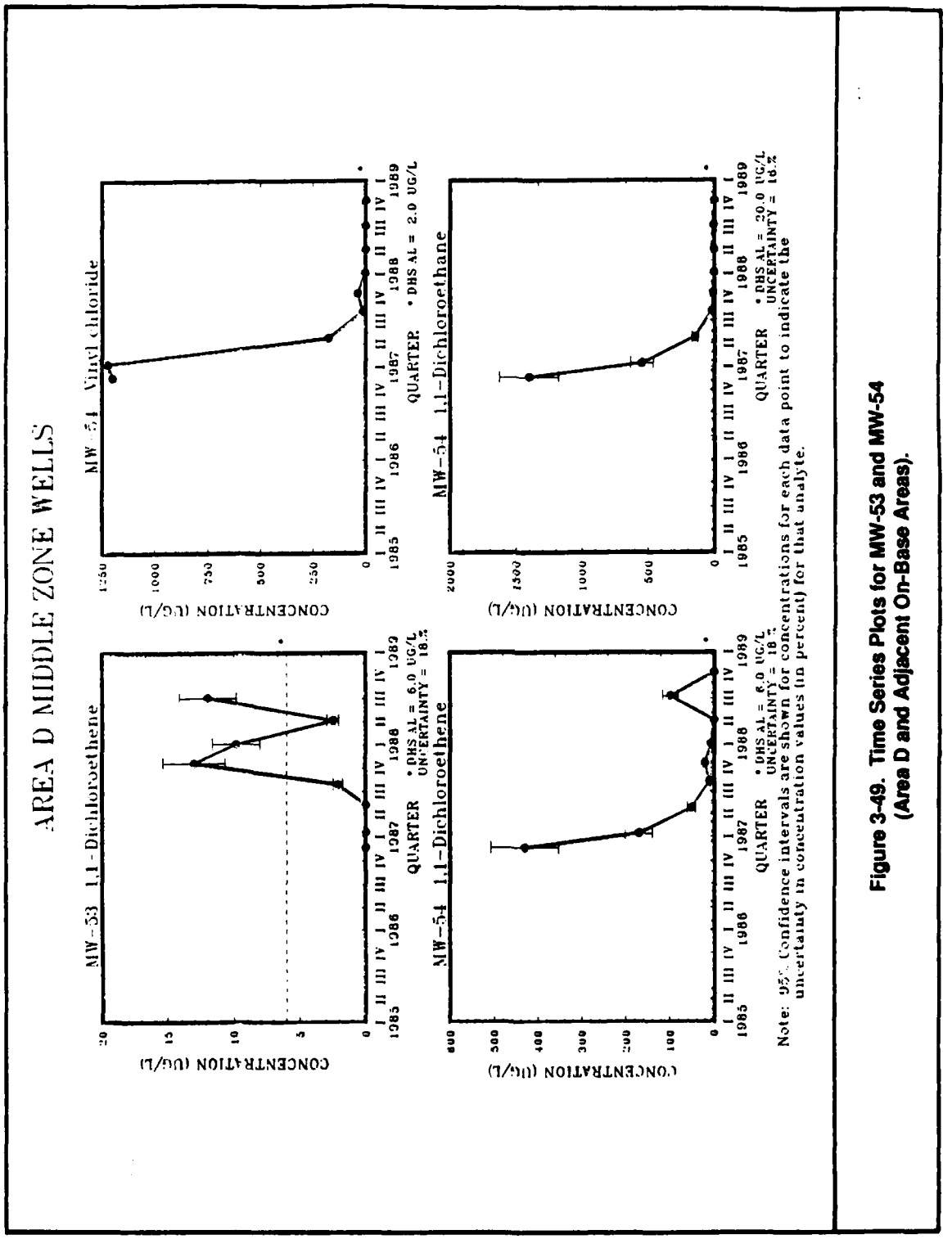


Figure 3-49. Time Series Plots for MW-53 and MW-54 (Area D and Adjacent On-Base Areas).

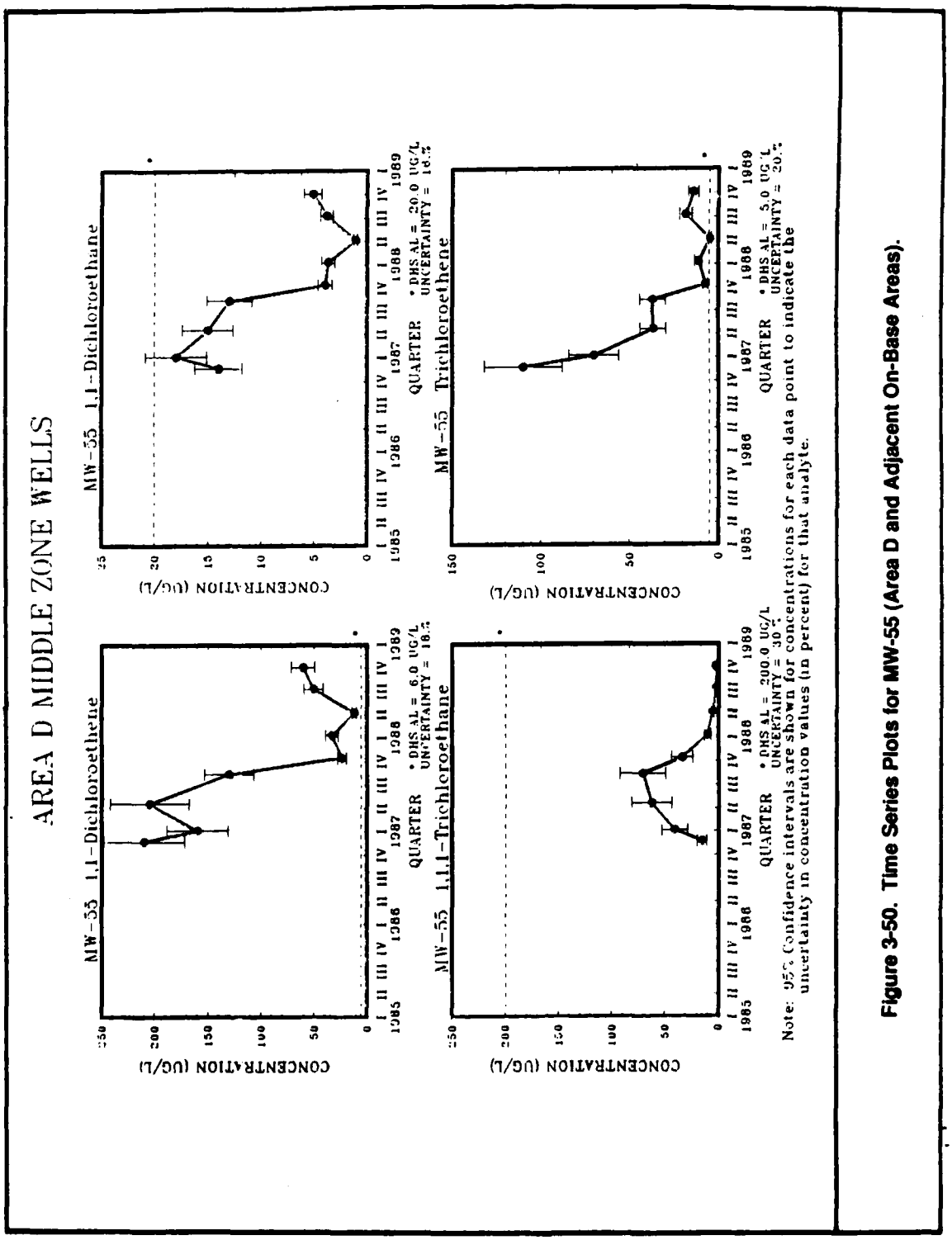


Figure 3-50. Time Series Plots for MW-55 (Area D and Adjacent On-Base Areas).

Successive samplings since that time have also shown the presence of 1,1,1-TCA, TCE and PCE. In the Northwest Area, MW-74 and MW-76 were sampled three times each in 1988. These three data points are not adequate to establish a trend at the 90 percent confidence level.

In the deep groundwater zone, MW-59 shows decreasing trends for TCE, 1,1-DCE and 1,1,1-TCA (Figure 3-51). MW-58 is the only other deep zone monitoring well that has contained detectable levels of the key analytes. There have been low levels of TCE, 1,1-DCE and 1,1,1-TCA detected sporadically in the past in MW-58, but no analytes were detected in the October 1988 samples.

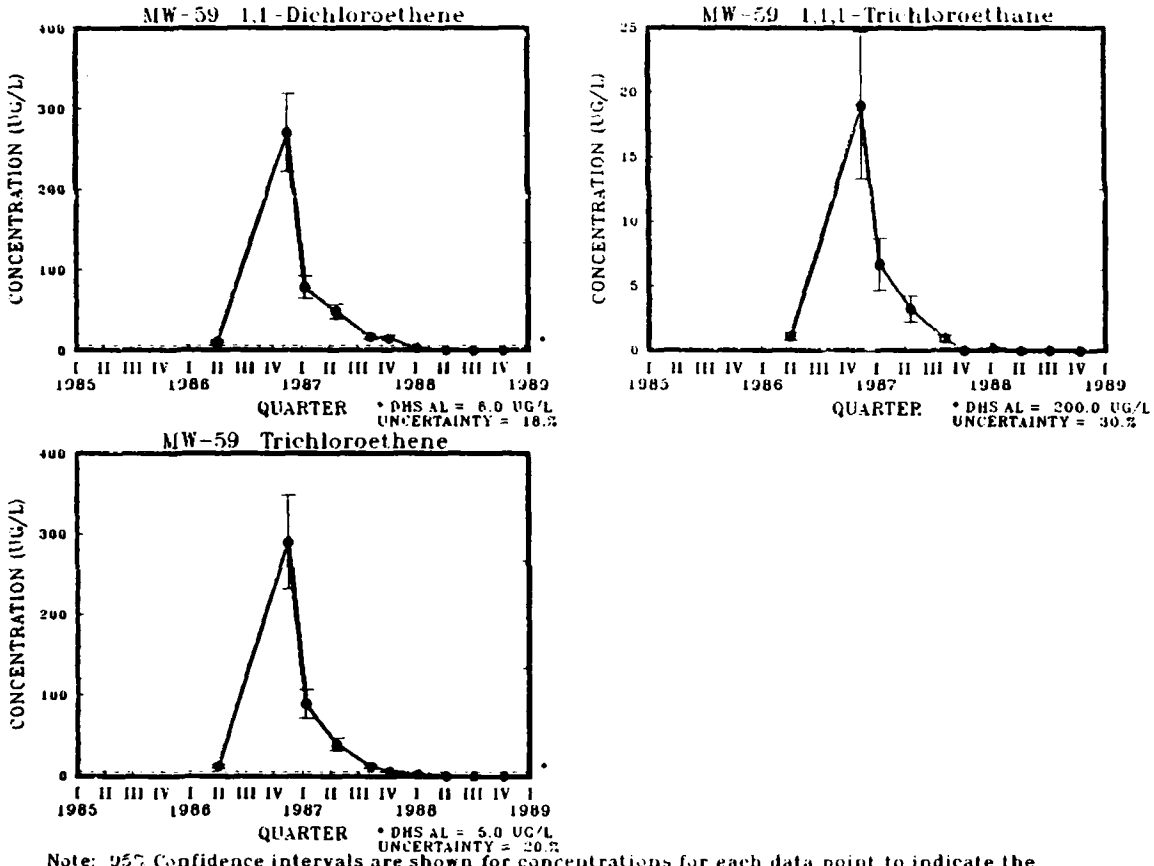
Decreasing contaminant concentration trends are detected in several Area D wells in the shallow, middle, and deep "A" zones. The only exceptions are MW-89 (shallow monitoring zone) and MW-53 (middle monitoring zone). In the Northwest Area, those wells close to the Area D boundary also show decreasing trends.

3.5.5 Discussion

In Area D and the Northwest Area, there is a large data base of hydrologic information and analytical results. Based on the potentiometric surface maps and analytical data the following observations and interpretations can be made:

- The Area D extraction system appears to be a significant factor in determining groundwater flow directions and contaminant movment;

- Contaminant concentrations in several off-base shallow zone monitoring wells located just west of Area D show decreasing trends, indicating that contaminants are no longer moving from on-base areas to off base areas;



Note: 95% Confidence intervals are shown for concentrations for each data point to indicate the uncertainty in concentration values (in percent) for that analyte.

Figure 3-51. Time Series Plots for MW-59 (Area D and Adjacent On-Base Areas).

- The limited analytical results from two deep zone monitoring wells within Area D indicate that TCE concentrations have decreased to low levels (<1.0 ug/L). This may indicate that the extraction system wells (screened in the shallow and middle monitoring zones) are also affecting downward migration of contaminants; and

- Contamination in Area D now generally appears to be limited to the shallow and middle monitoring zones, based on information from the existing monitoring wells.

As previously stated, prior to the operation of the Area D extraction system, groundwater flow and contaminant migration was seasonally to the west-northwest. Since 1987 local groundwater flow has been towards the six extraction wells. In order to estimate the rate of horizontal groundwater movement towards the extraction wells, a modified form of Darcy's Law can be used: $q = Ki/n$. These terms have been defined in Section 3.1.4.

Two aquifer tests have been performed in Area D, one by CH2M Hill in 1984 and one by McLaren Engineering in 1986. Data from the CH2M Hill test for the middle monitoring zone were used to calculate a range of horizontal groundwater velocities within the sphere of influence of the Area D extraction system. Using the transmissivity determined by by CH2M Hill and an average test zone thickness of 16 feet, a hydraulic conductivity value of 315 gpd/ft^2 was obtained. Horizontal hydraulic gradients for the shallow and middle monitoring zones in Area D range from 0.0022 to 0.013 (Table 3-24). Effective porosity values have not been determined but can be estimated to range from 15 to 25 percent for the types of aquifer materials present beneath Area D (Freeze and Cherry, 1979). Based on these parameters, the estimated groundwater flow rate towards the Area D extraction system ranges from 0.62 to 3.6 feet/day. The higher velocity of 3.6 feet/day was calculated using a gradient between a well pair near EW-73 (MW-54 & MW-76). EW-73 is pumped at a rate approximately double that of the other five extraction wells, and the gradient probably reflects that higher pumping rate.

TABLE 3-24. MONITORING WELLS LOCATED IN OTHER ON-BASE AREAS

Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells[a]	Abandoned (Grouted)	Total Number of Wells
Shallow	MW-31S MW-101 MW-102 MW-106 MW-116	MW-16S MW-18S[a] MW-43S MW-49S	MW-17S MW-29S	MW-24S MW-30S MW-42S[a] MW-47S MW-48S MW-50	17
Middle	MW-17D[a] MW-18D MW-24D MW-29D MW-100 MW-103	MW-16D[a]	None		7
Deep	None	MW-3 MW-4	None		2
Total Number of Wells	11	7	2	6	26

[a] Samples collected from this well have contained TCE.

Apparent Migration

Based on previous discussions of contaminant distribution and trend analysis, several observations on apparent contaminant migration can be presented for Area D, Adjacent On-Base Areas, and the Northwest Area. Historically, contaminants appear to have migrated south-southwest and west-northwest away from Area D with the groundwater flow. This is apparent because samples from upgradient monitoring wells due north, northeast, and east of the Area D wellfield and historical disposal sites have never contained TCE. East and southeast of the wellfield, 1,1-DCE has been detected in MW-19D, MW-88, MW-89, and MW-90. The possibility exists that there is an undiscovered site to the east of these wells which released contaminants other than TCE or that TCE degradation has occurred. 1,1-DCE occurs as a daughter product of TCE degradation. The presence of vinyl chloride in several Area D wells supports the idea that TCE degradation is occurring in this area. Vinyl chloride, also a daughter product of TCE degradation, has been detected in several Area D wells and was reportedly not used in base activities.

Finally, the presence of TCE in shallow zones wells, MW-1029 and MW-1019, suggest that horizontal flow was the dominant flow component away from Area D before the extraction system began operating. MW-1029 is part of a three well cluster, MW-1029/1030/1031, and is located approximately 3,750 feet west of Area D. Contaminants have never been detected in samples from the middle and deep zone wells in this cluster. MW-1019, is located 6,250 feet west of Area D. In addition to low levels of TCE, this well has even shown a slight increasing trend at low levels (less than 1 ug/L) for Total 1,2-DCE.

Evaluation of the Area D Extraction System

The Area D extraction system was completed by McLaren Engineering in 1986. The system was initially tested in December 1986 and became fully operational in March 1987. The system consists of six wells screened from 40

to 160 feet below ground surface which pump continuously at a cumulative rate of approximately 80 gpm. The extracted water is pumped via an above ground pipeline to the Groundwater Treatment Plant (GTP) where the water is treated to remove volatile organic contaminants. A synthetic liner and clay cap have been installed over the area of identified soil contamination to prevent further leaching of contaminants towards the water table.

The purpose of the extraction system is to isolate and contain groundwater contaminants within Area D (McLaren Environmental Engineering, 1987). To accomplish this goal, McLaren recommended that the effectiveness of the extraction system be based on the evaluation of gradient controls between specific pairs of wells. The specified gradients were based on head differences of 0.2 feet between the well pairs. McLaren also recommended pumping at the minimum flow rate of 78 gpm, which would result in a 3-foot drawdown in the monitoring wells after one year of pumping. McLaren specified the 78 gpm flow rate to minimize the decline of groundwater levels, and to prolong the usefulness of the extraction system.

The potentiometric surface maps now clearly show that the extraction system is working properly to isolate and contain contaminants within Area D (Plates 2, 3, and 4). The well developed cones of depression in the shallow and middle zones show that groundwater flow is toward the extraction system and is causing contaminated groundwater to be drawn from the off-base area toward the extraction system. Based on the most recent potentiometric map, there is no evidence of a cone of depression in the deep monitoring zone, and the maps show that flow is toward the southeast from off-base to on-base.

Water quality data presented for Area D in discussions on contaminant distribution and trend analyses also support the conclusion that the extraction system is working effectively. Decreasing trends in contaminants have been statistically confirmed in seven wells within Area D and to the west just off base. In the shallow zone, there are four wells with decreasing trends, in the middle zone there are two, and in the deep zone there is one well with a decreasing trend.

3.6 Other On-Base Areas

Other On-Base Areas encompass all other areas that are not included in Areas A, B, C, and D. The four designated areas are located along the western and southern boundaries of the base while Other On-Base Areas mainly include areas in the northern and eastern portions of the base. Within Other On-Base Areas there are locations that may be sources of groundwater contamination. Two confirmed sites, 3 PSPRLs and 13 UPRLs have been identified in Other On-Base Areas. These consist of open ditches, landfills, aircraft maintenance hangers and underground storage tanks.

There are 26 monitoring wells located in Other On-Base Areas. These include 11 network monitoring wells, 7 non-network monitoring wells, and 8 wells that are now dry. All of the monitoring wells that are part of the Sampling and Analysis program are screened in the shallow and middle monitoring zones (Table 3-24). The two non-network monitoring wells in the deep zone have been scheduled to be abandoned (destroyed).

Contaminants have been detected in three wells in Other On-Base Areas but only at low levels of less than 1.5 ug/L and at irregularly spaced sampling intervals (Table 3-25). Two of the wells are screened in the shallow monitoring zone (MW-18S and MW-42S) and one well is screened in the middle monitoring zone (MW-17D). These three wells are located in widely separated areas of the base. MW-18S is located approximately 3500 feet east of Area D, MW-42S is located at the southern tip of the base, and MW-17D is located at the northern tip of the base.

3.7 Northeast Area

The Northeast Area is located east of the northern portion of the base. This area is considered to be upgradient of the base, with groundwater flow generally to the south-southeast. There are only two monitoring wells located in the Northeast Area (Table 3-26). One is screened in the shallow monitoring zone (MW-1012) and the other is screened in the deep monitoring

TABLE 3-25. RANGES OF DETECTABLE CONCENTRATIONS FOR KEY ANALYTES[a] IN MONITORING WELLS LOCATED IN OTHER ON-BASE AREAS FROM 1985 TO 1988, McCLELLAN AFB

Groundwater Monitoring Zone	Analyte	Minimum Concentration Detected	Maximum Concentration Detected
		All units are ug/L	
Shallow	1,1-Dichloroethane	0.2	1.1
	Chloroform	0.1	0.12
	Trichloroethene	0.7	1.1
	Tetrachloroethene	0.12	0.47
Middle	1,1-Dichloroethene	0.32	0.32
	1,1-Dichloroethane	0.13	0.13
	Total 1,2-Dichloroethene	0.22	0.22
	Chloroform	0.10	0.4
	1,2-Dichloroethane	0.33	0.33
	Trichloroethene	0.39	0.39
Deep	No Wells Have Been Sampled in This Zone		

[a] The 10 key analytes and associated action levels are given in the table below.

Key Analyte	DHS Action Level	EPA Primary MCL
Vinyl Chloride	2	1
1,1-Dichloroethene	6	7
1,1-Dichloroethane	20	NE
Total 1,2-Dichloroethene	16	NE
Chloroform	100	100
1,2-Dichloroethane	1	5
1,1,1-Trichloroethane	200	200
Carbon Tetrachloride	5	5
Trichloroethene	5	5
Tetrachloroethene	4	NE

NE = Not established.
Units are ug/L.

TABLE 3-26. MONITORING WELLS LOCATED IN THE NORTHEAST AREA GROUNDWATER SAMPLING AND ANALYSIS PROGRAM, ANNUAL TECHNICAL REPORT (JAN - DEC 1988)

Groundwater Monitoring Zone	Network Wells	Non-Network Wells	Dry Wells	Total Number of Wells
Shallow	MW-1012	None	None	1
Middle	None	None	None	0
Deep	MW-1040	None	None	1
Total Number of Wells	2	0	0	2

zone (MW-1040). Both wells are included in the groundwater monitoring network. Levels less than 0.28 ug/L levels of 1,1,1-TCA have been detected twice in MW-1012, but no other contaminants have been detected in this well. Groundwater contaminants have not been detected in MW-1040 since the well was initially sampled in 1985. Because of the on-base groundwater flow direction, the two monitoring wells in the Northeast Area are helpful in determining upgradient water quality and identifying any on-base migration of contaminants.

4.0 RECOMMENDATIONS

Based on the analysis of the hydrogeologic and analytical data, limitations of the existing data and monitoring well network were identified. These limitations and recommendations to overcome the deficiencies of the analytical and hydrogeologic data are summarized below. The data needs identified in this report have been discussed in previous reports (Data Summary, Quarterly Reports and the Preliminary Groundwater Operable Unit Remedial Investiation [PGOURI]). Implementation of the PGOURI (Radian, March 1989) will address most of the data needs identified in this report.

In Area A and the Southeast Area, there are a lack of monitoring wells from which to measure water levels and collect groundwater samples. There are several active water supply wells located within or near these areas. The active wells include base well (BW)-20 and BW-10, located north of Area A, off-base supply wells in the Southeast Area (NW-14 and several CALTRANS irrigation wells), and BW-18 and Sacramento City Wells CW-150, CW-132 and CW-131 located southwest of Area A. The effects of pumping these water supply wells cannot be determined from the existing monitoring wells. In addition, historical analytical data from shallow zone monitoring wells and present data from the few existing monitoring wells indicate that there is groundwater contamination beneath Area A. However, the lateral and vertical extent of the contamination cannot be determined from sampling the existing monitoring wells. Based on these findings, installation of additional wells has been recommended. These wells should be located along the base boundary and between active water supply wells and potential sources of contaminants. A total of 22 monitoring wells at 8 well cluster location are planned in these areas as part of the Hydrogeologic Assessment Work Plan.

In Area B and the Southwest Area, there is also a need for additional wells to further define the effects of pumping of active water supply wells and the extent of contamination. The effects of BW-18 and other active Sacramento City Wells are apparent on the potentiometric maps generated from

the existing monitoring well network data. However, information on pumping schedules and additional water level measurement points are needed to assess the individual effects of pumping these wells. In addition, wells are needed to define the lateral and vertical extent of contamination in the Southwest Area as well as south and east of Area B. Additional wells will be installed between BW-18 and the Sacramento City Water supply wells during the Spring of 1989 as part of the PGOURI.

In Area C, additional wells are needed to measure water levels in order to evaluate the Area C extraction system. The location and screen depths of existing monitoring wells in the vicinity of the four extraction wells are not adequate to assess the hydraulic gradients resulting from pumping these wells. Additional wells are needed to the west and south of Area C to determine the lateral and vertical extent of groundwater contamination and to monitor long term water quality changes. Based on these findings installation of additional wells is recommended to measure water levels and monitor water quality. There are 10 monitoring wells at 5 well cluster locations included for Area C in the Hydrogeologic Work Plan.

In Area D there are an adequate number of wells to define the effect of the extraction system on hydraulic gradients and long term water quality charges. However, additional wells are needed south of Area D to define the southern limits of the extraction system and to monitor water quality that is regionally downgradient from Area D. There is one well cluster made up of three monitoring wells planned for the northern end of Area C which will help in this evaluation, but at least one additional cluster is still needed between MW-91 and the north end of Area C.

Along the eastern side of the base, there are few monitoring wells to measure water levels and monitor water quality. There are active water supply wells located both on- and off-base that are influencing local groundwater flow. The effects of pumping BW-29 and BW-10 cannot be determined from

the existing number of monitoring wells in the eastern portion of the base. Additional wells are needed to define local groundwater flow and to monitor water quality. As part of the PGOURI, seven wells at three locations are planned.

The planned monitoring wells included in the PGOURI will help to define local groundwater flow patterns and to assess the horizontal and vertical extent of groundwater contamination in areas where the extent of contamination is not well defined.

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APPENDIX A

TABLE A-1. McCLELLAN AFB, GROUNDWATER MONITORING NETWORK

Area A and Adjacent On-Base Areas	Area B and Adjacent On-Base Areas	Area C and Adjacent On-Base Areas	Area D and Adjacent On-Base Areas	Other On-Base Areas
129 TOTAL MONITORING WELLS				
60 Total Shallow Zone Monitoring Wells				
42 Total Middle Zone Monitoring Wells				
23 Total Deep "A" Zone Monitoring Wells				
4 Total Deep "B" Zone Monitoring Wells				
ON-BASE MONITORING WELLS (85 Total Wells)				
Shallow Zone Monitoring Wells (39 Total Wells)				
MW-67 MW-68	MW-41S MW-120	MW-20S[a] MW-61	MW-10 MW-88	MW-31S MW-102
		MW-21S MW-62	MW-11 MW-89	MW-49S MW-106
		MW-22S[a] MW-107	MW-12 MW-90	MW-101
		MW-33S MW-110	MW-14 MW-91	MW-116
		MW-34S[a] MW-111	MW-15 MW-92	
		MW-36S MW-114	MW-19S[a]	
		MW-44S MW-128		
		MW-45S[a] MW-131		
		MW-60 MW-139		
Middle Zone Monitoring Wells (27 Total Wells)				
MW-27D MW-71	MW-23D MW-121	MW-20D MW-113	MW-19D MW-55	MW-17D MW-29D
MW-69		MW-21D MW-115	MW-52 MW-57	MW-18D MW-100
		MW-75 MW-129	MW-53 MW-70	MW-24D MW-103
		MW-108 MW-135	MW-54 MW-72	
Deep Zone Monitoring Wells (15 Total Wells)				
	MW-63	MW-22D MW-112	MW-51 MW-104	
	MW-122	MW-109 MW-130	MW-58 MW-105	
		MW-134 MW-142	MW-59	
		MW-136 MW-143		
Deep "B" Zone Monitoring Wells (4 Total Wells)				
	MW-132	MW-133 MW-138		
		MW-136		

(Continued)

TABLE A-1. (Continued)

Southeast Area	Southwest Area	West Area	Northwest Area	Northeast Area
OFF-BASE MONITORING WELLS (44 Total Wells)				
Shallow Zone Monitoring Wells (21 Total Wells)				
MW-1013 MW-1037 MW-1014	MW-1011 MW-1021 MW-1016 MW-1023 MW-1020	MW-1017 MW-1033 MW-1018 MW-1036	MW-1002 MW-1019 MW-1004 MW-1026 MW-1005 MW-1029 MW-1009 MW-1041	MW-1012
Middle Zone Monitoring Wells (15 Total Wells)				
MW-28D MW-1038	MW-1000 MW-1022 MW-1015 MW-1024	MW-1032 MW-1034	MW-74 MW-1027 MW-76 MW-1030 MW-1003 MW-1042 MW-1010	
Deep Zone Monitoring Wells (8 Total Wells)				
MW-1039	MW-1025	MW-1035	MW-1001 MW-1031 MW-1028 MW-1043	MW-1040

[a] Dry well.

MW = Monitoring well.

NOTE: The letters "S" and "D" associated with monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.

TABLE A-2. WELL SPECIFIC DATA FOR NETWORK MONITORING WELLS LOCATED ON AND IN THE VICINITY OF McCLELLAN AFB

Well Number[a]	Well Depth (ft bgs)[b]	Ground Surface Elevation (ft msl)[c]	Casing I.D. (inches)	Casing Material	Screen Material	Screen Interval Intake Depth (ft bgs)[b]	Bladder Pump Depth (ft bgs)[b]	Purge Pump Intake (ft bgs)[b]
10	105.0	62.18	4.0	PVC Sch 40	PVC Sch 40	95-105	NI	NI
11	105.0	60.13	4.0	PVC Sch 40	PVC Sch 40	95-105	NI	NI
12	105.0	61.26	4.0	PVC Sch 40	PVC Sch 40	95-105	NI	NI
14	105.0	64.77	4.0	PVC Sch 40	PVC Sch 40	95-100	NI	NI
15	105.0	65.62	4.0	PVC Sch 40	PVC Sch 40	95-100	NI	NI
17D	130.0	72.99	4.0	PVC Sch 40	SS	120-130	NI	NI
18D	145.0	69.50	4.0	PVC Sch 40	SS	135-145	144	139
19S	87.0	58.84	4.0	PVC Sch 40	SS	77-87	NI	NI
19D[d]	149.0	58.84	4.0	PVC Sch 40	PVC Sch 40	139-149	NI	NI
20S	90.0	60.37	4.0	PVC Sch 40	SS	80-90	NI	NI
20D	155.0	60.37	4.0	PVC Sch 40	SS	150-155	149	140
21S	88.0	54.70	4.0	PVC Sch 40	SS	78-88	87	NI
21D	133.0	54.70	4.0	PVC Sch 40	SS	123-133	132	127
22S	87.0	59.84	4.0	PVC Sch 40	SS	77-87	NI	NI
22D	163.5	59.84	4.0	PVC Sch 40	SS	153.5-163.5	162	144
23D	159.0	58.10	4.0	PVC Sch 40	SS	149-159	158	150
24D	159.0	58.00	4.0	PVC Sch 40	SS	149-159	157	146
27D	148.0	72.22	4.0	PVC Sch 40	SS	138-148	NI	NI

[a] The letters "S" and "D" associated with the monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.

[b] Bgs = Below ground surface.

[c] Msl = Mean sea level.

[d] MW-19D is a non-network monitoring well, but is sampled periodically and therefore, was included in this table.

NA = Not available.
NI = Not installed.
SS = Stainless steel.
PVC = Polyvinyl chloride.

(Continued)

TABLE A-2. (Continued)

Well Number[a]	Well Depth[b] (ft bgs)	Ground Surface Elevation (ft msl)[c]	Casing I.D. (inches)	Casing Material	Screen Material	Screen Interval Intake Depth[b] (ft bgs)	Bladder Pump Depth[b] (ft bgs)	Purge Pump Intake[b] (ft bgs)
28D	130.0	72.92	4.0	PVC Sch 40	SS	120-130	NI	NI
29D	147.0	68.60	4.0	PVC Sch 40	SS	137-147	146	141
31S	102.0	65.80	4.0	PVC Sch 40	SS	82-102	NI	NI
33S	97.0	58.02	4.0	PVC Sch 40	SS	87-97	96	NI
34S	88.0	58.17	4.0	PVC Sch 40	SS	78-88	NI	NI
36S	92.0	56.80	4.0	PVC Sch 40	SS	82-92	91	NI
41S	110.0	64.00	4.0	PVC Sch 40	SS	100-110	109	NI
44S	93.0	53.70	4.0	PVC Sch 40	SS	83-93	92	NI
45S	90.0	60.64	4.0	PVC Sch 40	SS	80-90	NI	NI
51	192.0[d]	63.89	6.0	Steel	SS	177-192	190	142
52	157.0[d]	59.14	6.8	Steel	SS	147-157	156	139
53	141.0[d]	64.21	7.6	Steel	SS	130-140	139	134
54	155.0[d]	60.34	6.8	Steel	SS	142-152	151	144
55	145.0[d]	66.52	7.2	Steel	SS	134-144	143	136
57	148.0	64.49	6.8	Steel	SS	137-147	146	132
58	187.0[d]	59.83	6.2	Steel	SS	172-182	181	140
59	179.0	57.68	6.2	Steel	Steel	164-174	173	165
60	107.0	58.87	6.2	Steel	Steel	92-102	101	95
61	111.0	59.70	6.2	Steel	Steel	96-106	105	99

[a] The letters "S" and "D" associated with the monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.

[b] Bgs = Below ground surface.

[c] Msl = Mean sea level.

[d] Well casing extended during construction of Area D cap. Depth shown is referenced to top of earthern cap and not to original ground surface.

NA = Not available.
NI = Not installed.
SS = Stainless steel.
PVC = Polyvinyl chloride.

(Continued)

TABLE A-2. (Continued)

Well Number[a]	Well Depth[b] (ft bgs)	Ground Surface Elevation[c] (ft msl)	Casing I.D. (inches)	Casing Material	Screen Material	Screen Interval Intake Depth[b] (ft bgs)	Bladder Pump Depth[b] (ft bgs)	Purge Pump Intake[b] (ft bgs)
62	113.0	57.94	8.2	Steel	Steel	98-108	NI	NI
63	179.0	62.98	8.2	Steel	Steel	164-174	171	149
67	115.0	71.62	6.2	Steel	Steel	100-110	109	103
68	131.0	71.77	6.2	Steel	Steel	116-126	NI	NI
69	180.0	70.35	8.2	Steel	Steel	150-170	169	153
70	142.0[d]	60.14	6.2	Steel	Steel	127-137	136	131
71	141.0	73.10	8.2	Steel	Steel	120-136	NI	NI
72	136.0[d]	62.58	4.1	Steel	Steel	121-131	130	124
74	141.0	54.61	6.2	Steel	Steel	126-136	NI	NI
75	130.0	58.16	8.2	Steel	Steel	115-125	NI	NI
76	148.0	53.77	6.2	Steel	Steel	134-144	NI	NI
88	111.0	57.54	4.0	Steel	Steel	96-106	105	NI
89	113.0	59.11	4.0	Steel	Steel	98-108	107	NI
90	111.0	61.06	4.0	Steel	Steel	96-106	105	NI
91	107.0	56.15	4.0	Steel	Steel	92-102	101	NI
92	109.0	55.61	4.0	Steel	Steel	94-104	103	NI
100	174.8	78.94	4.0	SS/PVC	SS	164.8-174.8	174	157
101	119.5	78.27	4.0	SS/PVC	SS	109.5-119.5	119	NI
102	117.0	80.93	4.0	SS/PVC	SS	107-117	16	NI

[a] The letters "S" and "D" associated with the monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.

[b] Bgs = Below ground surface.

[c] Msl = Mean sea level.

[d] Well casing extended during construction of Area D cap. Depth shown is referenced to top of earthern cap and not to original ground surface.

NA = Not available.
NI = Not installed.
SS = Stainless steel.
PVC = Polyvinyl chloride.

(Continued)

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TABLE A-2. (Continued)

Well Number[a]	Well Depth (ft bgs)[b]	Ground Surface Elevation (ft msl)[c]	Casing I.D. (inches)	Casing Material	Screen Material	Screen Interval Intake Depth (ft bgs)[b]	Bladder Pump Depth (ft bgs)[b]	Purge Pump Intake (ft bgs)[b]
103	143.8	81.76	4.0	SS/PVC	SS	133.8-143.8	143	138
104	181.0	57.22	4.0	SS/PVC	SS	171-181	80	137
105	178.5	58.20	4.0	SS	SS	168.5-178.5	178	137
106	90.0	53.97	4.0	SS/PVC	SS	80-90	89	NI
107	90.0	51.97	4.0	SS/PVC	SS	79-90	89	NI
108	141.3	51.66	4.0	SS/PVC	SS	131.3-141.3	140	128
109	175.9	51.56	4.0	SS/PVC	SS	165.6-175.9	179	138
110	95.0	49.85	4.0	SS/PVC	SS	85-95	94	NI
111	99.5	50.04	4.0	SS/PVC	SS	89.5-99.5	99	94
112	168.0	49.94	4.0	SS/PVC	SS	158-168	167	128
113	125.0	50.43	4.0	SS/PVC	SS	115-125	138	133
114	90.5	53.82	4.0	SS/PVC	SS	80.5-90.5	90	NI
115	140.2	54.06	4.0	SS/PVC	SS	130.2-140.2	139	134
116	94.2	54.89	4.0	SS/PVC	SS	84.2-94.2	93	NI
120	105.0	62.22	2.0	SS/PVC	SS	95-105	104	NI
121	150.0	62.22	2.0	SS/PVC	SS	140-150	149	NI
122	208.0	62.42	2.0	SS/PVC	SS	198-208	207	NI
128	99.4	59.41	4.0	SS/PVC	SS	84.4-99.4	98	NI
129	137.8	59.46	4.0	SS/PVC	SS	127.8-137.8	137	129

[a] The letters "S" and "D" associated with the monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.

[b] Bgs = Below ground surface.

[c] Msl = Mean sea level.

NA = Not available.
NI = Not installed.
SS = Stainless steel.
PVC = Polyvinyl chloride.

(Continued)

TABLE A-2. (Continued)

Well Number[a]	Well Depth (ft bgs)[b]	Ground Surface Elevation (ft msl)[c]	Casing I.D. (inches)	Casing Material	Screen Material	Screen Interval Intake Depth (ft bgs)[b]	Bladder Pump Depth (ft bgs)[b]	Purge Pump Intake (ft bgs)[b]
130	189.0	59.21	4.0	SS/PVC	SS	179-189	188	144
131	99.5	59.18	4.0	SS/PVC	SS	84.5-99.5	99	NI
132	218.3	62.51	4.0	SS/PVC	SS	208.3-218.3	217	151
133	260.0	57.94	4.0	SS/PVC	SS	217-227, 237-247	215	116
134	185.0	58.38	4.0	SS/PVC	SS	165-175	156	116
135	130.0	57.94	4.0	SS/PVC	SS	109-119	108	116
136	255.0	57.77	4.0	SS/PVC	SS	230-245	235	116
138	254.3	60.44	4.0	SS/PVC	SS	210-220	205	116
139	121.0	56.65	4.0	SS/PVC	SS	100-110	101	111
142	180.0	57.46	4.0	SS/PVC	SS	160-170	158	116
143	193.0	59.40	4.0	SS/PVC	SS	173-183	171	116
1000	138.0	58.53	4.0	SS/PVC	SS	128-138	137	131
1001	166.5	51.25	4.0	SS/PVC	SS	156.5-166.5	165	129
1002	92.5	56.65	4.0	SS/PVC	SS	82.5-92.5	92	NI
1003	139.0	51.28	4.0	SS/PVC	SS	129-139	138	131
1004	92.5	51.62	4.0	SS/PVC	SS	82.5-92.5	91	NI
1005	90.0	51.26	4.0	SS/PVC	SS	80-90	89	NI
1009	92.5	57.82	4.0	SS/PVC	SS	82.5-92.5	91	NI
1010	149.0	51.63	4.0	SS/PVC	SS	138-148	147	131

[a] The letters "S" and "D" associated with the monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.

[b] Bgs = Below ground surface.

[c] Msl = Mean sea level.

NA = Not available.
NI = Not installed.
SS = Stainless steel.
PVC = Polyvinyl chloride.

(Continued)

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TABLE A-2. (Continued)

Well Number[a]	Well Depth[b] (ft bgs)	Ground Surface Elevation[c] (ft msl)	Casing I.D. (inches)	Casing Material	Screen Material	Screen Interval Intake Depth[b] (ft bgs)	Bladder Pump Depth[b] (ft bgs)	Purge Pump Intake[b] (ft bgs)
1011	95.4	54.75	4.0	SS/PVC	SS	85.4-95.4	94	NI
1012	107.0	78.64	4.0	SS/PVC	SS	97-107	106	NI
1013	99.0	57.34	4.0	SS/PVC	SS	89-99	98	NI
1014	105.5	66.47	4.0	SS/PVC	SS	95.5-105.5	104	NI
1015	141.0	59.54	4.0	SS/PVC	SS	131-141	140	134
1016	105.5	56.34	4.0	SS/PVC	SS	95.5-105.5	104	NI
1017	90.0	51.80	4.0	SS/PVC	SS	80-90	89	NI
1018	99.0	47.51	4.0	SS/PVC	SS	89-99	98	NI
1019	91.0	45.05	4.0	SS/PVC	SS	81-91	90	NI
1020	106.7	57.82	4.0	SS/PVC	SS	96.7-106.7	106	NI
1021	110.6	63.24	4.0	SS/PVC	SS	100.6-110.6	110	NI
1022	158.4	63.13	4.0	SS/PVC	SS	148.4-158.4	157	151
1023	116.5	52.96	4.0	SS/PVC	SS	106.5-116.5	115	NI
1024	146.5	53.[illegible]	4.0	SS/PVC	SS	136.5-146.5	145	139
1025	196.5	53.65	4.0	SS/PVC	SS	186.5-196.5	195	146
1026	101.5	59.57	4.0	SS/PVC	SS	91.5-101.5	100	NI
1027	140.0	59.53	4.0	SS/PVC	SS	130-140	139	131
1028	188.7	59.40	4.0	SS/PVC	SS	178.7-188.7	185	142
1029	86.8	50.37	4.0	SS/PVC	SS	76.8-86.8	86	NI

[a] The letters "S" and "D" associated with the monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.

[b] Bgs = Below ground surface.

[c] Msl = Mean sea level.

NA = Not available.
NI = Not installed.
SS = Stainless steel.
PVC = Polyvinyl chloride.

(Continued)

ANUALTEC/030189/4MM

TABLE A-2. (Continued)

Well Number[a]	Well Depth[b] (ft bgs)	Ground Surface Elevation[c] (ft msl)	Casing I.D. (inches)	Casing Material	Screen Material	Screen Interval Intake Depth[b] (ft bgs)	Bladder Pump Depth[b] (ft bgs)	Purge Pump Intake[b] (ft bgs)
1030	158.7	50.17	4.0	SS/PVC	SS	148.7-158.7	158	129
1031	196.0	50.42	4.0	SS/PVC	SS	186-196	195	131
1032	157.9	47.23	4.0	SS/PVC	SS	147.9-157.9	157	131
1033	86.2	48.46	4.0	SS/PVC	SS	76.2-86.2	85	NI
1034	138.7	48.31	4.0	SS/PVC	SS	128.7-138.7	138	130
1035	198.3	48.57	4.0	SS/PVC	SS	188.3-198.3	197	132
1036	74.8	38.60	4.0	SS/PVC	SS	64.8-74.8	74	NI
1037	105.7	62.21	4.0	SS/PVC	SS	95.7-105.7	105	NI
1038	148.2	61.67	4.0	SS/PVC	SS	138.2-148.2	147	142
1039	200.7	61.74	4.0	SS/PVC	SS	190.7-200.7	200	147
1040	206.1	80.01	4.0	SS/PVC	SS	196.1-206.1	205	166
1041	110.9	48.03	4.0	SS/PVC	SS	100.9-110.9	110	104
1042	138.0	47.82	4.0	SS/PVC	SS	128-138	137	129
1043	195.0	47.91	4.0	SS/PVC	SS	185-195	194	129

[a] The letters "S" and "D" associated with the monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.

[b] Bgs = Below ground surface.

[c] Msl = Mean sea level.

NA = Not available.
NI = Not installed.
SS = Stainless steel.
PVC = Polyvinyl chloride.

TABLE A-3. WELL-SPECIFIC DATA FOR EXTRACTION WELLS LOCATED ON McCLELLAN AFB, SECOND QUARTER 1988 SAMPLING AND ANALYSIS PROGRAM

Well Number	Well Depth (ft bgs)[a]	Ground Surface Elevation (ft msl)[b]	Casing I.D. (inches)	Casing Material	Screen Material	Screen Interval Intake Depth (ft bgs)[a]	Submersible Pump Depth (ft bgs)[a]
EW-73	164	NA	8.0	Steel	SS	40-160	145
EW-83	172	NA	8.0	Steel	SS	40-160	145
EW-84	170	NA	8.0	Steel	SS	40-160	145
EW-85	170	NA	8.0	Steel	SS	40-160	145
EW-86	170	NA	8.0	Steel	SS	40-160	145
EW-87	170	NA	8.0	Steel	SS	40-160	145
EW-137	182.0	58.24	4.0	SS/PVC	SS	162-172	116
EW-140	200.0	56.58	4.0	SS/PVC	SS	180-190	116
EW-141	245.0	56.55	4.0	SS/PVC	SS	230-240	116
EW-144	195.0	NA	8.0	Steel	SS	120-130 165-185	135

[a] Bgs = Below ground surface.
[b] Msl = Mean sea level.

NA = Not available.
SS = Stainless steel.

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APPENDIX A-4. SITE/LOCATION SPECIFIC DATA, McCLELLAN AFB, CALIFORNIA

Site/ Location ID	Description	Years of Operation	Location	Contaminant Types
AREA A AND ADJACENT ON-BASE AREAS				
PSPRL 25	LANDFILL	40's-EARLY 50's	S END OF N/S RUNWAY	NONE DETECTED
PSPRL 37	LANDFILL	EARLY 50's	ADJ. TO TAXIWAY 7165	SOLVENTS
PSPRL 39	LANDFILL	PRE-41-46	S OF BLD 351	NONE DETECTED
PSPRL 40	INDUSTRIAL WASTEWATER SLUDGE DRYING BEDS	55-72	NE OF SANITARY WTP	SOLVENTS
SITE 38	UNDGRD TANKS/SLUDGE LANDFILL	50	BLD 475	SOLVENTS PRIORITY POLLUTANTS METALS
UPRL B-3	LANDFILL	UNKNOWN	UNDER BLD 251	SOLVENTS PETROLEUM PRODUCTS
UPRL B-4	SLUDGE DRYING BED	UNKNOWN	S OF BLD 344	SOLVENTS METALS
UPRL B-5	LANDFILL	UNKNOWN	S OF BLD 375	SOLVENTS PETROLEUM PRODUCTS
UPRL B-7	SPOIL AREA	UNKNOWN	N OF BLD 243	UNKNOWN
UPRL P-1	DRAINAGE DITCH/PONDS	UNKNOWN	W OF BLD878	SOLVENTS PETROLEUM PRODUCTS
UPRL P-2	WASTE POND	UNKNOWN	S OF BLD 687	SOLVENTS PETROLEUM PRODUCTS
UPRL P-3	OIL PIT	UNKNOWN	S OF BLD 251	SOLVENTS PETROLEUM PRODUCTS
UPRL P-4	SUMP	UNKNOWN	E OF BLD 351	SOLVENTS PETROLEUM PRODUCTS
UPRL P-5	OPEN DITCH	UNKNOWN	N OF BLD 475	SOLVENTS OTHER
UPRL P-6	OPEN DITCH	UNKNOWN	N OF BLD 475	SOLVENTS OTHER

IWTP = Industrial Waste Treatment Plant
UPRL = Unstudied Potential Release Location
PSPRL = Partially Studied Potential Release Location

APPENDIX A-4. (continued)

Site/ Location ID	Description	Years of Operation	Location	Contaminant Types
AREA A AND ADJACENT ON-BASE AREAS				
UPRL S-1	PLATING SHOP	UNKNOWN	IN BLD 343	SOLVENTS METALS CYANIDE
UPRL S-2	CHEMICAL WHAREHOUSE	UNKNOWN	IN BLD 447	SOLVENTS
UPRL S-3	ACID STORAGE WRHS	UNKNOWN	W OF BLD 447	ACIDS
UPRL S-4	TREATMENT PLANT/SLUDGE BEDS	UNKNOWN	N OF BLD 431	SOLVENTS METALS PETROLEUM PRODUCTS
UPRL S-6	IWTP #1	UNKNOWN	E OF BLD 346	SOLVENTS METALS
UPRL S-7	IWTP #3	UNKNOWN	NE OF BLD 475	SOLVENTS METALS
UPRL S-8	ELECTROPLATING SHOP	UNKNOWN	IN BLD 243G	SOLVENTS METALS CYANIDE
UPRL S-14	PAINT SHOP/SPRAY BOOTH	UNKNOWN	BLD 22	SOLVENTS PETROLEUM PRODUCTS
UPRL S-15	DEGREASER/SPRAY BOOTHS	UNKNOWN	BLD 243	SOLVENTS PETROLEUM PRODUCTS
UPRL S-16	SOLVENTS,PAINT,SPRAY BOOTHS	UNKNOWN	BLD 250	SOLVENTS PETROLEUM PRODUCTS
UPRL S-17	REPAIR SHOP/SPRAY BOOTHS	UNKNOWN	BLD 251	SOLVENTS PETROLEUM PRODUCTS
UPRL S-18	REPAIR SHOP/CLEANING SHOP	UNKNOWN	BLD 252	SOLVENTS PETROLEUM PRODUCTS
UPRL S-19	ENTOMOLOGY STORAGE AREA	UNKNOWN	NE OF SANITARY WTP	PESTICIDES
UPRL S-20	PHOTO LAB	UNKNOWN	BLD 336	SOLVENTS METALS SILVER
UPRL S-21	DEGREASER/SPRAY BOOTHS	UNKNOWN	IN BLD 351	SOLVENTS PETROLEUM PRODUCTS

IWTP = Industrial Waste Treatment Plant
UPRL = Unstudied Potential Release Location
PSPRL = Partially Studied Potential Release Location

APPENDIX A-4. (continued)

Site/ Location ID	Description	Years of Operation	Location	Contaminant Types
AREA A AND ADJACENT ON-BASE AREAS				
UPRL S-22	REPAIR SHOP/SPRAY BOOTHS	UNKNOWN	IN BLD 355	SOLVENTS PETROLEUM PRODUCTS
UPRL S-23	PLATING SHOP	UNKNOWN	IN BLD 358	SOLVENTS METALS CYANIDE
UPRL S-24	DEPAINT WASHRACK	UNKNOWN	AT BLD 375	SOLVENTS PETROLEUM PRODUCTS
UPRL S-25	TRANSFORMER SHOP	UNKNOWN	BLD 440	PCB SOLVENTS PETROLEUM PRODUCTS
UPRL S-26	MAINT. SHOP/SPRAY BOOTHS	UNKNOWN	BLD 473	SOLVENTS PETROLEUM PRODUCTS
UPRL S-27	SOLV. RECOVERY STILLS	UNKNOWN	BLD 478	SOLVENTS
UPRL S-36	OIL DRUM STORAGE	UNKNOWN	N OF BLD 410	SOLVENTS PETROLEUM PRODUCTS
UPRL S-37	OIL DRUM STORAGE	UNKNOWN	N OF BLD 410	SOLVENTS PETROLEUM PRODUCTS
UPRL S-38	DRUM STORAGE	UNKNOWN	N OF BLD 431	SOLVENTS
UPRL S-39	NEW MUSEUM SITE	UNKNOWN	DUDLY BLVD/PALM ST	SOLVENTS
UPRL T-10	SOLVENT TANK	UNKNOWN	BLD 362	SOLVENTS
UPRL T-12	WASTE OIL/SOLVENT TANK	UNKNOWN	BLD 342	SOLVENTS
UPRL T-15	TANK FARM	UNKNOWN	N OF BLD 447	SOLVENTS PETROLEUM PRODUCTS
UPRL T-16	TANK FARM	UNKNOWN	N OF BLD 475	SOLVENTS PETROLEUM PRODUCTS
UPRL T-17	TANK FARM	UNKNOWN	S OF BLD 350	SOLVENTS PETROLEUM PRODUCTS
UPRL T-18	TANK FARM	UNKNOWN	E OF BLD 343	SOLVENTS PETROLEUM PRODUCTS

IWTP = Industrial Waste Treatment Plant
UPRL = Unstudied Potential Release Location
PSPRL = Partially Studied Potential Release Location

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APPENDIX A-4. (continued)

Site/ Location ID	Description	Years of Operation	Location	Contaminant Types
AREA A AND ADJACENT ON-BASE AREAS				
UPRL T-19	TANK FARM	UNKNOWN	E OF BLD 344	SOLVENTS PETROLEUM PRODUCTS
UPRL T-20	TANK FARM	UNKNOWN	SW OF BLD 475	SOLVENTS PETROLEUM PRODUCTS
UPRL T-21	UNDERGROUND SOLVENT TANK	UNKNOWN	W OF BLD 342	SOLVENTS PETROLEUM PRODUCTS
UPRL T-30	UNDERGROUND SOLVENT TANK	UNKNOWN	S OF BLD 252	SOLVENTS
UPRL T-36	500 GAL. STODDARD SOLV. TANK	UNKNOWN	NEAR BLD 329	SOLVENTS
UPRL T-37	STODDARD SOLVANT TANK	UNKNOWN	S OF BLD 360	SOLVENTS
UPRL T-47	OIL/WATER SEPERATOR	UNKNOWN	E OF BLD 346A	PETROLEUM PRODUCTS
AREA B AND ADJACENT ON-BASE AREAS				
PSPRL 30	RADIO/CHEM LAB LANDFILL	LATE 50's-EARLY 80's	E OF BLD 628	SOLVENTS METALS
PSPRL 35	SCRAP METAL BURIAL PIT	WWII	BLD 652	NONE DETECTED
PSPRL 36	OPEN STORAGE AREA	58-80	N OF BLD 666	SOLVENTS CYANIDE
SITE 47	ABANDON PLATING SHOP	UNKNOWN	BLD 666	SOLVENTS METALS
SITE 48	ABANDON IWTP	UNKNOWN	IWTP#4	SOLVENTS METALS OIL/GREASE
UPRL B-1	LANDFILL	UNKNOWN	E OF BLDG 700	UNKNOWN
UPRL P-9	OPEN DRAINAGE DITCH	UNKNOWN	N OF BLD 660	SOLVENTS METALS
UPRL S-5	IWTP	UNKNOWN	N OF BLD 652	SOLVENTS METALS
UPRL S-9	ASBESTOS STORAGE	UNKNOWN	E OF BLD 642	ASBESTOS

IWTP = Industrial Waste Treatment Plant
UPRL = Unstudied Potential Release Location
PSPRL = Partially Studied Potential Release Location

RADIAN CORPORATION

APPENDIX A-4. (continued)

Site/ Location ID	Description	Years of Operation	Location	Contaminant Types
AREA B AND ADJACENT ON-BASE AREAS				
UPRL S-12	PCB STORAGE	UNKNOWN	BLD 624	PCB
UPRL S-13	OPEN STORAGE	UNKNOWN	BLDS 709,727,729	SOLVENTS
UPRL S-28	OIL/PAINT STORAGE	UNKNOWN	N OF BLD 600	OIL/GREASE
UPRL S-29	PCB STORAGE	UNKNOWN	IN BLD 655	PCB
UPRL S-30	DEPAINT WASHRACK	UNKNOWN	BLD 658	SOLVENTS PETROLEUM PRODUCTS
UPRL S-33	HAZ. MAT. STORAGE	UNKNOWN	BLD 786	SOLVENTS OTHER
UPRL S-34	DEGREASER/PAINT SPRAY BOOTH	UNKNOWN	BLD 652	SOLVENTS OTHER
UPRL S-35	SOLV. SPRAY BOOTH	UNKNOWN	BLD 654	SOLVENTS OTHER
UPRL S-41	MAT K DRAINAGE	UNKNOWN	S OF BLD 711	SOLVENTS PETROLEUM PRODUCTS LEAD
UPRL T-6	UNDERGROUND SOLVENT TANK	UNKNOWN	BLD 640	SOLVENTS
UPRL T-7	SOLV. PIT/WASTE THINNER TANK	UNKNOWN	BLD 640	SOLVENTS
UPRL T-8	CONTAM. FUEL TANK	UNKNOWN	BLD 756	PETROLEUM PRODUCTS SOLVENTS
UPRL T-45	OIL/WATER SEPERATOR	UNKNOWN	N OF BLD 74	PETROLEUM PRODUCTS
UPRL T-46	OIL/WATER SEPERATOR	UNKNOWN	S OF BLD 764	PETROLEUM PRODUCTS
UPRL T-48	OIL/WATER SEPERATOR	UNKNOWN	S OF BLD 765	PETROLEUM PRODUCTS
AREA C AND ADJACENT ON-BASE AREAS				
SITE 7	SLUDGE/OIL PIT	62-74	E OF BLD 701	PRIORITY POLLUTANTS OIL/GREASE PCB
PSPRL 8	SLUDGE/REFUSE LANDFILL	74-81	NW OF BLD 774	SOLVENTS PRIORITY POLLUTANTS

IWTP = Industrial Waste Treatment Plant
UPRL = Unstudied Potential Release Location
PSPRL = Partially Studied Potential Release Location

RADIAN CORPORATION

APPENDIX A-4. (continued)

Site/ Location ID	Description	Years of Operation	Location	Contaminant Types
AREA C AND ADJACENT ON-BASE AREAS				
PSPRL 9	LANDFILL	PRE-49-53	W OF BLD 774	PRIORITY POLLUTANTS
SITE 10	LANDFILL	53-55	W OF BLD 774	PRIORITY POLLUTANTS PCB
SITE 11	LANDFILL	55-57	W OF BLD 774	PRIORITY POLLUTANTS
SITE 12	LANDFILL	67-69	SW OF BLD 774	PRIORITY POLLUTANTS
SITE 13	LANDFILL	69-71	W OF BLD 774	PRIORITY POLLUTANTS
SITE 14	LANDFILL	71-74	S OF BLD 701	PRIORITY POLLUTANTS
PSPRL 15	SODIUM VALVE TRENCH	40-50	SW OF BLD 774	NONE DETECTED
PSPRL 16	SODIUM VALVE TRENCH	40-50	S OF BLD 701	NONE DETECTED
PSPRL 17	LANDFILL	57-59	SE OF BLD 704	SOLVENTS
PSPRL 18	LANDFILL	57-59	SE OF BLD 704	NONE DETECTED
PSPRL 19	LANDFILL	57-59	SE OF BLD 704	NONE DETECTED
PSPRL 20	SLUDGE/OIL PIT	56-57	SE OF BLD 704	SOLVENTS
PSPRL 21	SLUDGE/OIL PIT	56-57	SE OF BLD 704	SOLVENTS
SITE 22	BURN PIT/LANDFILL	46-68	S OF IWTP AERA. BSN	PRIORITY POLLUTANTS PCB OIL/GREASE
PSPRL 28	SLUDGE PIT	PRE-72	W OF IWTP	PRIORITY POLLUTANTS
PSPRL 32	RADIO/HAZ WASTE STORAGE	PRE-63-68	S OF IWTP	PRIORITY POLLUTANTS
PSPRL 41	LANDFILL	MID-40's	BLD 704	PRIORITY POLLUTANTS METALS
SITE 42	OIL STORAGE/LANDFILL	MID-40's-60's	IWTP AERATION BASIN	PRIORITY POLLUTANTS OIL/GREASE PCB
SITE 43	LANDFILL	MID-40'S	NW OF BLD 704	PRIORITY POLLUTANTS
PSPRL 49	LANDFILL	50's	NE OF BLD 704	NONE DETECTED

IWTP = Industrial Waste Treatment Plant
UPRL = Unstudied Potential Release Location
PSPRL = Partially Studied Potential Release Location

RADIAN CORPORATION

APPENDIX A-4. (continued)

Site/ Location ID	Description	Years of Operation	Location	Contaminant Types
AREA C AND ADJACENT ON-BASE AREAS				
PSPRL 50	SETTLING POND	MID-TO-LATE 50's	NW OF BLD 704	NONE DETECTED
PSPRL 51	HOLDING POND	80 TO PRESENT	NW OF IWTP	NONE DETECTED
SITE 52	BURN DEBRIS PIT	57	NW OF BLD 704	PRIORITY POLLUTANTS
PSPRL 53	SETTLING POND	MID-TO-LATE 50's	NW OF BLD 704	SOLVENTS
PSPRL 54	STORAGE AREA	MID-60's	S OF BLD 704	NONE DETECTED
PSPRL 55	ACID STORAGE AREA/LANDFILL	MID-50's	S OF BLD 704	SOLVENTS
PSPRL 56	STORAGE AREA	50's-60's-70's	S OF BLD 704	NONE DETECTED
PSPRL 57	LANDFILL	50's-60's	S OF BLD 704	NONE DETECTED
PSPRL 60	HOLDING POND	CURRENT	S OF IWTP	NONE DETECTED
PSPRL 61	CHEMICAL WASTE PIT	54	E OF BLD 722	NONE DETECTED
PSPRL 62	CHEMICAL WASTE PIT	54	E OF BLD 722	NONE DETECTED
PSPRL 63	UNLINED DITCH	60's	SE OF BLD 704	NONE DETECTED
PSPRL 64	UNLINED DITCH	60's	SE OF BLD 704	NONE DETECTED
PSPRL 65	LANDFILL	65	E OF BLD 692	NONE DETECTED
PSPRL 66	DITCHES AND POND	MID-60's	W OF BLD 721	NONE DETECTED
SITE 67	LANDFILL	PRE-47	NW OF BLD 702	PRIORITY POLLUTANTS PETROLEUM PRODUCTS
PSPRL 68	SLUDGE PONDS	40's	W OF SITE 42	PRIORITY POLLUTANTS
SITE 69	BURN PIT	50's	SE OF BLD 704	PRIORITY POLLUTANTS
UPRL S-11	BCE/PCE STORAGE	UNKNOWN	BLD 636	PCB SOLVENTS PETROLEUM PRODUCTS
UPRL S-31	AIRCRAFT PAINT HANGAR	UNKNOWN	BLD 692	PAINTS SOLVENTS PETROLEUM PRODUCTS

IWTP = Industrial Waste Treatment Plant
UPRL = Unstudied Potential Release Location
PSPRL = Partially Studied Potential Release Location

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APPENDIX A-4. (continued)

Site/ Location ID	Description	Years of Operation	Location	Contaminant Types
AREA C AND ADJACENT ON-BASE AREAS				
UPRL S-32	PAINT STORAGE AREA	UNKNOWN	BLD 694	PAINTS SOLVENTS PETROLEUM PRODUCTS
AREA D AND ADJACENT ON-BASE AREAS				
SITE 1	LANDFILL	59-62	NW CORNER OF BASE	PRIORITY POLLUTANTS
SITE 2	SLUDGE/OIL PIT	62-79	NW CORNER OF BASE	PRIORITY POLLUTANTS
SITE 3	SLUDGE/OIL PIT	62-65	NW CORNER OF BASE	PRIORITY POLLUTANTS
SITE 4	SLUDGE/OIL PIT	67-81	NW CORNER OF BASE	PRIORITY POLLUTANTS
SITE 5	SLUDGE/OIL PIT	72-78	NW CORNER OF BASE	PRIORITY POLLUTANTS
SITE 6	OIL BURN PIT	72-78	NW CORNER OF BASE	SOLVENTS METALS
PSPRL 27	SODIUM VALVE TRENCH	LATE 40's-EARLY 50's	BLD 1085	NONE DETECTED
PSPRL 33	I W SLUDGE LANDFARM	72	NW CORNER OF BASE	SOLVENTS
SITE 26	SLUDGE/OIL BURN PIT	EARLY 60's	NW CORNER OF BASDE	SOLVENTS METALS
SITE A	SLUDGE DISPOSAL PIT	60's	NW CORNER OF BASE	SOLVENTS PRIORITY POLLUTANTS METALS
SITE S	FUEL/SOLVENT/OILBURN PIT	62-68	NW CORNER OF BASE	SOLVENTS PRIORITY POLLUTANTS PETROLEUM PRODUCTS
SITE T	FUEL/SOLVENT SLUDGE PIT	64-66	NW CORNER OF BASE	SOLVENTS PRIORITY POLLUTANTS METALS PETROLEUM PRODUCTS
UPRL T-11	UNDERGROUND STORAGE TANK	UNKNOWN	BLD 1093	SOLVENTS

IWTP = Industrial Waste Treatment Plant
UPRL = Unstudied Potential Release Location
PSPRL = Partially Studied Potential Release Location

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APPENDIX A-4. (continued)

Site/ Location ID	Description	Years of Operation	Location	Contaminant Types
OTHER ON-BASE AREAS				
PSPRL 29	LANDFILL	50's-60's	NE OF BLD 700	NONE DETECTED
PSPRL 31	INCINERATOR ASH BURIAL PIT	63-68	NEAR BLD 680	ARSENIC
PSPRL 34	WASTE SOLVENT STORAGE TANKS	50-53	ADJ. TO TAXIWAY 7165	SOLVENTS OIL/GREASE
SITE 23	LANDFILL	66-69	BLD 781	PRIORITY POLLUTANTS
SITE 24	LANDFILL	66-69	E OF BLD 621	PRIORITY POLLUTANTS
UPRL B-6	WASTE AREA	UNKNOWN	N OF N/S RUNWAY	UNKNOWN
UPRL P-7	OPEN DITCH	UNKNOWN	NE,TO AREA D	PETROLEUM PRODUCTS
UPRL P-8	ACID AND CYANIDE PIT	UNKNOWN	S END OF N/S RUNWAY	ACID METALS
UPRL S-10	STORAGE AREA	UNKNOWN	NW OF BLD 1086	SOLVENTS RADIATION
UPRL S-40	TROOP ISSUE SITE	UNKNOWN	NW OF BLD 910	UNKNOWN
UPRL S-42	HOBBY SHOP/M&R WASHRACK	UNKNOWN	N OF BLD 1439	SOLVENTS PETROLEUM PRODUCTS
UPRL S-43	AIRCRAFT WASHRACK	UNKNOWN	NE CORNER OF MAT V	SOLVENTS PETROLEUM PRODUCTS
UPRL S-44	AIRCRAFT MAINT. AREA	UNKNOWN	S OF BLD 1071/MAT U	SOLVENTS PETROLEUM PRODUCTS
UPRL S-45	AIRCRAFT MAINT. AREA	UNKNOWN	W OF BLD 878	SOLVENTS PETROLEUM PRODUCTS
UPRL T-31	UNDERGROUND STORAGE TANK	UNKNOWN	NEAR BLD 1028	SOLVENTS
UPRL T-32	UNDERGROUND STORAGE TANK	UNKNOWN	NEAR BLD 1023	SOLVENTS
UPRL T-33	UNDERGROUND STORAGE TANK	UNKNOWN	NEAR BLD 1021	SOLVENTS
UPRL T-44	STODDARD SOLVENT TANK	UNKNOWN	NW OF BLD 1048	SOLVENTS

IWTP = Industrial Waste Treatment Plant
UPRL = Unstudied Potential Release Location
PSPRL = Partially Studied Potential Release Location

APPENDIX B

COMPILATION OF AVAILABLE SAMPLE ANALYSES

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RESULTS FOR METHOD 8010

(METHOD 601 PRIOR TO OCTOBER 1988)

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-10	BW-10	BW-10	BW-13	BW-13	BW-13	BW-18	BW-18	BW-18	BW-18	BW-29
Date Sampled			12/02/85	03/26/86	12/04/86	12/02/85	03/26/86	12/04/86	12/02/85	12/02/85	03/26/86	12/04/86	12/02/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/11/85	03/31/86	12/09/86	12/11/85	03/31/86	12/08/86	12/11/85	12/12/85	03/31/86	12/08/86	12/11/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis			LDB										
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	9.5	ND	ND	ND	ND	ND	ND	4.0	ND	ND
Trichlorofluoroethane	3400	NE	ND	ND	NR	ND	ND	NR	ND	ND	ND	0.49DL	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.72	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11DL	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	3.5	8.6	ND	25C	ND
Dibromochloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.58DL	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LCQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LCQ = Limit of quantitation
DL = Diluted out of the confirmation run
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	?HS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-29	BW-29	BW-29	BW-29	BW-29	CW-116	CW-131	CW-132	CW-138	CW-138	CW-138
Date Sampled			03/27/86	03/27/86	03/27/86	12/04/86	12/04/86	11/20/79	11/15/79	03/18/82	11/13/79	11/14/79	11/15/79
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN						
Date Analyzed			04/03/86	04/03/86	04/03/86	12/08/86	12/09/86						
Lab			SAC	SAC	SAC	SAC	SAC						
Field Analysis				FDA	FDB								
Lab Analysis			LDA	LDB		LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	NR	NR	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	1.4
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	1.2	2.7	ND	3	ND	3.6
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
CW = City of Sacramento Municipal Supply Well
BW = Base production well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-150	CW-150	CW-150	CW-150	CW-150	CW-150	CW-150	CW-150	CW-150	CW-150	CW-150
Date Sampled			11/13/79	11/14/79	11/21/79	02/27/80	03/03/80	03/10/80	07/17/81	06/21/82	06/23/82	06/24/82	06/25/82
Sampled By													
Date Analyzed													
Lab													
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	4.3	5.8	7.2	5.1	5.1	6.1	6.1	ND	0.3	0.6	2.3
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
CW = City of Sacramento Municipal Supply Well

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-150	CW-150	CW-150	CW-150	CW-150	CW-150	CW-150	CW-154	CW-155	EW-73	EW-73
Date Sampled			06/29/82	06/30/82	07/01/82	07/02/82	07/03/82	07/04/82	07/05/82	03/18/82	03/18/82	11/03/87	12/02/87
Sampled By												RADIAN	RADIAN
Date Analyzed												11/04/87	12/08/87
Lab												SAC	SAC
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	2400C	2700C
Chloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	14000C	30000C
1,1-Dichloroethene	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	1400C	1200C
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	4000C	3900C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	97C	106C
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	2900C	1600C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1.4	1.7	2.7	1.7	1.6	0.9	4.7	ND	ND	1300C	1100C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140C
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	120C	81C
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
EW = Extraction Well
CW = City of Sacramento Municipal Supply Well

RADIAN = Radian Corporation, Sacramento
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Analytical data for EW-63 and EW-69 appear under MW-63 and MW-69

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-83
Date Sampled			02/01/88	03/01/88	05/03/88	05/03/88	06/07/88	08/03/88	09/02/88	09/02/88	11/03/88	12/02/88	11/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/02/88	03/13/88	05/05/88		06/10/88	08/08/88	09/06/88	09/06/88	11/09/88	12/06/88	11/06/87
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis									LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	1400C	1500C	2300PC	850C	1100P	920P	360P	300P	1200P	1100P	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	1000C	ND	ND	0.6C	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	12000C	9100C	14000PC	7900C	11000	6300P	4000P	3000P	10000P	7500P	660C
1,1-Dichloroethane	20	NE	1400C	1000C	690PC	980C	500P	1100P	270P	220P	1500P	890P	ND
Total 1,2-Dichloroethene	16	NE	2200C	1500C	1400PC	37C	1000P	950P	500P	370P	1500P	900P	ND
Chloroform	100	100	ND	ND	ND	36C	ND	ND	ND	ND	ND	ND	14C
1,2-Dichloroethane	1	5	130C	42C	ND	80C	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	2000C	1300C	2200PC	990C	1100P	780P	670P	450P	1000P	760P	78C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1400C	1100C	1700PC	1200C	1300P	1100P	790P	610P	1600P	1200P	76C
Dibromochloromethane	100	100	ND	ND	ND	67C	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	NL	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	37C	ND	25C	ND	ND	ND	ND	ND	ND	16C
Chlorobenzene	30	NE	ND	ND	ND	3.5C	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	29C	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA

ALL UNITS ARE ug/l
EW = Extraction Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-83	EW-83	EW-83	EW-83	EW-83	EW-83	EW-83	EW-83	EW-83	EW-83	EW-84
Date Sampled			12/02/87	02/01/88	03/01/88	05/03/88	06/07/88	08/03/88	09/02/88	10/03/88	11/03/88	12/02/88	11/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/08/87	02/02/88	03/13/88		06/10/88	08/08/88	09/06/88	10/04/88	11/14/88	12/06/88	11/06/87
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	930C
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	110C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	0.6C	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	370C	550C	690C	520C	920P	690P	570P	500P	470P	450P	1600C
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180C
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	460C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130C
1,1,1-Trichloroethane	200	200	36C	74C	48C	46C	110P	43P	50P	44P	37P	110P	330C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	44C	60C	57C	66C	120P	140P	75P	44P	65P	48P	1100C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	8.9C	6.9C	6.9C	27P	58P	5.9P	5.4P	ND	ND	15C
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39C
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA

ALL UNITS ARE ug/l
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-84	EW-84	EW-84	EW-84	EW-84	EW-84	EW-84	EW-84	EW-84	EW-85	EW-85
Date Sampled			12/02/87	02/01/88	03/01/88	05/03/88	06/07/88	09/02/88	10/28/88	11/03/88	12/02/88	11/03/87	11/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/08/87	02/02/88	03/13/88		06/10/88	09/06/88	11/02/88	11/14/88	12/06/88	11/06/87	11/09/87
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	850C	330C	650C	280C	260P	310P	560P	620P	400P	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	350C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	1200C	1300C	1600C	1100C	1600P	1200P	1200P	1100P	1000P	2200C	2200C
1,1-Dichloroethane	20	NE	140C	170C	240C	210C	120P	310P	290P	380P	180P	14C	13C
Total 1,2-Dichloroethene	16	NE	390C	253C	290C	3.0C	250P	290P	240P	270P	190P	38C	40C
Chloroform	100	100	ND	ND	ND	13C	ND	ND	ND	ND	ND	5.2C	ND
1,2-Dichloroethane	1	5	84C	110C	108C	79C	110P	140P	89P	120P	64P	17C	17C
1,1,1-Trichloroethane	200	200	160C	24.C	180C	120C	200P	170P	100P	110P	76P	610C	630C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	720C	940C	1100C	1200C	1100P	1300P	1100P	1100P	990P	1400C	1400C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	5.7C	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	2.6C	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	N	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	22C	40C	42C	ND	51P	ND	40P	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-85	EW-85	EW-85	EW-85	EW-85	EW-85	EW-85	EW-85	EW-85	EW-85	EW-86
Date Sampled			12/02/87	02/01/88	03/01/88	05/03/88	06/07/88	08/04/88	09/02/88	10/06/88	11/03/88	12/02/88	11/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/08/87	02/02/88	03/13/88		06/10/88	08/10/88	09/06/88	10/07/88	11/14/88	12/06/88	11/06/87
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	210C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	1800C	1200C	1600C	1300C	2100P	1200C	1100P	780C	880C	880P	130C
1,1-Dichloroethane	20	NE	ND	13C	ND	29C	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	18C	22C	9.0C	14P	23C	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	6.4C	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	13C	14C	ND	15C	ND	9.6C	16C	ND	ND
1,1,1-Trichloroethane	200	200	410C	320C	280C	220C	390P	170C	240P	160C	140C	210P	95C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1200C	840C	1000C	1200C	1300P	920C	1100P	500C	680C	650P	36C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	1.2C	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA

ALL UNITS ARE ug/l
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-86	EW-86	EW-86	EW-86	EW-86	EW-86	EW-86	EW-86	EW-86	EW-86	EW-87
Date Sampled			12/02/87	02/01/88	03/01/88	05/03/88	06/07/88	08/03/88	09/02/88	10/06/88	11/03/88	12/02/88	11/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/08/87	02/02/88	03/14/88		06/10/88	08/08/88	09/06/88	10/07/88	11/14/88	12/06/88	11/09/87
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	11C	ND	ND	ND	ND	ND	ND	ND	ND	12C
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	94C	150C	150C	86C	170P	140P	120P	92P	94P	61P	56C
1,1-Dichloroethane	20	NE	ND	ND	ND	0.7C	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	65C	72C	80C	44C	88P	68P	73P	56P	45P	25P	2.6C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	36C	53C	61C	52C	67P	77P	80P	43P	59P	34P	9.3C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA

ALL UNITS ARE ug/l
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
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SAC = Radian Analytical Services, Sacramento

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-87	EW-87	EW-87	EW-87	EW-87	EW-87	EW-87	EW-87	EW-87	EW-87	EW-137
Date Sampled			12/02/87	02/01/88	03/01/88	05/03/88	06/07/88	08/04/88	09/02/88	10/03/88	11/03/88	12/02/88	02/10/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/08/87	02/02/88	03/14/88		06/10/88	08/10/88	09/06/88	10/04/88	11/14/88	12/07/88	02/11/88
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	7.6C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	41C	82C	92C	65C	150P	140P	140P	130C	120P	150C	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	0.6C	ND	ND	ND	0.51C	ND	1.5C	7.7C
Total 1,2-Dichloroethene	16	NE	ND	0.93C	1.1C	ND	1.5P	1.4P	1.7P	2.6C	4.7P	3.0C	7.0C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	2.4C	3.0C	1.5C	6.6P	5.6P	9.8P	9.3C	8.0P	9.9C	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	8.2C	16C	23C	21C	42P	51P	62P	39C	57P	49C	350C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA

ALL UNITS ARE ug/l
EW = Extraction Well

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SAC = Radian Analytical Services, Sacramento

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LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-137	EW-137	EW-137	EW-137	EW-137	EW-137	EW-137	EW-140	EW-140	EW-140	EW-140
Date Sampled			04/25/88	04/25/88	07/14/88	07/14/88	07/14/88	07/14/88	10/14/88	02/09/88	04/20/88	07/07/88	10/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/27/88	04/27/88	08/02/88	07/15/88	07/15/88	07/15/88	10/18/88	02/10/88	04/22/88	07/08/88	10/18/88
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB		FDA	FDA	FDB					
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	6.5PC	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	8.2C	8.0C	8.0C	4.1P	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	5.4FC	ND	ND	7.7C	8.0C	8.3C	15P	21C	14PC	18P	13P
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	300FC	280FC	340C	350C	310C	320C	330P	56C	36FC	53P	45P
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND

ALL UNITS ARE ug/l

EW = Extraction Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-141	EW-141	EW-141	EW-141	MW-6	MW-7	MW-9	MW-10	MW-10	MW-10	MW-10
Date Sampled			02/09/88	04/19/88	07/08/88	10/14/88	06/13/85	05/31/85	06/16/85	06/20/85	04/07/88	07/22/88	10/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/10/88	04/22/88	07/11/88	10/18/88	06/18/85	06/04/85	06/19/85	06/24/85		07/26/88	10/21/88
Lab			SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS	CES	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	400C	360C	100C
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	55.3	0.6C	ND	ND
Trichlorofluoromethane	3400	NE	2.7C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	1.2C	ND	1.3C	ND	ND	ND	0.4	1500	910C	1400C	900C
1,1-Dichloroethane	20	NE	5.3C	3.6PC	4.7C	3.7P	ND	ND	ND	118	230C	180C	100C
Total 1,2-Dichloroethene	16	NE	41C	60PC	58C	42P	ND	ND	0.9	ND	12C	460C	160C
Chloroform	100	100	ND	ND	ND	ND	ND	5.6	40.0	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	0.2	94.7	390C	410C	270C
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	327	36C	ND	23C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.4C	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	90C	150PC	160C	160P	86.2	38.2	134	826	1500C	2100C	1200C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	64.9	2.4C	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	7.0C	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	69.8	200C	210C	85C
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-11	MW-11	MW-11	MW-12	MW-12	MW-12	MW-12	MW-14	MW-14	MW-14	MW-14
Date Sampled			06/20/85	04/06/88	07/25/88	06/19/85	04/07/88	07/26/88	10/21/88	06/19/85	04/06/88	07/22/88	10/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			06/24/85		07/26/88	06/21/85		07/27/88	10/26/88	06/21/85		07/26/88	10/21/88
Lab			RAS	CES	SAC	RAS	CES	SAC	SAC	RAS	CES	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	13C	ND	ND	ND	ND	ND	ND	1.4C	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	3140	260C	ND	ND	ND	ND	ND	11400	13C	ND	ND
Trichlorofluoromethane	3400	NE	ND	9.6C	ND	ND	5.7C	ND	ND	ND	2.5C	ND	ND
1,1-Dichloroethene	6	7	64300	17000C	20000C	25500	8400C	22000P	4000P	22600	5700C	13000P	4400P
1,1-Dichloroethane	20	NE	3560	520C	ND	ND	29C	ND	ND	ND	49C	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	51C	ND	ND	14C	ND	ND	ND	27C	ND	ND
Chloroform	100	100	ND	33C	ND	ND	1.6C	ND	ND	2320	12C	ND	ND
1,2-Dichloroethane	1	5	ND	86C	ND	ND	ND	ND	ND	2790	36C	ND	ND
1,1,1-Trichloroethane	200	200	18100	3800C	2700C	12400	1200C	4500P	590P	22800	3100C	5500P	3200P
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	11900	6200C	2900C	12100	2500C	6900P	1200P	26600	6500C	11000P	3800P
Dibromochloromethane	100	100	ND	3.2C	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	2.2C	ND	ND	ND	4.4C	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	2480	25C	ND	1260	200C	610P	70P	ND	7.6C	ND	ND
Chlorobenzene	30	NE	ND	9.2C	ND	ND	ND	ND	ND	ND	8.2C	ND	ND
1,3-Dichlorobenzene	130	NE	ND	1.8C	ND	ND	ND	ND	ND	ND	6.4C	ND	ND
1,2-Dichlorobenzene	130	NE	ND	5.1C	ND	ND	ND	ND	ND	ND	2.5C	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	2.0C	ND	ND	ND	ND	ND	ND	1.4C	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-15	MW-15	MW-15	MW-15	MW-16D	MW-16S	MW-17D	MW-17D	MW-17D	MW-17D	MW-17D
Date Sampled			06/16/85	04/06/88	07/22/88	10/20/88	06/14/85	05/30/85	05/30/85	05/30/85	05/14/87	08/11/87	10/22/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			06/19/85		07/26/88	10/21/88	06/19/85	05/31/85	05/31/85	05/31/85	05/18/87	08/17/87	10/27/87
Lab			RAS	CES	SAC	SAC	RAS	RAS	RAS	RAS	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	1.5C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	1790	0.7C	ND	ND	ND	2.4	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	16500	83C	800C	850C	ND	ND	ND	ND	ND	ND	0.32C
1,1-Dichloroethane	20	NE	1780	24C	ND	13C	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	4.1C	ND	ND	ND	ND	ND	ND	ND	ND	0.22C
Chloroform	100	100	ND	2.7C	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	6.8C	5.6C	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	4100	110C	110C	300C	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	18000	550C	590C	400C	ND	ND	ND	ND	ND	ND	0.39C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-17D	MW-17D	MW-17D	MW-17D	MW-17S	MW-17S	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D
Date Sampled			01/27/88	04/08/88	07/21/88	10/18/88	06/05/85	06/05/85	06/14/85	03/28/86	10/01/86	01/12/87	04/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/29/88	04/11/88	07/25/88	10/20/88	06/07/85	06/07/85	06/19/85	04/01/86	10/02/86	01/19/87	05/01/87
Lab			SAC	SAC	SAC	SAC	RAS	RAS	RAS	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	16	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.13	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	0.4	0.25	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

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SAC = Radian Analytical Services, Sacramento

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LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18S	MW-19D	MW-19D	MW-19D
Date Sampled			08/11/87	08/11/87	10/08/87	01/22/88	04/27/88	07/18/88	10/10/88	06/06/85	06/16/85	04/08/88	10/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/17/87	08/17/87	10/13/87	01/25/88	05/02/88	07/19/88	10/14/88	06/07/85	06/19/85	04/11/88	10/24/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS	RAS	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB									
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25C	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	0.10C	ND	0.12P	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND

ALL UNITS ARE ug/l

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LDB = Second laboratory duplicate analysis

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19S	MW-19S	MW-19S	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D
Date Sampled			06/14/85	03/13/86	10/16/86	06/18/85	05/06/86	05/06/86	10/27/86	01/29/87	05/05/87	07/28/87	10/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	USAF	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			06/19/85	03/19/86	10/20/86	06/21/85	05/16/86	05/16/86	10/28/86	01/30/87	05/06/87	07/29/87	10/13/87
Lab			RAS	SAC	SAC	RAS	ANLAB	ANLAB	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	0.63C	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	0.9	0.8	1.2C	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	0.19C	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	4.3	2.6	8.2C	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20S	MW-20S	MW-20S	MW-21D	MW-21D
Date Sampled			01/22/88	04/11/88	04/11/88	04/11/88	07/13/88	10/07/88	06/03/85	05/06/86	10/27/86	06/03/85	03/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN
Date Analyzed			01/26/88		04/13/88	04/13/88	07/14/88	10/10/88	06/04/85	05/16/86	10/28/86	06/04/85	03/20/86
Lab			SAC	CES	SAC	SAC	SAC	SAC	RAS	ANLAB	SAC	RAS	SAC
Field Analysis					FDA	FDB							
Lab Analysis													LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	4.7	0.35C	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	3.4C	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	3.2	ND	0.91C	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	2.3	3.0	ND	0.8	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.40C	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

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FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (D 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D
Date Sampled			03/19/86	09/30/86	01/21/87	05/01/87	08/14/87	08/14/87	10/17/87	01/25/88	04/13/88	04/13/88	07/18/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/26/86	10/01/86	01/26/87	05/05/87	08/19/87	08/19/87	10/20/87	01/27/88	04/14/88	04/15/88	07/19/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis			LDB				LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21D	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S
Date Sampled			10/18/88	06/20/85	03/19/86	09/30/86	01/30/87	05/01/87	08/14/87	10/17/87	01/25/88	01/25/88	01/25/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/19/88	06/24/85	03/21/86	10/01/86	02/04/87	05/05/87	08/19/87	10/20/87		01/27/88	01/27/88
Lab			SAC	RAS	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	2.2(4.2)	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	0.2	0.93	ND	1.4C	1.3C	0.74C	ND	0.60C	0.58C
Chloroform	100	100	ND	ND	0.1	0.19	ND	ND	ND	0.13C	ND	0.16PC	0.13PC
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	2.1	0.2	0.99	ND	ND	1.9C	0.40C	0.6	0.48PC	0.44PC
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	0.12	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21S	MW-21S	MW-21S	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D
Date Sampled			04/13/88	07/26/88	10/21/88	06/20/85	05/06/86	10/29/86	01/23/87	05/06/87	08/06/87	10/14/87	10/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/15/88	07/27/88	10/24/88	06/24/85	05/16/86	10/30/86	01/29/87	05/11/87	08/10/87	10/16/87	11/09/87
Lab			SAC	SAC	SAC	RAS	ANLAB	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	13.7	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	297	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	16.7	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.66PC	1.3P	0.59C	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	0.14PC	0.24P	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	133	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.57PC	1.1P	0.45C	213	15	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	13.5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	6.5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22S	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D
Date Sampled			01/19/88	04/25/88	04/25/88	07/14/88	10/17/88	05/06/86	06/10/85	03/17/86	03/17/86	10/16/86	01/22/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/88	04/27/88	04/27/88	07/18/88	10/18/88	05/16/86	06/12/85	03/20/86	03/20/86	10/20/86	01/28/87
Lab			SAC	SAC	SAC	SAC	SAC	ANLAB	RAS	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB					FDA	FDB		
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	2.5	3.7(4.2)	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.27	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48B	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	68	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23S	MW-24D
Date Sampled			05/05/87	08/12/87	08/12/87	10/25/87	01/21/88	04/21/88	04/21/88	07/21/88	10/19/88	06/03/85	06/07/85
Sampled by			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/06/87	08/18/87	08/18/87	10/29/87	01/22/88	04/25/88	04/26/88	07/25/88	10/20/88	06/04/85	06/12/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	RAS	RAS
Field Analysis													
Lab Analysis				LDA	LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	0.30C	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D
Date Sampled			03/20/86	09/26/86	09/26/86	01/22/87	05/05/87	08/13/87	10/25/87	01/19/88	04/21/88	07/12/88	10/05/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/26/86	09/29/86	09/29/86	01/27/87	05/06/87	08/17/87	10/29/87	01/20/88	04/25/88	07/14/88	10/06/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	1.6	0.98	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-24S	MW-25D	MW-25D	MW-25S	MW-26D	MW-26D	MW-26S	MW-27D	MW-27D	MW-27D	MW-27D
Date Sampled			06/02/85	06/13/85	10/21/88	05/30/85	06/18/85	10/25/88	06/02/85	05/30/85	05/13/87	08/11/87	08/11/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			06/04/85	06/18/85	10/24/88	05/31/85	06/21/85	10/26/88	06/04/85	05/31/85	05/19/87	08/17/87	08/17/87
Lab			RAS	RAS	SAC	RAS	RAS	SAC	RAS	RAS	SAC	SAC	SAC
Field Analysis												FDA	FDB
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	3.8	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	0.89C	ND	ND	ND	ND	ND	18C	30C	23C
Chloroform	100	100	ND	ND	0.23C	ND	2.5	0.69C	3.7	ND	15C	8.9C	8.0C
1,2-Dichloroethane	1	5	ND	ND	0.15C	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	2.6	ND	6.5	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	27C	13C	14C
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	2.9	1.0C	2.4	8.7	5.7C	21.3	4.6	195C	76C	71C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D
Date Sampled			10/22/87	10/22/87	01/26/88	01/26/88	04/08/88	04/08/88	07/20/88	07/20/88	07/20/88	07/20/88	10/24/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/28/87	10/28/87	01/28/88		04/11/88		08/12/88	07/22/88	07/22/88	07/25/88	10/26/88
Lab			SAC	SAC	SAC	CES	SAC	CES	CES	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB						FDA	FDA	FDB	
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	0.92C(1.32)	1.1C(1.32)	ND	ND	ND	ND	ND	ND	ND	2.9P	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	23C	26C	16C	ND	28PC	ND	ND	26C	30C	34P	20P
Chloroform	100	100	8.3C	8.8C	8.2C	9.5	16PC	8.0C	13C	15C	15C	22P	8.5P
1,2-Dichloroethane	1	5	0.69C	0.74C	0.41C	ND	0.98PC	ND	ND	1.7C	2.7C	0.88P	0.5P
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	9.1C	9.6C	5.1C	5.9	9.1PC	ND	ND	8.8C	10C	11P	8.7P
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	39C	40C	35C	53.	56PC	52C	56C	73C	63C	91P	67P
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-27S	MW-28D	MW-28D	MW-28D	MW-28D	MW-28D	MW-28D	MW-28D	MW-28D	MW-28D	MW-29D
Date Sampled			06/05/85	06/16/85	05/15/87	08/07/87	10/23/87	01/27/88	04/13/88	04/13/88	07/21/88	10/13/88	06/17/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			06/10/85	06/20/85	05/19/87	08/13/87	10/29/87	01/29/88	04/14/88	04/14/88	07/25/88	10/17/88	06/20/85
Lab			RAS	RAS	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS
Field Analysis													FDA
Lab Analysis									LDA	LDB			
Chloroethane		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	Ne	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	6	7	ND	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	18.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	63.4	8.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D
Date Sampled			06/17/85	04/03/86	04/03/86	10/01/86	01/15/87	04/29/87	04/29/87	08/12/87	10/24/87	01/19/88	01/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			06/19/85	04/25/86	04/08/86	10/02/86	01/21/87	05/01/87	05/01/87	08/18/87	10/29/87	01/20/88	
Lab			RAS	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis			FDB	FDA	FDB								
Lab Analysis								LDA	LDB				
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	270	230	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29D	MW-29D	MW-29D	MW-30S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S
Date Sampled			04/12/88	07/12/88	10/13/88	06/13/85	06/11/85	03/28/86	10/08/86	10/08/86	01/22/87	04/29/87	08/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/14/88	07/14/88	10/17/88	06/18/85	06/18/85	04/01/86	10/10/86	10/10/86	01/28/87	05/01/87	08/18/87
Lab			SAC	SAC	SAC	RAS	RAS	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis									LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	0.50	0.85	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	2U	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	0.1	ND	0.12	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-31S	MW-31S	MW-31S	MW-31S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S
Date Sampled			10/27/87	01/27/88	01/27/88	04/13/88	06/07/85	06/07/85	05/06/86	10/30/86	01/29/87	01/29/87	04/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/30/87	01/29/88	01/29/88	04/14/88	06/12/85	06/12/85	05/16/86	11/03/86	02/03/87	01/30/87	04/17/87
Lab			SAC	SAC	SAC	SAC	RAS	RAS	ANLAB	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB			FDA	FDB	FDA
Lab Analysis				LDA	LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	2.9NC	10C	15DL	10DL
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.2C	ND	4.0C
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11DL
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	2.6NC	4.1C	4.6DL	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	2.7NC	4.8C	5.9DL	8.1DL
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	780	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	45	42C	45C	45C	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	52	62C	88C	79C	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.27DL	0.49DL
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41DL
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	[illegible]	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	3	ND	18DL	19DL	23DL
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	22600	21500	29000	25000C	22000C	27000C	25000C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	17C	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	18NC	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.8DL	8.7DL
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	1.2NC	1.1C	1.4DL	2.2DL
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	3.8NC	5.5C	5.1DL	8.6DL
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	11NC	25C	23DL	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	6.2NC	5.5C	6.1DL	15DL
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

NC = Result was not confirmed in second column analysis
ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S
Date Sampled			04/16/87	07/31/87	07/31/87	09/17/87	10/26/87	01/08/88	04/25/88	04/25/88	07/21/88	07/21/88	07/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/17/87	08/05/87	08/05/87	09/21/87	10/29/87	01/11/88	04/27/88	05/03/88	08/10/88	07/25/88	07/25/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	CES	SAC	SAC
Field Analysis			FDB	FDA	FDB							FDA	FDA
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	47DL	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	11DL	ND	ND	5.1DL	ND	ND	ND	4.9C	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	3.8DL	ND	ND	4.6DL	ND	ND	ND	6.7C	860C	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	3.5DL	ND	ND	ND	1.7C	ND	ND	ND
1,1-Dichloroethane	20	NE	8.1DL	ND	ND	3.1DL	ND	ND	ND	2.7C	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	690C	630C	430DL	430C	470C	460C	ND	ND	530C	540C
Chloroform	100	100	ND	ND	ND	42DL	ND	ND	ND	91C	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	140DL	ND	ND	400C	450C	ND	490C	530C
1,1,1-Trichloroethane	200	200	0.27DL	280C	ND	45DL	ND	ND	ND	1.4C	ND	ND	ND
Carbon tetrachloride	5	5	0.31DL	ND	ND	22DL	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	22DL	ND	ND	13DL	ND	ND	ND	19C	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	24000C	45000C	52000C	20000C	35000C	22000PC	24000C	26000C	38000C	30000C	32000C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	8.5DL	ND	ND	6.9DL	ND	ND	ND	26C	ND	ND	ND
Chlorobenzene	30	NE	2.3DL	ND	ND	0.86DL	ND	ND	ND	24C	ND	ND	ND
1,3-Dichlorobenzene	130	NE	7.9DL	ND	ND	5.8DL	ND	ND	ND	4.0C	ND	ND	ND
1,2-Dichlorobenzene	130	NE	32DL	ND	ND	19DL	ND	ND	ND	32C	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	14DL	ND	ND	7.1DL	ND	ND	ND	6.4C	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
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LDB = Second laboratory duplicate analysis

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CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
P or PC = Identity previously confirmed
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-33S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S
Date Sampled			07/21/88	10/18/88	06/06/85	03/31/86	09/17/86	01/14/87	04/16/87	04/16/87	07/30/87	10/21/87	01/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/25/88	10/21/88	06/07/85	04/03/86	09/23/86	01/20/87	04/17/87	04/17/87	08/03/87	10/23/87	01/14/88
Lab			SAC	SAC	RAS	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB						FDA	FDB			
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	0.6NC	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	12	860BC	ND	ND	ND	2.2C	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	34.2	26	41C	108	72C	66C	150C	35C	24C
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24C
1,1-Dichloroethane	20	NE	440C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	500C	360P	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	0.42C	0.39C	ND	0.20C	ND
1,2-Dichloroethane	1	5	ND	400P	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14C	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	28000C	27000P	2.9	1.8	2.2NC	ND	3.7C	3.4C	5.3C	1.8C	1.9C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	0.15NC	ND	0.30C	ND	ND	0.35C	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
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FDB = Second field duplicate analysis

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RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

NC = Result was not confirmed in second column analysis
ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-38D	MW-40S	MW-41S	MW-41S
Date Sampled			04/11/88	04/11/88	07/11/88	07/11/88	07/11/88	07/11/88	10/25/88	06/19/85	06/02/85	06/10/85	03/13/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/12/88	04/12/88	08/02/88	07/13/88	07/13/88	07/14/88	10/26/88	06/21/85	06/04/85	06/12/85	03/19/86
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	RAS	RAS	PAS	SAC
Field Analysis			FDA	FDB		FDA	FDA	FDB					
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	2230	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	22C	20C	20C	21C	18C	21C	15P	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	11500	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	4430	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	7020	ND	ND	ND
Chloroform	100	100	0.26C	0.22C	ND	ND	ND	ND	ND	ND	13.5	ND	1.4
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	300	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	1870	ND	2.3	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	2.5C	2.6C	ND	2.5C	2.1C	2.5C	1.6P	296	190	23.2	20
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	213	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	0.25C	0.22C	0.23C	ND	260	ND	3.3	0.6
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	147	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S
Date Sampled			11/18/86	11/18/86	01/15/87	01/15/87	04/24/87	04/24/87	08/05/87	10/20/87	10/20/87	10/20/87	01/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/21/86	11/21/86	01/22/87	01/22/87	04/28/87	04/28/87	08/07/87	11/24/87	10/27/87	10/22/87	01/28/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis			FDA	FDB	FDA	FDB					FDA	FDB	
Lab Analysis							LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	2.9C	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	24C	24C	20C	ND	17C	15C	17C
Chloroform	100	100	1.1DL	ND	1.0C	1.0C	1.8DL	1.4DL	1.0C	ND	1.0C	1.4C	0.92PC
1,2-Dichloroethane	1	5	ND	ND	ND	ND	0.99DL	0.28DL	ND	ND	2.1C	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	0.25DL	ND	ND	0.71DL	0.56DL	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	0.19DL	0.10DL	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	44C	43C	37C	37C	91C	80C	130C	110	81C	100C	140PC
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	0.18DL	ND	ND	ND	0.75DL	0.74DL	ND	ND	3.2C	ND	6.2PC
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-42S	MW-42S	MW-43S	MW-44S
Date Sampled			01/26/88	04/18/88	07/13/88	07/13/88	07/13/88	07/13/88	10/07/88	06/02/85	06/02/85	05/31/85	03/21/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				04/21/88	08/09/88	07/14/88	07/14/88	07/14/88	10/17/88	06/04/85	06/10/85	06/04/85	04/01/86
Lab			CES	SAC	CES	SAC	SAC	SAC	SAC	RAS	RAS	RAS	SAC
Field Analysis						FDA	FDA	FDB		FDA	FDB		
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	22PC	ND	23P	25P	23P	11P	ND	ND	ND	ND
Chloroform	100	100	1.4	0.48PC	ND	1.7P	1.7P	1.7P	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	190.	220PC	1100C	980P	920P	870P	2900P	0.7	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	4.9	10PC	ND	52P	57P	42P	370P	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S
Date Sampled			09/17/86	01/12/87	05/06/87	08/13/87	10/23/87	10/23/87	01/22/88	04/26/88	07/20/88	07/20/88	10/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/23/86	02/05/87	05/11/87	08/18/87	10/29/87	10/29/87	01/26/88	04/28/88	07/22/88	07/22/88	10/10/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis							LDA	LDB			LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	0.55C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	0.55C	ND	ND	8.5C	3.3C	3.3C	3.3C	2.8PC	4.8P	ND	5.6C
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.5C	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	0.40C	0.44C	0.63C	0.50PC	0.95P	1.1C	0.90C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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SAC = Radian Analytical Services, Sacramento

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NA = Not analyzed
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LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-45S	MW-45S	MW-46S	MW-47S	MW-49S	MW-51	MW-51	MW-51	MW-51	MW-51
Date Sampled			10/06/88	06/04/85	05/06/86	06/03/85	06/04/85	07/25/88	11/22/86	01/14/87	04/23/87	08/03/87	10/15/87
Sampled By			RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/07/88	06/05/85	05/16/86	06/04/85	06/05/85	07/26/88	11/25/86	01/19/87	04/27/87	08/06/87	10/19/87
Lab			SAC	RAS	ANLAB	RAS	RAS	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	1.5C
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	3.5P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.69P	4.1	14	2.7	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
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P or PC = Identity previously confirmed
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-51	MW-51	MW-51	MW-51	MW-51	MW-51	MW-52	MW-52	MW-52	MW-52	MW-52
Date Sampled			01/11/88	01/11/88	04/08/88	04/08/88	07/07/88	10/07/88	11/24/86	01/29/87	05/11/87	07/27/87	10/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/12/88	01/12/88	04/12/88		07/08/88	10/10/88	12/01/86	01/29/87	05/13/87	07/28/87	10/19/87
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	0.53C	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	2.1C	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-52	MW-52	MW-52	MW-52	MW-53	MW-53	MW-53	MW-53	MW-53	MW-53	MW-53
Date Sampled			01/07/88	04/07/88	07/05/88	10/18/88	11/21/86	01/20/87	05/08/87	07/28/87	10/21/87	01/06/88	01/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/08/88	04/08/88	07/06/88	10/19/88	11/25/86	01/23/87	05/12/87	07/29/87	10/23/87	01/07/88	01/08/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	1.9C	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	2.1C	13C	8.7PC	11PC
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	2.9C	1.3PC	1.5PC
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	3.4C	2.3PC	2.7PC
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.27C	0.16PC	0.18PC
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-53	MW-53	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54
Date Sampled			04/07/88	07/05/88	11/20/86	01/15/87	04/27/87	04/27/87	04/27/87	08/10/87	08/10/87	10/19/87	10/19/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/08/88	07/06/88	12/03/86	01/22/87	05/06/87	05/06/87	05/06/87	08/14/87	08/17/87	10/23/87	10/23/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDA	FDB	FDA	FDB	FDA	FDB
Lab Analysis							LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	1200C	1224C	180C	160C	190C	14C	17C	40C	39C
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	61DL	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	2.5PC	12P	430C	171C	52C	51C	52C	8.9C	11C	22C	19C
1,1-Dichloroethane	20	NE	ND	ND	1400C	549C	150C	140C	150C	16C	20C	10C	8.7C
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	6.6C	62C	5.7C	0.64C	0.62C	5.7C	5.4C
Chloroform	100	100	ND	ND	1.8DL	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	39DL	14C	ND	ND	ND	0.23C	ND	1.2C	1.0C
1,1,1-Trichloroethane	200	200	0.22PC	1.3P	19DL	ND	ND	ND	ND	ND	ND	0.58C	0.30C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	0.24DL	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.32PC	2.9P	9.0DL	3.9C	ND	ND	ND	ND	ND	1.7C	1.8C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	38DL	ND	ND	ND	ND	ND	ND	0.86	0.80C
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethan.	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	0.22P	4.1DL	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	2.0DL	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29C	0.30C
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	57DL	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-54	MW-54	MW-54	MW-54	MW-54	MW-54	MW-55	MW-55	MW-55	MW-55	MW-55
Date Sampled			01/06/88	01/06/88	04/06/88	04/06/88	07/11/88	10/14/88	11/22/86	01/05/87	04/20/87	04/20/87	04/20/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/07/88	01/07/88	04/07/88		07/12/88	10/21/88	12/03/86	01/08/87	04/23/87	04/23/87	04/23/87
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB							FDA	FDB	FDB
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	5.0C	3.6PC	ND	ND	2.9C	ND	0.34DL	0.34DL	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	320C	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	0.11DL	ND	ND	ND	ND
1,1-Dichloroethene	6	7	8.2C	8.5PC	0.36PC	ND	100C	ND	210C	160C	110C	310C	290C
1,1-Dichloroethane	20	NE	2.9C	2.6PC	0.39PC	1.1C	7.6C	0.74P	14C	18C	16C	13C	15C
Total 1,2-Dichloroethene	16	NE	0.78C	0.76C	ND	ND	7.0C	ND	ND	27	11C	9.9C	7.38C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	0.57DL	ND	ND	ND
1,2-Dichloroethane	1	5	0.17C	0.16PC	ND	ND	1.0C	ND	2.9DL	2.9	0.93DL	0.70DL	0.79C
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	0.46C	ND	15C	41C	69C	58C	55C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	1.5DL	ND	ND	ND
Trichloroethene	5	5	1.4C	1.4PC	ND	ND	7.3C	ND	110C	70C	33C	29C	51C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	1.3C	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	13C	46C	47C	38C	35C
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	0.1DL	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LCQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	0.27DL	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
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FDB = Second field duplicate analysis
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55
Date Sampled			08/13/87	10/14/87	10/14/87	01/11/88	04/08/88	04/08/88	07/11/88	07/11/88	07/11/88	07/11/88	10/04/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/18/87	10/18/87	11/09/87	01/12/88	04/13/88	04/13/88	08/16/88	07/12/88	07/12/88	07/12/88	10/05/88
Lab			SAC	SAC	CES	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB		FDA	FDA	FDB	FDA
Lab Analysis										LDA	LDB		
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoroethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	130C	24C	18.0	33C	11PC	13PC	31C	52P	49P	51P	61P
1,1-Dichloroethane	20	NE	13C	4.0C	6.6	3.7C	1.0PC	1.2PC	3.9C	3.7P	3.7P	3.9P	5.2P
Total 1,2-Dichloroethene	16	NE	7.5C	5.7C	ND	12C	6.5PC	7.4PC	ND	25P	28P	27P	41P
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	0.95C	ND	1.1C	0.27PC	0.34PC	0.6C	1.0P	1.0P	0.96P	1.5P
1,1,1-Trichloroethane	200	200	71C	34C	17.0	10C	5.5PC	5.2PC	0.8C	2.1P	1.8P	2.8P	2.9P
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	37C	7.0C	6.9	11C	4.2PC	4.6PC	10C	19P	17P	18P	14P
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	25C	7.9	6.8C	2.8PC	3.0PC	0.8C	1.7P	1.6P	1.7P	1.4P
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l

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LDB = Second laboratory duplicate analysis

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-57	MW-57	MW-57	MW-57	MW-57	MW-57	MW-57	MW-57	MW-57	MW-57
Date Sampled			10/04/88	11/19/86	01/13/87	04/28/87	04/28/87	07/30/87	10/12/87	01/08/88	04/22/88	07/06/88	10/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/05/88	11/22/86	01/20/87	04/30/87	04/30/87	08/03/87	10/14/87	01/11/88	04/26/88	07/07/88	10/17/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB			FDA	FDB						
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	1.9C	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	60P	2.3C	13C	ND	ND	1.6C	1.2C	3.6C	0.31PC	ND	0.36P
1,1-Dichloroethane	20	NE	5.1P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	40P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	1.4P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	2.6P	ND	0.88C	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	14P	2.5C	14C	ND	ND	ND	0.58C	2.3C	ND	ND	0.35P
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	1.5P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l
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FDA = First field duplicate analysis
FDB = Second field duplicate analysis

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-58	MW-58	MW-58	MW-58	MW-58	MW-58	MW-58	MW-58	MW-58	MW-58	MW-58
Date Sampled			11/21/86	01/19/87	01/19/87	01/19/87	04/30/87	08/06/87	10/13/87	01/11/88	04/06/88	04/06/88	07/07/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/25/86	01/22/87	01/22/87	01/22/87	05/05/87	08/10/87	10/16/87	01/12/88	04/07/88	04/07/88	07/08/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB	FDB							
Lab Analysis					LDA	LDB					LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	1.3C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	1.7C	3.3C	2.9C	3.2C	ND	ND	ND	0.27C	0.55C	0.49C	0.14C
1,1-Dichloroethane	20	NE	2.0C	0.32C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	0.36C	2.4C	2.1C	2.2C	2.3C	ND	ND	0.25C	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.62C	1.4C	1.2C	1.5C	1.5C	ND	ND	ND	0.24C	0.26C	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-58	MW-59	MW-59	MW-59	MW-59	MW-59	MW-59	MW-59	MW-59	MW-59	MW-59
Date Sampled			10/17/88	04/02/86	11/18/86	01/12/87	01/12/87	04/21/87	04/21/87	08/10/87	08/10/87	10/09/87	01/08/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/18/88	04/05/86	11/21/86	01/20/87	01/20/87	04/23/87	04/23/87	08/17/87	08/17/87	10/12/87	01/11/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB	FDA	FDB	FDA	FDB		
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	520C	ND	ND	ND	ND	0.87C(1.32)	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	0.27DL	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	11	270C	58C	99C	47C	50C	19C	15C	15C	3.1PC
1,1-Dichloroethane	20	NE	ND	ND	1.7DL	ND	ND	ND	ND	ND	ND	0.13C	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	2.6DL	ND	ND	ND	ND	0.15C	0.34C	ND	ND
Chloroform	100	100	ND	ND	0.85DL	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	1.1	19C	5.3C	8.1C	3.2C	3.3C	1.0C	0.90C	ND	0.21PC
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	12	290C	71C	108C	38C	40C	13C	11C	6.2C	2.3PC
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	0.10DL	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-59	MW-59	MW-59	MW-59	MW-60	MW-60	MW-60	MW-60	MW-60	MW-60	MW-60
Date Sampled			04/08/88	04/08/88	07/06/88	10/11/88	05/06/86	10/28/86	01/13/87	04/24/87	08/13/87	10/25/87	01/22/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/12/88		07/07/88	10/12/88	05/16/86	10/29/86	01/19/87	04/28/87	08/18/87	10/29/87	01/25/88
Lab			SAC	CES	SAC	SAC	ANLAB	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	0.53PC	0.7C	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.49PC	0.9C	ND	0.23P	5.0	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
ANLAB = Anlab Analytical Lab
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-60	MW-60	MW-60	MW-60	MW-61	MW-61	MW-61	MW-61	MW-61	MW-61	MW-61
Date Sampled			01/22/88	04/18/88	07/20/88	10/10/88	03/19/86	12/01/86	01/29/87	05/07/87	05/07/87	08/07/87	10/13/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				04/21/88	07/22/88	10/11/88	03/21/86	12/04/86	01/30/87	05/12/87	05/12/87	08/11/87	10/16/87
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	0.16C	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	3.1	7.4	22C	15C	23C	14C	5.3C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	0.3	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	3.3	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-61	MW-61	MW-61	MW-61	MW-61	MW-62	MW-62	MW-62	MW-63	MW-63	MW-63
Date Sampled			01/19/88	01/19/88	04/22/88	07/20/88	10/07/88	04/26/88	07/26/88	10/07/88	04/02/86	04/02/86	04/02/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/88	01/20/88	04/26/88	07/22/88	10/10/88	04/28/88	07/27/88	10/10/88	04/05/86	04/05/86	04/05/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	FDB
Lab Analysis			LDA	LDB								LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.32C	0.34C	0.23PC	0.15P	ND	0.12C	0.30P	0.18P	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	0.4	0.4	0.4
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	4.3C	4.1C	5.2PC	7.9P	7.3C	0.44C	1.3P	0.39P	40	36	36
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-64
Date Sampled			11/25/86	11/25/86	01/27/87	05/11/87	08/14/87	10/22/87	01/23/88	04/15/88	07/15/88	10/07/88	10/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/02/86	12/02/86	02/02/87	05/13/87	08/20/87	10/29/87	01/25/88	04/20/88	07/20/88	10/10/88	10/27/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	3.2C	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	0.25C	0.24C	ND	ND	ND	ND	0.76C	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	0.15DL	0.15DL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	65C	68C	52C	43C	33PC	46P	46P	ND
Chloroform	100	100	0.13DL	0.15DL	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	0.78C	ND	0.69P	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	0.11DL	0.11DL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	20C	24C	41C	210C	190C	52C	69C	44PC	91P	58P	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67
Date Sampled			03/20/86	10/17/86	01/23/87	05/06/87	08/15/87	10/20/87	10/20/87	01/26/88	01/26/88	04/26/88	07/15/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/26/86	10/21/86	01/29/87	05/11/87	08/19/87	10/27/87	11/24/87	01/28/88	01/28/88	04/28/88	07/18/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	0.72C(1.32)	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	0.30C	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-67	MW-68	MW-68	MW-68	MW-68	MW-68	MW-68	MW-68	MW-68	MW-69	MW-69
Date Sampled			10/11/88	05/13/87	08/07/87	10/23/87	01/25/88	04/08/88	04/08/88	07/20/88	10/25/88	11/25/86	01/28/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/12/88	05/18/87	08/10/87	10/29/87	01/27/88	04/11/88	04/11/88	07/22/88	10/24/88	12/02/86	01/30/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB				
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.60	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10C	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10C	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65C	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
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LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-69	MW-69	MW-69	MW-69	MW-69	MW-69	MW-69	MW-69	MW-70	MW-70	MW-70
Date Sampled			05/13/87	08/01/87	10/20/87	01/23/88	04/19/88	04/19/88	07/13/88	10/05/88	01/29/87	05/12/87	08/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/18/87	08/06/87	10/23/87	01/25/88	04/21/88	04/21/88	07/14/88	10/07/88	01/30/87	05/18/87	08/19/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	0.96C(1.32)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.79C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-70	MW-70	MW-70	MW-70	MW-70	MW-70	MW-71	MW-71	MW-71	MW-72	MW-72
Date Sampled			10/16/87	01/07/88	04/21/88	04/21/88	07/05/88	10/13/88	04/22/88	07/20/88	10/27/88	05/08/87	08/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/19/87	01/08/88	04/25/88	04/25/88	07/06/88	10/17/88	04/26/88	07/22/88	11/01/88	05/13/87	08/19/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	41C	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	0.27C	0.25PC	ND	ND	ND	ND	0.10C	ND	0.11C	550C	1900C
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.38C	64C	150C
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	48C	75C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	0.58C	0.52C	0.23C	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	28C	140C
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.9C	43C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	0.70C	0.71C	0.50C	410C	1200C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
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FDB = Second field duplicate analysis

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ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-72	MW-72	MW-72	MW-72	MW-72	MW-72	MW-72	MW-72	MW-72	MW-72	MW-74
Date Sampled			10/20/87	10/20/87	01/08/88	04/11/88	04/11/88	07/21/88	07/21/88	07/21/88	07/21/88	10/13/88	04/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/22/87	11/24/87	01/11/88	04/13/88		08/16/88	07/25/88	07/26/88	07/25/88	10/17/88	04/29/88
Lab			SAC	CES	SAC	SAC	CES	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDA	FDB		
Lab Analysis									LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	3.3PC	ND	ND	ND	ND	ND	ND	2.3C	ND
1,1-Dichloroethene	6	7	520C	320	930PC	800PC	650C	500C	760P	800P	790P	460C	12C
1,1-Dichloroethane	20	NE	50C	61	66PC	50PC	82C	65C	50P	56P	52P	44C	0.22C
Total 1,2-Dichloroethene	16	NE	74C	ND	99C	48PC	ND	ND	72P	80P	73P	49C	0.40C
Chloroform	100	100	3.2C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	120C	86	140PC	210PC	150C	120C	120P	150P	120P	80C	0.29C
1,1,1-Trichloroethane	200	200	23C	7	49PC	17PC	ND	ND	34P	47P	31P	18C	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	560C	580	870PC	1000PC	910C	820C	830P	960P	850P	520C	8.3C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	15PC	ND	ND	ND	ND	ND	11C	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
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CES = Canonie Environmental Services
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C = Analysis confirmed in second column analysis
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-74	MW-74	MW-74	MW-75	MW-75	MW-75	MW-76	MW-76	MW-76	MW-76	MW-88
Date Sampled			07/26/88	10/26/88	10/26/88	04/21/88	07/20/88	10/28/88	04/28/88	07/21/88	10/27/88	10/27/88	01/06/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/27/88	10/27/88	10/27/88	04/29/88	07/22/88	11/02/88	05/02/88	07/25/88	11/02/88	11/02/88	01/08/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB						FDA	FDB	
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	1.4C	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	12P	11P	12P	ND	ND	ND	200C	48C	33P	39P	1.1C
1,1-Dichloroethane	20	NE	0.21P	0.32P	0.39P	ND	ND	ND	16C	14C	9P	9.8P	ND
Total 1,2-Dichloroethene	16	NE	0.42P	0.24P	0.25P	0.32C	ND	1.2C	28C	14C	8.2P	8.6P	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	0.20P	ND	ND	ND	ND	ND	1.4C	ND	0.37P	0.38P	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	0.61C	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	4.6P	4.7P	5.4P	17C	26C	12C	3.6C	ND	0.60P	0.71P	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	1.4C	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	0.14C	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	0.22C	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	1.6C	1.4C	0.33C	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	0.36C	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	ND	ND	NA	NA	ND	NA	NA	ND	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-89	MW-89
Date Sampled			05/04/87	05/04/87	08/13/87	10/24/87	01/21/88	01/21/88	04/11/88	07/08/88	10/13/88	01/06/87	05/04/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/06/87	05/06/87	08/17/87	10/29/87	01/22/88	01/22/88	04/12/88	07/11/88	10/17/88	01/08/87	05/06/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis			LDA	LDB									
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	0.99B	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-89	MW-89	MW-89	MW-89	MW-89	MW-89	MW-90	MW-90	MW-90	MW-90	MW-90
Date Sampled			08/13/87	10/21/87	01/11/88	04/15/88	07/08/88	10/06/88	01/20/87	05/04/87	08/13/87	10/12/87	01/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/17/87	10/28/87	01/12/88	04/20/88	07/11/88	10/07/88	01/23/87	05/06/87	08/17/87	10/14/87	01/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	0.24C	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	0.75C	0.97C	1.1C	2.5C	ND	ND	1.6C	0.52C	0.21C
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-90	MW-90	MW-90	MW-90	MW-90	MW-91	MW-91	MW-91	MW-91	MW-91	MW-91
Date Sampled			04/11/88	04/11/88	04/11/88	07/14/88	10/11/88	01/20/87	01/20/87	04/21/87	07/28/87	10/12/87	10/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/12/88	04/12/88	04/12/88	07/15/88	10/12/88	01/26/87	01/26/87	04/22/87	07/29/87	10/13/87	10/13/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB	FDB			FDA	FDB			FDA	FDB
Lab Analysis				LDA	LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	14C	13C	14C	8.1C	3.0C	3.3C
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	0.21C	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	9.9C	9.5C	13C	18C	6.7C	6.4C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-91	MW-91	MW-91	MW-91	MW-92	MW-92	MW-92	MW-92	MW-92	MW-92	MW-92
Date Sampled			01/21/88	04/18/88	07/20/88	10/05/88	01/20/87	04/21/87	07/28/87	10/26/87	10/26/87	01/21/88	01/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/22/88	04/19/88	07/22/88	10/06/88	01/26/87	04/22/87	07/29/87	10/29/87	10/29/87	01/22/88	01/22/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB	FDA	FDB
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	1.3C	0.65PC	1.2C	0.74C	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.15C	0.12PC	0.12C	ND	ND	0.19C	ND	0.79C	0.84C	0.67C	0.76C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	6.6C	7.6PC	6.9C	3.8C	6.2C	7.9C	9.4C	3.8C	3.7C	4.4PC	3.7PC
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

C = Analysis confirmed in second column analysis

LOQ = Limit of quantitation

P or PC = Identity previously confirmed

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-92	MW-92	MW-92	MW-100	MW-100	MW-100	MW-100	MW-100	MW-100	MW-100	MW-100
Date Sampled			04/12/88	07/21/88	10/05/88	12/21/85	12/21/85	12/21/85	02/27/86	09/16/86	01/09/87	01/09/87	04/17/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/14/88	07/25/88	10/06/88	12/26/85	12/26/85	12/26/85	03/11/86	09/23/86	01/15/87	01/15/87	04/21/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDA	FDB					
Lab Analysis						LDA	LDB				LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.58C	0.74C	0.54P	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	4.1C	3.8C	3.25P	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-100	MW-100	MW-100	MW-100	MW-100	MW-100	MW-100	MW-101	MW-101	MW-101	MW-101
Date Sampled			08/07/87	08/07/87	10/19/87	01/22/88	04/14/88	07/19/88	10/11/88	11/18/85	11/18/85	03/05/86	09/16/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/13/87	08/11/87	10/21/87	01/26/88	04/18/88	07/21/88	10/12/88	11/24/85	11/24/85	03/10/86	09/23/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis										LDA	LDB		LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101
Date Sampled			09/16/86	01/09/87	04/17/87	08/05/87	08/05/87	08/05/87	10/19/87	01/22/88	04/14/88	04/14/88	07/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/23/86	01/15/87	04/21/87	08/07/87	08/07/87	08/07/87	10/21/87	01/26/88	04/18/88	04/18/88	07/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDA	FDB					
Lab Analysis			LDB			LDA	LDB				LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-101	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102
Date Sampled			10/11/88	11/04/85	03/11/86	09/18/86	01/09/87	04/22/87	08/07/87	08/07/87	08/07/87	10/19/87	10/19/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/12/88	11/11/85	03/17/86	09/23/86	01/15/87	04/27/87	08/11/87	08/11/87	08/11/87	11/03/87	10/21/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis									FDA	FDA	FDB		
Lab Analysis									LDA	LDB			LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	1.8(4.2)	ND	ND	ND	ND	ND	0.56C(1.32)	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	0.65	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-102	MW-102	MW-102	MW-102	MW-102	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103
Date Sampled			10/19/87	01/20/88	04/25/88	07/12/88	10/04/88	12/20/85	12/20/85	12/20/85	03/11/86	09/18/86	01/09/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/21/87	01/21/88	04/27/88	07/14/88	10/05/88	12/23/85	12/23/85	12/23/85	03/17/86	09/23/86	01/15/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB	FDB			
Lab Analysis			LDB						LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	390	350	>50	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethene	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYSES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-104
Date Sampled			04/22/87	04/22/87	08/04/87	10/19/87	01/20/88	04/25/88	04/25/88	04/25/88	07/12/88	10/04/88	12/15/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/27/87	04/27/87	08/07/87	10/21/87	01/21/88	04/27/88	04/27/88	04/27/88	07/14/88	10/05/88	12/21/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB	FDB			
Lab Analysis			LDA	LDB					LDA	LDB			LDA
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoroethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104
Date Sampled			12/15/85	03/26/86	10/02/86	01/28/87	05/11/87	05/11/87	07/31/87	07/31/87	10/21/87	01/21/88	04/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/21/85	04/01/86	10/06/86	01/29/87	05/13/87	05/13/87	08/04/87	08/04/87	10/22/87	01/22/88	04/12/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB				LDA	LDB	LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	870	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	0.38	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	[illegible]	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-104	MW-104	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105
Date Sampled			07/08/88	10/12/88	12/21/85	03/27/86	10/08/86	10/08/86	01/07/87	04/22/87	08/11/87	10/23/87	01/22/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/11/88	10/14/88	12/26/85	04/03/86	10/10/86	10/10/86	01/09/87	04/27/87	08/17/87	10/29/87	01/26/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					FDA
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	220	420	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	0.52	0.26	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.31C	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-105	MW-105	MW-105	MW-105	MW-106	MW-106	MW-106	MW-106	MW-106	MW-106	MW-106
Date Sampled			01/22/88	04/26/88	07/19/88	10/13/88	11/21/85	03/13/86	09/18/86	01/05/87	01/05/87	04/21/87	07/28/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/26/88	04/28/88	07/21/88	10/17/88	11/24/85	03/19/86	09/23/86	01/06/87	01/06/87	04/22/87	07/29/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-106	MW-106	MW-106	MW-106	MW-106	MW-106	MW-107	MW-107	MW-107	MW-107	MW-107
Date Sampled			10/09/87	01/25/88	04/18/88	04/18/88	07/13/88	10/05/88	11/07/85	04/01/86	09/19/86	01/07/87	04/23/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/12/87	01/27/88	04/19/88	04/19/88	07/14/88	10/06/88	11/12/85	04/05/86	09/24/86	01/09/87	04/24/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-107	MW-107	MW-107	MW-107	MW-107	MW-107	MW-108	MW-108	MW-108	MW-108	MW-108
Date Sampled			07/30/87	10/12/87	01/14/88	04/18/88	07/12/88	10/05/88	12/27/85	04/01/86	09/19/86	01/07/87	04/22/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/03/87	10/13/87	01/15/88	04/21/88	07/13/88	10/06/88	01/02/86	04/05/86	09/24/86	01/09/87	04/24/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	0.5AC(1.32)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	2.0	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	MW-109	MW-109	MW-109	MW-109	MW-109
Date Sampled			07/30/87	10/12/87	01/14/88	04/18/88	07/12/88	10/05/88	11/06/86	01/06/87	04/22/87	07/30/87	10/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/03/87	10/13/87	01/15/88	04/21/88	07/13/88	10/06/88	11/11/86	01/08/87	04/24/87	08/03/87	10/20/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	0.82C(1.32)	ND	ND	ND	ND	ND	ND	ND	ND	1.3C(1.32)	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	0.26	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-109	MW-109	MW-109	MW-109	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110
Date Sampled			01/14/88	04/18/88	07/12/88	10/05/88	11/06/85	03/31/86	09/19/86	01/05/87	04/23/87	07/29/87	10/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/15/88	04/21/88	07/14/88	10/06/88	11/11/85	04/03/86	09/24/86	01/06/87	04/24/87	07/30/87	10/23/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	15	ND	ND	ND	2.1C	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	0.67	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-111	MW-111	MW-111	MW-111	MW-111
Date Sampled			10/21/87	10/21/87	01/18/88	04/26/88	07/25/88	10/12/88	11/06/85	04/03/86	04/03/86	04/03/86	09/22/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analysed			10/22/87	11/09/87	01/19/88	04/28/88	07/26/88	10/17/88	11/11/85	04/08/86	04/08/86	04/08/86	09/24/86
Lab			CES	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDA	FDB	
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	0.3	0.3	0.3	0.18
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	0.3	0.2	0.2	0.30
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-112	MW-112
Date Sampled			01/09/87	04/23/87	07/29/87	10/19/87	01/15/88	01/15/88	04/26/88	04/26/88	07/12/88	12/20/85	04/02/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/16/87	04/24/87	07/30/87	10/21/87	01/18/88		04/28/88	04/28/88	07/14/88	12/26/85	04/06/86
Lab			SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis									LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	1.0C(1.32)	ND	ND	ND	ND	ND	ND	260	12
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	0.7	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	0.29C	0.72C	ND	0.50PC	0.50PC	1.7C	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	0.35C	ND	ND	0.60	ND	0.55PC	0.52PC	1.2C	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	0.36C	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	0.12C	ND	0.10PC	0.10PC	0.17C	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	1.1C	ND	0.39C	0.83C	0.9	1.1PC	0.86PC	1.4C	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento

CES = Cannonie Environmental Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

C = Analysis confirmed in second column analysis

LOQ = Limit of quantitation

P or PC = Identity previously confirmed

( ) = Data decision criterion (DDC). Indicates result below DDC.

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112
Date Sampled			09/22/86	09/22/86	01/09/87	04/24/87	07/29/87	07/29/87	10/19/87	10/19/87	01/15/88	04/26/88	07/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/24/86	09/24/86	01/16/87	04/27/87	07/30/87	07/30/87	10/21/87	11/03/87	01/18/88	04/28/88	07/12/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB			LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	1.4C	1.1C	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	1.4	0.86	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.15C	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	NE	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-113	MW-113	MW-113	MW-113	MW-113	MW-113	MW-113	MW-113	MW-114	MW-114	MW-114
Date Sampled			11/06/86	01/09/87	04/24/87	07/29/87	10/19/87	01/15/88	04/26/88	07/11/88	11/11/85	02/28/86	10/02/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/11/86	01/16/87	04/27/87	07/30/87	10/21/87	01/18/88	04/28/88	07/12/88	11/15/85	03/11/86	10/06/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13
Trichlorofluoromethane	3400	NE	0.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.31
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-115
Date Sampled			01/13/87	04/21/87	08/12/87	10/15/87	01/07/88	01/07/88	04/21/88	04/21/88	07/12/88	10/10/88	12/19/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/19/87	04/23/87	08/18/87	10/19/87	01/08/88		04/25/88	04/25/88	07/13/88	10/11/88	12/23/85
Lab			SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	1.3C(1.32)	ND	ND	ND	ND	ND	ND	680
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	0.16C	ND	0.15C	0.17C	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	0.30C	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Caronic Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
Date Sampled			03/06/86	10/09/86	01/19/87	04/20/87	07/27/87	07/27/87	10/08/87	01/07/88	01/07/88	04/22/88	07/18/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/17/86	10/13/86	01/22/87	04/23/87	07/28/87	07/28/87	10/09/87	01/08/88		04/26/88	07/19/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-115	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116
Date Sampled			10/03/88	11/11/85	11/11/85	11/11/85	02/28/86	02/28/86	09/26/86	01/14/87	04/27/87	08/03/87	10/09/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/04/88	11/15/85	11/15/85	11/15/85	03/11/86	03/11/86	09/29/86	01/19/87	04/30/87	08/06/87	10/12/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB	FDB							
Lab Analysis					LDA	LDB	LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.82C(1.32)	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	0.3	0.2	0.48	0.39C	ND	1.1C	0.32C
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	0.2	0.3	0.23	ND	0.47C	0.25C	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-116	MW-116	MW-116	MW-116	MW-117	MW-117	MW-117	MW-118	MW-118	MW-119	MW-119
Date Sampled			01/13/88	04/11/88	07/06/88	10/10/88	04/20/86	10/20/86	10/20/86	03/25/86	10/21/86	03/05/86	03/05/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/14/88	04/12/88	07/07/88	10/11/88	04/22/86	10/22/86	10/22/86	03/31/86	10/22/86	03/15/85	03/15/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB				
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	13B	14CB	ND	3.6B(1.32)	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	0.29PC	0.35PC	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	0.6	2.1C	2.3C	ND	0.95	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	0.2	ND	1.0C	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	0.15C	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	17	19C	21C	ND	1.0	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	0.12PC	0.17PC	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-119	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120
Date Sampled			10/20/86	04/20/86	10/13/86	10/13/86	01/20/87	01/20/87	04/20/87	08/08/87	10/22/87	01/23/88	01/23/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/22/86	04/22/86	10/17/86	10/17/86	01/26/87	01/23/87	04/23/87	08/10/87	10/27/87	01/25/88	01/25/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDA	FDB					
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	12B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	23C	ND	18C	10C	9.6C
Chloroform	100	100	ND	1.2	1.8C	1.9C	0.90C	0.85C	0.77C	0.68C	0.50C	0.34C	0.35C
1,2-Dichloroethane	1	[illegible]	ND	0.2	ND	ND	ND	ND	ND	ND	ND	0.19C	0.20C
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	24	20C	20C	19.32C	17.35	25C	26C	9.3C	8.8C	7.8C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-121	MW-121	MW-121	MW-121	MW-121
Date Sampled			04/13/88	07/11/88	07/11/88	07/11/88	07/11/88	10/12/88	02/26/86	10/13/86	01/23/87	04/25/87	08/01/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/15/88	08/02/88	07/12/88	07/12/88	07/12/88	10/14/88	03/10/86	10/16/86	01/29/87	04/28/87	08/10/87
Lab			SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDA	FDB						
Lab Analysis					LDA	LDB							
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	17PC	ND	11C	11C	11C	7.6C	ND	ND	ND	ND	ND
Chloroform	100	100	0.56PC	ND	0.34C	0.45C	0.38C	0.18C	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	0.24PC	ND	0.14C	0.16C	0.15C	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	12PC	12C	9.1C	9.8C	9.1C	6.2C	0.2	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-121	MW-121	MW-121	MW-121	MW-121	MW-122	MW-122	MW-122	MW-122	MW-122	MW-122
Date Sampled			10/22/87	01/23/88	04/20/88	07/11/88	10/19/88	02/26/86	11/12/86	01/26/87	05/07/87	08/08/87	10/22/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/27/87	01/29/88	04/22/88	07/12/88	10/20/88	03/10/86	11/20/86	01/29/87	05/12/87	08/10/87	10/27/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	0.14	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

B 087

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-122	MW-122	MW-122	MW-122	MW-123	MW-123	MW-124	MW-124	MW-124	MW-125	MW-126
Date Sampled			01/23/86	04/19/86	07/18/86	10/12/86	04/04/86	10/21/86	02/25/86	11/24/86	11/24/86	02/25/86	03/03/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/25/86	04/22/86	07/19/86	10/14/86	04/09/86	10/22/86	03/10/86	12/01/86	12/01/86	03/10/86	03/12/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	6.1	2.1BC(1.32)	1.5(4.2)	ND	ND	ND	3.0(4.2)
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	0.21C	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	4.9	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	0.2	0.76	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	3.1	7.1C	ND	ND	0.60	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-127	MW-127	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128
Date Sampled			03/04/86	10/24/86	12/05/86	01/16/87	04/16/87	04/16/87	08/12/87	09/17/87	10/23/87	01/13/88	04/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/14/86	10/29/86	12/09/86	01/21/87	04/17/87	04/17/87	08/18/87	09/22/87	10/30/87	01/14/88	04/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	1.2DL	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	2.6(4.2)	ND	ND	ND	5.1C	4.9C	ND	1.1DL	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	5.7DL	ND	ND	ND	ND	5.5DL	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	1.4DL	ND	1.2DL	1.2DL	ND	1.2DL	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	0.64	19DL	ND	25DL	ND	ND	40DL	ND	ND	53DC
Chloroform	100	100	ND	ND	48DL	ND	54DL	58DL	ND	57DL	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	41DL	ND	63DL	56DL	ND	75DL	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	14DL	ND	18DL	19DL	ND	16DL	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	1.3	41000C	28200C	27000C	55000C	68000C	36000C	27000C	19000PC	27000C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	0.15	ND	ND	19DL	23DL	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	5.1DL	4.9DL	ND	9.1DL	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	6.3DL	4.6DL	ND	3.7DL	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	5.7DL	4.4DL	ND	5.5DL	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-129	MW-129	MW-129	MW-129	MW-129
Date Sampled			04/12/88	07/12/88	07/12/88	07/12/88	07/12/88	10/20/88	12/05/86	01/16/87	04/15/87	08/12/87	10/23/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				08/02/88	07/13/88	07/13/88	07/13/88	10/21/88	12/09/86	01/21/87	04/16/87	08/18/87	10/29/87
Lab			CES	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDA	FDB						
Lab Analysis					LDA	LDB							
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	1.1C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	0.7C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	2.6C	ND	300C	300C	340C	200C	ND	ND	ND	ND	ND
Chloroform	100	100	300C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	9.6C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	7.7C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	25000C	45000C	30000C	30000C	34000C	14000C	130C	10C	48C	610C	45C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	10C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	9.7C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	1.8C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	1.2C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	1.1C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-129	MW-129	MW-129	MW-129	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130
Date Sampled			01/13/88	04/12/88	07/12/88	10/10/88	11/13/86	01/16/87	04/15/87	07/29/87	07/29/87	10/27/87	10/27/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/14/88	04/13/88	07/13/88	10/14/88	11/20/86	01/21/87	04/16/87	07/30/87	07/30/87	10/30/87	10/30/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB	FDA	FDB
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.1C(1.32)	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	3.2C	4.0C	6.1C	8.6C	7.8C	2.5C	2.3C
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	7.8C	7.9C	7.6C	11C	10C	2.5C	2.4C
Total 1,2-Dichloroethene	16	NE	ND	0.25C	ND	ND	ND	ND	ND	ND	ND	0.72C	0.72C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	0.43C	ND	ND	0.21C	0.28C
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	0.97C	0.80C	1.3C	1.2C	ND	0.85C	0.93C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	11C	27C	220C	93C	2.6C	1.9C	3.2C	4.0C	4.0C	1.2C	1.1C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-131	MW-131	MW-131
Date Sampled			01/13/88	04/12/88	07/12/88	07/12/88	07/12/88	07/12/88	10/10/88	10/10/88	11/19/86	11/19/86	01/19/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/14/88	04/13/88	08/02/88	07/14/88	07/14/88	07/14/88	10/11/88	10/11/88	12/02/86	12/02/86	01/22/87
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDA	FDB	FDA	FDB	FDA	FDB	FDA
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.8DL(1.32)	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	2.9PC	2.7PC	2.7C	3.4P	2.8P	3.0P	1.9P	2.0P	ND	ND	ND
1,1-Dichloroethane	20	NE	3.8PC	3.5PC	5.2C	4.6P	4.2P	4.7P	6.0P	6.0P	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.39C	0.58PC	ND	0.66P	0.60P	0.79P	0.41P	0.40P	5.6DL	6.8DL	6.1
Chloroform	100	100	0.29PC	0.20PC	ND	0.26P	0.24P	0.37P	0.19P	0.17P	0.17DL	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	0.61PC	0.51PC	ND	0.47P	0.44P	0.70P	0.61P	0.47P	ND	0.78DL	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	2.0PC	2.2PC	1.5C	2.7P	2.0P	2.2P	1.5P	3.7P	27C	29C	19C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW-140 and EW-141

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131
Date Sampled			01/19/87	04/28/87	08/07/87	10/14/87	10/14/87	01/19/88	04/13/88	04/13/88	07/13/88	07/13/88	07/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/22/87	04/30/87	08/13/87	10/16/87	10/16/87	01/20/88	04/14/88		08/12/88	07/15/88	07/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	CES	SAC	SAC
Field Analysis			FDB			FDA	FDB					FDA	FDB
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoroethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	6.0	11C	34C	22C	27C	14C	24PC	ND	ND	21C	21P
Chloroform	100	100	ND	ND	ND	ND	ND	0.30C	0.44PC	1.0C	ND	1.7C	1.1P
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	0.31C	0.45PC	ND	ND	1.0C	1.1P
1,1,1-Trichloroethane	200	200	ND	0.24C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	19C	30C	120C	40C	55C	32C	52PC	45C	83C	90C	95P
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-131	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132
Date Sampled			10/04/88	11/24/86	01/21/87	05/15/87	05/15/87	07/29/87	07/29/87	10/24/87	10/24/87	01/22/88	01/22/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/05/88	12/01/86	01/26/87	05/19/87	05/19/87	07/30/87	07/30/87	10/29/87	10/29/87	01/25/88	
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis						FDA	FDB	FDA	FDB	FDA	FDB		
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	0.26DL	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	0.33DL	ND	ND	ND	ND	ND	0.32C	ND	0.48PC	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	31P	19	ND	25C	32C	28C	26C	29C	ND	33C	ND
Chloroform	100	100	ND	0.51DL	ND	ND	ND	ND	ND	ND	ND	ND	0.9
1,2-Dichloroethane	1	5	ND	0.70DL	ND	ND	ND	ND	ND	ND	ND	0.90PC	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	72P	90C	62C	100C	110C	110C	110C	110C	130	77PC	51.0
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

CES = Canonie Environmental Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

C = Analysis confirmed in second colum analysis

LOQ = Limit of quantitation

DL = Diluted out of the confirmation run

P or PC = Identity previously confirmed

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-133	MW-133	MW-133
Date Sampled			04/20/88	04/20/88	07/18/88	07/18/88	07/18/88	07/18/88	10/13/88	10/13/88	02/08/88	04/14/88	07/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/22/88	05/03/88	08/01/88	07/19/88	07/19/88	07/19/88	10/17/88	10/17/88	02/10/88	04/15/88	07/12/88
Lab			SAC	CES	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDA	FDB	FDA	FDB			
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	22C	ND	ND	39P	36P	39P	32P	35P	ND	ND	ND
Chloroform	100	100	ND	1.0C	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	0.86P	0.74P	0.87P	0.79P	0.55P	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	48C	47C	85C	93P	83P	87P	95P	90P	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-133	MW-134	MW-134	MW-134	MW-134	MW-134	MW-135	MW-135	MW-135	MW-135	MW-136
Date Sampled			10/06/88	02/08/88	02/08/88	04/14/88	07/11/88	10/06/88	02/08/88	04/14/88	07/11/88	11/08/88	03/10/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/07/88	02/10/88	02/10/88	04/15/88	07/12/88	10/07/88	02/10/88	04/15/88	07/12/88	11/10/88	03/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	0.16C	0.4QP	0.5AP	7.5C	6.5PC	5.2C	4.6P	5.3C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	0.96C	1.2PC	1.6C	1.2P	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	0.74C	0.95PC	0.46C	0.39P	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	0.75C	2.9P	2.5P	30C	26PC	27C	25P	230C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	ND	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First Laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-136	MW-136	MW-136	MW-136	MW-136	MW-136	MW-138	MW-138	MW-138	MW-138	MW-138
Date Sampled			03/10/88	04/25/88	04/25/88	07/14/88	10/10/88	10/10/88	03/11/88	03/11/88	04/22/88	07/14/88	10/07/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				04/27/88	05/03/88	07/15/88	10/14/88	10/11/88	03/15/88	03/15/88	04/26/88	07/18/88	10/10/88
Lab			CES	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB	FDA	FDB			
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	5.1	ND	9C	7.4C	3.1P	4.2P	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	4.7	ND	ND	8.8C	6.1P	8.1P	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	230	220PC	230C	470C	260P	360P	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	NL	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

CES = Canonie Environmental Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

C = Analysis confirmed in second colum analysis

LOQ = Limit of quantitation

P or PC = Identity previously confirmed

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-139	MW-139	MW-139	MW-139	MW-142	MW-142	MW-142	MW-143	MW-143	MW-143	MW-143
Date Sampled			02/09/88	04/19/88	07/08/88	10/14/88	02/09/88	04/26/88	10/18/88	02/10/88	02/10/88	04/26/88	07/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/10/88	04/22/88	07/11/88	10/18/88	02/10/88	04/28/88	10/19/88	02/11/88	02/11/88	04/28/88	07/25/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	1.0C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	10C	6.8FC	13C	11P	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	2AC	16FC	2AC	3AP	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	1.1C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	1.8C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	89C	7AFC	83C	63P	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or FC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	TBS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-143	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000
Date Sampled			10/05/88	12/12/85	03/07/86	10/03/86	01/13/87	04/27/87	08/01/87	10/08/87	01/13/88	04/20/88	07/15/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/06/88	12/21/85	03/14/86	10/06/86	01/19/87	04/29/87	08/04/87	10/09/87	01/14/88	04/29/88	07/20/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	1.5C	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	0.69	ND	ND	2.8C	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	0.23	ND	25C	ND	ND	ND	ND	0.16C
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	0.83B	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	0.30	ND	0.94C	0.86C	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	0.11	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1000	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001
Date Sampled			10/04/88	12/18/85	04/04/86	10/15/86	01/26/87	05/08/87	08/08/87	10/09/87	10/09/87	01/20/88	01/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/05/88	12/23/85	04/09/86	10/20/86	01/29/87	05/12/87	08/10/87	10/12/87	10/12/87		01/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis													
Lab Analysis										LDA	LDB		LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	310	18	ND	ND	NR	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	0.56	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002
Date Sampled			01/20/88	04/27/88	04/27/88	07/22/88	10/18/88	11/07/85	11/07/85	04/02/86	04/02/86	09/25/86	02/04/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/21/88	04/29/88	04/29/88	07/26/88	10/19/88	11/12/85	11/12/85	04/06/86	04/06/86	09/26/86	02/06/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB					FDA	FDB		
Lab Analysis			LDB					LDA	LDB				
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.0BC(1.32)	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2C	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	2.4	2.3	1.0	0.9	3.3C	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	0.2	0.2	0.33C	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	1.1	1.1	0.9	0.9	1.7C	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1002	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002	MW-1003	MW-1003	MW-1003	MW-1003
Date Sampled			05/04/87	08/08/87	10/15/87	01/21/88	04/27/88	07/19/88	10/17/88	12/18/85	03/18/86	10/15/86	01/23/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/06/87	08/10/87	10/19/87	01/22/88	05/02/88	07/21/88	10/18/88	12/23/85	03/26/86	10/20/86	01/27/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	0.81C(1.32)	ND	ND	ND	ND	ND	ND	16C	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	0.65PC	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	1.8C	0.98C	0.96PC	ND	0.66C	0.40C	ND	ND	0.16C	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	0.16C	0.16PC	0.10PC	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	0.42C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1.2C	ND	0.32C	0.39PC	0.31PC	0.29C	0.25C	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1003	MW-1003	MW-1003	MW-1003	MW-1003	MW-1003	MW-1003	MW-1003	MW-1004	MW-1004	MW-1004
Date Sampled			05/08/87	08/08/87	08/08/87	10/09/87	01/20/88	04/27/88	07/22/88	10/18/88	12/18/85	12/18/85	03/18/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/12/87	08/11/87	08/11/87	10/12/87	01/21/88	04/29/88	07/26/88	10/19/88	12/23/85	12/23/85	03/20/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB						LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.6(4.2)	0.7(4.2)	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	120	50	59
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	7.3
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.0
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	2.1	2.1	3.2
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.5	1.6	0.5
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	14	14	15
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004
Date Sampled			09/29/86	09/29/86	01/26/87	05/08/87	08/08/87	10/09/87	10/09/87	01/20/88	04/27/88	04/27/88	04/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/02/86	10/02/86	02/05/87	05/12/87	08/11/87	10/12/87	10/13/87	01/21/88	05/03/88	05/02/88	05/02/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis			FDA	FDB				FDA	FDB			FDA	FDB
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	2.3C	NR	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	100C	91C	62C	160C	150C	41C	40C	23PC	15C	14PC	16PC
1,1-Dichloroethane	20	NE	8.7C	9.2C	8.1C	8.8C	6.3C	2.4C	2.6C	1.6PC	1.9C	0.91PC	0.74PC
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	1.7C	1.9C	0.54C	ND	0.35PC	0.45PC
Chloroform	100	100	ND	ND	ND	ND	ND	0.24C	0.30C	ND	ND	ND	ND
1,2-Dichloroethane	1	5	1.9C	ND	ND	ND	ND	0.79C	0.88C	0.40PC	ND	0.2APC	0.26PC
1,1,1-Trichloroethane	200	200	1.4C	1.5C	1.7C	ND	ND	0.90C	1.1C	0.6PC	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	26C	23C	18C	27C	24C	6.2C	7.2C	3.6PC	3.2C	2.6PC	2.4PC
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

CES = Canonie Environmental Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NR = Not reported

NA = Not analyzed

C = Analysis confirmed in second colum analysis

LOQ = Limit of quantitation

P or PC = Identity previously confirmed

( ) = Data decision criterion (DDC). Indicates result below DDC.

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1004	MW-1004	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005
Date Sampled			07/22/88	10/18/88	12/17/85	03/14/86	03/14/86	09/25/86	09/25/86	01/09/87	01/09/87	04/16/87	04/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/26/88	10/19/88	12/23/85	03/19/86	03/19/86	09/29/86	09/29/86	01/19/87	01/19/87	04/20/87	04/20/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB	FDA	FDB	FDA	FDB
Lab Analysis						LDA	LDB						LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	0.41NC	0.43C	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	72BC	61CB	4.4C	ND	ND	0.42C
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	0.1	1.5NC	1.6C	ND	ND	ND	ND
1,1-Dichloroethene	6	7	12C	14C	160	86	99	110C	110C	100C	102C	160C	140C
1,1-Dichloroethane	20	NE	1.8C	0.84C	41	14	15	26C	25C	12C	12C	12C	27C
Total 1,2-Dichloroethene	16	NE	0.76C	0.28C	43	ND	ND	ND	ND	9.2	9.4	22C	29C
Chloroform	100	100	ND	ND	0.7	0.1	0.2	1.2NC	2.8NC	0.56DL	ND	ND	ND
1,2-Dichloroethane	1	5	0.25C	0.20C	5	9.1	9.8	14C	13C	5.7C	5.7C	6.0C	7.9C
1,1,1-Trichloroethane	200	200	ND	ND	16	5.6	5.0	1.7BC	1.6BC	2.6C	ND	3.3C	4.3C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.25DL	ND	ND
Trichloroethene	5	5	2.2C	2.4C	100	47C	62	80C	76C	59C	54C	53C	95C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	2.3	0.7	0.8	3.6C	3.7C	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	0.1	0.1	0.32NC	0.33NC	0.21DL	0.18DL	0.26C	0.37C
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	0.21NC	0.30NC	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

NC = Result was not confirmed in second colum analysis
ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005
Date Sampled			04/16/87	07/31/87	07/31/87	10/15/87	10/15/87	01/19/88	01/19/88	04/27/88	04/27/88	07/19/88	07/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/21/87	08/03/87	08/03/87	10/19/87	10/19/87	01/20/88	01/20/88	04/29/88	05/03/88	07/29/88	07/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	CES	SAC
Field Analysis			FDB	FDA	FDB	FDA	FDB	FDA	FDB				FDA
Lab Analysis			LDB										LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	150C	270C	280C	79C	77C	58PC	51PC	38PC	36C	32C	32P
1,1-Dichloroethane	20	NE	16C	19C	24C	7.5C	6.4C	5.2PC	5.2PC	2.2PC	4.6C	ND	7.4P
Total 1,2-Dichloroethene	16	NE	ND	13C	16C	14C	11C	5.1C	4.5C	2.5PC	ND	ND	4.8P
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	6.0C	ND	ND	5.1C	3.8C	2.2PC	2.0PC	1.1PC	1.4C	2.1C	1.0P
1,1,1-Trichloroethane	200	200	3.3C	2.3C	ND	ND	ND	ND	ND	ND	ND	1.1C	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	54C	77C	86C	22C	22	14PC	15PC	12PC	10C	9.1C	9.4P
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	0.2A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannnie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1005	MW-1005	MW-1005	MW-1005	MW-1009	MW-1009	MW-1009	MW-1009	MW-1009	MW-1009	MW-1009
Date Sampled			07/19/88	07/19/88	10/17/88	10/17/88	12/19/85	03/21/86	10/09/86	02/03/87	04/17/87	07/31/87	10/15/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/21/88	07/21/88	10/18/88	10/18/88	12/23/85	04/01/86	10/13/86	02/05/87	04/21/87	08/03/87	10/19/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB	FDA	FDB							
Lab Analysis			LDB										
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	1.1C(1.32)
Trichlorofluoroethane	3400	NE	ND	ND	ND	ND	ND	ND	0.71	ND	ND	ND	ND
1,1-Dichloroethene	6	7	4QP	33C	33P	32P	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	8.4P	5.9P	4.9P	4.8P	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	4.8P	3.4C	2.5P	2.5P	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	0.8QP	1.0C	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	5.1C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	14P	9.7C	11P	9.7P	ND	ND	ND	ND	ND	ND	ND
Dibromochloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1009	MW-1009	MW-1009	MW-1009	MW-1009	MW-1010	MW-1010	MW-1010	MW-1010	MW-1010	MW-1010
Date Sampled			01/18/88	01/18/88	04/19/88	07/26/88	10/12/88	04/08/86	04/08/86	10/23/86	01/13/87	05/04/87	07/31/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/19/88	01/19/88	04/22/88	07/27/88	10/17/88	04/10/86	04/10/86	10/24/86	01/19/87	05/06/87	08/03/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB				FDA	FDB				
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	NR	ND	ND	ND	12	12	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	0.25	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1010	MW-1010	MW-1010	MW-1010	MW-1010	MW-1011	MW-1011	MW-1011	MW-1011	MW-1011	MW-1011
Date Sampled			10/15/87	01/18/88	04/25/88	07/19/88	10/12/88	11/05/85	03/27/86	10/06/86	01/06/87	04/27/87	08/05/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/18/87	01/19/88	04/27/88	07/21/88	10/17/88	11/11/85	03/31/86	10/09/86	01/08/87	04/29/87	08/07/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	NR	ND	ND	ND	ND	ND	7.9	11	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1011	MW-1011	MW-1011	MW-1011	MW-1011	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012
Date Sampled			10/22/87	01/25/88	04/22/88	07/15/88	10/04/88	11/15/85	03/06/86	09/24/86	01/23/87	05/05/87	07/27/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/28/87	01/27/88	04/26/88	07/20/88	10/05/88	11/22/85	03/17/86	09/26/86	01/27/87	05/06/87	07/28/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	0.47	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	0.25C	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013
Date Sampled			10/26/87	01/21/88	04/20/88	04/20/88	07/26/88	10/17/88	11/12/85	03/11/86	10/07/86	01/15/87	04/20/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/29/87	01/22/88	04/22/88	04/22/88	07/27/88	10/18/88	11/15/85	03/18/86	10/13/86	01/20/87	04/22/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis					LDA	LDB							
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	230C	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.25	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	0.28C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013
Date Sampled			04/20/87	04/20/87	08/03/87	08/03/87	10/22/87	10/22/87	01/19/88	04/22/88	04/22/88	07/15/88	10/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/22/87	04/22/87	08/06/87	08/06/87	10/28/87	10/28/87	01/20/88	04/26/88	04/26/88	07/20/88	10/12/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB	FDB									
Lab Analysis			LDA	LDB	LDA	LDB	LDA	LDB		LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014
Date Sampled			11/14/85	11/14/85	03/12/86	10/06/86	01/16/87	04/27/87	08/01/87	10/26/87	01/25/88	04/27/88	07/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/15/85	11/22/85	03/18/86	10/09/86	01/21/87	04/29/87	08/05/87	10/29/87	01/27/88	04/29/88	07/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB									
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	0.70C(1.32)	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	0.51	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First Laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1014	MW-1014	MW-1015	MW-1015	MW-1015	MW-1015	MW-1015	MW-1015	MW-1015	MW-1015	MW-1015
Date Sampled			10/27/88	10/27/88	12/14/85	03/25/86	10/07/86	01/14/87	05/04/87	08/01/87	10/17/87	01/19/88	04/22/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/01/88	11/01/88	12/21/85	03/31/86	10/10/86	01/20/87	05/06/87	08/05/87	10/20/87	01/20/88	04/26/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	17	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	0.31	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1015	MW-1015	MW-1016	MW-1016	MW-1016	MW-1016	MW-1016	MW-1016	MW-1016	MW-1016	MW-1016
Date Sampled			07/15/88	10/11/88	11/14/85	03/12/86	10/07/86	01/16/87	05/07/87	08/01/87	10/16/87	10/16/87	01/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/20/88	10/12/88	11/22/85	03/18/86	10/09/86	01/21/87	05/11/87	08/05/87	10/20/87	10/20/87	01/13/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis											LDA	LDB	
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	1.1C(1.32)	ND	ND	NR
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	0.52	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	0.11	ND	0.33	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1016	MW-1016	MW-1016	MW-1017	MW-1017	MW-1017	MW-1017	MW-1017	MW-1017	MW-1017	MW-1017
Date Sampled			04/26/88	07/19/88	10/12/88	11/08/85	03/18/86	09/23/86	01/20/87	04/20/87	07/28/87	10/17/87	01/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/28/88	07/21/88	10/14/88	11/12/85	03/20/86	09/24/86	01/26/87	04/22/87	07/29/87	10/20/87	01/22/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	0.81	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	0.24C	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1017	MW-1017	MW-1017	MW-1018	MW-1018	MW-1018	MW-1018	MW-1018	MW-1018	MW-1018	MW-1018
Date Sampled			04/20/88	07/12/88	10/13/88	11/18/85	03/12/86	09/23/86	02/04/87	05/01/87	08/04/87	10/08/87	01/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/22/88	07/14/88	10/17/88	11/24/85	03/18/86	09/24/86	02/05/87	05/05/87	08/07/87	10/09/87	01/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	0.84	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	0.2	0.38	ND	0.47C	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	0.1	0.17	ND	ND	ND	0.13C	0.10PC
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	(0.7)	0.7	0.94	ND	1.7C	1.4C	0.57C	0.54PC
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	MD	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1018	MW-1018	MW-1018	MW-1018	MW-1019	MW-1019	MW-1019	MW-1019	MW-1019	MW-1019	MW-1019
Date Sampled			04/13/88	07/23/88	10/20/88	10/20/88	12/19/85	04/08/86	09/24/86	01/09/87	04/20/87	04/20/87	08/07/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/15/88	07/26/88	10/21/88	10/21/88	12/23/85	04/10/86	09/26/86	01/16/87	04/22/87	04/22/87	08/13/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB					FDA	FDB	
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	13	3.0(4.2)	510C	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	1.4NC	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	0.4	0.81NC	0.59C	2.0C	2.1C	4.0C
Total 1,2-Dichloroethene	16	NE	0.28C	0.43C	0.27P	0.32P	ND	0.1	0.34NC	0.21	0.43C	0.43C	0.56C
Chloroform	100	100	ND	0.14C	ND	ND	0.5	0.1	0.56NC	0.17C	0.31C	0.32C	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	0.68C
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.60C	0.58C	0.56P	0.58P	0.5	2.0	1.6C	1.3C	2.6C	3.7C	4.0C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	0.4	ND	0.22C	1.1C	1.1C	1.2C
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

NC = Result was not confirmed in second colum analysis
ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1019	MW-1019	MW-1019	MW-1019	MW-1019	MW-1019	MW-1020	MW-1020	MW-1020	MW-1020	MW-1020
Date Sampled			10/21/87	01/25/88	01/25/88	04/22/88	07/11/88	10/12/88	11/08/85	03/07/86	10/03/86	10/03/86	01/13/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/28/87	01/27/88	01/27/88	04/26/88	07/12/88	10/17/88	''/12/85	03/14/86	10/06/86	10/06/86	01/19/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB								
Lab Analysis											LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	0.11C	0.10C	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	1.4C	1.5C	1.3C	0.89PC	1.8C	0.79C	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.78C	0.53C	0.44C	0.28PC	0.60C	0.30C	ND	ND	0.10	0.10	ND
Chloroform	100	100	0.27C	0.30C	0.26C	0.12PC	0.16C	0.12C	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	0.26C	ND	ND	ND	ND	ND	ND	ND	0.78B	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1.5C	1.7C	1.3C	1.3PC	1.3C	0.86C	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	1.1C	0.61C	0.53C	0.43PC	0.50C	0.55C	ND	ND	0.16	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1020	MW-1020	MW-1020	MW-1020	MW-1020	MW-1020	MW-1020	MW-1020	MW-1021	MW-1021	MW-1021
Date Sampled			04/30/87	08/01/87	10/08/87	01/13/88	01/13/88	04/18/88	07/15/88	10/04/88	11/07/86	01/26/87	01/26/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/04/87	08/05/87	10/09/87	01/14/88	01/14/88	04/20/88	07/20/88	10/05/88	11/20/86	02/03/87	02/03/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB						
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	1.1C(1.32)	ND	ND	ND	ND	ND	ND	ND	14C	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	12C	ND	ND	ND	ND	ND	0.11C	0.15P	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	0.23C	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	0.26C	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.30C	ND	ND	ND	ND	ND	ND	ND	57C	32C	32
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	2.8C	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1021	MW-1021	MW-1021	MW-1021	MW-1021	MW-1021	MW-1021	MW-1021	MW-1021	MW-1021	MW-1022
Date Sampled			04/27/87	08/03/87	10/27/87	10/27/87	01/19/88	04/21/88	04/21/88	07/19/88	10/11/88	10/11/88	11/07/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/29/87	08/07/87	11/02/87	11/04/87	01/20/88	04/25/88	04/21/88	07/21/88	10/12/88	10/12/88	11/11/86
Lab			SAC	SAC	SAC	CES	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	0.80C(1.32)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	1.7C	ND	1.3C	ND	ND	0.76C	ND	1.0C	0.85C	0.76C	ND
Chloroform	100	100	ND	ND	0.19C	ND	0.19PC	ND	ND	0.20C	0.12C	0.10C	0.49C
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	57C	46C	17C	18B	11PC	14C	16C	18C	11C	9.9C	13C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	5.6C	2.7C	3.3C	0.8	1.3PC	1.2C	1.3C	1.8C	1.5C	1.4C	0.54C
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1022	MW-1022	MW-1022	MW-1022	MW-1022	MW-1022	MW-1022	MW-1022	MW-1022	MW-1022	MW-1022
Date Sampled			01/23/87	04/27/87	08/03/87	10/20/87	10/20/87	01/19/88	04/21/88	07/19/88	07/19/88	07/19/88	07/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/27/87	04/29/87	08/06/87	10/23/87	11/2A/87	01/20/88	04/25/88	07/29/88	07/21/88	07/21/88	07/21/88
Lab			SAC	SAC	SAC	SAC	CES	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis											FDA	FDA	FDB
Lab Analysis											LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	0.61C(1.32)	ND	0.40C(1.32)	ND	NR	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	7.7C	ND	4C	ND	2.0C	4.5PC	ND	3.1P	3.3P	3.3P
Chloroform	100	100	0.21C	ND	ND	0.12C	ND	0.12PC	ND	ND	0.12P	0.10P	0.10P
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	20C	21C	7.6C	9.4	4.8PC	12PC	6.1C	11P	10P	9.7P
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	15C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	0.57C	1.0C	0.77C	0.94C	ND	0.36PC	0.56PC	ND	0.86P	ND	0.64P
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.81P	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
P or PC = Identity pravicously confirmed
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1022	MW-1022	MW-1023	MW-1023	MW-1023	MW-1023	MW-1023	MW-1023	MW-1023	MW-1023	MW-1023
Date Sampled			10/21/88	10/21/88	11/04/86	01/19/87	04/15/87	08/11/87	10/22/87	01/13/88	01/13/88	04/15/88	07/08/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/24/88	10/24/88	11/06/86	01/26/87	04/16/87	08/13/87	10/28/87	01/14/88	01/14/88	04/18/88	07/11/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	1.2P	1.1C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	10P	6.8C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	0.6AP	0.6IC	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1023	MW-102A	MW-1024	MW-102A	MW-1024	MW-1024	MW-102A	MW-1024	MW-1024	MW-1024	MW-1024
Date Sampled			10/05/88	11/04/86	01/19/87	01/19/87	04/15/87	04/15/87	08/11/87	1G/15/87	01/12/88	04/15/88	07/08/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/06/88	11/06/86	01/26/87	01/26/87	04/16/87	04/16/87	08/13/87	10/18/87	01/13/88	04/18/88	07/11/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis					LDA	LDB	LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1024	MW-1025	MW-1025	MW-1025	MW-1025	MW-1025	MW-1025	MW-1025	MW-1025	MW-1025	MW-1026
Date Sampled			10/05/88	11/03/86	01/19/87	04/15/87	08/11/87	10/15/87	01/12/88	04/15/88	07/08/88	10/05/88	11/05/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/06/88	11/06/86	01/26/87	04/16/87	08/13/87	10/18/87	01/13/88	04/18/88	07/11/88	10/06/88	11/11/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1027
Date Sampled			01/14/87	04/17/87	08/05/87	10/14/87	10/14/87	01/15/88	01/15/88	04/18/88	07/13/88	10/10/88	11/25/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/87	04/21/87	08/07/87	10/19/87	10/18/87	01/18/88	01/18/88	04/20/88	07/15/88	10/14/88	12/02/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis						LDA	LDB	LDA	LDB				
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	1.6C	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.84
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1028
Date Sampled			01/14/87	01/14/87	04/17/87	08/05/87	10/14/87	01/15/88	04/18/88	04/18/88	07/13/88	10/10/88	08/07/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/87	01/20/87	04/21/87	08/07/87	10/16/87	01/18/88	04/20/88	04/20/88	07/15/88	10/14/88	08/13/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB					LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	NR	ND	ND	ND	ND	ND	ND	ND	0.40C(1.32)
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-1028	MW-1028	MW-1028	MW-1028	MW-1028	MW-1028	MW-1029	MW-1029	MW-1029	MW-1029	MW-1029
Date Sampled			10/14/87	10/14/87	01/15/88	04/18/88	07/13/88	10/10/88	11/11/86	11/11/86	11/11/86	01/08/87	01/08/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/16/87	11/09/87	01/18/88	04/20/88	07/15/88	10/14/88	11/19/86	11/19/86	11/19/86	01/13/87	01/13/87
Lab			SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDA	FDB	FDA	FDB
Lab Analysis									LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	0.17C	0.19C	0.19C	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	6.8C	6.7C	6.3C	4.7C	5.3C
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	1.6C	1.5C	1.5C	1.4	1.6
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	1.1C	1.2C	1.1C	0.78C	0.85C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento

CES = Cannonie Environmental Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NR = Not reported

NA = Not analyzed

C = Analysis confirmed in second column analysis

LOQ = Limit of quantitation

( ) = Data decision criterion (DDC). Indicates result below DDC.

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1029	MW-1029	MW-1029	MW-1029	MW-1029	MW-1029	MW-1029	MW-1029	MW-1030	MW-1030	MW-1030
Date Sampled			04/29/87	08/07/87	10/12/87	10/12/87	10/12/87	01/18/88	04/14/88	10/03/88	11/11/86	01/08/87	04/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/01/87	08/13/87	10/13/87	10/13/87	10/13/87	01/20/88	04/18/88	10/04/88	11/19/86	01/13/87	05/01/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDB						
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	0.44C(1.32)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	0.10C	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	6.4C	6.3C	1.6C	2.2C	1.9C	2.5C	2.9C	5.0C	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	3.7C	2.8C	2.2C	2.7C	ND	1.8C	1.7C	4.6C	ND	ND	ND
Chloroform	100	100	ND	ND	0.40C	0.71C	0.46C	0.25C	0.13C	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	0.52C	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	3.0C	4.3C	1.4C	1.8C	1.7C	1.7C	1.8C	1.9C	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1030	MW-1030	MW-1030	MW-1030	MW-1030	MW-1031	MW-1031	MW-1031	MW-1031	MW-1031	MW-1031
Date Sampled			08/07/87	10/12/87	01/17/88	04/14/88	10/04/88	11/18/86	01/08/87	04/29/87	08/10/87	10/12/87	10/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/13/87	10/14/87	01/20/88	04/18/88	10/05/88	11/21/86	01/13/87	05/01/87	08/14/87	10/13/87	10/13/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis												FDA	FDB
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	0.21C	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1031	MW-1031	MW-1031	MW-1032	MW-1032	MW-1032	MW-1032	MW-1032	MW-1032	MW-1032	MW-1032
Date Sampled			01/17/88	04/14/88	10/04/88	11/19/86	01/13/87	05/01/87	08/04/87	10/09/87	01/14/88	04/13/88	07/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/88	04/18/88	10/05/88	11/22/86	01/19/87	05/05/87	08/07/87	10/12/87	01/15/88	04/15/88	07/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	NR	ND	ND	ND	ND	ND	0.91C(1.32)	0.48C(1.32)	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1032	MW-1033	MW-1033	MW-1033	MW-1033	MW-1033	MW-1033	MW-1033	MW-1033	MW-1033	MW-1033
Date Sampled			10/20/88	11/12/86	01/08/87	04/28/87	08/10/87	10/13/87	01/12/88	01/12/88	04/15/88	04/15/88	07/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/21/88	11/20/86	01/13/87	04/29/87	08/14/87	10/14/87	01/13/88	01/13/88	04/20/88	04/20/88	07/14/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis									LDA	LDB	LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	NR	NR	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	0.41	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1033	MW-1034	MW-1034	MW-1034	MW-1034	MW-1034	MW-1034	MW-1034	MW-1034	MW-1034	MW-1034
Date Sampled			10/14/88	11/12/86	01/08/87	04/28/87	08/10/87	10/13/87	10/13/87	01/12/88	01/12/88	04/15/88	07/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/18/88	11/20/86	01/13/87	04/30/87	08/14/87	10/14/87	10/14/87	01/13/88	01/13/88	04/20/88	07/14/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB		
Lab Analysis								LDA	LDB				
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	0.20C	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1034	MW-1035	MW-1035	MW-1035	MW-1035	MW-1035	MW-1035	MW-1035	MW-1035	MW-1035	MW-1036
Date Sampled			10/14/88	11/25/86	01/08/87	04/28/87	08/10/87	10/13/87	01/12/88	04/15/88	07/13/88	10/14/88	11/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/18/88	12/02/86	01/13/87	04/29/87	08/14/87	10/14/87	01/13/88	04/20/88	07/14/88	10/18/88	11/22/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.37
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.86
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036
Date Sampled			01/16/87	01/16/87	04/23/87	08/06/87	10/21/87	10/21/87	01/14/88	01/14/88	04/22/88	07/22/88	10/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/21/87	01/21/87	04/24/87	08/10/87	10/23/87	10/23/87	01/15/88	01/15/88	04/26/88	07/26/88	10/19/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB	FDA	FDB			FDA
Lab Analysis			LDA	LDB									
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.35PC	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	0.57C	ND	0.62C	0.62C	0.21C	0.26C	ND	0.31C	0.11C
Chloroform	100	100	ND	ND	ND	ND	0.12C	0.11C	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.63C	0.79	1.2C	ND	0.51C	0.55C	0.32PC	0.25PC	0.40PC	0.36C	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1036	MW-1037	MW-1037	MW-1037	MW-1037	MW-1037	MW-1037	MW-1037	MW-1037	MW-1037	MW-1038
Date Sampled			10/14/88	10/31/86	01/15/87	05/07/87	08/12/87	10/13/87	01/15/88	04/18/88	07/14/88	10/06/88	11/20/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/18/88	11/03/86	01/21/87	05/11/87	08/18/87	10/14/87	01/18/88	04/21/88	07/18/88	10/07/88	11/24/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis													LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19
Total 1,2-Dichloroethene	16	NE	0.11P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1039
Date Sampled			11/20/86	01/15/87	04/30/87	08/04/87	10/13/87	01/15/88	04/18/88	04/18/88	07/14/88	10/06/88	11/20/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/24/86	01/21/87	05/04/87	08/07/87	10/16/87	01/18/88	04/21/88	04/21/88	07/18/88	10/07/88	11/24/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB						LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1039	MW-1039	MW-1039	MW-1039	MW-1039	MW-1039	MW-1039	MW-1039	MW-1039	MW-1040	MW-1040
Date Sampled			01/15/87	01/15/87	04/30/87	08/03/87	10/13/87	01/27/88	04/18/88	07/14/88	10/06/88	11/17/86	01/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/21/87	01/13/87	05/04/87	08/06/87	10/16/87	01/29/88	04/21/88	07/18/88	10/07/88	11/21/86	01/27/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB									
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	0.75C	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

C = Analysis confirmed in second column analysis

LOQ = Limit of quantitation

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-1040	MW-1040	MW-1040	MW-1040	MW-1040	MW-1040	MW-1040	MW-1041	MW-1041	MW-1041	MW-1041
Date Sampled			05/05/87	07/27/87	10/20/87	01/20/88	04/25/88	07/20/88	10/17/88	11/14/86	11/14/86	01/22/87	01/22/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/06/87	07/28/87	10/23/87	01/21/88	04/27/88	07/22/88	10/18/88	11/20/86	11/20/86	01/28/87	01/28/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB	FDA	FDB
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	16C	1.0	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1041	MW-1041	MW-1041	MW-1041	MW-1041	MW-1041	MW-1041	MW-1041	MW-1041	MW-1042	MW-1042
Date Sampled			05/06/87	08/06/87	10/14/87	10/14/87	10/14/87	01/18/88	04/19/88	07/15/88	10/19/88	11/21/86	01/22/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/11/87	08/10/87	11/09/87	10/18/87	10/18/87	01/19/88	04/22/88	07/18/88	10/20/88	11/25/86	01/28/87
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-1042	MW-1042	MW-1042	MW-1042	MW-1042	MW-1042	MW-1042	MW-1043	MW-1043	MW-1043	MW-1043
Date Sampled			05/06/87	08/06/87	10/14/87	01/18/88	04/19/88	07/15/88	10/19/88	11/21/86	01/22/87	05/06/87	05/06/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/11/87	08/10/87	10/18/87	01/19/88	04/21/88	07/18/88	10/20/88	11/25/86	01/28/87	05/11/87	05/11/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

LOQ = Limit of quantitation

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1043	MW-1043	MW-1043	MW-1043	MW-1043	MW-1043	MW-1043	MW-1043	OW-17	OW-18	OW-21
Date Sampled			08/06/87	10/14/87	01/18/88	01/18/88	04/19/88	04/19/88	07/15/88	10/19/88	04/16/86	04/14/86	04/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/10/87	10/18/87	01/19/88	01/19/88	04/22/88	04/22/88	07/18/88	10/20/88	04/22/86	04/17/86	04/17/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis					LDA	LDB							LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-21	OW-33	OW-33	OW-34	OW-35	OW-36	OW-39	OW-39	OW-39	OW-39	OW-39
Date Sampled			04/14/86	11/29/79	08/17/83	08/17/83	08/17/83	08/17/83	06/28/83	01/20/84	03/08/84	11/05/85	01/16/86
Sampled By			RADIAN			SCHD	SCHD	SCHD		SCHD	SCHD	RADIAN	RADIAN
Date Analyzed			04/17/86		08/23/83	08/23/83	08/23/83	08/23/83		01/31/84	03/16/84	11/17/85	01/28/86
Lab			SAC	ANLAB	RAS	RAS	RAS	RAS		RAS	RAS	B&C	SAC
Field Analysis													
Lab Analysis			LDB										
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoroethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
Dibromochloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			GW-41	GW-41	GW-42	GW-42	GW-42	GW-42	GW-42	GW-42	GW-42	GW-42	GW-42
Date Sampled			06/28/83	03/08/84	08/17/83	03/15/84	06/18/84	08/06/84	11/14/84	03/19/85	07/03/85	09/26/85	11/05/85
Sampled By					SCHD	SCHD					RADIAN	USAF	RADIAN
Date Analyzed				03/16/84	08/23/83	03/19/84	06/21/84	08/08/84	11/19/84	03/22/85	07/08/85	10/17/85	11/17/85
Lab				RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	ANLAB	B&C
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

GW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab

ND = nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-42	OW-42	OW-42	OW-42	OW-43	OW-43	OW-43	OW-43	OW-43	OW-43	OW-43
Date Sampled			01/17/86	04/09/86	07/15/86	10/16/86	06/28/83	06/18/84	08/06/84	11/14/84	03/19/85	07/03/85	09/26/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN						RADIAN	USAF
Date Analyzed			01/29/86	04/13/86	07/24/86	10/20/86		06/21/84	08/08/84	11/19/84	03/22/85	07/08/85	10/17/85
Lab			SAC	SAC	SAC	SAC		RAS	RAS	RAS	RAS	RAS	ANLAB
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-43	OW-43	OW-43	OW-43	OW-43	OW-43	OW-44	OW-44	OW-44	OW-44	OW-44
Date Sampled			11/08/85	11/08/85	01/16/86	04/14/86	04/14/86	07/15/86	08/17/83	03/08/84	06/18/84	08/06/84	11/14/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD			
Date Analyzed			11/20/85	11/20/85	01/28/86	04/16/86	04/16/86	07/24/86	08/23/83	03/16/84	06/21/84	08/08/84	11/21/84
Lab			B&C	B&C	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis			LDA	LDB		LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-44	OW-44	OW-44	OW-44	OW-44	OW-44	OW-44	OW-44	OW-44	OW-44	OW-45
Date Sampled			03/19/85	07/05/85	10/22/85	11/03/85	11/15/85	01/16/86	01/16/86	04/09/86	07/15/86	10/16/86	06/28/83
Sampled By				RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	
Date Analyzed			03/22/85	07/09/85		11/17/85	11/25/85	01/28/86	01/20/86	04/13/86	07/24/86	10/20/86	
Lab			RAS	RAS	ANLAB	B&C	B&C	SAC	SAC	SAC	SAC	SAC	
Field Analysis						FDA	FDB						
Lab Analysis								LDA	LDB				
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-45	OW-45	OW-45	OW-45	OW-45	OW-45	OW-45	OW-45	OW-45	OW-45	OW-45
Date Sampled			03/08/84	06/18/84	08/06/84	11/14/84	03/19/85	07/05/85	09/26/85	11/05/85	11/05/85	11/15/85	11/15/85
Sampled By			SCHD					RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/16/84	06/21/84	08/08/84	11/21/84	03/22/85	07/09/85	10/17/85	11/17/85	11/17/85	11/25/85	11/25/85
Lab			RAS	RAS	RAS	RAS	RAS	RAS	ANLAB	B&C	B&C	B&C	B&C
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
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ND = Nothing detected
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LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-45	OW-45	OW-45	OW-45	OW-46	OW-46	OW-46	OW-46	OW-46	OW-46	OW-46
Date Sampled			01/16/86	04/09/86	07/15/86	10/16/86	06/28/83	03/08/84	06/18/84	11/14/84	03/19/85	07/05/85	11/05/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN		SCHD				RADIAN	RADIAN
Date Analyzed			01/28/86	04/13/86	07/24/86	10/20/86		03/16/84	06/21/84	11/19/84	03/22/85	07/09/85	11/17/85
Lab			SAC	SAC	SAC	SAC		RAS	RAS	RAS	RAS	RAS	B&C
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND
Trichlorofluoroethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CM-46	CM-46	CM-46	CM-47	CM-47	CM-47	CM-47	CM-47	CM-47	CM-47	CM-47
Date Sampled			04/09/86	07/15/86	10/16/86	08/11/83	03/08/84	06/18/84	11/14/84	03/19/85	07/05/85	11/05/85	02/14/86
Sampled By			RADIAN	RADIAN	RADIAN	SCHD	SCHD				RADIAN	RADIAN	RADIAN
Date Analyzed			04/13/86	07/24/86	10/20/86	08/17/83	03/16/84	06/21/84	11/19/84	03/22/85	07/09/85	11/17/85	02/17/86
Lab			SAC	SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS	B&C	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
CM = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
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ND = Nothing detected
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LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OM-47	OM-47	OM-47	OM-48	OM-48	OM-48	OM-48	OM-48	OM-48	OM-48	OM-48
Date Sampled			04/09/86	07/15/86	10/16/86	11/19/79	02/27/80	08/11/83	12/28/83	03/08/84	06/18/84	11/14/84	03/19/85
Sampled By			RADIAN	RADIAN	RADIAN			SCHD	SCHD	SCHD			
Date Analyzed			04/13/86	07/24/86	10/20/86			08/17/83	01/07/84	03/16/84	06/21/84	11/19/84	03/22/85
Lab			SAC	SAC	SAC	ANLAB	CAL	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	46	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OM = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
CAL = California Analytical Labs
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OM-48	OM-48	OM-48	OM-48	OM-48	OM-48	OM-48	OM-67	OM-68	OM-68	OM-69
Date Sampled			07/05/85	07/05/85	11/05/85	01/17/86	04/09/86	07/15/86	10/16/86	08/19/83	08/19/83	08/19/83	08/19/83
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD		SCHD
Date Analyzed			07/09/85	07/09/85	11/17/85	01/29/86	04/13/86	07/24/86	10/20/86	08/24/83	08/23/83	08/23/83	08/24/83
Lab			RAS	RAS	B&C	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS
Field Analysis			FDA	FDB									
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OM = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-75	OW-77	OW-86	OW-86	OW-86	OW-91	OW-102	OW-104	OW-104	OW-118	OW-120
Date Sampled			02/27/84	11/02/83	12/05/83	04/09/85	04/10/86	11/29/79	07/16/86	10/25/83	04/09/85	10/25/83	11/01/83
Sampled By			DHS	SCHD	SCHD		RADIAN		RADIAN	SCHD		SCHD	SCHD
Date Analyzed			03/07/84	11/14/83	12/12/83	04/10/85	04/14/86		07/25/86	11/02/83	04/10/85	11/02/83	11/14/83
Lab			RAS	RAS	RAS	RAS	SAC	ANLAB	SAC	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-127	OW-134	OW-134	OW-135	OW-135	OW-135	OW-135	OW-135	OW-135	OW-135	OW-135
Date Sampled			11/02/83	10/17/83	07/03/85	10/17/83	07/01/85	10/31/85	01/21/86	04/10/86	07/07/86	07/07/86	10/17/86
Sampled By			SCHD	DHS	RADIAN	DHS	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/14/83	10/31/83	07/09/85	10/26/83	07/03/85	11/12/85	02/03/86	04/14/86	07/10/86	07/10/86	10/21/86
Lab			RAS	RAS	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis											LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	2.3	ND	2.8	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	0.2	0.1	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	1.4	0.6	0.7	0.4	0.60	0.67	0.58C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-136	CW-136	CW-136	CW-136	CW-136	CW-136	CW-136	CW-136	CW-136	CW-136	CW-136
Date Sampled				06/30/83	07/31/83	07/31/83	12/22/83	01/12/84	03/09/84	08/15/84	03/28/85	07/01/85	10/31/85
Sampled By							DHS	DHS				RADIAN	RADIAN
Date Analyzed			08/17/83		08/17/83	08/17/83	12/31/83	01/18/84	03/16/84	08/28/84	04/01/85	07/03/85	11/12/85
Lab			RAS				RAS	RAS	RAS	RAS	RAS	RAS	B&C
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	4.33	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	27.5	ND	0.9	ND	ND	3.8	[illegible]
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	0.59	ND	ND	0.1	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	0.37	ND	0.2	0.2	ND	ND	0.7
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	2.0	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	0.10	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	1.5	ND	ND	1.19	1.0	0.9	0.8	1.7	2.4	1.0
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
CW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-136	OW-136	OW-136	OW-136	OW-136	OW-136	OW-137	OW-137	OW-137	OW-137	OW-137
Date Sampled			01/21/86	01/21/86	04/10/86	07/07/86	10/17/86	10/17/86	10/17/83	06/25/84	07/01/85	10/31/85	01/21/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS		RADIAN	RADIAN	RADIAN
Date Analyzed			02/03/86	02/03/86	04/14/86	07/10/86	10/21/86	10/21/86	10/26/83	07/05/84	07/03/85	11/12/85	02/03/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	B&C	SAC
Field Analysis							FDA	FDB					
Lab Analysis			LDA	LDB									
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.3	0.3	0.2	ND	ND	ND	ND	ND	ND	ND	0.2
Chloroform	100	100	0.3	0.3	ND	0.14	ND	ND	ND	ND	ND	ND	0.2
1,2-Dichloroethane	1	5	0.4	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1.2	1.2	1.0	1.2	0.85C	0.90C	ND	ND	1.8	0.3	1.0
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-137	OW-137	OW-137	OW-139	OW-139	OW-139	OW-139	OW-139	OW-139	OW-139	OW-139
Date Sampled			04/10/86	07/07/86	10/17/86	10/17/83	03/28/85	07/01/85	10/30/85	01/21/86	04/10/86	07/07/86	10/17/86
Sampled By			RADIAN	RADIAN	RADIAN	DHS		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/14/86	07/10/86	10/21/86	10/27/83	04/01/85	07/05/85	11/11/85	02/03/86	04/14/86	07/10/86	10/21/86
Lab			SAC	SAC	SAC	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.2	ND	ND	ND	ND	ND	ND	0.1	0.1	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.7	0.61	0.46C	0.4	1.3	2.0	0.7	0.5	0.3	0.81	0.39C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-140	CW-140	CW-140	CW-140	CW-140	CW-140	CW-140	CW-140	CW-140	CW-141	CW-141
Date Sampled			10/17/83	03/12/84	07/01/85	10/30/85	10/30/85	01/21/86	04/10/86	07/07/86	10/17/86	10/17/83	03/28/85
Sampled By			DHS	DHS	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS	DHS
Date Analyzed			10/28/83	03/17/84	07/03/85	11/11/85	11/13/85	02/03/86	04/14/86	07/10/86	10/21/86	10/31/83	04/04/85
Lab			RAS	RAS	RAS	B&C	B&C	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis													
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.2	ND	ND	0.5	ND	0.2	0.2	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.7	0.4	2.2	0.8	0.4	1.1	0.9	0.83	0.84C	ND	0.8
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND
1,3-Dichlorobenzene	130	NE	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
CW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-141	OW-141	OW-141	OW-141	OW-141	OW-141	OW-141	OW-142	OW-142	OW-142	OW-142
Date Sampled			07/01/85	10/30/85	01/21/86	04/04/86	07/07/86	10/17/86	01/19/87	08/31/83	03/28/85	07/01/85	10/31/85
Sampled By				RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS		RADIAN	RADIAN
Date Analyzed			07/05/85	11/11/85	02/03/86	04/09/86	07/10/86	10/21/86	01/21/87	09/12/83	04/01/85	07/03/85	11/12/85
Lab			RAS	B&C	SAC	SAC	SAC	SAC	SAC	RAS		RAS	B&C
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	3.5	ND	ND	ND	ND	ND	ND	0.6	ND	1.7	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	0.1	1.2	1.1	0.7
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-142	OW-142	OW-142	OW-142	OW-144	OW-144	OW-144	OW-144	OW-144	OW-144	OW-144
Date Sampled			04/18/86	07/10/86	10/30/86	10/30/86	11/18/83	11/29/84	07/07/85	10/30/85	01/21/86	04/10/86	07/08/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	DHS		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/23/86	07/14/86	11/03/86	11/03/86	12/01/83	12/10/84	07/10/35	11/12/85	02/03/86	04/14/86	07/11/86
Lab			SAC	SAC	SAC	SAC	RAS	RAS	RAS	B&C	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	4.0	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	2.66	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	3.87	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	0.8	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.3	ND	0.37C	0.33C	0.2	ND	1.1	ND	0.2	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

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FDB = Second field duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-144	OW-145	OW-145	OW-145	OW-145	OW-145	OW-145	OW-146	OW-146	OW-146	OW-146
Date Sampled			10/29/86	07/07/85	10/30/85	01/21/86	04/18/86	07/10/86	10/29/86	07/10/84	03/28/85	07/02/85	10/30/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN			RADIAN	RADIAN
Date Analyzed			10/31/86	07/10/35	11/12/85	02/03/86	04/23/86	07/14/86	10/31/86	07/12/84	04/04/85	07/08/35	11/12/85
Lab			SAC	RAS	B&C	SAC	SAC	SAC	SAC	RAS	RAS	RAS	B&C
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	2.48	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	2.3	3.1	5.3	4.4C	1.1	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	1.02	0.5	ND	ND	ND	ND	ND	0.8	1.0	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LTQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LTQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OM-146	OM-146	OM-146	OM-146	OM-147	OM-147	OM-147	OM-147	OM-147	OM-147	OM-147
Date Sampled			01/20/86	04/11/86	07/08/86	10/14/86	08/31/83	12/22/83	01/12/84	03/09/84	06/25/84	08/15/84	11/14/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	DHS	DHS	DHS	SCHD			
Date Analyzed			01/30/86	04/15/86	07/11/86	10/15/86	09/12/83	12/31/83	01/18/84	03/19/84	07/05/84	08/28/84	11/21/84
Lab			SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	17.3	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	0.3	96.2	ND	0.5	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	1.74	ND	1.2	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OM = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-147	OW-147	OW-147	OW-147	OW-147	OW-147	OW-147	OW-148	OW-148	OW-148	OW-148
Date Sampled			03/28/85	07/01/85	10/30/85	01/20/86	04/11/86	07/08/86	10/14/86	08/31/83	03/28/85	07/10/85	11/13/85
Sampled By				RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS		RADIAN	RADIAN
Date Analyzed			04/03/85	07/03/35	11/11/85	01/30/86	04/15/86	07/11/86	10/15/86	09/12/83	04/03/85	07/12/85	11/22/85
Lab			RAS	RAS	B&C	SAC	SAC	SAC	SAC	RAS	RAS	RAS	B&C
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	2.3	4.0	ND	ND	ND	ND	ND	0.6	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	0.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-148	OW-148	OW-148	OW-148	OW-148	OW-148	OW-149	OW-149	OW-149	OW-149	OW-149
Date Sampled			12/05/85	12/30/85	01/21/86	04/11/86	07/08/86	10/14/86	08/31/83	11/14/84	07/01/85	10/30/85	10/30/85
Sampled By			USAF	USAF	RADIAN	RADIAN	RADIAN	RADIAN	DHS		RADIAN	RADIAN	RADIAN
Date Analyzed					02/04/86	04/15/86	07/11/86	10/15/86	09/12/83	11/21/84	07/03/85	11/12/85	11/14/85
Lab			ANLAB	ANLAB	SAC	SAC	SAC	SAC	RAS	RAS	RAS	B&C	B&C
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	0.5	ND	3.1	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	1.1	0.4	ND	0.80C	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-149	OW-149	OW-149	OW-150	OW-150	OW-150	OW-150	OW-150	OW-150	OW-150	OW-150
Date Sampled			01/21/86	04/11/86	07/08/86	08/31/83	11/14/84	07/02/85	10/30/85	01/21/86	01/21/86	04/11/86	04/11/86
Sampled By			RADIAN	RADIAN	RADIAN	DHS		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/04/86	04/15/86	07/11/86	09/12/83	11/21/84	07/05/85	11/11/85	02/04/86	02/04/86	04/15/86	04/15/86
Lab			SAC	SAC	SAC	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB	LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	0.7(2.2)	ND	0.5	ND	2.5	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			CW-150	CW-150	CW-151	CW-151	CW-151	CW-151	CW-151	CW-151	CW-151	CW-151	CW-152
Date Sampled			07/08/86	10/14/86	08/31/83	08/15/84	07/02/85	11/13/85	01/21/86	04/11/86	07/08/86	10/14/86	08/31/83
Sampled By			RADIAN	RADIAN	DHS		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS
Date Analyzed			07/11/86	10/15/86	09/12/83	08/28/84	07/05/85	11/24/85	02/04/86	04/15/86	07/11/86	10/15/86	09/12/83
Lab			SAC	SAC	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	1.0	ND	1.92	ND	ND	ND	ND	ND	0.3
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	0.2	ND	ND	ND	0.1	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND	0.4
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
CW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-152	OW-152	OW-152	OW-152	OW-152	OW-152	OW-152	OW-152	OW-152	OW-152	OW-152
Date Sampled			12/22/83	03/12/84	06/25/84	08/15/84	11/14/84	03/28/85	07/01/85	10/30/85	01/21/86	04/11/86	07/08/86
Sampled By			DHS	DHS					RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/03/84	03/17/84	07/05/84	08/28/84	11/20/84	04/03/85	07/03/85	11/12/85	02/04/86	04/15/86	07/11/86
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	B&C	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	2.0	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-152	OW-154	OW-154	OW-154	OW-154	OW-154	OW-154	OW-154	OW-154	OW-155	OW-155
Date Sampled			10/17/86	08/31/83	11/14/84	07/01/85	10/30/85	01/21/86	04/15/86	07/10/86	10/17/86	08/29/83	08/15/84
Sampled By			RADIAN	DHS		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS	
Date Analyzed			10/21/86	09/12/83	11/20/84	07/03/85	11/12/85	02/04/86	04/17/86	07/14/86	10/21/86	09/12/83	08/28/84
Lab			SAC	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	0.4	ND	5.7	ND	ND	ND	ND	ND	0.5	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND
Chloroform	100	100	ND	0.2	ND	ND	ND	0.1	ND	ND	ND	0.1	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	0.8	ND	ND	ND	ND	ND	ND	ND	0.2	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	1.8	0.3	0.3	ND	ND	ND	0.5	0.6
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	0.4	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER: OW-155	OW-155	OW-155	OW-155	OW-155	OW-155	OW-155	OW-155	OW-155	OW-155	OW-155
Date Sampled			03/28/85	07/02/85	10/30/85	01/22/86	02/07/86	02/07/86	02/07/86	04/14/86	07/10/86	07/10/86	10/17/86
Sampled By				RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/01/85	07/08/85	11/11/85	01/28/86	02/10/86	02/10/86	02/10/86	04/16/86	07/14/86	07/16/86	10/21/86
Lab			RAS	RAS	B&C	CWL	SAC	SAC	SAC	SAC	SAC	USAF	SAC
Field Analysis													
Lab Analysis							LDA	LDA	LDB				LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	2.3	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	0.3	0.3	0.4	ND	ND	ND	0.26C
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	0.4	0.4	0.3	0.2	0.11	ND	ND
Chloroform	100	100	ND	ND	0.4	0.3	0.2	0.2	0.3	ND	ND	ND	0.14C
1,2-Dichloroethane	1	5	ND	ND	ND	ND	0.2	0.2	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	0.2	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	2.5	1.9	2.1	0.6	1.1	1.1	1.1	0.9	0.95	ND	0.81C
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
CWL = California Water Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colu.. analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-155	OW-157	OW-157	OW-157	OW-157	OW-157	OW-157	OW-157	OW-158	OW-158	OW-158
Date Sampled			10/17/86	08/24/83	07/07/85	10/30/85	02/07/86	03/31/86	07/10/86	10/17/86	08/31/83	08/15/84	03/28/85
Sampled By			RADIAN	DHS	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS		
Date Analyzed			10/21/86	08/25/83	07/10/85	11/11/85	02/10/86	04/05/86	07/14/86	10/21/86	09/12/83	08/28/84	04/01/85
Lab			SAC	RAS	RAS	B&C	SAC	SAC	SAC	SAC	RAS	RAS	RAS
Field Analysis													
Lab Analysis			LDB										
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	2.72	ND	ND	0.8(2.2)	ND	ND	0.3	ND	2.0
Trichlorofluoromethane	3400	NE	0.32C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND
Chloroform	100	100	0.13C	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.74C	ND	ND	ND	ND	ND	ND	ND	ND	0.4	1.8
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-158	OW-158	OW-158	OW-158	OW-158	OW-158	OW-162	OW-162	OW-162	OW-162	OW-162
Date Sampled			07/03/85	10/30/85	02/07/86	03/31/86	07/10/86	10/17/86	11/09/79	06/28/83	07/12/85	07/09/86	10/20/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN			RADIAN	RADIAN	RADIAN
Date Analyzed			07/08/85	11/12/85	02/10/86	04/05/86	07/14/86	10/21/86			07/17/85	07/12/86	10/21/86
Lab			RAS	B&C	SAC	SAC	SAC	SAC	ANLAB		RAS	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1.9	ND	0.2	0.2	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-183	OW-183	OW-183	OW-183	OW-183	OW-183	OW-183	OW-183	OW-183	OW-184	OW-184
Date Sampled			10/27/83	08/16/84	04/02/85	07/07/85	11/15/85	01/16/86	04/18/86	07/07/86	01/30/87	08/24/83	12/28/83
Sampled By			DHS			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		DHS
Date Analyzed			11/09/83	08/29/84	04/03/85	07/10/85	11/25/85	01/28/86	04/23/86	07/10/86	02/02/87	08/25/83	01/07/84
Lab			RAS	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND
Chloroform	100	100	ND	ND	2.1	ND	ND	0.4	ND	0.20	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.1	0.3	1.4	2.23	0.7	1.2	0.9	1.0	0.85	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-184	OW-184	OW-184	OW-184	OW-184	OW-184	OW-217	OW-217	OW-217	OW-217	OW-217
Date Sampled			11/13/85	01/16/86	04/16/86	07/07/86	10/13/86	01/20/87	04/27/83	06/24/83	12/29/83	03/16/84	06/25/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN			SCHD	RWQCB	
Date Analyzed			11/24/85	01/28/86	04/22/86	07/10/86	10/14/86	01/23/87			01/09/84	03/30/84	07/03/84
Lab			B&C	SAC	SAC	SAC	SAC	SAC	RAS	CAL	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND
Chloroform	100	100	ND	0.1	ND	0.10	ND	ND	ND	ND	ND	ND	0.6
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	2.2	ND	3.9	2.7	3.1
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RWQCB = Regional Water Quality Control Board
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-217	OW-217	OW-217	OW-217	OW-217	OW-217	OW-217	OW-217	OW-217	OW-217	OW-235
Date Sampled			08/13/84	11/28/84	04/10/85	11/13/85	12/05/85	12/13/85	12/13/85	12/30/85	01/23/86	01/24/86	10/17/83
Sampled By						RADIAN	USAF	USAF	USAF	USAF	RADIAN	RADIAN	DHS
Date Analyzed			08/18/84	12/05/84	04/15/85	11/24/85	12/05/85				02/05/86	01/28/86	10/26/83
Lab			RAS	RAS	RAS	B&C	ANLAB	ANLAB	ANLAB	ANLAB	SAC	CWL	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	1.0	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND
Chloroform	100	100	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	3.0	3.2	ND	5.9	4.6	4.0	ND	4.7	8.8	5.7	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.4	0.2	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
CWL = California Water Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-235	OW-235	OW-235	OW-235	OW-235	OW-235	OW-235	OW-237	OW-237	OW-237	OW-237
Date Sampled			12/28/83	11/13/85	01/16/86	04/04/86	04/04/86	07/11/86	10/28/86	02/27/84	11/15/85	11/15/85	01/20/86
Sampled By			DHS	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS	RADIAN	RADIAN	RADIAN
Date Analyzed			01/06/84	11/24/85	01/28/86	04/09/86	04/09/86	07/15/86	10/29/86	03/07/84	11/25/85	11/25/85	01/30/86
Lab			RAS	B&C	SAC	SAC	SAC	SAC	SAC	RAS	B&C	B&C	SAC
Field Analysis											FDA	FDB	
Lab Analysis						LDA	LDB						LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	0.2	0.1	0.1	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	0.4	ND	ND	0.10	0.16C	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	0.2	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-237	OW-237	OW-237	OW-238	OW-238	OW-238	OW-238	OW-238	OW-238	OW-240	OW-240
Date Sampled			01/20/86	04/04/86	07/16/86	02/27/84	11/13/85	01/16/86	04/04/86	07/11/86	10/15/86	10/17/83	07/10/84
Sampled By			RADIAN	RADIAN	RADIAN	DHS	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS	
Date Analyzed			01/30/86	04/09/86	07/25/86	03/07/84	11/24/85	01/28/86	04/09/86	07/15/86	10/17/86	10/26/83	07/12/84
Lab			SAC	SAC	SAC	RAS	B&C	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis													
Lab Analysis			LDB										
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			CW-240	CW-240	CW-240	CW-240	CW-240	CW-256	CW-257	CW-260	CW-260	CW-260	CW-260
Date Sampled			11/13/85	02/07/86	04/04/86	07/11/86	10/23/86	04/14/86	04/14/86	08/12/83	03/19/84	06/22/84	08/10/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD		
Date Analyzed			11/24/85	02/10/86	04/09/86	07/15/86	10/27/86	04/17/86	04/17/86	09/09/83	04/02/84	07/05/84	08/17/84
Lab			B&C	SAC	SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-260	OW-260	OW-260	OW-260	OW-260	OW-260	OW-260	OW-260	OW-260	OW-261	OW-261
Date Sampled			11/21/84	07/11/85	07/11/85	09/26/85	11/01/85	01/10/86	04/18/86	04/18/86	04/18/86	08/12/83	12/28/83
Sampled By				RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD
Date Analyzed			12/04/84	07/12/85	07/14/85	10/17/85	11/13/85	01/18/86	04/23/86		04/23/86	09/09/83	01/06/84
Lab			RAS	RAS	RAS	ANLAB	B&C	SAC	SAC	MAC	SAC	RAS	RAS
Field Analysis				FDA	FDB					FDB	FDB		
Lab Analysis									LDA		LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	1.5(2.2)	ND	0.8	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
MAC = Air Force Lab at McClellan
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER OW-261	OW-261	OW-261	OW-261	OW-261	OW-261	OW-261	OW-262	OW-262	OW-262	OW-262
Date Sampled			03/19/84	06/22/84	08/10/84	11/21/84	07/11/85	11/01/85	01/14/86	11/11/85	11/11/85	07/18/86	10/23/86
Sampled By			SCHD				RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/02/84	07/03/84	08/17/84	12/04/84	07/14/85	11/13/85	01/23/86	11/22/85	11/22/85	07/22/86	10/27/86
Lab			RAS	RAS	RAS	RAS	RAS	B&C	SAC	B&C	B&C	SAC	SAC
Field Analysis										LDA	LDB		LDA
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	1.67	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14	0.10C
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OH-262	OH-263	OH-263	OH-263	OH-263	OH-263	OH-264	OH-264	OH-264	OH-264	OH-264
Date Sampled			10/23/86	08/12/83	03/20/84	06/22/84	08/10/84	11/21/84	08/12/83	03/20/84	06/22/84	08/10/84	11/21/84
Sampled By			RADIAN	SCHD	SCHD				SCHD	SCHD			
Date Analyzed			10/27/86	09/09/83	04/03/84	07/05/84	08/17/84	12/05/84	09/09/83	04/03/84	07/05/84	08/16/84	12/04/84
Lab			SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis			LDB										
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	1.0	ND	ND	ND	ND	0.4	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	0.14C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDB = Second laboratory duplicate analysis
OH = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER OM-264	OM-264	OM-264	OM-265	OM-265	OM-265	OM-265	OM-265	OM-267	OM-267	OM-267
Date Sampled			11/15/85	07/18/86	10/23/86	08/12/83	03/20/84	06/22/84	08/10/84	11/21/84	07/21/83	03/20/84	06/22/84
Sampled By			RADIAN	RADIAN	RADIAN	SCHD	SCHD				SCHD	SCHD	
Date Analyzed			11/25/85	07/22/86	10/27/86	09/09/83	04/03/84	07/05/84	08/16/84	12/04/84	07/27/83	04/03/84	07/03/84
Lab			B&C	SAC	SAC	RAS	RAS	RAS	RAS	RAS	CAL	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	0.3	ND	ND	ND	ND	0.3
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OM = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Bunn & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER										
			OW-267	OW-267	OW-268	OW-268	OW-268	OW-268	OW-268	OW-268	OW-268	OW-268	OW-268
Date Sampled			08/10/84	07/11/85	08/15/83	03/20/84	06/22/84	08/10/84	11/21/84	07/11/85	11/01/85	11/01/85	01/14/86
Sampled By				RADIAN	SCHD	SCHD				RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/16/84	07/14/85	08/17/83	04/04/84	07/03/84	08/16/84	12/04/84	07/15/85	11/13/85	11/13/85	01/23/86
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	B&C	B&C	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-269	CW-269	CW-269	CW-269	CW-269	CW-269	CW-269	CW-269	CW-269	CW-269	CW-269
Date Sampled			08/15/83	03/20/84	06/22/84	08/10/84	11/27/84	07/09/85	11/01/85	01/14/86	07/14/86	10/21/86	01/23/87
Sampled By			SCHD	SCHD				RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/17/83	04/03/84	07/05/84	08/16/84	12/05/84	07/12/85	11/13/85	01/23/86	07/23/86	10/23/86	01/29/87
Lab			RAS	RAS	RAS	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	1.2	ND	2.1	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	0.3	0.1	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-270	OW-315	OW-315	OW-330	OW-330	OW-330	OW-330	OW-330	OW-330	OW-330	OW-330
Date Sampled			11/27/84	01/20/84	02/23/84	10/17/83	06/25/84	07/03/85	10/31/85	10/31/85	01/07/86	01/07/86	04/03/86
Sampled By						DHS		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/05/84	01/31/84	02/28/84	10/27/83	07/05/84	07/08/85	11/12/85	11/13/85	01/14/86	01/14/86	04/08/86
Lab			RAS	RAS	RAS	RAS	RAS	RAS	B&C	B&C	SAC	SAC	SAC
Field Analysis													
Lab Analysis									LDA	LDB	LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-330	OW-330	OW-331	OW-331	OW-331	OW-331	OW-331	OW-331	OW-331	OW-331	OW-332
Date Sampled			07/10/86	10/15/86	10/13/83	07/03/85	11/12/85	01/07/86	04/03/86	07/09/86	10/15/86	01/20/87	10/17/83
Sampled By			RADIAN	RADIAN	DHS	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS
Date Analyzed			07/14/86	10/17/86	10/26/83	07/08/85	11/22/85	01/14/86	04/08/86	07/12/86	10/17/86	01/23/87	10/27/83
Lab			SAC	SAC	RAS	RAS	B&C	SAC	SAC	SAC	SAC	SAC	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	2.4	ND	ND	0.8(2.2)	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-332	OW-332	OW-332	OW-332	OW-332	OW-332	OW-332	OW-333	OW-333	OW-333	OW-333
Date Sampled			07/11/85	11/13/85	01/07/86	04/03/86	07/09/86	10/15/86	01/20/87	10/27/83	12/28/83	07/11/85	11/12/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS	DHS	RADIAN	RADIAN
Date Analyzed			07/16/85	11/22/85	01/14/86	04/08/86	07/12/86	10/17/86	01/23/87	11/09/83	01/07/84	07/16/85	11/22/85
Lab			RAS	B&C	SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	B&C
Field Analysis													FDA
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-333	OW-333	OW-333	OW-333	OW-333	OW-333	OW-334	OW-334	OW-334	OW-334	OW-334
Date Sampled			11/12/85	11/12/85	01/07/86	04/03/86	10/15/86	01/20/87	10/17/83	06/26/84	07/03/85	10/31/85	01/07/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS		RADIAN	RADIAN	RADIAN
Date Analyzed			11/22/85	11/22/85	01/14/86	04/08/86	10/17/86	01/26/87	10/28/83	07/06/84	07/08/85	11/12/85	01/14/86
Lab			B&C	B&C	SAC	SAC	SAC	SAC	RAS	RAS	RAS	B&C	SAC
Field Analysis			FDB	FDB									
Lab Analysis			LDA	LDB									
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	3.2	ND	ND	ND	ND	1.3	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYSES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER OW-334	OW-334	OW-334	OW-334	OW-334	OW-335	OW-335	OW-335	OW-335	OW-335	OW-335
Date Sampled			04/03/86	07/09/86	07/09/86	10/15/86	01/19/87	07/03/85	10/31/85	01/07/86	04/03/86	07/09/86	10/15/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/08/86	07/12/86	07/16/86	10/17/86	01/21/87	07/08/85	11/12/85	01/11/86	04/08/86	07/12/86	10/17/86
Lab			SAC	SAC	USAF	SAC	SAC	RAS	B&C	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-335	OW-335	OW-336	OW-336	OW-336	OW-336	OW-336	OW-336	OW-338	OW-338	OW-338
Date Sampled			10/15/86	01/19/87	10/17/83	07/03/85	10/31/85	01/07/86	04/03/86	04/03/86	07/09/86	10/15/86	01/19/87
Sampled By			RADIAN	RADIAN	DHS	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/17/86	01/21/87	10/26/83	07/09/85	11/12/85	01/14/86	04/07/86	04/07/86	07/12/86	10/17/86	01/21/87
Lab			SAC	SAC	RAS	RAS	B&C	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB						LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OH-340	OH-340	OH-340	OH-340	OH-340	OH-340	OH-340	OH-340	OH-340	OH-340	OH-340
Date Sampled			08/24/83	08/24/83	03/15/84	08/16/84	07/03/85	10/31/85	10/31/85	01/07/86	04/03/86	07/08/86	10/15/86
Sampled By			DHS	DHS	DHS		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/25/83	08/25/83	03/17/84	08/29/84	07/09/85	11/12/85	11/12/85	01/14/86	04/07/86	07/11/86	10/17/86
Lab			RAS	RAS	RAS	RAS	RAS	B&C	B&C	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB				
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	1.5	ND	3.5	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	0.1	ND	ND	ND	ND	0.2	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OH = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-340	OW-341	OW-341	OW-341	OW-341	OW-341	OW-341	OW-352	OW-352	OW-352	OW-352
Date Sampled			01/23/87	04/15/86	07/08/86	07/08/86	10/15/86	01/26/87	01/26/87	06/27/83	07/02/85	07/02/85	10/31/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		RADIAN	RADIAN	RADIAN
Date Analyzed			01/29/87	04/17/86	07/11/86	07/11/86	10/20/86	01/30/87	01/30/87		07/05/85	07/05/85	11/12/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC		RAS	RAS	B&C
Field Analysis								FDA	FDB		FDA	FDB	
Lab Analysis						LDB							
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	2.41	2.31	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OM-352	OM-352	OM-352	OM-352	OM-354	OM-354	OM-354	OM-354	OM-354	OM-354	OM-354
Date Sampled			01/16/86	04/11/86	07/11/86	10/14/86	06/27/83	07/02/85	10/31/85	12/30/85	02/07/86	04/11/86	07/11/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN		RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN
Date Analyzed			01/29/86	04/15/86	07/15/86	10/15/86		07/05/85	11/12/85		02/10/86	04/15/86	07/15/86
Lab			SAC	SAC	SAC	SAC		RAS	B&C	ANLAB	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	3.2	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OM = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-354	OW-354	OW-355	OW-355	OW-355	OW-355	OW-355	OW-355	OW-355	OW-355	OW-355
Date Sampled			10/14/86	10/14/86	06/27/83	06/25/84	07/02/85	11/13/85	11/13/85	11/13/85	01/16/86	07/09/86	07/09/86
Sampled By			RADIAN	RADIAN			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/15/86	10/15/86		07/05/84	07/08/85	11/22/85	11/22/85		01/20/86	07/16/86	07/12/86
Lab			SAC	SAC		RAS	RAS	B&C	B&C	B&C	SAC	USAF	SAC
Field Analysis								FDA	FDB	FDB			
Lab Analysis			LDA	LDB					LDA	LDB			LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND
Total 1,2-Dichloroethene	16	NE	0.11C	0.15NC	ND	ND	ND	ND	ND	ND	0.1	ND	ND
Chloroform	100	100	0.11C	0.16NC	ND	ND	ND	ND	ND	ND	0.1	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.46C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	0.4	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

NC = Result was not confirmed in second column analysis
ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-355	OW-355	OW-356	OW-356	OW-356	OW-356	OW-356	OW-358	OW-358	OW-358	OW-358
Date Sampled			07/09/86	10/14/86	06/27/83	07/02/85	07/02/85	10/31/85	01/20/86	11/09/79	06/27/83	01/20/84	07/02/85
Sampled By			RADIAN	RADIAN		RADIAN	RADIAN	RADIAN	RADIAN			SCHD	RADIAN
Date Analyzed			07/12/86	10/15/86		07/08/85	07/08/85	11/12/85	01/30/86			01/31/84	07/08/85
Lab			SAC	SAC		RAS	RAS	B&C	SAC	ANLAB		RAS	RAS
Field Analysis						FDA	FDB						
Lab Analysis			LDB										
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	1.1	1.9	ND	0.2	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-358	OW-358	OW-358	OW-358	OW-358	OW-358	OW-359	OW-359	OW-359	OW-359	OW-359
Date Sampled			11/13/85	02/07/86	04/11/86	07/09/86	10/14/86	10/14/86	06/24/83	11/14/84	04/02/85	07/02/85	10/31/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN				RADIAN	RADIAN
Date Analyzed			11/24/85	02/10/86	04/15/86	07/12/86	10/15/86	10/15/86		11/20/84	04/03/85	07/08/85	11/12/85
Lab			B&C	SAC	SAC	SAC	SAC	SAC	CAL	RAS	RAS	RAS	B&C
Field Analysis							FDA	FDB					FDA
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	0.7	1.7	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OH-359	OH-359	OH-359	OH-359	OH-359	OH-359	OH-359	OH-360	OH-360	OH-360	OH-360
Date Sampled			10/31/85	10/31/85	01/24/86	02/12/86	04/14/86	07/09/86	10/15/86	06/24/83	03/12/84	11/14/84	07/02/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		DHS		RADIAN
Date Analyzed			11/12/85	11/14/85	01/28/86	02/17/86	04/16/86	07/12/86	10/17/86		03/17/84	11/21/84	07/05/85
Lab			B&C	B&C	CML	SAC	SAC	SAC	SAC	CAL	RAS	RAS	RAS
Field Analysis			FDB	FDB									
Lab Analysis			LDA	LDB									
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	2.57
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND	1.95
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LCQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OH = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
CML = California Water Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LCQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-360	OW-360	OW-360	OW-360	OW-360	OW-361	OW-361	OW-361	OW-361	OW-361	OW-361
Date Sampled			10/31/85	02/07/86	04/14/86	07/11/86	10/22/86	11/29/84	07/03/85	01/20/86	04/14/86	10/22/86	01/23/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/13/85	02/10/86	04/16/86	07/15/86	10/24/86	12/10/84	07/08/85	01/30/86	04/16/86	10/24/86	01/29/87
Lab			B&C	SAC	SAC	SAC	SAC	RAS	RAS	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.6	0.3	0.2	ND	0.22	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	0.4	ND	0.32	0.19C	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.5	0.8	0.5	0.79	0.33C	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-361	CW-363	CW-363	CW-363	CW-363	CW-363	CW-363	CW-363	CW-363	CW-363	CW-363
Date Sampled			01/23/87	06/28/83	08/24/83	12/22/83	08/16/84	08/16/84	08/16/84	10/02/84	03/28/85	07/03/85	10/31/85
Sampled By			RADIAN			DHS						RADIAN	RADIAN
Date Analyzed			01/29/87			01/03/84	08/29/84	09/07/84	09/10/84	10/16/84	04/01/85	07/08/85	11/12/85
Lab			SAC			RAS		RAS		RAS	RAS	RAS	B&C
Field Analysis													
Lab Analysis			LDB										
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	1.3	ND	5.3	ND	2.1	3.7	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	33.0	1.2	15.2	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	1.42	5.0	2.5	2.6	2.5	4.8	4.9	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	0.64	2.2	1.1	0.8	0.9	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	0.61	0.6	ND	0.8	0.5	2.2	1.6	0.8
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDB = Second laboratory duplicate analysis
CW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-363	OW-363	OW-363	OW-363	OW-365	OW-365	OW-365	OW-365	OW-365	OW-365	OW-365
Date Sampled			01/23/86	01/24/86	04/14/86	10/22/86	06/28/83	08/24/83	11/15/85	11/15/85	01/20/86	04/11/86	07/11/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/05/86	01/28/86	04/16/86	10/24/86			11/25/85	11/25/85	01/30/86	04/15/86	07/15/86
Lab			SAC	CML	SAC	SAC			B&C	B&C	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	3.0	1.6	3.9	2.3C	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	0.6	1.9	0.50	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1.1	0.5	0.7	0.56C	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
CML = California Water Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-365	OW-365	OW-452	OW-454	OW-454	OW-454	OW-454	OW-454	OW-454	OW-454	OW-454
Date Sampled			10/22/86	01/19/87	01/20/84	03/20/84	03/28/85	07/03/85	11/13/85	01/16/86	04/14/86	07/11/86	10/22/86
Sampled By			RADIAN	RADIAN	DHS	DHS		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/24/86	01/21/87	01/31/84	04/03/84	04/01/85	07/08/85	11/24/85	01/29/86	04/16/86	07/15/86	10/24/86
Lab			SAC	SAC	RAS	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis 1,3 Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2- [illegible]ethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-454	OW-472	OW-472	OW-472	OW-472	OW-472	OW-472	OW-472	OW-472	OW-478	OW-478
Date Sampled			01/19/87	04/17/84	07/07/85	11/13/85	01/16/86	04/14/86	07/11/86	07/11/86	10/22/86	08/24/83	12/22/83
Sampled By			RADIAN	DHS	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD
Date Analyzed			01/21/87	04/19/84	07/10/85	11/22/85	01/29/86	04/16/86	07/15/86	07/15/86	10/24/86	08/25/83	01/03/84
Lab			SAC	RAS	RAS	B&C	SAC	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis									LDA	LDB			
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	2.63	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.43
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-478	OW-478	OW-478	OW-478	OW-478	OW-484	OW-485	OW-485	OW-503	OW-503	OW-503
Date Sampled			03/12/84	07/18/84	08/24/84	12/12/84	03/28/85	01/20/84	01/20/84	02/23/84	03/15/84	10/31/85	11/13/85
Sampled By			DHS					SCHD	SCHD	SCHD	DHS	RADIAN	RADIAN
Date Analyzed			03/17/84	07/24/84	08/30/84	12/14/84	04/01/85	01/31/84	01/31/84	02/28/84	03/17/84	11/12/85	11/24/85
Lab			RAS	RAS	RAS		RAS	RAS	RAS	RAS	RAS	B&C	B&C
Field Analysis													
Lab Analysis												LDB	LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	1.0	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.2	0.2	ND	ND	1.6	ND	0.1	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-503	OW-520	OW-520	OW-520	OW-520	OW-520	OW-520	OW-537	OW-537	OW-537	OW-537
Date Sampled			01/16/86	06/24/83	07/12/85	04/15/86	04/15/86	07/09/86	10/23/86	06/28/83	11/28/84	04/15/86	04/15/86
Sampled By			RADIAN		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN			RADIAN	RADIAN
Date Analyzed			01/29/86		07/17/85	04/18/86		07/12/86	10/27/86		12/05/84	04/18/86	04/18/86
Lab			SAC	CAL	RAS	SAC	MAC	SAC	SAC		RAS	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services
MAC = Air Force Lab at McClellan
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-537	OW-537	OW-537	OW-537	OW-541	OW-541	OW-541	OW-541	OW-541	OW-541	OW-541
Date Sampled			07/10/86	07/10/86	10/20/86	01/30/87	06/20/83	06/06/84	08/13/84	11/01/84	03/21/85	07/08/85	11/12/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN						RADIAN	RADIAN
Date Analyzed			07/14/86	07/16/86	10/21/86	02/02/87		06/18/84	08/24/84	11/17/84	03/25/85	07/11/85	11/22/85
Lab			SAC	USAF	SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS	B&C
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.84	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OM-541	OM-542	OM-542	OM-542	OM-542	OM-542	OM-542	OM-542	OM-542	OM-542	OM-542
Date Sampled			01/09/86	06/20/83	03/06/84	06/06/84	08/13/84	11/01/84	03/21/85	07/08/85	11/06/85	11/06/85	01/09/86
Sampled By			RADIAN		RWQCB					RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/17/86		03/16/84	06/18/84	08/23/84	11/17/84	03/26/85	07/11/85	11/19/85	11/19/85	01/17/86
Lab			SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS	B&C	B&C	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	2.07	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OM = Off base residential well

RADIAN = Radian Corporation, Sacramento
RWQCB = Regional Water Quality Control Board
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	CHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-542	OW-542	OW-542	OW-542	OW-543	OW-543	OW-543	OW-543	OW-543	OW-543	OW-543
Date Sampled			04/14/86	04/14/86	07/14/86	10/13/86	10/25/83	11/01/84	03/21/85	07/08/85	11/06/85	01/09/86	01/09/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	SCHD			RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/17/86		07/17/86	10/14/86	11/01/83	11/16/84	03/26/85	07/11/85	11/19/85	01/17/86	01/17/86
Lab			SAC	MAC	SAC	SAC	RAS	RAS	RAS	RAS	B&C	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	2.53	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
MAC = Air Force Lab at McClellan
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER OM-543	OM-543	OM-543	OM-543	OM-543	OM-544	OM-544	OM-544	OM-544	OM-544	OM-544
Date Sampled			04/14/86	04/14/86	07/14/86	07/14/86	10/13/86	07/21/83	07/11/85	11/06/85	01/09/86	10/28/86	10/28/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/17/86		07/17/86	07/17/86	10/14/86	07/27/83	07/15/85	11/19/85	01/17/86	11/13/86	10/30/86
Lab			SAC	MAC	SAC	SAC	SAC	CAL	RAS	B&C	SAC	ELI	SAC
Field Analysis			FDA	FDB									FDA
Lab Analysis					LDA	LDB						LDA	LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OM = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
MAC = Air Force Lab at McClellan
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OH-544	OH-544A	OH-544A	OH-550	OH-560	OH-568	OH-582	OH-582	OH-599	OH-617	OH-617
Date Sampled			10/28/86	10/28/86	10/31/86	10/27/83	10/27/83	11/01/83	11/15/79	01/29/80	01/24/86	12/05/83	04/09/85
Sampled By			RADIAN	RADIAN	RADIAN	SCHD	SCHD	SCHD			RADIAN	SCHD	
Date Analyzed			10/30/86	10/30/86	11/13/86	11/04/83	11/04/83	11/14/83			02/06/86	12/12/83	04/10/85
Lab			SAC	SAC	ELI	RAS	RAS	RAS	ANLAB	CAL	SAC	RAS	RAS
Field Analysis			FDA	FDB									
Lab Analysis			LDB		LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	17	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis
OH = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
CAL = California Analytical Labs
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-618	OW-620	OW-620	OW-620	OW-620	OW-620	OW-620	OW-620	OW-620	OW-620	OW-620
Date Sampled			06/20/84	09/21/83	06/20/84	08/07/84	08/30/84	11/15/84	03/20/85	07/10/85	09/26/85	11/05/85	01/15/86
Sampled By				SCHD						RADIAN	USAF	RADIAN	RADIAN
Date Analyzed			06/28/84	09/27/83	06/29/84	08/13/84	09/05/84	11/21/84	03/22/85	07/12/85	10/17/85	11/17/85	01/26/86
Lab			RAS	CAL	RAS	RAS	RAS	RAS	RAS	RAS	ANLAB	B&C	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	7.7	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	7.9	0.5	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	0.3	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-620	OW-620	OW-620	OW-620	OW-621	OW-621	OW-621	OW-621	OW-621	OW-621	OW-621
Date Sampled			04/08/86	07/14/86	10/16/86	10/16/86	11/15/79	02/27/80	01/19/81	08/15/83	03/15/84	04/24/84	06/20/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN				SCHD	SCHD	SCHD	
Date Analyzed			04/11/86	07/17/86	10/20/86	10/20/86				08/17/83	03/29/84	04/25/84	06/29/84
Lab			SAC	SAC	SAC	SAC	ANLAB	CAL	CAL	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis					LDA	LDB							
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	25.4	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
CAL = California Analytical Labs
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-621	OW-621	OW-621	OW-621	OW-621	OW-621	OW-621	Ow-621	OW-621	OW-622	OW-622
Date Sampled			08/07/84	11/15/84	07/09/85	11/04/85	11/04/85	01/15/86	04/08/86	04/08/86	10/28/86	11/27/84	03/20/85
Sampled By					RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		
Date Analyzed			08/13/84	11/21/84	07/12/85	11/14/85	11/14/85	01/26/86	04/11/86	04/11/86	10/30/86	12/05/84	03/22/85
Lab			RAS	RAS	RAS	B&C	B&C	SAC	SAC	SAC	SAC		RAS
Field Analysis						FDA	FDB						
Lab Analysis									LDA	LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-622	OW-622	OW-622	OW-622	OW-622	OW-622	OW-622	OW-623	OW-623	OW-623	OW-623
Date Sampled			07/12/85	09/26/85	11/04/85	01/15/86	04/08/86	07/14/86	10/16/86	11/01/83	03/15/84	06/20/84	08/07/84
Sampled By			RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD		
Date Analyzed			07/17/85	10/17/85	11/15/85	01/26/86	04/11/86	07/17/86	10/20/86	11/14/83	03/29/84	06/29/84	08/13/84
Lab			RAS	ANLAB	B&C	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	0.1
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-623	OW-623	OW-623	OW-623	OW-623	OW-623	OW-623	OW-623	OW-623	OW-624	OW-624
Date Sampled			11/15/84	03/20/85	07/05/85	09/26/85	11/04/85	01/15/86	04/08/86	07/14/86	10/16/86	11/15/84	03/20/85
Sampled By					RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		
Date Analyzed			11/26/84	03/22/85	07/09/85	10/17/85	11/15/85	01/26/86	04/11/86	07/17/86	10/20/86	11/26/84	03/22/85
Lab			RAS	RAS	RAS	ANLAB	B&C	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER OW-624	OW-624A	OW-624A	OW-624A	OW-624A	OW-624A	OW-624A	OW-624A	OW-624A	OW-625	OW-625
Date Sampled			07/05/85	07/11/85	09/26/85	11/04/85	11/04/85	01/15/86	04/08/86	07/14/86	10/20/86	10/24/83	03/15/84
Sampled By			RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD
Date Analyzed			07/10/85	07/12/85	10/17/85	11/14/85	11/14/85	01/26/86	04/11/86	07/17/86	10/21/86	11/01/83	03/19/84
Lab			RAS	RAS	ANLAB	B&C	B&C	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis			FDA	FDB									
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	0.4	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-625	OW-625	OW-625	OW-625	OW-625	OW-625	OW-625	OW-625	OW-625	OW-625	OW-626
Date Sampled			06/20/84	11/15/84	03/21/85	07/05/85	09/26/85	11/04/85	01/15/86	04/08/86	07/15/86	10/20/86	11/15/84
Sampled By						RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	
Date Analyzed			06/29/84	11/26/84	03/22/85	07/10/85	10/17/85	11/14/85	01/26/86	04/11/86	07/24/86	10/21/86	11/21/84
Lab			RAS	RAS	RAS	RAS	ANLAB	B&C	SAC	SAC	SAC	SAC	RAS
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-626	OW-626	OW-626	OW-626	OW-626	OW-626	OW-626	OW-626	OW-626	OW-627	OW-627
Date Sampled			03/21/85	07/10/85	07/10/85	09/26/85	11/04/85	01/15/86	04/08/86	07/15/86	10/20/86	11/15/84	03/21/85
Sampled By				RADIAN	RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		
Date Analyzed			03/22/85	07/15/85	07/15/85	10/17/85	11/15/85	01/26/86	04/11/86	07/24/86	10/21/86	11/26/84	03/22/85
Lab			RAS	RAS	RAS	ANLAB	B&C	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis				FDA	FDB								
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-627	OW-627	OW-627	OW-627	OW-627	OW-627	OW-627	OW-628	OW-628	OW-628	OW-628
Date Sampled			07/05/85	11/04/85	01/17/86	04/08/86	07/15/86	10/16/86	10/16/86	10/24/83	03/15/84	06/20/84	08/06/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD		
Date Analyzed			07/10/85	11/14/85	01/29/86	04/11/86	07/24/86	10/20/86	10/20/86	11/01/83	03/19/84	06/29/84	08/08/84
Lab			RAS	B&C	SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS
Field Analysis								FDA	FDB				
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	1.7	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.8	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethene	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-628	OW-628	OW-628	OW-628	OW-628	OW-628	OW-628	OW-628	OW-629	OW-629	OW-629
Date Sampled			11/15/84	03/21/85	07/10/85	11/04/85	01/15/86	04/08/86	07/15/86	10/20/86	11/19/84	07/10/85	11/04/85
Sampled By					RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		RADIAN	RADIAN
Date Analyzed			11/26/84	03/25/85	07/15/85	11/15/85	10/26/86	04/11/86	07/24/86	10/21/86	11/28/84	07/15/85	11/15/85
Lab			RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	RAS	RAS	B&C
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	-	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-629	OW-629	OW-630	OW-630	OW-630	OW-630	OW-630	OW-630	OW-630	OW-630	OW-630
Date Sampled			01/23/86	04/09/86	11/03/83	03/15/84	06/20/84	08/06/84	11/19/84	03/21/85	07/02/85	11/04/85	01/15/86
Sampled By			RADIAN	RADIAN	SCHD	SCHD					RADIAN	RADIAN	RADIAN
Date Analyzed			02/05/86	04/13/86	11/15/83	03/19/84	06/29/84	08/08/84	11/28/84	03/25/85	07/10/85	11/15/85	01/26/86
Lab			SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS	B&C	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	2.89	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	0.6	ND	ND	ND	5.7	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-630	OW-630	OW-630	OW-630	OW-630	OW-631	OW-631	OW-631	OW-631	OW-631	OW-631
Date Sampled			04/09/86	04/09/86	07/15/86	10/20/86	10/20/86	10/17/83	03/15/84	06/20/84	08/07/84	11/19/84	03/21/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD				
Date Analyzed			04/13/86	04/13/86	07/24/86	10/21/86	10/21/86	10/31/83	03/19/84	06/29/84	08/13/84	11/28/84	03/25/85
Lab			SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis			LDA	LDB		LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	0.25	ND	ND	0.7	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER OW-631	OW-631	OW-631	OW-631	OW-631	OW-631	OW-631	OW-632	OW-632	OW-632	OW-632
Date Sampled			07/05/85	11/04/85	11/04/85	01/15/86	04/09/86	07/15/86	10/20/86	10/17/83	03/15/84	06/21/84	08/07/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD		
Date Analyzed			07/10/85	11/15/85	11/15/85	01/26/86	04/13/86	07/24/86	10/21/86	10/28/83	03/29/84	06/29/84	08/13/84
Lab			RAS	B&C	B&C	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis				LDA	LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	2.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER OW-632	OW-632	OW-632	OW-632	OW-632	OW-632	OW-632	OW-632	OW-633	OW-633	OW-633
Date Sampled			11/19/84	03/21/85	07/05/85	11/04/85	01/15/86	04/09/86	07/15/86	10/20/86	11/19/79	02/27/80	08/10/83
Sampled By					RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN			SCHD
Date Analyzed			11/28/84	03/25/85	07/10/85	11/15/85	01/26/86	04/13/86	07/24/86	10/21/86			08/17/83
Lab			RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	ANLAB	CAL	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-633	OW-633	OW-633	OW-633	OW-633	OW-633	OW-633	OW-633	OW-633	OW-633	OW-633
Date Sampled			03/19/84	03/28/84	04/12/84	06/20/84	08/07/84	11/19/84	03/20/85	07/05/85	07/05/85	11/04/85	01/17/86
Sampled By			SCHD							RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/02/84	04/04/84	04/13/84	06/29/84	08/13/84	11/28/84	03/22/85	07/10/85	07/10/85	11/15/85	01/29/86
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	B&C	SAC
Field Analysis										FDA	FDB		
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NA	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			GW-633	GW-633	GW-633	GW-633	GW-634	GW-634	GW-634	GW-634	GW-634	GW-634	GW-636
Date Sampled			04/09/86	07/15/86	07/15/86	10/20/86	12/05/79	06/30/83	03/20/84	06/21/84	08/07/84	11/19/84	08/12/83
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN			SCHD				SCHD
Date Analyzed			04/13/86	07/22/86	07/22/86	10/21/86			04/04/84	06/29/84	08/13/84	11/28/84	09/09/83
Lab			SAC	SAC	SAC	SAC	ANLAB		RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis				LDA	LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LCQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
GW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LCQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			CW-636	CW-637	CW-637	CW-637	CW-637	CW-637	CW-637	CW-637	CW-637	CW-637	CW-637
Date Sampled			01/20/84	11/26/84	04/03/85	07/09/85	11/01/85	11/01/85	01/14/86	04/04/86	07/14/86	10/21/86	01/22/87
Sampled By						RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/31/84	12/05/84	04/04/85	07/12/85	11/13/85	11/13/85	01/23/86	04/10/86	07/23/86	10/23/86	01/28/87
Lab			RAS	RAS	RAS	RAS	B&C	B&C	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-639	OW-639	OW-639	OW-639	OW-639	OW-639	OW-639	OW-639	OW-639	OW-639	OW-640
Date Sampled			08/15/83	11/26/84	04/03/85	07/09/85	11/01/85	01/09/86	04/04/86	07/14/86	10/21/86	01/22/87	08/15/83
Sampled By			SCHD			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD
Date Analyzed			08/17/83	12/05/84	04/04/85	07/12/85	11/13/85	01/17/86	04/09/86	07/23/86	10/23/86	01/28/87	08/17/83
Lab			RAS	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	SAC	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	0.26	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	NC	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	0.8	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-640	OW-640	OW-640	OW-640	OW-640	OW-640	OW-640	OW-640	OW-640	OW-641	OW-641
Date Sampled			11/27/84	04/03/85	07/09/85	11/01/85	01/09/86	04/04/86	07/14/86	10/21/86	01/22/87	08/15/83	12/28/83
Sampled By					RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD
Date Analyzed			12/05/84	04/05/85	07/12/85	11/13/85	10/17/86	04/10/86	07/23/86	10/23/86	01/28/87	08/17/83	01/06/84
Lab			RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	0.13	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	0.3	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OM-641	OM-641	OM-641	OM-641	OM-641	OM-641	OM-641	OM-641	OM-641	OM-641	OM-642
Date Sampled			11/27/84	04/03/85	07/09/85	11/01/85	11/01/85	01/09/86	04/04/86	07/14/86	10/21/86	01/22/87	08/12/83
Sampled By					RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD
Date Analyzed			12/05/84	04/04/85	07/12/85	11/13/85	11/14/85	01/17/86	04/10/86	07/17/86	10/23/86	01/28/87	09/09/83
Lab			RAS	RAS	RAS	B&C	B&C	SAC	SAC	SAC	SAC	SAC	RAS
Field Analysis													
Lab Analysis						LDA	LDB						
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Trichlorofluoroethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Dibromochloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OM = Off base residential well

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B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OM-642	OM-642	OM-642	OM-643	OM-643	OM-643	OM-644	OM-646	OM-649	OM-651	OM-652
Date Sampled			12/28/83	01/17/86	01/17/86	08/12/83	04/09/85	01/17/86	10/17/83	08/16/83	08/16/83	08/16/83	08/16/83
Sampled By			SCHD	RADIAN	RADIAN	SCHD		RADIAN	SCHD	SCHD	SCHD	SCHD	SCHD
Date Analyzed			01/06/84	01/29/86	01/29/86	09/09/83	04/10/85	01/29/86	10/31/83	08/19/83	08/19/83	08/19/83	08/19/83
Lab			RAS	SAC	SAC	RAS	RAS	SAC	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis				LDA	LDB								
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

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LDB = Second laboratory duplicate analysis
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SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-654	OW-654	OW-654	OW-654	OW-661	OW-661	OW-662	OW-662	OW-662	OW-662	OW-662
Date Sampled			11/29/79	08/19/83	04/10/86	04/14/86	11/02/84	03/21/85	11/19/79	11/01/83	08/16/84	11/02/84	07/12/85
Sampled By				SCHD	RADIAN	RADIAN				SCHD			RADIAN
Date Analyzed				08/24/83	04/14/86	04/16/86	11/18/84	03/26/85		11/14/83	08/29/84	11/18/84	07/16/85
Lab				RAS	SAC	SAC	RAS	RAS	ANLAB	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis					LDA	LDB							
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	59.0	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-662	OW-662	OW-662	OW-662	OW-662	OW-662	OW-663	OW-663	OW-663	OW-663	OW-663
Date Sampled			11/06/85	11/06/85	01/09/86	04/07/86	10/27/86	01/21/87	12/05/83	12/04/84	04/08/85	07/10/85	11/06/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD			RADIAN	RADIAN
Date Analyzed			11/19/85	11/19/85	01/17/86	04/12/86	10/28/86	01/26/87	12/12/83	12/10/84	04/10/85	07/12/85	11/19/85
Lab			B&C	B&C	SAC	SAC	SAC	SAC	RAS		RAS	RAS	B&C
Field Analysis													
Lab Analysis			LDA	LDB									
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	3.4	ND	2.1	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

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OW = Off base residential well

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-663	OW-663	OW-663	OW-663	OW-663	OW-664	OW-666	OW-666	OW-666	OW-666	OW-666
Date Sampled			01/09/86	04/07/86	07/14/86	10/13/86	01/21/87	01/09/86	06/30/83	11/02/84	04/08/85	07/10/85	09/27/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN				RADIAN	USAF
Date Analyzed			01/17/86	04/12/86	07/18/86	10/14/86	01/26/87	01/17/86		11/17/84	04/10/85	07/12/85	10/22/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC		RAS	RAS	RAS	ANLAB
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-666	OW-666	OW-666	OW-666	OW-666	OW-666	OW-667	OW-667	OW-667	OW-667	OW-667
Date Sampled			11/06/85	11/06/85	04/07/86	07/16/86	10/13/86	01/21/87	11/02/84	04/08/85	07/10/85	09/27/85	01/09/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN			RADIAN	USAF	RADIAN
Date Analyzed			11/19/85	11/19/85	04/12/86	07/25/86	10/14/86	01/26/87	11/18/84	04/10/85	07/12/85	10/22/85	01/17/86
Lab			B&C	B&C	SAC	SAC	SAC	SAC	RAS	RAS	RAS	ANLAB	SAC
Field Analysis			FDA	FDB									
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-667	OW-667	OW-667	OW-667	OW-668	OW-668	OW-673	OW-682	OW-695	OW-721	OW-751
Date Sampled			04/07/86	07/16/86	10/13/86	01/21/87	11/03/83	11/12/85	11/03/83	11/03/83	11/15/79	02/27/80	11/29/79
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	SCHD	RADIAN	SCHD	SCHD			
Date Analyzed			04/12/86	07/25/86	10/14/86	01/26/87	11/15/83	11/22/85	11/15/83	11/15/83			
Lab			SAC	SAC	SAC	SAC	RAS	B&C	RAS	RAS	ANLAB	CAL	ANLAB
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	25.2	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-751	OW-760	OW-808	OW-810	OW-810	OW-810	OW-810	OW-810	OW-810	OW-810	OW-810
Date Sampled			10/27/83	11/03/83	02/27/84	10/17/83	03/12/84	03/28/85	07/01/85	12/10/85	01/21/86	04/04/86	07/07/86
Sampled By			SCHD	SCHD	SCHD	DHS	DHS		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/02/83	11/15/83	03/07/84	10/31/83	03/17/84	04/04/85	07/03/85		02/03/86	04/09/86	07/10/86
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	2.7	ND	2.6	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	0.8	1.7	ND	0.2	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DFS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-810	OW-810	OW-812	OW-813	OW-813	OW-813	OW-813	OW-813	OW-813	OW-813	OW-813
Date Sampled			10/13/86	10/13/86	10/19/83	11/03/79	10/19/83	10/19/83	12/29/83	03/16/84	06/25/84	11/28/84	04/10/85
Sampled By			RADIAN	RADIAN			SCHD		SCHD	RWQCB			
Date Analyzed			10/14/86	10/14/86			11/01/83	11/10/83	01/09/84	03/30/84	07/03/84	12/05/84	04/15/85
Lab			SAC	SAC		ANLAB	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis			FDA	FDB									
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	2.7	2.7	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	0.5	0.5	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RWQCB = Regional Water Quality Control Board
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-813	OW-813	OW-813	OW-825	OW-826	OW-828	OW-828	OW-828	OW-828	OW-828	OW-828
Date Sampled			07/12/85	11/13/85	01/16/86	03/22/84	02/27/84	02/27/84	04/10/85	11/13/85	01/16/86	10/27/86	01/19/87
Sampled By				RADIAN	RADIAN	DHS	DHS	DHS		RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/17/85	11/24/85	01/29/86	04/04/84	03/07/84	03/07/84	04/15/85	11/24/85	01/29/86	10/28/86	01/21/87
Lab			RAS	B&C	SAC	RAS	RAS	RAS	RAS	B&C	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	0.3	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.68C
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-829	OW-829	OW-829	OW-829	OW-829	OW-829	OW-843	OW-860	OW-861	OW-868	OW-868
Date Sampled			12/05/83	04/10/85	07/12/85	10/27/86	10/27/86	10/27/86	11/15/79	01/20/84	01/20/84	11/03/79	01/19/81
Sampled By			SCHD		RADIAN	RADIAN	RADIAN	RADIAN		SCHD	SCHD		
Date Analyzed			12/12/83	04/15/85	07/16/85	11/13/86	10/28/86	10/28/86		01/31/84	01/31/84		
Lab			RAS	RAS	RAS	ELI	SAC	SAC	ANLAB	RAS	RAS	ANLAB	
Field Analysis							FDA	FDB					
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	3.2	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	13.3	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DES Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-868	OW-868	OW-868	OW-868	OW-869	OW-869	OW-869	OW-869	OW-869	OW-869	OW-869
Date Sampled			08/24/83	04/16/86	04/16/86	07/18/86	08/25/83	04/12/84	06/25/84	08/13/84	04/16/86	04/16/86	07/17/86
Sampled By			SCHD	RADIAN	RADIAN	RADIAN	SCHD	SCHD			RADIAN	RADIAN	RADIAN
Date Analyzed			08/25/83	04/22/86		07/22/86	09/02/83	04/13/84	07/03/84	08/20/84	04/22/86		07/18/86
Lab			RAS	SAC	MAC	SAC	RAS	RAS	RAS	RAS	SAC	MAC	SAC
Field Analysis				FDA	FDB						FDA	FDB	
Lab Analysis													LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5(2.2)	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	0.4	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
MAC = Air Force Lab at McClellan
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER GW-869	GW-869	GW-880	GW-885	GW-885	GW-885	GW-885	GW-885	GW-887	GW-887	GW-889
Date Sampled			07/17/86	10/23/86	11/29/79	11/02/83	11/06/85	01/10/86	01/10/86	01/24/86	11/01/83	11/15/85	11/01/83
Sampled By			RADIAN	RADIAN		SCHD	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	RADIAN	SCHD
Date Analyzed			07/22/86	10/27/86		11/14/83	11/19/85	01/18/86	01/13/86	02/06/86	11/14/83	11/25/85	11/14/83
Lab			SAC	SAC	ANLAB	RAS	B&C	SAC	SAC	SAC	RAS	B&C	RAS
Field Analysis													
Lab Analysis			LDB					LDA	LDB				
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

All [illegible] ug/L.

LDA = First Laboratory duplicate analysis
LDB = Second Laboratory duplicate analysis
GW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-889	OW-889	OW-889	OW-889	OW-889	OW-889	OW-889	OW-889	OW-889	OW-892	OW-892
Date Sampled			12/18/84	09/27/85	11/06/85	01/14/86	04/10/86	04/10/86	07/14/86	10/21/86	01/21/87	10/25/83	03/19/84
Sampled By				USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD
Date Analyzed			12/21/84	10/22/85	11/19/85	01/23/86	04/14/86	04/14/86	07/23/86	10/23/86	01/27/87	11/02/83	04/02/84
Lab				ANLAB	B&C	SAC	SAC	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis													
Lab Analysis							LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LCQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LCQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-892	OW-892	OW-892	OW-892	OW-892	OW-892	OW-892	OW-892	OW-892	OW-892	OW-892
Date Sampled			06/21/84	08/08/84	11/19/84	04/02/85	07/09/85	09/26/85	11/04/85	01/10/86	04/07/86	07/14/86	07/14/86
Sampled By							RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			06/29/84	08/14/84	11/28/84	04/04/85	07/11/85	10/17/85	11/15/85	01/18/86	04/12/86	07/23/86	07/23/86
Lab			RAS	RAS	RAS	RAS	RAS	ANLAB	B&C	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-892	OW-892	OW-893	OW-893	OW-893	OW-893	OW-893	OW-893	OW-893	OW-893	OW-893
Date Sampled			10/21/86	01/21/87	11/19/84	04/02/85	07/10/85	09/26/85	11/01/85	01/10/86	04/07/86	07/14/86	10/21/86
Sampled By			RADIAN	RADIAN			RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/86	01/26/87	11/28/84	04/04/85	07/12/85	10/17/85	11/13/85	01/18/86	04/12/86	07/23/86	10/23/86
Lab			SAC	SAC	RAS	RAS	RAS	ANLAB	B&C	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-893	OW-894	OW-894	OW-894	OW-894	OW-894	OW-894	OW-894	OW-894	OW-894	OW-894
Date Sampled			01/21/87	11/19/84	04/02/85	07/09/85	07/09/85	11/01/85	11/01/85	01/14/86	01/14/86	04/07/86	07/14/86
Sampled By			RADIAN			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/27/87	11/28/84	04/04/85	07/11/85	07/11/85	11/13/85	11/13/85	01/23/86	01/23/86	04/12/86	07/23/86
Lab			SAC	RAS	RAS	RAS	RAS	B&C	B&C	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB	FDA	FDB				
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHF Action Level	U.S.EPA Primary MCL	WELL NUMBER GW-894	GW-894	GW-895	GW-895	GW-895	GW-895	GW-895	GW-895	GW-895	GW-895	GW-895
Date Sampled			10/21/86	01/22/87	06/28/84	11/19/84	12/18/84	04/02/85	07/09/85	11/01/85	01/10/86	04/07/86	07/14/86
Sampled By			RADIAN	RADIAN					RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/86	01/27/87	07/06/84	12/04/84	12/21/84	04/05/85	07/11/85	11/13/85	01/18/86	04/11/86	07/23/86
Lab			SAC	SAC	RAS	RAS		RAS	RAS	B&C	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	0.3	0.2	0.1	0.20
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
GW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CH-895	CH-895	CH-896	CH-896	CH-896	CH-896	CH-896	CH-896	CH-896	CH-896	CH-896
Date Sampled			10/21/86	01/22/87	10/17/83	12/28/83	03/19/84	06/21/84	08/08/84	11/19/84	04/02/85	07/10/85	11/01/85
Sampled By			RADIAN	RADIAN	SCHD	SCHD	SCHD					RADIAN	RADIAN
Date Analyzed			10/23/86	01/27/87	10/28/83	01/06/84	04/02/84	06/29/84	08/14/84	12/04/84	04/05/85	07/12/85	11/13/85
Lab			SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	B&C
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
CH = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-896	OW-896	OW-896	OW-896	OW-896	OW-896	OW-897	OW-897	OW-897	OW-897	OW-897
Date Sampled			01/10/86	04/07/86	04/07/86	07/14/86	10/21/86	01/22/87	11/19/84	01/20/86	04/07/86	07/14/86	10/22/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/18/86	04/12/86	04/12/86	07/23/86	10/23/86	01/27/87	12/04/84	01/30/86	04/12/86	07/23/86	10/24/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	RAS	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	0.9	0.8	0.9	1.1	0.99C	0.54C	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-897	OW-898	OW-898	OW-898	OW-898	OW-898	OW-898	OW-898	OW-898	OW-898	OW-898
Date Sampled			01/22/87	11/19/84	04/02/85	07/09/85	11/01/85	01/10/86	04/04/86	07/14/86	10/21/86	10/21/86	01/22/87
Sampled By			RADIAN			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/27/87	12/04/84	04/05/85	07/11/85	11/13/85	01/18/86	04/10/86	07/23/86	10/23/86	10/23/86	01/27/87
Lab			SAC	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis											LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	0.20	ND	ND	ND
Dibromochloroethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	0.1	0.3	ND	0.20C	0.35C	0.86C
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-899	OW-899	OW-899	OW-899	OW-899	OW-899	OW-899	OW-899	OW-899	OW-899	OW-899
Date Sampled			06/28/84	11/19/84	04/02/85	07/10/85	11/01/85	01/10/86	04/04/86	07/14/86	10/21/86	01/22/87	01/22/87
Sampled By						RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/05/84	12/04/84	04/05/85	07/12/85	11/13/85	01/18/86	04/10/86	07/23/86	10/23/86	01/28/87	01/28/87
Lab			RAS	RAS	RAS	RAS	B&C	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis												FDA	FDB
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	0.1	ND	0.38	0.50C	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-899	OW-900	OW-900	OW-900	OW-900	OW-900	OW-901	OW-902	OW-902	OW-902	OW-902
Date Sampled			01/22/87	08/12/83	03/19/84	06/21/84	08/08/84	11/19/84	11/19/84	10/25/83	03/19/84	06/21/84	08/08/84
Sampled By			RADIAN	SCHD	SCHD					SCHD	SCHD		
Date Analyzed			01/28/87	09/09/83	04/02/84	06/29/84	08/14/84	12/04/84	12/04/84	11/02/83	04/02/84	06/29/84	08/14/84
Lab			SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis			FDB										
Lab Analysis			LDB										
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER										
			OW-902	OW-902	OW-903	OW-903	OW-903	OW-903	OW-903	OW-903	OW-903	OW-903	OW-903
Date Sampled			11/21/84	11/12/85	06/20/83	03/22/84	06/21/84	08/08/84	11/21/84	07/10/85	09/26/85	11/04/85	01/14/86
Sampled By				RADIAN		SCHD				RADIAN	USAF	RADIAN	RADIAN
Date Analyzed			12/05/84	11/22/85		04/04/84	06/29/84	08/14/84	12/04/84	07/12/85	10/17/85	11/14/85	01/23/86
Lab			RAS	B&C	RAS	RAS	RAS	RAS	RAS	RAS	ANLAB	B&C	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER OW-903	OW-903	OW-904	OW-904	OW-904	OW-904	OW-904	OW-904	OW-904	OW-904	OW-904
Date Sampled			04/15/86	04/15/86	08/12/83	03/22/84	06/21/84	08/08/84	11/21/84	07/10/85	09/26/85	11/04/85	01/14/86
Sampled By			RADIAN	RADIAN	SCHD	SCHD				RADIAN	USAF	RADIAN	RADIAN
Date Analyzed			04/15/86		09/09/83	04/04/84	06/29/84	08/14/84	12/04/84	07/12/85	10/17/85	11/15/85	01/23/86
Lab			SAC	MAC	RAS	RAS	RAS	RAS	RAS	RAS	ANLAB	B&C	SAC
Field Analysis			FDA	FDB									
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
MAC = Air Force Lab at McClellan
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-904	OW-905	OW-905	OW-905	OW-905	OW-905	OW-905	OW-905	OW-905	OW-905	OW-905
Date Sampled			04/16/86	07/21/83	03/16/84	06/06/84	08/13/84	11/01/84	04/08/85	07/08/85	11/05/85	02/07/86	10/27/86
Sampled By			RADIAN	SCHD	SCHD					RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/22/86	07/27/83	03/30/84	06/13/84	08/24/84	11/12/84	04/10/85	07/11/85	11/17/85	02/11/86	10/28/86
Lab			SAC	CAL	RAS	RAS	RAS	RAS	RAS	RAS	B&C	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	0.4	0.6	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	0.4	ND	ND	0.1	ND	ND	2.3	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	1.2	ND	ND	ND	1.7	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-906	OW-906	OW-906	OW-906	OW-906	OW-906	OW-906	OW-906	OW-906	OW-906	OW-906
Date Sampled			10/27/83	03/16/84	06/06/84	08/13/84	11/02/84	03/12/85	07/08/85	11/05/85	11/05/85	02/07/86	10/30/86
Sampled By			SCHD	SCHD					RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/02/83	03/30/84	06/14/84	08/24/84	11/17/84	03/14/85	07/11/85	11/17/85	11/18/85	02/11/86	11/03/86
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	B&C	B&C	SAC	SAC
Field Analysis													FDA
Lab Analysis										LDA	LDB		
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA		

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-906	OW-907	OW-907	OW-907	OW-908	OW-908	OW-908	OW-908	OW-908	OW-908	OW-908
Date Sampled			10/30/86	11/09/79	11/19/79	1/29/80	04/15/80	09/12/80	01/19/81	01/19/81	04/27/83	08/11/83	09/14/83
Sampled By			RADIAN									SCHD	
Date Analyzed			11/03/86							01/19/81		08/17/83	09/23/83
Lab			SAC	ANLAB	ANLAB		ANLAB	CAL	CAL	CAL	RAS	RAS	RAS
Field Analysis			FDB										
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	4.0	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	4.0	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	40	0.8	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	85	ND	ND	ND	ND	ND	ND	1.0
1,1,1-Trichloroethane	200	200	ND	ND	ND	4.0	ND	ND	ND	ND	ND	0.9	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	48	31	8.4	ND	ND	ND	ND	ND	2.0	1.5
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
CAL = California Analytical Labs
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-908	OW-908	OW-908	OW-908	OW-908	OW-908	OW-908	OW-908	OW-908	OW-908	OW-909
Date Sampled			09/28/83	12/06/83	03/06/84	03/23/84	03/23/84	03/26/84	06/06/84	08/13/84	02/07/86	04/14/86	06/30/83
Sampled By			SCHD		RWQCB						RADIAN	RADIAN	
Date Analyzed			09/29/83	12/10/83	03/16/84	03/23/84	03/26/84	03/27/84	06/15/84	08/27/84	02/11/86	04/17/86	
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	SAC	SAC	
Field Analysis						FDA	FDB						
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	0.2	ND	0.6	ND	ND	ND	ND	ND	ND	9.1	ND
Trichlorofluoromethane	3400	NE	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	0.3	0.1	ND	ND	0.1	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	1.1	ND	ND	ND	ND	0.3	0.5	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	0.6	1.9	0.9	0.8	ND	ND	0.8	0.3	ND
1,1,1-Trichloroethane	200	200	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.8	1.7	0.9	ND	1.4	1.3	ND	ND	1.3	0.6	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RWQCB = Regional Water Quality Control Board
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-909	OW-909	OW-909	OW-909	OW-909	OW-909	OW-909	OW-909	OW-909	OW-910	OW-910
Date Sampled			03/06/84	06/06/84	08/13/84	11/01/84	03/12/85	07/08/85	11/05/85	02/07/86	10/27/86	06/30/83	06/06/84
Sampled By			SCHD					RADIAN	RADIAN	RADIAN	RADIAN		
Date Analyzed			03/16/84	06/14/84	08/24/84	11/12/84	03/18/85	07/11/85	11/17/85	02/11/86	10/28/86		06/14/84
Lab			RAS	RAS	RAS	RAS	RAS	RAS	B&C	SAC	SAC		RAS
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	TBS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-910	OW-910	OW-910	OW-910	OW-910	OW-910	OW-910	OW-910	OW-910	OW-910	OW-910
Date Sampled			08/13/84	11/01/84	03/12/85	04/09/85	07/08/85	07/11/85	08/05/85	11/11/85	11/11/85	01/23/86	01/23/86
Sampled By							RADIAN	RADIAN		RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/24/84	11/12/84	03/14/85	04/15/85	07/11/85	07/15/85	08/08/85	11/20/85	11/23/85	02/05/86	02/05/86
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	CAL	B&C	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	2.2	ND	2.06	2.32	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	0.9	1.19	1.87	0.98	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-910	OW-910	OW-911	OW-911	OW-911	OW-911	OW-911	OW-911	OW-911	OW-911	OW-911
Date Sampled			10/29/86	10/29/86	06/30/83	07/21/83	12/28/83	03/09/84	06/06/84	08/13/84	11/01/84	03/12/85	07/08/85
Sampled By			RADIAN	RADIAN		SCHD	SCHD	SCHD					RADIAN
Date Analyzed			10/31/86	10/31/86		07/28/83	01/06/84	03/15/84	06/14/84	08/28/84	11/12/84	03/18/85	07/11/85
Lab			SAC	SAC		CAL	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis			FDA	FDB									
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	0.2	0.5	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
CAL = California Analytical Labs
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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-911	OW-911	OW-911	OW-911	OW-913	OW-913	OW-913	OW-913	OW-913	OW-913	OW-913
Date Sampled			11/11/85	01/23/86	07/16/86	10/13/86	11/19/79	06/20/83	07/31/83	07/31/83	12/29/83	03/06/84	08/13/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN					SCHD	R4QCB	
Date Analyzed			11/22/85	02/05/86	07/25/86	10/14/86			08/17/83	08/17/83	01/09/84	03/16/84	08/28/84
Lab			B&C	SAC	SAC	SAC	ANLAB	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis									FDA	FDB			
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	0.1	0.3	ND	ND	ND	42	ND	137	130	71.8
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.1	2.6	1.0
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	5.0	42	2.7	0.9	2.2	1.7
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	3.8	ND	ND	0.3	0.9	0.2
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	3.5	3.4	4.0
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	11	ND	1.2	16.1	19.3	23.1
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
R4QCB = Regional Water Quality Control Board
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-914	CW-914	CW-914	CW-914	CW-914	CW-914	CW-914	CW-914	CW-914	CW-914	CW-914
Date Sampled			06/30/83	12/28/83	03/09/84	06/06/84	07/03/84	08/13/84	11/01/84	03/21/85	07/08/85	01/23/86	07/17/86
Sampled By				SCHD	SCHD						RADIAN	RADIAN	RADIAN
Date Analyzed				01/05/84	03/15/84	06/15/84	07/06/84	08/24/84	11/12/84	03/25/85	07/10/85	02/05/86	07/18/86
Lab				RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	SAC	SAC
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.52	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	0.1	ND	ND	ND	ND	ND	0.1	0.14
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	0.4	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-914	OW-914	OW-914	OW-915	OW-915	OW-915	OW-916	OW-916	OW-916	OW-916	OW-916
Date Sampled			07/17/86	10/13/86	10/13/86	06/30/83	11/11/85	11/11/85	06/30/83	07/31/83	09/28/83	12/29/83	03/06/84
Sampled By			RADIAN	RADIAN	RADIAN		RADIAN	RADIAN		SCHD	SCHD	SCHD	SCHD
Date Analyzed				10/14/86	10/14/86		11/22/85	11/22/85		08/17/83	09/29/83	01/07/84	03/16/84
Lab			USAF	SAC	SAC		B&C	B&C		RAS	RAS	RAS	RAS
Field Analysis							FDA	FDB					
Lab Analysis				LDA	LDB								
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	1.0	2.7	1.6	0.8
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	0.1
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	1.3	ND	1.1	1.0	0.53
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-916	OW-916	OW-917	OW-917	OW-917	OW-917	OW-917	OW-917	OW-917	OW-917	OW-917
Date Sampled			06/06/84	08/13/84	07/21/83	07/31/83	12/29/83	03/06/84	06/06/84	08/01/84	11/02/84	03/12/85	07/11/85
Sampled By							SCHD	SCHD					RADIAN
Date Analyzed			06/15/84	08/23/84	07/27/83	08/17/83	01/07/84	03/16/84	06/15/84	08/28/84	11/17/84	03/18/85	07/16/85
Lab			RAS	RAS	CAL	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													FDA
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	4.3	ND	100	59	146	101	149	133	ND	174	189
1,1-Dichloroethane	20	NE	ND	ND	4.6	3.0	4.3	3.2	3.6	6.1	ND	ND	15.1
Total 1,2-Dichloroethene	16	NE	ND	ND	5.0	2.3	3.9	2.6	2.7	6.0	15	ND	11.9
Chloroform	100	100	1.6	ND	ND	ND	ND	ND	0.8	1.0	18	2.2	1.92
1,2-Dichloroethane	1	5	ND	ND	1.0	1.6	1.2	1.0	0.9	1.8	24	5.0	7.70
1,1,1-Trichloroethane	200	200	0.2	0.9	3.4	2.3	4.5	3.4	3.6	5.7	ND	6.9	10.5
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1.0	2.1	12	8.5	23.5	16.3	21.1	23.6	32	52.1	50.0
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-917	CW-918	CW-918	CW-918	CW-918	CW-918	CW-918	CW-918	CW-918	CW-918	CW-918
Date Sampled			07/11/85	06/30/83	01/20/84	03/06/84	03/26/84	06/06/84	07/03/84	08/13/84	11/01/84	03/21/85	07/11/85
Sampled By			RADIAN		SCHD	SCHD	SCHD						RADIAN
Date Analyzed			07/16/85		01/31/84	03/16/84	04/04/84	06/18/84	07/06/84	08/28/84	11/16/84	03/25/85	07/16/85
Lab			RAS		RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis			FDB										
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	181	ND	ND	0.2	ND	0.9	1.0	ND	ND	3.2	5.84
1,1-Dichloroethane	20	NE	15.0	ND	ND	ND	ND	ND	0.1	ND	ND	ND	2.01
Total 1,2-Dichloroethene	16	NE	12.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	1.86	ND	ND	ND	ND	0.3	0.1	0.5	ND	ND	ND
1,2-Dichloroethane	1	5	8.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	10.2	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	55.2	ND	ND	ND	ND	ND	0.2	1.0	ND	1.6	2.05
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDB = Second field duplicate analysis
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-918	OW-918	OW-918	OW-918	OW-918	OW-918	OW-919	OW-919	OW-919	OW-919	OW-919
Date Sampled			11/11/85	11/11/85	01/08/86	07/17/86	07/17/86	10/13/86	08/15/83	01/05/84	01/23/84	03/06/84	06/06/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD		SCHD	
Date Analyzed			11/20/85	11/23/85	01/14/86	07/18/86		10/14/86	08/17/83	01/11/84	01/24/84	03/16/84	06/18/84
Lab			CAL	B&C	SAC	SAC	USAF	SAC	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	10.7	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	11.0	11.0	11	7.9	5.1	6.9C	ND	10.4	8.3	9.9	8.8
1,1-Dichloroethane	20	NE	0.8	ND	0.8	0.7	0.5	0.59C	12	ND	0.6	0.4	0.8
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	0.34	ND	0.20C	ND	ND	ND	0.2	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8
1,2-Dichloroethane	1	5	ND	ND	0.1	0.2	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	0.4	ND	ND	ND	ND	0.4	0.5	0.3	0.4
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.9	2.2	2.4	2.4	1.3	2.4C	1.8	1.7	1.4	1.4	1.6
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			GW-919	GW-919	GW-919	GW-919	GW-919	GW-920	GW-920	GW-920	GW-920	GW-920	GW-920
Date Sampled			08/13/84	11/01/84	11/11/85	11/11/85	07/16/86	06/30/83	03/09/84	06/06/84	07/03/84	08/13/84	11/01/84
Sampled By					RADIAN	RADIAN	RADIAN		SCHD				
Date Analyzed			08/24/84	11/16/84	11/20/85	11/22/85	07/25/86		03/16/84	06/18/84	07/06/84	08/22/84	11/17/84
Lab			RAS	RAS	CAL	B&C	SAC		RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	15.0	ND	37.0	21.0	25	ND	ND	0.3	0.3	ND	ND
1,1-Dichloroethane	20	NE	1.3	ND	2.1	ND	1.4	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	0.5	ND	1.1	ND	0.79	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	1.6	ND	ND	ND	ND	ND	0.2	ND	ND	ND
1,2-Dichloroethane	1	5	0.2	ND	ND	0.2	0.31	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	0.4	ND	ND	0.5	0.60	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1.8	2.3	2.9	2.9	5.0	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
GW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-920	OW-920	OW-920	OW-920	OW-920	OW-920	OW-920	OW-920	OW-921	OW-921	OW-921
Date Sampled			03/12/85	07/08/85	07/08/85	11/11/85	11/11/85	01/08/86	04/15/86	04/15/86	08/15/83	09/28/83	12/29/83
Sampled By				RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	SCHD	SCHD
Date Analyzed			03/14/85	07/10/85	07/10/85	11/20/85	11/22/85	01/14/86	04/22/86		08/18/83	09/29/83	01/07/84
Lab			RAS	RAS	RAS	CAL	B&C	SAC	SAC	MAC	RAS	RAS	RAS
Field Analysis				FDA	FDB				FDA	FDB			
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	2.42	1.3	ND	ND	ND	ND	ND	1.0	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	2.3	4.45	6.13	7.0	5.1	2.2	4.7	1.9	3.2	2.8	3.7
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	3.55	2.08	ND	0.9	0.7	0.9	ND	ND	0.4	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
MAC = Air Force Lab at McClellan
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-921	CW-921	CW-921	CW-921	CW-921	CW-921	CW-921	CW-921	CW-921	CW-921	CW-922
Date Sampled			03/09/84	06/06/84	08/13/84	07/09/85	11/11/85	11/11/85	11/11/85	01/23/86	04/15/86	04/15/86	08/15/83
Sampled By			SCHD			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD
Date Analyzed			03/16/84	06/18/84	08/24/84	07/11/85			11/22/85	02/05/86	04/22/86		08/17/83
Lab			RAS	RAS	RAS	RAS	ANLAB	CAL	B&C	SAC	SAC	MAC	RAS
Field Analysis											FDA	FDB	
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	2.4	2.3	ND	13.9	35	35	20.0	24.0	14	16.7	1.2
1,1-Dichloroethane	20	NE	ND	ND	ND	3.68	2	2.0	ND	1.1	0.6	1.7	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	1.1	1.1	ND	ND	ND	0.9	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
1,2-Dichloroethane	1	5	ND	ND	ND	2.59	ND	ND	ND	0.2	0.1	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	2.55	ND	ND	ND	ND	0.5	1.5	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	0.2	ND	0.7	4.10	3	3.0	2.8	5.3	3.7	2.5	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
CAL = California Analytical Labs
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
MAC = Air Force Lab at McClellan
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-922	OW-922	OW-922	OW-922	OW-922	OW-922	OW-922	OW-922	OW-923	OW-923	OW-923
Date Sampled			09/28/83	12/28/83	03/09/84	06/06/84	08/13/84	09/28/84	11/02/84	07/08/85	08/15/83	12/28/83	06/28/84
Sampled By			SCHD	SCHD	SCHD					RADIAN	SCHD	SCHD	
Date Analyzed			09/29/83	01/06/84	03/16/84	06/18/84	08/24/84	10/16/84	11/17/84	07/11/85	08/17/83	01/06/84	07/06/84
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-923	OW-923	OW-923	OW-923	OW-923	OW-923	OW-923	OW-923	OW-924	OW-924	OW-924
Date Sampled			08/13/84	11/02/84	07/08/85	08/07/85	11/11/85	01/20/86	04/16/86	04/16/86	08/16/84	07/12/85	01/23/86
Sampled By					RADIAN		RADIAN	RADIAN	RADIAN	RADIAN		RADIAN	RADIAN
Date Analyzed			08/23/84	11/17/84	07/10/85	08/08/85	11/25/85	01/30/86	04/22/86		08/29/84	07/16/85	02/05/86
Lab			RAS	RAS	RAS	RAS	B&C	SAC	SAC	MAC	RAS	RAS	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	2.28	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	3.58	3.50	3.9	4.6	1.6	1.7	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	2.95	1.80	ND	0.2	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	1.91	1.27	ND	1.3	0.4	1.5	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
MAC = Air Force Lab at McClellan
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-924	OW-924	OW-924	OW-924	OW-924	OW-924	OW-924	OW-924	OW-925	OW-925	OW-925
Date Sampled			04/10/86	07/07/86	10/28/86	10/28/86	10/28/86	01/21/87	01/21/87	01/21/87	10/27/83	11/08/85	01/08/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	RADIAN	RADIAN
Date Analyzed			04/14/86	07/10/86	11/13/86	10/29/86	10/29/86	01/27/87	01/27/87	01/27/87	11/04/83	11/19/85	01/14/86
Lab			SAC	SAC	ELI	SAC	SAC	SAC	SAC	SAC	RAS	B&C	SAC
Field Analysis						FDA	FDB	FDA	FDA	FDB			
Lab Analysis									LDB				
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-925	OW-925	OW-925	OW-925	OW-925	OW-927	OW-927	OW-927	OW-927	OW-928	OW-928
Date Sampled			04/07/86	07/11/86	10/27/86	10/27/86	01/21/87	11/02/83	11/08/85	01/08/86	04/07/86	08/13/84	11/08/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	RADIAN	RADIAN	RADIAN		RADIAN
Date Analyzed			04/12/86	07/15/86	10/28/86	10/28/86	01/27/87	11/14/83	11/19/85	01/14/86	04/12/86	08/21/84	11/19/85
Lab			SAC	SAC	SAC	SAC	SAC	RAS	B&C	SAC	SAC	RAS	B&C
Field Analysis													
Lab Analysis					LDA	LDB							
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-928	OW-928	OW-928	OW-930	OW-930	OW-930	OW-930	OW-932	OW-932	OW-933	OW-933
Date Sampled			01/08/86	01/08/86	04/07/86	06/28/84	04/09/85	11/08/85	01/08/86	08/08/84	11/08/85	10/27/83	11/08/85
Sampled By			RADIAN	RADIAN	RADIAN			RADIAN	RADIAN		RADIAN	SCHD	RADIAN
Date Analyzed			01/14/86	01/14/86	04/12/86	07/06/84	04/10/85	11/19/85	01/14/86	08/14/84	11/19/85	11/04/83	11/19/85
Lab			SAC	SAC	SAC	RAS	RAS	B&C	SAC	RAS	B&C	RAS	B&C
Field Analysis													
Lab Analysis			LDA	LDB									
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	5.2	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	2.0	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-933	OW-933	OW-935	OW-935	OW-935	OW-935	OW-937	OW-937	OW-937	OW-938	OW-938
Date Sampled			12/30/85	02/07/86	11/29/79	12/18/79	09/27/85	11/11/85	10/27/83	09/26/85	11/08/85	06/20/83	09/26/85
Sampled By			USAF	RADIAN			USAF	RADIAN	SCHD	USAF	RADIAN		USAF
Date Analyzed				02/10/86			10/22/85	11/22/85	11/04/83	10/17/85	11/20/85		10/17/85
Lab			ANLAB	SAC	ANLAB	ANLAB	ANLAB	B&C	RAS	ANLAB	B&C	RAS	ANLAB
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-938	CW-939	CW-939	CW-941	CW-941	CW-941	CW-942	CW-942	CW-942	CW-942	CW-942
Date Sampled			11/08/85	08/17/83	04/10/86	08/16/83	07/16/86	07/16/86		11/03/79	08/16/83	11/01/83	01/05/84
Sampled By			RADIAN		RADIAN		RADIAN	RADIAN					
Date Analyzed			11/19/85	08/23/83	04/14/86	08/19/83	07/25/86	07/25/86	11/15/83		08/19/83	11/14/83	01/11/84
Lab			B&C	RAS	SAC	RAS	SAC	SAC	RAS	ANLAB	RAS	RAS	RAS
Field Analysis													
Lab Analysis							LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	0.30	ND	ND	ND	0.1	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			CW-945	CW-945	CW-945	CW-946	CW-946	CW-946	CW-947	CW-947	CW-948	CW-948	CW-948
Date Sampled			08/16/83	07/16/86	01/30/87	08/16/83	10/28/86	01/23/87	08/17/83	04/01/86	08/16/83	09/27/85	11/12/85
Sampled By			SCHD	RADIAN	RADIAN	SCHD	RADIAN	RADIAN		RADIAN	SCHD	USAF	RADIAN
Date Analyzed			08/19/83	07/25/86	02/02/87	08/19/83	10/29/86	01/29/87	08/23/83	04/23/86	08/19/83	10/22/85	11/22/85
Lab			RAS	SAC	SAC	RAS	SAC	SAC	RAS	SAC	RAS	ANLAB	B&C
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
B&C = Brown & Caldwell
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			CW-948	CW-951	CW-951	CW-951	CW-953	CW-954	CW-954	CW-954	CW-954	CW-955	CW-956
Date Sampled			01/09/86	08/16/83	04/09/85	07/17/86	08/17/83	08/18/83	10/28/86	01/30/87	01/30/87	08/18/83	08/18/83
Sampled By			RADIAN			RADIAN		SCHD	RADIAN	RADIAN	RADIAN	SCHD	SCHD
Date Analyzed			10/17/86	08/19/83	04/10/85	07/18/86	08/23/83	08/24/83	10/29/86	02/02/87	02/02/87	08/25/83	08/24/83
Lab			SAC	RAS	RAS	SAC	RAS	RAS	SAC	SAC	SAC	RAS	RAS
Field Analysis										FDA	FDB		
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	[illegible]	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-957	CW-958	CW-960	CW-962	CW-963	CW-967	CW-968	CW-969	CW-970	CW-971	CW-972
Date Sampled			08/18/83	08/18/83	08/19/83	08/19/83	08/17/83	08/18/83	08/18/83	08/18/83	08/18/83	08/18/83	08/19/83
Sampled By			SCHD	SCHD	SCHD		SCHD	SCHD	SCHD	SCHD	SCHD	SCHD	SCHD
Date Analyzed			08/24/83	08/24/83	08/24/83	08/23/83	08/23/83	08/25/83	08/25/83	08/24/83	08/25/83	08/25/83	08/24/83
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

CW = Off base residential well

SCHD = Sacramento County Health Department
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-973	CW-974	CW-994	CW-994	CW-998	CW-998	CW-998	CW-998	CW-1012	CW-1013	CW-1014
Date Sampled			08/19/83	08/19/83	07/10/86	07/10/86	07/10/86	07/10/86	10/23/86	01/23/87	02/27/84	10/24/83	10/24/83
Sampled By			SCHD	SCHD	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	DHS	SCHD	SCHD
Date Analyzed			08/24/83	08/24/83	07/14/86	07/16/86	07/14/86	07/14/86	10/27/86	01/29/87	03/07/84	11/01/83	11/01/83
Lab			RAS	RAS	SAC	USAF	SAC	SAC	SAC	SAC	RAS	RAS	RAS
Field Analysis													
Lab Analysis							LDA	LDB					
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoroethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
CW = Off base residential well

DHS = California Department of Health Services
RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
RAS = Radian Analytical Services
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			CW-1014	CW-1014	CW-1014	CW-1014	CW-1014	CW-1014	CW-1014	CW-1014	CW-1014	CW-1014	CW-1021
Date Sampled			06/20/84	07/09/85	09/26/85	11/05/85	11/05/85	01/15/86	01/15/86	04/08/86	07/14/86	10/31/86	04/14/86
Sampled By				RADIAN	USAF	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			06/29/84	07/12/85	10/17/85	11/17/85	11/17/85	01/26/86	01/26/86	04/11/86	07/17/86	11/03/86	04/17/86
Lab			RAS	RAS	ANLAB	B&C	B&C	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB						
Lab Analysis								LDA	LDB				
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
CW = Off base residential well

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ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			CW-1023	CW-1033	CW-1045	CW-1045	CW-1045	CW-1045	CW-1045	CW-1053	CW-1053	CW-1053	CW-1053
Date Sampled			08/19/83	07/16/84	03/31/86	10/28/86	01/30/87	01/30/87	01/30/87	10/19/83	04/14/86	07/09/86	07/09/86
Sampled By			SCHD		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	SCHD	RADIAN	RADIAN	RADIAN
Date Analyzed			08/24/83	07/24/84	04/05/86	10/30/86	02/04/87	02/04/87	02/04/87		04/16/86	07/12/86	07/16/86
Lab			RAS	RAS	SAC	SAC	SAC	SAC	SAC		SAC	SAC	USAF
Field Analysis							FDA	FDB	FDB				
Lab Analysis									LDB				
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	0.12C	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	0.37C	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
USAF = United States Air Force
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-1053	OW-1053	OW-1142	OW-1142	OW-1142	OW-1142	OW-1142	OW-1142	OW-1156	OW-1156	OW-1157
Date Sampled			10/20/86	01/20/87	07/02/85	10/31/85	01/16/86	04/11/86	07/11/86	10/14/86	11/12/85	01/20/86	04/09/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/21/86	01/23/87	07/05/85	11/12/85	01/28/86	04/15/86	07/15/86	10/15/86	11/22/85	01/30/86	04/13/86
Lab			SAC	SAC	RAS	B&C	SAC	SAC	SAC	SAC	B&C	SAC	SAC
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.5	0.1	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

[illegible]

RADIAN = Radian Corporation
B&C = Brown & Caldwell
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Not detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-1158	OW-1162	OW-1163	OW-1170	OW-1173	OW-1175	OW-1175	OW-1175	OW-1175	OW-1176	OW-1177
Date Sampled			10/25/83	08/17/83	11/01/83	07/17/86	11/02/84	08/17/83	10/28/86	01/29/87	01/29/87	01/20/84	01/20/84
Sampled By			SCHD	SCHD		RADIAN		SCHD	RADIAN	RADIAN	RADIAN		
Date Analyzed			11/02/83	08/23/83	11/14/83	07/18/86	11/17/84	08/23/83	10/30/86	02/02/87	02/02/87	01/31/84	01/31/84
Lab			RAS	RAS	RAS	SAC	RAS	RAS	SAC	SAC	SAC	RAS	RAS
Field Analysis										FDA	FDB		
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	.4	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-1180	OW-1190	OW-1191	OW-1192	OW-1213	OW-1232	OW-1233	OW-1235	OW-1236	OW-1237	OW-1238
Date Sampled			08/08/84	12/04/84	11/01/83	02/23/84	01/10/86	03/19/84	06/28/83	11/29/79	11/29/79	11/29/79	11/29/79
Sampled By					SCHD		RADIAN				SCHD		
Date Analyzed			08/14/84	12/10/84	11/14/83	02/28/84	01/18/86						
Lab			RAS		RAS	RAS	SAC			ANLAB	ANLAB		ANLAB
Field Analysis													
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
ANLAB = Anlab Analytical Lab
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8010 ANALYTES (METHOD 601 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-1238	OW-1238	OW-1238
Date Sampled			10/29/86	10/29/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN
Date Analyzed			10/31/86	10/31/86	10/31/86
Lab			SAC	SAC	SAC
Field Analysis			FDA	FDB	FDB
Lab Analysis				LDA	LDB
Chloromethane	NE	NE	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND
Total 1,2-Dichloroethane	16	NE	ND	ND	ND
Chloroform	100	100	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND
Bromoform	100	100	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND
1,1,1,2-Tetrachloroethane	NE	NE	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN
CORPORATION

RESULTS FOR METHOD 8020

(METHOD 602 PRIOR TO OCTOBER 1988)

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-10	BW-10	BW-10	BW-10	BW-13	BW-13	BW-13	BW-18	BW-18	BW-18	BW-18
Date Sampled			12/02/85	12/02/85	03/26/86	12/04/86	12/02/85	03/26/86	12/04/86	12/02/85	12/02/85	03/26/86	12/04/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/11/85	12/11/85	03/31/86	12/09/86	12/12/85	03/31/86	12/08/86	12/11/85	12/12/85	03/31/86	12/08/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB		
Lab Analysis			LDA	LDB									
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-29	EW-29	EW-29	EW-29	EW-29	EW-29	EW-73	EW-73	EW-73	EW-73	EW-73
Date Sampled			12/02/85	03/27/86	03/27/86	03/27/86	12/04/86	12/04/86	11/03/87	12/02/87	02/01/88	03/01/88	05/03/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/11/85	04/03/86	04/03/86	04/03/86	12/08/86	12/09/86	11/04/87	12/08/87	02/02/88	03/13/88	05/05/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis				LDA	LDB		LDA	LDB					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	580C	560C	880C	580C	750C
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
EW = Extraction Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
BW = Base production well
Analytical data for EW-63 and EW-69 appear under MW-63 and MW-69

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-83	EW-83	EW-83	EW-83
Date Sampled			05/03/88	06/07/88	08/03/88	09/02/88	09/02/88	11/03/88	12/02/88	11/03/87	12/02/87	02/01/88	03/01/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				06/10/88	08/08/88	09/06/88	09/06/88	11/09/88	12/06/88	11/06/87	12/08/87	02/02/88	03/13/88
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis						LDA	LDB						
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	29C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	10C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	6.0C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	290C	790P	ND	ND	ND	300P	370P	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA

ALL UNITS ARE ug/l
EW = Extraction Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-83	EW-83	EW-83	EW-83	EW-84	EW-84	EW-84	EW-84	EW-84	EW-84	EW-84
Date Sampled			05/03/88	06/07/88	08/03/88	09/02/88	11/03/87	12/02/87	02/01/88	03/01/88	05/03/88	06/07/88	09/02/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				06/10/88	08/08/88	09/06/88	11/06/87	12/08/87	02/02/88	03/13/88		06/10/88	09/06/88
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	5.8C	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	50C	ND	ND	50C	42C	ND	59C
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	6.0C	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	3.8C	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	40C	26C	10C	36P	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-84	EW-85	EW-85	EW-85	EW-85	EW-85	EW-85	EW-85	EW-85	EW-85	EW-86
Date Sampled			10/28/88	11/03/87	11/03/87	12/02/87	02/01/88	03/01/88	05/03/88	06/07/88	08/04/88	09/02/88	11/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/02/88	11/06/87	11/09/87	12/08/87	02/02/88	03/13/88		06/10/88	08/10/88	09/06/88	11/06/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB								
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

EW = Extraction Well

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento

CES = Cannonie Environmental Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

LOQ = Limit of quantitation

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-86	EW-86	EW-86	EW-86	EW-86	EW-86	EW-86	EW-87	EW-87	EW-87	EW-87
Date Sampled			12/02/87	02/01/88	03/01/88	05/03/88	06/07/88	08/03/88	09/02/88	11/03/87	12/02/87	02/01/88	03/01/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/08/87	02/02/88	03/14/88		06/10/88	08/08/88	09/06/88	11/09/87	12/08/87	02/02/88	03/14/88
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-87	EW-87	EW-87	EW-87	EW-137	EW-137	EW-137	EW-137	EW-137	EW-137	EW-137
Date Sampled			05/03/88	06/07/88	08/04/88	09/02/88	02/10/88	04/25/88	04/25/88	07/14/88	07/14/88	07/14/88	07/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				06/10/88	08/10/88	09/06/88	02/11/88	04/27/88	04/27/88	08/02/88	07/15/88	07/15/88	07/15/88
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis											FDA	FDA	FDB
Lab Analysis											LDA	LDB	
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

EW = Extraction Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-140	EW-140	EW-140	EW-141	EW-141	EW-141	MW-4	MW-6	MW-7	MW-9	MW-10
Date Sampled			02/09/88	04/20/88	07/07/88	02/09/88	04/19/88	07/08/88	10/02/84	10/01/84	09/21/84	09/30/84	09/18/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/10/88	04/22/88	07/08/88	02/10/88	04/22/88	07/11/88	10/10/84	10/10/84	09/26/84	10/09/84	09/25/84
Lab			SAC	SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	183
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-10	MW-10	MW-10	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12	MW-12	MW-14
Date Sampled			04/07/88	07/22/88	10/20/88	09/19/84	04/06/88	07/25/88	09/20/84	04/07/88	07/26/88	10/21/88	09/20/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				07/26/88	10/21/88	09/25/84		07/26/88	09/25/84		07/27/88	10/26/88	09/26/84
Lab Analysis			CES	SAC	SAC	RAS	CES	SAC	RAS	CES	SAC	SAC	RAS
Chlorobenzene	30	NE	ND	ND	ND	NA	ND	ND	NA	ND	ND	ND	NA
1,3-Dichlorobenzene	130	NE	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	157
1,2-Dichlorobenzene	130	NE	200C	170C	120P	8	ND	ND	ND	ND	ND	ND	76
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	34	ND	ND	ND	ND	ND	ND	360
Benzene	.7	5	11C	ND	ND	ND	30C	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	282	ND	ND	1	ND	ND	ND	80
Total Xylenes	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	MW-15	MW-16D	MW-16S	MW-17D	MW-17D
Date Sampled			04/06/88	07/22/88	10/20/88	09/18/84	04/06/88	07/22/88	10/20/88	09/24/84	09/26/84	09/26/84	05/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				07/26/88	10/21/88	09/24/84		07/26/88	10/21/88	09/26/84	10/08/84	10/08/84	05/18/87
Lab			CES	SAC	SAC	RAS	CES	SAC	SAC	RAS	RAS	RAS	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	NA	ND	ND	ND	NA	NA	NA	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	44	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	28	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	132	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	7800	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	4.0	ND	ND
Total Xylenes	NE	NE	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-17D	MW-17D	MW-17D	MW-17D	MW-17D	MW-17S	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D
Date Sampled			08/11/87	10/22/87	01/27/88	04/08/88	07/21/88	09/13/84	09/25/84	09/25/84	03/28/86	10/01/86	01/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/17/87	10/27/87	01/29/88	04/11/88	07/25/88	09/17/84	10/08/84	10/08/84	04/01/86	10/02/86	01/19/87
Lab			SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18S	MW-19D	MW-19D	MW-19S
Date Sampled			04/29/87	08/11/87	08/11/87	10/08/87	01/22/88	04/27/88	07/18/88	09/29/84	09/13/84	04/08/88	09/14/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/01/87	08/17/87	08/17/87	10/13/87	01/25/88	05/02/88	07/19/88	10/08/84	09/17/84	04/11/88	09/19/84
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS	RAS	SAC	RAS
Field Analysis													
Lab Analysis				LDA	LDB								
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	NA
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19S	MW-19S	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D
Date Sampled			03/13/86	10/16/86	09/19/84	10/27/86	01/29/87	05/05/87	07/28/87	10/12/87	01/22/88	04/11/88	04/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/19/86	10/20/86	09/25/84	10/28/86	01/30/87	05/06/87	07/29/87	10/13/87	01/26/88		04/13/88
Lab			SAC	SAC	RAS	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis													FDA
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-20D	MW-20D	MW-20S	MW-20S	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D
Date Sampled			04/11/88	07/13/88	09/30/84	10/27/86	09/17/84	09/17/84	03/19/86	03/19/86	09/30/86	01/21/87	05/01/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/13/88	07/14/88	10/09/84	10/28/86	09/26/84	09/24/84	03/21/86	03/26/86	10/01/86	01/26/87	05/05/87
Lab			SAC	SAC	RAS	SAC	RAS	RAS	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB				FDA	FDB					
Lab Analysis									LDA	LDB			
Chlorobenzene	30	NE	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	0.81C	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21S	MW-21S	MW-21S	MW-21S
Date Sampled			08/14/87	08/14/87	10/17/87	01/25/88	04/13/88	04/13/88	07/18/88	09/17/84	03/19/86	09/30/86	01/30/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/19/87	08/19/87	10/20/87	01/27/88	04/14/88	04/15/88	07/19/88	09/25/84	03/21/86	10/01/86	02/04/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis			LDA	LDB									
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-22D	MW-22D	MW-22D
Date Sampled			05/01/87	08/14/87	10/17/87	01/25/88	01/25/88	01/25/88	04/13/88	07/26/88	09/20/84	09/20/84	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/05/87	08/19/87	10/20/87	01/27/88	01/27/88		04/15/88	07/27/88	09/26/84	09/26/84	10/30/86
Lab			SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	RAS	RAS	SAC
Field Analysis											FDA	FDB	
Lab Analysis						LDA	LDB	LDB					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22S	MW-23D
Date Sampled			01/23/87	05/06/87	08/06/87	10/14/87	10/14/87	01/19/88	04/25/88	04/25/88	07/14/88	09/21/84	09/26/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/29/87	05/11/87	08/10/87	10/16/87	11/09/87	01/20/88	04/27/88	04/27/88	07/18/88	09/26/84	10/08/84
Lab			RAS	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis									FDA	FDB			
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NR	1.0PC	ND	ND	ND	ND
								NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D
Date Sampled			03/17/86	03/17/86	10/16/86	01/22/87	05/05/87	08/12/87	08/12/87	10/25/87	01/21/88	04/21/88	04/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/20/86	03/20/86	10/20/86	01/27/87	05/06/87	08/18/87	08/18/87	10/29/87	01/22/88	04/25/88	04/26/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis			FDA	FDB									
Lab Analysis								LDA	LDB				
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	0.4(1.0)	ND	ND	ND	ND	ND	ND	0.53C(0.56)	NR	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-23D	MW-23S	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24D
Date Sampled			07/21/88	09/29/84	09/27/84	03/20/86	09/26/86	09/26/86	01/22/87	05/05/87	08/13/87	10/25/87	01/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/25/88	10/09/84	10/10/84	03/26/86	09/29/86	09/29/86	01/27/87	05/06/87	08/17/87	10/29/87	01/20/88
Lab			SAC	RAS	RAS	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
Chlorobenzene	30	NE	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR

ALL UNITS ARE ug/l

MW = Monitoring Well

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento

RAS = Radian Analytical Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NR = Not reported

NA = Not analyzed

LOQ = *Limit of quantitation*

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-24D	MW-24D	MW-24S	MW-25D	MW-25S	MW-26D	MW-26S	MW-27D	MW-27D	MW-27D	MW-27D
Date Sampled			04/21/88	07/12/88	09/12/84	09/25/84	09/29/84	09/27/84	09/29/84	10/01/84	10/01/84	05/13/87	08/11/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/25/88	07/14/88	09/17/84	10/08/84	10/08/84	10/08/84	10/09/84	10/09/84	10/09/84	05/18/87	08/17/87
Lab			SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS	SAC	SAC
Field Analysis										FDA	FDB		FDA
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

RAS = Radian Analytical Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

LOQ = Limit of quantitation

NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D
Date Sampled			08/11/87	10/22/87	10/22/87	01/26/88	01/26/88	04/08/88	04/08/88	07/20/88	07/20/88	07/20/88	07/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/17/87	10/28/87	10/28/87	01/28/88		04/11/88		08/12/88	07/22/88	07/22/88	07/25/88
Lab			SAC	SAC	SAC	SAC	CES	SAC	CES	CES	SAC	SAC	SAC
Field Analysis			FDB	FDA	FDB						FDA	FDA	FDB
Lab Analysis											LDA	LDB	
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27S	MW-28D	MW-28D	MW-28D	MW-28D	MW-28D	MW-28D	MW-28D	MW-28D	MW-29D	MW-29D
Date Sampled			09/12/84	09/26/84	05/15/87	08/07/87	10/23/87	01/27/88	04/13/88	04/13/88	07/21/88	10/01/84	10/01/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/17/84	10/08/84	05/19/87	08/13/87	10/29/87	01/29/88	04/14/88	04/14/88	07/25/88	10/09/84	10/10/84
Lab			RAS	RAS	SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS	RAS
Field Analysis												FDA	FDB
Lab Analysis									LDA	LDB			
Chlorobenzene	30	NE	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D
Date Sampled			04/03/86	04/03/86	10/01/86	01/15/87	04/29/87	04/29/87	08/12/87	10/24/87	01/19/88	01/19/88	04/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/08/86	04/08/86	10/02/86	01/21/87	05/01/87	05/01/87	08/18/87	10/29/87	01/20/88		04/14/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis			FDA	FDB									
Lab Analysis							LDA	LDB					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.43C(0.56)	ND	ND	ND
										NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29D	MW-30S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S	MW-31S
Date Sampled			07/12/88	09/18/84	09/25/84	03/28/86	10/08/86	10/08/86	01/22/87	04/29/87	08/12/87	10/27/87	01/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/14/88	09/25/84	10/08/84	04/01/86	10/10/86	10/10/86	01/28/87	05/01/87	08/18/87	10/30/87	01/29/88
Lab			SAC	RAS	RAS	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					LDA
Chlorobenzene	30	NE	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-31S	MW-31S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S
Date Sampled			01/27/88	04/13/88	09/18/84	10/30/86	01/29/87	01/29/87	04/16/87	04/16/87	07/31/87	07/31/87	09/17/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/29/88	04/14/88	09/25/84	11/03/86	01/30/87	02/03/87	04/17/87	04/17/87	08/05/87	08/05/87	09/21/87
Lab			SAC	SAC	RAS	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB	FDA	FDB	FDA	FDB	
Lab Analysis			LDB										
Chlorobenzene	30	NE	ND	ND	NA	0.84C	1.4C	1.2DL	0.98DL	0.94DL	ND	ND	0.68DL
1,3-Dichlorobenzene	130	NE	ND	ND	4.3	10NC	5.6C	4.9DL	4.8DL	4.6DL	ND	ND	5.8DL
1,2-Dichlorobenzene	130	NE	ND	ND	2.5	4.9C	18C	15DL	20C	19DL	ND	ND	14DL
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	9.3	4.2C	5.8C	5.3DL	7.2DL	6.8DL	ND	ND	7.0DL
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	0.40NC	ND	ND	0.33DL	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	0.44DL	0.30DL(0.66)	0.34DL(0.66)	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

NC = Result was not confirmed in second column analysis
ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-36S	MW-36S
Date Sampled			10/26/87	01/08/88	04/25/88	04/25/88	07/21/88	07/21/88	07/21/88	07/21/88	10/18/88	09/17/84	03/31/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/29/87	01/11/88	04/27/88	05/03/88	08/10/88	07/25/88	07/25/88	07/25/88	10/21/88	09/25/84	04/03/86
Lab			SAC	SAC	SAC	CES	CES	SAC	SAC	SAC	SAC	RAS	SAC
Field Analysis								FDA	FDA	FDB			
Lab Analysis								LDA	LDB				
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	32C	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	6.0C	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S
Date Sampled			09/17/86	01/14/87	04/14/87	04/16/87	07/30/87	10/21/87	01/13/88	04/11/88	04/11/88	07/11/88	07/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/23/86	01/20/87	04/17/87	04/17/87	08/03/87	10/23/87	01/14/88	04/12/88	04/12/88	08/02/88	07/13/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis					FDA	FDB				FDA	FDB		FDA
Lab Analysis													LDA
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-36S	MW-36S	MW-38D	MW-40S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S
Date Sampled			07/11/88	07/11/88	09/14/84	09/30/84	09/24/84	03/13/86	11/18/86	11/18/86	01/15/87	01/15/87	04/24/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/13/88	07/14/88	09/19/84	10/09/84	09/26/84	03/19/86	11/21/86	11/21/86	01/22/87	01/22/87	04/28/87
Lab			SAC	SAC	RAS	RAS	RAS	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB					FDA	FDB	FDA	FDB	
Lab Analysis			LDB										LDA
Chlorobenzene	30	NE	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	206	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	88	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S
Date Sampled			04/24/87	08/05/87	10/20/87	10/20/87	10/20/87	01/26/88	01/26/88	04/18/88	07/13/88	07/13/88	07/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/28/87	08/07/87	10/22/87	11/24/87	10/22/87	01/28/88		04/21/88	08/09/88	07/14/88	07/14/88
Lab			SAC	SAC	SAC	CES	SAC	SAC	CES	SAC	CES	SAC	SAC
Field Analysis					FDA	FDA	FDB					FDA	FDA
Lab Analysis			LDB									LDA	LDB
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-42S	MW-43S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S
Date Sampled			07/13/88	09/28/84	09/13/84	09/21/84	03/21/86	09/17/86	01/12/87	02/03/87	05/06/87	08/13/87	10/23/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/14/88	10/09/84	09/17/84	09/26/84	04/01/86	09/23/86	02/05/87	02/05/87	05/11/87	08/18/87	10/29/87
Lab			SAC	RAS	RAS	RAS	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis													LDA
Chlorobenzene	30	NE	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-45S	MW-46S	MW-47S	MW-49S	MW-51	MW-61
Date Sampled			10/23/87	01/22/88	04/26/88	07/20/88	07/20/88	09/19/84	09/29/84	10/01/84	07/25/88	11/22/86	01/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/29/87	01/26/88	04/28/88	07/22/88	07/22/88	09/25/84	10/09/84	10/09/84	07/26/88	11/25/86	01/19/87
Lab			SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB			LDA	LDB						
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.0	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-51	MW-51	MW-51	MW-51	MW-51	MW-51	MW-51	MW-51	MW-52	MW-52	MW-52
Date Sampled			04/23/87	08/03/87	10/15/87	01/11/88	01/11/88	04/08/88	04/08/88	07/07/88	11/24/86	01/29/87	05/11/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/27/87	08/06/87	10/19/87	01/12/88	01/12/88	04/12/88		07/08/88	12/01/86	01/30/87	05/13/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB						
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	10C	ND	ND
											NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-52	MW-52	MW-52	MW-52	MW-52	MW-53	MW-53	MW-53	MW-53	MW-53	MW-53
Date Sampled			07/27/87	10/16/87	01/07/88	04/07/88	07/05/88	11/21/86	01/20/87	05/08/87	07/28/87	10/21/87	01/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/28/87	10/19/87	01/08/88	04/08/88	07/06/88	11/25/86	01/23/87	05/12/87	07/29/87	10/23/87	01/07/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	0.58	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	4.4	ND	ND	ND	ND	ND
								NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-53	MW-53	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54
Date Sampled			04/07/88	07/05/88	11/20/86	01/15/87	04/27/87	04/27/87	04/27/87	08/10/87	08/10/87	10/19/87	10/19/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/08/88	07/06/88	12/03/86	03/22/87	05/05/87	05/05/87	05/06/87	08/17/87	08/17/87	10/23/87	10/23/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB	FDB	FDA	FDB	FDA	FDB
Lab Analysis								LDA	LDB				
Chlorobenzene	30	NE	ND	ND	ND	ND	0.30C	0.22C	0.21C	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	14DL	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	35C	18C	1.5C	1.2C	1.4C	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	NL	ND	9.5C	ND	1.0C	0.79C	0.77C	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	8.4C	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	230C	4.7C	2.7C	1.5C	1.2C	ND	ND	0.41C(0.56)	0.34C(0.56)
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-54	MW-54	MW-54	MW-54	MW-54	MW-54	MW-55	MW-55	MW-55	MW-55	MW-55
Date Sampled			01/06/88	01/06/88	01/06/88	04/06/88	04/06/88	07/11/88	11/22/86	01/05/87	04/20/87	04/20/87	04/20/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/07/88	01/08/88	01/07/88	04/07/88		07/12/88	11/25/86	01/08/87	04/23/87	04/23/87	04/23/87
Lab			SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDA	FDB						FDA	FDB	FDB
Lab Analysis			LDA	LDB								LDA	LDB
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	0.1DL	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	0.58DL	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	NR	ND	ND	ND	3.9	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-57
Date Sampled			08/13/87	10/14/87	10/14/87	01/11/88	04/08/88	04/08/88	07/11/88	07/11/88	07/11/88	07/11/88	11/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/18/87	10/18/87	11/09/87	01/12/88	04/13/88	04/13/88	08/16/88	07/12/88	07/12/88	07/12/88	11/22/86
Lab			SAC	SAC	CES	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB		FDA	FDA	FDB	
Lab Analysis										LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.2C
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-57	MW-57	MW-57	MW-57	MW-57	MW-57	MW-57	MW-57	MW-58	MW-58	MW-58
Date Sampled			01/13/87	04/28/87	04/28/87	07/30/87	10/12/87	01/08/88	04/22/88	07/06/88	11/21/86	01/19/87	01/19/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/87	04/30/87	04/30/87	08/03/87	10/14/87	01/11/88	04/26/88	07/07/88	11/25/86	01/22/87	01/22/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB								FDA
Lab Analysis												LDB	
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.3C	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	22C	ND	ND
											NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-58	MW-58	MW-58	MW-58	MW-58	MW-58	MW-58	MW-58	MW-59	MW-59	MW-59
Date Sampled			01/19/87	04/30/87	08/06/87	10/13/87	01/11/88	04/06/88	04/06/88	07/07/88	04/02/86	11/18/86	01/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/22/87	05/05/87	08/10/87	10/16/87	01/12/88	04/04/88	04/07/88	07/08/88	04/05/86	11/21/86	01/20/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										FDA
Lab Analysis			LDA					LDA	LDB				
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	190	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	0.11C	0.11C	ND	0.2	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	ND	ND	ND	ND	10C	ND
								NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			MW-59	MW-59	MW-59	MW-59	MW-59	MW-59	MW-59	MW-59	MW-59	MW-59	MW-60
Date Sampled			01/12/87	04/21/87	04/21/87	08/10/87	08/10/87	10/09/87	01/08/88	04/08/88	04/08/88	07/06/88	10/28/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/87	04/23/87	04/23/87	08/17/87	08/17/87	10/12/87	01/11/88	04/12/88		07/07/88	10/29/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis			FDB	FDA	FDB	FDA	FDB						
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-60	MW-60	MW-60	MW-60	MW-60	MW-60	MW-60	MW-60	MW-61	MW-61	MW-61
Date Sampled			01/13/87	04/24/87	08/13/87	10/25/87	01/22/88	01/22/88	04/18/88	07/20/88	03/19/86	12/01/86	01/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/19/87	04/28/87	08/18/87	10/29/87	01/25/88		04/21/88	07/22/88	03/21/86	12/04/86	01/30/87
Lab			SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	3.7	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	0.39C(0.56)	NR	ND	ND	ND	ND	0.89(0.99)	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-61	MW-61	MW-61	MW-61	MW-61	MW-61	MW-61	MW-61	MW-62	MW-62	MW-63
Date Sampled			05/07/87	05/07/87	08/07/87	10/13/87	01/19/88	01/19/88	04/22/88	07/20/88	04/26/88	07/26/88	04/02/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/12/87	05/12/87	08/11/87	10/16/87	01/20/88	01/20/88	04/26/88	07/22/88	04/28/88	07/27/88	04/05/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis			LDA	LDB			LDA	LDB					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	4.4C	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-63
Date Sampled			04/02/86	04/02/86	11/25/86	11/25/86	01/27/87	05/11/87	08/14/87	10/22/87	01/23/88	04/15/88	07/15/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/05/86	04/05/86	12/02/86	12/05/86	01/29/87	05/13/87	08/20/87	10/29/87	01/25/88	04/20/88	07/20/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB	FDB	FDA	FDB							
Lab Analysis			LDA	LDB									
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	8.6C	9.4C	NA	NA	.2D	ND	ND	ND	ND
					NA	NA			NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67	MW-67
Date Sampled			03/20/86	10/17/86	01/23/87	05/06/87	08/15/87	10/20/87	10/20/87	01/26/88	01/26/88	04/26/88	07/15/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/26/86	10/21/86	01/29/87	05/11/87	08/19/87	10/27/87	11/24/87	01/28/88	01/28/88	04/28/88	07/18/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	0.36(0.99)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-68	MW-68	MW-68	MW-68	MW-68	MW-68	MW-68	MW-69	MW-69	MW-69	MW-69
Date Sampled			05/13/87	08/07/87	10/23/87	01/25/88	04/08/88	04/08/88	07/20/88	11/25/86	01/28/87	05/13/87	08/01/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/18/87	08/10/87	10/29/87	01/27/88	04/11/88	04/11/88	07/22/88	12/02/86	01/30/87	05/18/87	08/06/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	NR	ND	ND	ND	13C	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-69	MW-69	MW-69	MW-69	MW-69	MW-70	MW-70	MW-70	MW-70	MW-70	MW-70
Date Sampled			10/20/87	01/23/88	04/19/88	04/19/88	07/13/88	01/29/87	05/12/87	08/14/87	10/16/87	01/07/88	04/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/87	01/25/88	04/21/88	04/21/88	07/14/88	01/30/87	05/18/87	08/19/87	10/19/87	01/08/88	04/25/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis					LDA	LDB							
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	1.3C	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-70	MW-70	MW-71	MW-71	MW-72	MW-72	MW-72	MW-72	MW-72	MW-72	MW-72
Date Sampled			04/21/88	07/05/88	04/22/88	07/20/88	05/08/87	08/14/87	10/20/87	10/20/87	01/08/88	04/11/88	04/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/25/88	07/06/88	04/26/88	07/22/88	05/12/87	08/19/87	10/22/87	11/24/87	01/11/88	04/13/88	
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	CES
Field Analysis			FDB										
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	2.6DL	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	11PC	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	6.8C	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
P or PC = Identity previously confirmed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-72	MW-72	MW-72	MW-72	MW-74	MW-74	MW-75	MW-75	MW-76	MW-76	MW-88
Date Sampled			07/21/88	07/21/88	07/21/88	07/21/88	04/27/88	07/26/88	04/21/88	07/20/88	04/28/88	07/21/88	01/06/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/16/88	07/25/88	07/26/88	07/25/88	04/29/88	07/27/88	04/29/88	07/22/88	05/02/88	07/25/88	01/08/87
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDA	FDB							
Lab Analysis				LDA	LDB								
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	0.31C	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	1.6C	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	0.73C	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	11C	0.85P	3.5C	ND	4.6C	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-89	MW-89	MW-89
Date Sampled			05/04/87	05/04/87	08/13/87	10/24/87	01/21/88	01/21/88	04/11/88	07/08/88	01/06/87	05/04/87	08/13/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/06/87	05/06/87	08/17/87	10/29/87	01/22/88	01/22/88	04/12/88	07/11/88	01/08/87	05/06/87	08/17/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis			LDA	LDB									
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	NR	NR	NR	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-89	MW-89	MW-89	MW-89	MW-90	MW-90	MW-90	MW-90	MW-90	MW-90	MW-90
Date Sampled			10/21/87	01/11/88	04/15/88	07/08/88	01/20/87	05/04/87	08/13/87	10/12/87	01/20/88	04/11/88	04/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/28/87	01/12/88	04/20/88	07/11/88	01/23/87	05/06/87	08/17/87	10/14/87	01/21/88	04/12/88	04/12/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis												FDA	FDA
Lab Analysis												LDA	LDB
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-90	MW-90	MW-91	MW-91	MW-91	MW-91	MW-91	MW-91	MW-91	MW-91	MW-91
Date Sampled			04/11/88	07/14/88	01/20/87	01/20/87	04/21/87	07/28/87	10/12/87	10/12/87	01/21/88	04/18/88	07/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/12/88	07/15/88	01/26/87	01/26/87	04/22/87	07/29/87	10/13/87	10/13/87	01/22/88	04/19/88	07/22/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB		FDA	FDB			FDA	FDB			
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NR	ND	0.3QP
												NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-92	MW-92	MW-92	MW-92	MW-92	MW-92	MW-92	MW-92	MW-92	MW-92	MW-100
Date Sampled			01/20/87	04/21/87	07/28/87	10/26/87	10/26/87	10/26/87	01/21/88	01/21/88	04/12/88	07/21/88	12/21/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/26/87	04/22/87	07/29/87	10/29/87	10/29/87	11/02/87	01/22/88	01/22/88	04/14/88	07/25/88	12/26/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB	FDB	FDA	FDB			FDA
Lab Analysis							LDA	LDB					LDA
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	0.60C	0.79C	ND	NR	NR	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-100	MW-100	MW-100	MW-100	MW-100	MW-100	MW-100	MW-100	MW-100	MW-100	MW-100
Date Sampled			12/21/85	12/21/85	02/27/86	09/16/86	01/09/87	01/09/87	04/17/87	08/07/87	08/07/87	10/19/87	01/22/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/26/85	12/26/85	03/11/86	09/23/86	01/15/87	01/15/87	04/21/87	08/13/87	08/11/87	10/21/87	01/26/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB						FDA	FDB		
Lab Analysis			LDB				LDA	LDB					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	0.2	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-100	MW-100	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-101
Date Sampled			04/14/88	07/19/88	11/18/85	11/18/85	03/05/86	09/16/86	09/16/86	01/09/87	04/17/87	08/05/87	08/05/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/18/88	07/21/88	11/24/85	11/24/85	03/15/86	09/23/86	09/23/86	01/15/87	04/21/87	08/07/87	08/07/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis												FDA	FDA
Lab Analysis					LDA	LDB		LDA	LDB				LDB
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-101	MW-101	MW-101	MW-101	MW-101	MW-101	MW-102	MW-102	MW-102	MW-102	MW-102
Date Sampled			08/05/87	10/19/87	01/22/88	04/14/88	04/14/88	07/19/88	11/05/85	03/11/86	09/18/86	01/09/87	04/22/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/07/87	10/21/87	01/26/88	04/18/88	04/18/88	07/21/88	11/11/85	03/17/86	09/23/86	01/15/87	04/27/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis						LDA	LDB						
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-102	MW-103	MW-103
Date Sampled			08/07/87	08/07/87	08/07/87	10/19/87	10/19/87	10/19/87	01/20/88	04/25/88	07/12/88	12/20/85	12/20/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/11/87	08/11/87	08/11/87	10/21/87	11/03/87	10/21/87	01/21/88	04/27/88	07/14/88	12/23/85	12/23/85
Lab			SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDA	FDB							FDA	FDA
Lab Analysis				LDB	LDA	LDA	LDA	LDB				LDA	LDB
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103
Date Sampled			12/20/85	03/11/86	09/18/86	01/09/87	04/22/87	04/22/87	08/04/87	10/19/87	01/20/88	04/25/88	04/25/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/23/85	03/17/86	09/23/86	01/15/87	04/27/87	04/27/87	08/07/87	10/21/87	01/21/88	04/27/88	04/27/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB									FDA	FDB
Lab Analysis							LDA	LDB					LDA
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-103	MW-103	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104
Date Sampled			04/25/88	07/12/88	12/15/85	12/15/85	03/26/86	10/02/86	01/28/87	05/11/87	05/11/87	07/31/87	07/31/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/27/88	07/14/88	12/21/85	12/21/85	03/31/86	10/06/86	01/29/87	05/13/87	05/13/87	08/04/87	08/04/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis			LDB		LDA	LDB				LDA	LDB	LDA	LDB
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	3.6	1.8	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	0.9	0.9	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	0.9	0.9	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-104	MW-104	MW-104	MW-104	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105
Date Sampled			10/21/87	01/21/88	04/11/88	07/08/88	12/21/85	03/27/86	10/08/86	10/08/86	01/07/87	04/22/87	08/11/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/22/87	01/22/88	04/12/88	07/11/88	12/26/85	04/03/86	10/10/86	10/10/86	01/09/87	04/27/87	08/17/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-105	MW-105	MW-105	MW-105	MW-105	MW-106	MW-106	MW-106	MW-106	MW-106	MW-106
Date Sampled			10/23/87	01/22/88	01/22/88	04/26/88	07/19/88	11/21/85	03/13/86	09/18/86	01/05/87	01/05/87	04/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/29/87	01/26/88	01/26/88	04/28/88	07/21/88	11/24/85	03/19/86	09/23/86	01/06/87	01/06/87	04/22/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB								
Lab Analysis											LDA	LDB	
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	0.91C	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-106	MW-106	MW-106	MW-106	MW-106	MW-106	MW-107	MW-107	MW-107	MW-107	MW-107
Date Sampled			07/28/87	10/09/87	01/25/88	04/18/88	04/18/88	07/13/88	11/07/85	04/01/86	09/19/86	01/07/87	04/23/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/29/87	10/12/87	01/27/88	04/19/88	04/19/88	07/14/88	11/12/85	04/05/86	09/24/86	01/09/87	04/24/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB						
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-107	MW-107	MW-107	MW-107	MW-107	MW-108	MW-108	MW-108	MW-108	MW-108	MW-108
Date Sampled			07/30/87	10/12/87	01/14/88	04/18/88	07/12/88	12/27/85	04/01/86	09/19/86	01/07/87	04/22/87	07/30/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/03/87	10/13/87	01/15/88	04/21/88	07/13/88	01/03/86	04/05/86	09/24/86	01/09/87	04/24/87	08/03/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	120	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-108	MW-108	MW-108	MW-108	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109
Date Sampled			10/12/87	01/14/88	04/18/88	07/12/88	11/06/86	01/06/87	04/22/87	07/30/87	10/16/87	01/14/88	04/18/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/13/87	01/15/88	04/21/88	07/13/88	11/11/86	01/08/87	04/24/87	08/03/87	10/20/87	01/15/88	04/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-109	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110
Date Sampled			07/12/88	11/06/85	03/31/86	09/19/86	01/05/87	04/23/87	07/29/87	10/21/87	10/21/87	01/18/88	04/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/14/88	11/11/85	04/03/86	09/24/86	01/06/87	04/24/87	07/30/87	10/23/87	11/09/87	01/19/88	04/28/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	1.1	ND	NR	ND
										NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-110	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111	MW-111
Date Sampled			07/25/88	11/06/85	04/03/86	04/03/86	04/03/86	09/22/86	01/09/87	04/23/87	07/29/87	10/19/87	01/15/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/26/88	11/11/85	04/08/86	04/08/86	04/08/86	09/24/86	01/16/87	04/24/87	07/30/87	10/21/87	01/18/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDA	FDB						
Lab Analysis					LDA	LDB							
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.4C(0.56)	ND
												NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-111	MW-111	MW-111	MW-111	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112
Date Sampled			01/15/88	04/26/88	04/26/88	07/12/88	12/20/85	04/02/86	09/22/86	09/22/86	01/09/87	04/24/87	07/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				04/28/88	04/28/88	07/14/88	12/26/85	04/06/86	09/24/86	09/24/86	01/16/87	04/27/87	07/30/87
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB				LDA	LDB			LDA
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	1.8C	2.2NC	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	0.28C	0.27NC	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	1.6C	1.5NC	ND	ND	ND
									NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

NC = Result was not confirmed in second colum analysis
ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-113	MW-113	MW-113	MW-113	MW-113
Date Sampled			07/29/87	10/19/87	10/19/87	01/15/88	04/26/88	07/11/88	11/06/86	01/09/87	04/24/87	07/29/87	10/19/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/30/87	10/21/87	11/03/87	01/18/88	04/28/88	07/12/88	11/11/86	01/16/87	04/27/87	07/30/87	10/21/87
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB										
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NR	ND	ND	ND	ND	ND	ND	ND
						NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-113	MW-113	MW-113	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114
Date Sampled			01/15/88	04/26/88	07/11/88	11/11/85	10/02/86	01/13/87	04/21/87	08/12/87	10/15/87	01/07/88	01/07/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/18/88	04/28/88	07/12/88	11/15/85	10/06/86	01/19/87	04/23/87	08/18/87	10/20/87	01/08/88	
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-114	MW-114	MW-114	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115	MW-115
Date Sampled			04/21/88	04/21/88	07/12/88	12/19/85	03/06/86	10/09/86	01/19/87	04/20/87	07/27/87	07/27/87	10/08/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/25/88	04/25/88	07/13/88	12/23/85	03/17/86	10/13/86	01/22/87	04/23/87	07/28/87	07/28/87	10/09/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis											LDA	LDB	
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-115	MW-115	MW-115	MW-115	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116
Date Sampled			01/07/88	01/07/88	04/22/88	07/18/88	11/11/85	11/11/85	11/11/85	02/28/86	02/28/86	09/26/86	01/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/08/88		04/26/88	07/19/88	11/15/85	11/15/85	11/15/85	03/11/86	03/11/86	09/29/86	01/19/87
Lab			SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDA	FDB				
Lab Analysis							LDA	LDB		LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	0.1	0.1	0.22	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	0.1	0.1	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-117	MW-117	MW-117	MW-117	MW-118
Date Sampled			04/27/87	08/03/87	10/09/87	01/13/88	04/11/88	07/06/88	03/04/86	04/20/86	10/20/86	10/20/86	03/25/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/30/87	08/06/87	10/12/87	01/14/88	04/12/88	07/07/88	03/14/86	04/22/86	10/22/86	10/22/86	03/31/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-118	MW-119	MW-119	MW-119	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120
Date Sampled			10/21/86		03/05/86	10/20/86	03/04/86	04/20/86	10/1[illegible]/86	10/13/86	01/20/87	01/20/87	04/20/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/22/86	03/15/86	03/15/86	10/22/86	03/14/86	04/22/86	10/17/86	10/17/86	01/23/87	01/23/87	04/23/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB	FDA	FDB	
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-121	MW-121
Date Sampled			08/08/87	10/22/87	01/23/88	01/23/88	04/13/88	07/11/88	07/11/88	07/11/88	07/11/88	02/26/86	10/13/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/10/87	10/27/87	01/25/88	01/25/88	04/15/88	08/02/88	07/12/88	07/12/88	07/12/88	03/10/86	10/16/86
Lab			SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDA	FDB		
Lab Analysis					LDA	LDB			LDA	LDB			
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND
Toluene	100	NE	ND	ND	NR	NR	ND	ND	ND	ND	ND	0.2	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-121	MW-121	MW-121	MW-121	MW-121	MW-121	MW-121	MW-122	MW-122	MW-122	MW-122
Date Sampled			01/23/87	04/25/87	08/01/87	10/22/87	01/23/88	04/20/88	07/11/88	02/26/86	11/12/86	01/26/87	05/07/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/29/87	04/28/87	08/10/87	10/27/87	01/25/88	04/22/88	07/12/88	03/10/86	11/20/86	01/29/87	05/12/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-122	MW-122	MW-122	MW-122	MW-122	MW-123	MW-123	MW-123	MW-124	MW-124	MW-124
Date Sampled			08/08/87	10/22/87	01/23/88	04/19/88	07/18/88	03/25/86	03/25/86	10/21/86	02/25/86	11/24/86	11/24/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/10/87	10/27/87	01/25/88	04/22/88	07/19/88	03/31/86	03/31/86	10/22/86	03/10/86	12/01/86	12/01/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis								LDA	LDB			LDA	LDB
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.3(1.0)	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-125	MW-126	MW-127	MW-127	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128
Date Sampled			02/25/86	03/03/86	03/04/86	10/24/86	12/05/86	01/16/87	04/16/87	04/16/87	08/12/87	09/17/87	10/23/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/10/86	03/12/86	03/14/86	10/29/86	12/09/86	01/21/87	04/17/87	04/17/87	08/18/87	09/22/87	10/30/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.67DL	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	4.1DL	ND	ND	6.2DL	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	5.7DL	2.4DL	ND	3.0DL	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	3.4DL	2.5DL	ND	4.2DL	ND
Benzene	.7	5	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-129	MW-129	MW-129
Date Sampled			01/13/88	04/12/88	04/12/88	07/12/88	07/12/88	07/12/88	07/12/88	10/20/88	12/05/86	01/16/87	04/15/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/14/88	04/15/88		08/02/88	07/13/88	07/13/88	07/13/88	10/21/88	12/09/86	01/21/87	04/16/87
Lab			SAC	SAC	CES	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDA	FDB				
Lab Analysis							LDA	LDB					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-129	MW-129	MW-129	MW-129	MW-129	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130
Date Sampled			08/12/87	10/23/87	01/13/88	04/12/88	07/12/88	11/13/86	01/16/87	04/15/87	07/29/87	07/29/87	10/27/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/18/87	10/29/87	01/14/88	04/13/88	07/13/88	11/20/86	01/21/87	04/16/87	07/30/87	07/30/87	10/30/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	FDA
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	1.1C	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-130	MW-131	MW-131	MW-131	MW-131
Date Sampled			10/27/87	01/13/88	04/12/88	07/12/88	07/12/88	07/12/88	07/12/88	11/19/86	11/19/86	01/19/87	01/19/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/30/87	01/14/88	04/13/88	08/02/88	07/14/88	07/14/88	07/14/88	11/22/86	11/22/86	01/22/87	01/22/87
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB				FDA	FDA	FDB	FDA	FDB	FDA	FDB
Lab Analysis							LDA	LDB					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	120	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW-140 and EW-141

RADIAN = Radian Corporation, Sacramento

CES = Canonie Environmental Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NR = Not reported

NA = Not analyzed

LOQ = Limit of quantitation

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-131	MW-132
Date Sampled			04/28/87	08/07/87	10/14/87	10/14/87	01/19/88	04/13/88	04/13/88	07/13/88	07/13/88	07/13/88	11/24/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/30/87	08/13/87	10/16/87	10/16/87	01/20/88	04/14/88		08/12/88	07/15/88	07/15/88	12/01/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	CES	SAC	SAC	SAC
Field Analysis					FDA	FDB					FDA	FDB	
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132
Date Sampled			01/21/87	05/15/87	05/15/87	07/29/87	07/29/87	10/24/87	10/24/87	01/22/88	01/22/88	04/20/88	04/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/26/87	05/19/87	05/19/87	07/30/87	07/30/87	10/29/87	10/29/87	01/25/88		04/22/88	05/03/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	CES
Field Analysis				FDA	FDB	FDA	FDB	FDA	FDB				
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	0.84C	ND	NR	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-132	MW-132	MW-132	MW-132	MW-133	MW-133	MW-133	MW-134	MW-134	MW-134	MW-134
Date Sampled			07/18/88	07/18/88	07/18/88	07/18/88	02/08/88	04/14/88	07/11/88	02/08/88	02/08/88	04/14/88	07/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/01/88	07/19/88	07/19/88	07/19/88	02/10/88	04/15/88	07/12/88	02/10/88	02/10/88	04/15/88	07/12/88
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDA	FDB							
Lab Analysis				LDA	LDB					LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-135	MW-135	MW-135	MW-136	MW-136	MW-136	MW-136	MW-136	MW-138	MW-138	MW-138
Date Sampled			02/08/88	04/14/88	07/11/88	03/10/88	03/10/88	04/25/88	04/25/88	07/14/88	03/11/88	03/11/88	04/22/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/10/88	04/15/88	07/12/88	03/15/88		04/27/88	05/03/88	07/15/88	03/15/88	03/15/88	04/27/88
Lab			SAC	SAC	SAC	SAC	CES	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	15C	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-138	MW-139	MW-139	MW-139	MW-142	MW-142	MW-143	MW-143	MW-143	MW-143	MW-1000
Date Sampled			07/14/88	02/09/88	04/19/88	07/08/88	02/09/88	04/26/88	02/10/88	02/10/88	04/26/88	07/21/88	12/12/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/18/88	02/10/88	04/22/88	07/11/88	02/10/88	04/28/88	02/11/88	02/11/88	04/28/88	07/25/88	12/21/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis									LDA	LDB			
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	NR	NR	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1000	MW-1001	MW-1001
Date Sampled			03/07/86	10/03/86	01/13/87	04/27/87	08/01/87	10/08/87	01/13/88	04/20/88	07/15/88	12/18/85	04/04/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/14/86	10/06/86	01/19/87	04/29/87	08/04/87	10/09/87	01/14/88	04/29/88	07/20/88	12/23/85	04/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001
Date Sampled			10/15/86	01/26/87	05/08/87	08/08/87	10/09/87	10/09/87	01/20/88	01/20/88	01/20/88	04/27/88	04/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/20/86	01/29/87	05/12/87	08/10/87	10/12/87	10/12/87	01/21/88		01/21/88	04/29/88	04/29/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis												FDA	FDB
Lab Analysis							LDA	LDB	LDA	LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NR	ND	NR	ND	ND
									NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1001	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002	MW-1002
Date Sampled			07/22/88	11/07/85	11/07/85	04/02/86	04/02/86	09/25/86	02/04/87	05/04/87	08/08/87	10/15/87	01/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/26/88	11/12/85	11/12/85	04/06/86	04/06/86	09/26/86	02/05/87	05/06/87	08/10/87	10/19/87	01/22/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB						
Lab Analysis				LDA	LDB								
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	0.35P	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1002	MW-1002	MW-1003	MW-1003	MW-1003	MW-1003	MW-1003	MW-1003	MW-1003	MW-1003	MW-1003
Date Sampled			04/27/88	07/19/88	12/18/85	03/18/86	10/15/86	01/23/87	05/08/87	08/08/87	08/08/87	10/09/87	01/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/02/88	07/21/88	12/23/85	03/26/86	10/20/86	01/27/87	05/12/87	08/11/87	08/11/87	10/12/87	01/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			MW-1003	MW-1003	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004
Date Sampled			04/27/88	07/22/88	12/18/85	12/18/85	03/18/86	09/29/86	01/26/87	05/08/87	08/08/87	10/09/87	10/09/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/29/88	07/26/88	12/23/85	12/23/85	03/20/86	10/02/86	01/29/87	05/12/87	08/11/87	10/12/87	10/13/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis												FDA	FDB
Lab Analysis					LDA	LDB							
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	0.54(0.99)	ND	ND	ND	ND	ND
								NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005
Date Sampled			01/20/88	04/27/88	04/27/88	04/27/88	07/22/88	12/17/85	03/14/86	03/14/86	09/25/86	09/25/86	01/09/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/21/88	05/03/88	05/02/88	05/02/88	07/26/88	12/23/85	03/19/86	03/19/86	09/26/86	09/26/86	01/19/87
Lab			SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB					FDA	FDB	FDA
Lab Analysis									LDA	LDB			
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.31	0.19	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	0.4	0.4	0.26	0.3	0.15DL
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
DL = Diluted out of the confirmation run
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005
Date Sampled			01/09/87	04/16/87	04/16/87	04/16/87	07/31/87	07/31/87	10/15/87	10/15/87	01/19/88	01/19/88	04/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/19/87	04/20/87	04/20/87	04/21/87	08/03/87	08/03/87	10/19/87	10/19/87	01/20/88	01/20/88	04/29/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB	FDA	FDB	FDB	FDA	FDB	FDA	FDB	FDA	FDB	
Lab Analysis					LDA	LDB							
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1009	MW-1009	MW-1009	MW-1009	MW-1009	MW-1009
Date Sampled			04/27/88	07/19/88	07/19/88	07/19/88	07/19/88	12/19/85	03/21/86	10/09/86	02/03/87	04/17/87	07/31/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/03/88	07/29/88	07/21/88	07/21/88	07/21/88	12/23/85	04/01/86	10/13/86	02/05/87	04/21/87	08/03/87
Lab			CES	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDA	FDB						
Lab Analysis					LDA	LDB							
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1009	MW-1009	MW-1009	MW-1009	MW-1009	MW-1010	MW-1010	MW-1010	MW-1010	MW-1010	MW-1010
Date Sampled			10/15/87	01/18/88	01/18/88	04/19/88	07/26/88	04/08/86	04/08/86	10/23/86	01/13/87	05/04/87	07/31/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/19/87	01/19/88	01/19/88	04/22/88	07/27/88	04/10/86	04/10/86	10/24/86	01/19/87	05/06/87	08/03/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB			FDA	FDB				
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	NO	NO	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NR	ND	ND	ND	ND	ND	ND	ND	ND
					NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1010	MW-1010	MW-1010	MW-1010	MW-1011	MW-1011	MW-1011	MW-1011	MW-1011	MW-1011	MW-1011
Date Sampled			10/15/87	01/18/88	04/25/88	07/19/88	11/05/85	03/27/86	10/06/86	01/06/87	04/27/87	08/05/87	10/22/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/18/87	01/19/88	04/27/88	07/21/88	11/11/85	03/31/86	10/09/86	01/08/87	04/29/87	08/07/87	10/28/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	0.34(0.99)	ND	ND	ND	1.2C
									NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1011	MW-1011	MW-1011	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012
Date Sampled			01/25/88	04/22/88	07/15/88	11/15/85	03/06/86	09/24/86	01/23/87	05/05/87	07/27/87	10/26/87	01/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed Lab			01/27/88	04/26/88	07/20/88	11/22/85	03/17/86	09/26/86	01/27/87	05/06/87	07/28/87	10/29/87	01/22/88
Field Analysis			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.70C	ND
												NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1012	MW-1012	MW-1012	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013
Date Sampled			04/20/88	04/20/88	07/26/88	11/12/85	03/11/86	10/07/86	01/15/87	04/20/87	04/20/87	04/20/87	08/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/22/88	04/22/88	07/27/88	11/15/85	03/18/86	10/13/86	01/20/87	04/22/87	04/22/87	04/22/87	08/06/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB	FDB	
Lab Analysis			LDA	LDB							LDA	LDB	LDA
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1014	MW-1014	MW-1014	MW-1014
Date Sampled			08/03/87	10/22/87	10/22/87	01/19/88	04/22/88	04/22/88	07/15/88	11/14/85	11/14/85	03/12/86	10/06/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/06/87	10/28/87	10/28/87	01/20/88	04/26/88	04/26/88	07/20/88	11/15/85	11/22/85	03/18/86	10/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB	LDA	LDB		LDA	LDB		LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1015	MW-1015	MW-1015	MW-1015
Date Sampled			01/16/87	04/27/87	08/01/87	10/26/87	01/25/88	04/27/88	07/19/88	12/14/85	03/25/86	10/07/86	01/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/21/87	04/29/87	08/05/87	10/29/87	01/27/88	04/29/88	07/21/88	12/21/85	03/31/86	10/09/86	01/20/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	0.9	ND	0.21	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	0.72C	ND	ND	ND	ND	ND	0.49(0.99)	ND
						NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1015	MW-1015	MW-1015	MW-1015	MW-1015	MW-1015	MW-1016	MW-1016	MW-1016	MW-1016	MW-1016
Date Sampled			05/04/87	08/01/87	10/17/87	01/19/88	04/22/88	07/15/88	11/14/85	03/12/86	10/07/86	01/16/87	05/07/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/06/87	08/05/87	10/20/87	01/20/88	04/26/88	07/20/88	11/22/85	03/18/86	10/09/86	01/21/87	05/11/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NR	NR	ND	ND	ND	ND	ND	ND
						NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1016	MW-1016	MW-1016	MW-1016	MW-1016	MW-1016	MW-1017	MW-1017	MW-1017	MW-1017	MW-1017
Date Sampled			08/01/87	10/16/87	10/16/87	01/12/88	04/26/88	07/19/88	11/08/85	03/18/86	09/23/86	01/20/87	04/20/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/05/87	10/20/87	10/20/87	01/13/88	04/28/88	07/21/88	11/12/85	03/20/86	09/24/86	01/26/87	04/22/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB								
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	D	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1017	MW-1017	MW-1017	MW-1017	MW-1017	MW-1018	MW-1018	MW-1018	MW-1018	MW-1018	MW-1018
Date Sampled			07/28/87	10/17/87	01/21/88	04/20/88	07/12/88	11/18/85	03/12/86	09/23/86	02/04/87	05/01/87	08/04/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/29/87	10/20/87	01/22/88	04/22/88	07/14/88	11/24/85	03/18/86	09/24/86	02/05/87	05/05/87	08/07/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1018	MW-1018	MW-1018	MW-1018	MW-1019	MW-1019	MW-1019	MW-1019	MW-1019	MW-1019	MW-1019
Date Sampled			10/08/87	01/14/88	04/13/88	07/23/88	12/19/85	04/08/86	09/24/86	01/09/87	04/20/87	04/20/87	08/07/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/09/87	01/15/88	04/15/88	07/26/88	12/23/85	04/10/86	09/26/86	01/16/87	04/22/87	04/22/87	08/13/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1019	MW-1019	MW-1019	MW-1019	MW-1019	MW-1020	MW-1020	MW-1020	MW-1020	MW-1020	MW-1020
Date Sampled			10/21/87	01/25/88	01/25/88	04/22/88	07/11/88	11/08/85	03/07/86	10/03/86	10/03/86	01/13/87	04/30/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/28/87	01/27/88	01/27/88	04/26/88	07/12/88	11/12/85	03/14/86	10/06/86	10/06/86	01/19/87	05/04/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB								
Lab Analysis										LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	1.0C	ND	NR	ND	ND	ND	ND	0.69(0.99)	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1020	MW-1020	MW-1020	MW-1020	MW-1020	MW-1020	MW-1021	MW-1021	MW-1021	MW-1021	MW-1021
Date Sampled			08/01/87	10/08/87	01/13/88	01/13/88	04/18/88	07/15/88	11/07/86	01/26/87	01/26/87	04/27/87	08/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/05/87	10/09/87	01/14/88	01/14/88	04/20/88	07/20/88	11/20/86	01/29/87	01/29/87	04/29/87	08/06/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis										LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1C	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	0.36C(0.56)	NR	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1021	MW-1021	MW-1021	MW-1021	MW-1021	MW-1021	MW-1022	MW-1022	MW-1022	MW-1022	MW-1022
Date Sampled			10/27/87	10/27/87	01/19/88	04/21/88	04/21/88	07/19/88	11/07/86	01/23/87	04/27/87	08/03/87	10/20/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/02/87	11/04/87	01/20/88	04/25/88	05/03/88	07/21/88	11/11/86	01/27/87	04/29/87	08/06/87	10/23/87
Lab			SAC	CES	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1022	MW-1022	MW-1022	MW-1022	MW-1022	MW-1022	MW-1022	MW-1023	MW-1023	MW-1023	MW-1023
Date Sampled			10/20/87	01/19/88	04/21/88	07/19/88	07/19/88	07/19/88	07/19/88	11/04/86	01/19/87	04/15/87	08/11/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/24/87	01/20/88	04/25/88	07/29/88	07/21/88	07/21/88	07/21/88	11/06/86	01/26/87	04/16/87	08/13/87
Lab			CES	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDA	FDB				
Lab Analysis							LDA	LDB					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	NR	ND	ND	0.31C	ND	0.34P	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
P or PC = Identity previously confirmed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1023	MW-1023	MW-1023	MW-1023	MW-1023	MW-1024	MW-1024	MW-1024	MW-1024	MW-1024	MW-1024
Date Sampled			10/22/87	01/13/88	01/13/88	04/15/88	07/08/88	11/04/86	01/19/87	01/19/87	04/15/87	04/15/87	08/11/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/28/87	01/14/88	01/14/88	04/18/88	07/11/88	11/06/86	01/26/87	01/26/87	04/16/87	04/16/87	08/13/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB					LDB	LDA	LDB	
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	0.15	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	0.12	ND	ND	ND	ND	ND
Toluene	100	NE	ND	NR	ND	ND	ND	1.1	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1024	MW-1024	MW-1024	MW-1024	MW-1024	MW-1025	MW-1025	MW-1025	MW-1025	MW-1025	MW-1025
Date Sampled			10/15/87	10/15/87	01/12/88	04/15/88	07/08/88	11/03/86	01/19/87	04/15/87	08/11/87	10/15/87	01/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/18/87	10/18/87	01/13/88	04/18/88	07/11/88	11/06/86	01/26/87	04/16/87	08/13/87	10/18/87	01/13/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB									
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	0.26	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	2.3	ND	ND	ND	ND	ND
								NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1025	MW-1025	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026	MW-1026
Date Sampled			04/15/88	07/08/88	11/05/86	01/14/87	04/17/87	08/05/87	10/14/87	01/15/88	01/15/88	04/18/88	07/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/18/88	07/11/88	11/11/86	01/20/87	04/21/87	08/07/87	10/19/87	01/18/88	01/18/88	04/20/88	07/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	0.43C(0.56)	NR	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1027	MW-1028
Date Sampled			11/25/86	01/14/87	01/14/87	04/17/87	08/05/87	10/14/87	01/15/88	04/18/88	04/18/88	07/13/88	08/07/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/02/86	01/20/87	01/20/87	04/21/87	08/07/87	10/16/87	01/18/88	04/20/88	04/20/88	07/15/88	08/13/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB					LDA	LDB		
Chlorobenzene	30	NE	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	0.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1028	MW-1028	MW-1028	MW-1028	MW-1028	MW-1029	MW-1029	MW-1029	MW-1029	MW-1029	MW-1029
Date Sampled			10/14/87	10/14/87	01/15/88	04/18/88	07/13/88	11/11/86	11/11/86	11/11/86	01/08/87	01/08/87	04/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/16/87	11/09/87	01/18/88	04/20/88	07/15/88	11/19/86	11/19/86	11/19/86	01/13/87	01/13/87	05/01/87
Lab			SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDA	FDB	FDA	FDB	
Lab Analysis								LDA	LDB				
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1029	MW-1029	MW-1029	MW-1029	MW-1029	MW-1029	MW-1030	MW-1030	MW-1030	MW-1030	MW-1030
Date Sampled			08/07/87	10/12/87	10/12/87	10/12/87	01/18/88	04/14/88	11/11/86	01/08/87	04/29/87	08/07/87	10/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/13/87	10/13/87	10/13/87	10/13/87	01/20/88	04/18/88	11/19/86	01/13/87	05/01/87	08/13/87	10/14/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB	FDB							
Lab Analysis					LDA	LDB							
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14C	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NR	ND	ND	ND	ND	ND	0.48C(0.56)
							NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1030	MW-1030	MW-1031	MW-1031	MW-1031	MW-1031	MW-1031	MW-1031	MW-1031	MW-1031	MW-1032
Date Sampled			01/17/88	04/14/88	11/18/86	01/08/87	04/29/87	08/10/87	10/12/87	10/12/87	01/17/88	04/14/88	11/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/88	04/18/88	11/21/86	01/13/87	05/01/87	08/14/87	10/13/87	10/13/87	01/20/88	04/18/88	11/22/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1032	MW-1032	MW-1032	MW-1032	MW-1032	MW-1032	MW-1032	MW-1033	MW-1033	MW-1033	MW-1033
Date Sampled			01/13/87	05/01/87	08/04/87	10/09/87	01/14/88	04/13/88	07/14/88	11/12/86	01/08/87	04/28/87	08/10/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/19/87	05/05/87	08/07/87	10/12/87	01/15/88	04/15/88	07/15/88	11/20/86	01/13/87	04/29/87	08/14/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1033	MW-1033	MW-1033	MW-1033	MW-1033	MW-1033	MW-1034	MW-1034	MW-1034	MW-1034	MW-1034
Date Sampled			10/13/87	01/12/88	01/12/88	04/15/88	04/15/88	07/13/88	11/12/86	01/08/87	04/28/87	08/10/87	10/13/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/14/87	01/13/88	01/13/88	04/20/88	04/20/88	07/14/88	11/20/86	01/13/87	04/30/87	08/14/87	10/14/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB	LDA	LDB						LDA
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NR	NR	ND	ND	ND	ND	ND	ND	ND	0.47C(0.56)
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1034	MW-1034	MW-1034	MW-1034	MW-1034	MW-1035	MW-1035	MW-1035	MW-1035	MW-1035	MW-1035
Date Sampled			10/13/87	01/12/88	01/12/88	04/15/88	07/13/88	11/25/86	01/08/87	04/28/87	08/10/87	10/13/87	01/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/14/87	01/13/88	01/13/88	04/20/88	07/14/88	12/02/86	01/13/87	04/29/87	08/14/87	10/14/87	01/13/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB								
Lab Analysis			LDB										
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	NR	NR	NR	ND	ND	ND	ND	ND	ND	NR
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Lev.1	U.S.EPA Primary MCL	WELL NUMBER MW-1035	MW-1035	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036	MW-1036
Date Sampled			04/15/88	07/13/88	11/19/86	01/16/87	01/16/87	04/23/87	08/06/87	10/21/87	10/21/87	01/14/88	01/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/20/88	07/14/88	11/22/86	01/21/87	01/21/87	04/24/87	08/10/87	10/23/87	10/23/87	01/15/88	01/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB	FDA	FDB
Lab Analysis						LDA	LDB						
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.40C(0.56)	0.66C	NR	ND
										NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1036	MW-1036	MW-1037	MW-1037	MW-1037	MW-1037	MW-1037	MW-1037	MW-1037	MW-1037	MW-1038
Date Sampled			04/22/88	07/22/88	10/31/86	01/15/87	05/07/87	08/12/87	10/13/87	01/15/88	04/18/88	07/14/88	11/20/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/26/88	07/26/88	11/03/86	01/21/87	05/11/87	08/18/87	10/15/87	01/18/88	04/21/88	07/18/88	11/24/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													LDA
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	0.65C	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1038	MW-1039	MW-1039
Date Sampled			11/20/86	01/15/87	04/30/87	08/04/87	10/13/87	01/15/88	04/18/88	04/18/88	07/14/88	11/20/86	01/15/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/24/86	01/21/87	05/04/87	08/07/87	10/16/87	01/18/88	04/21/88	04/21/88	07/18/88	11/24/86	01/21/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB						LDA	LDB			LDA
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	0.31(0.99)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1039	MW-1039	MW-1039	MW-1039	MW-1039	MW-1039	MW-1039	MW-1040	MW-1040	MW-1040	MW-1040
Date Sampled			01/15/87	04/30/87	08/03/87	10/13/87	01/27/88	04/18/88	07/14/88	11/17/86	01/21/87	05/05/87	07/27/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/21/87	05/04/87	08/06/87	10/16/87	01/29/88	04/21/88	07/18/88	11/21/86	01/27/87	05/06/87	07/28/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB										
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well

LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

LOQ = Limit of quantitation

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1040	MW-1040	MW-1040	MW-1040	MW-1041	MW-1041	MW-1041	MW-1041	MW-1041	MW-1041	MW-1041
Date Sampled			10/20/87	01/20/88	04/25/88	07/20/88	11/14/86	11/14/86	01/22/87	01/22/87	05/06/87	08/06/87	10/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/87	01/21/88	04/27/88	07/22/88	11/20/86	11/20/86	01/28/87	01/28/87	05/11/87	08/10/87	10/18/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB	FDA	FDB			
Lab Analysis													LDA
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1041	MW-1041	MW-1041	MW-1041	MW-1041	MW-1042	MW-1042	MW-1042	MW-1042	MW-1042	MW-1042
Date Sampled			10/14/87	10/14/87	01/18/88	04/19/88	07/15/88	11/21/86	01/22/87	05/06/87	08/06/87	10/14/87	01/18/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/09/87	10/18/87	01/19/88	04/22/88	07/18/88	11/25/86	01/28/87	05/11/87	08/10/87	10/18/87	01/19/88
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB									
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NR	ND	ND	ND	ND	ND	ND	ND	ND
					NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	CHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1042	MW-1042	MW-1043	MW-1043	MW-1043	MW-1043	MW-1043	MW-1043	MW-1043	MW-1043	MW-1043
Date Sampled			04/19/88	07/15/88	11/21/86	01/22/87	05/06/87	05/06/87	08/06/87	10/14/87	01/18/88	01/18/88	04/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/21/88	07/18/88	11/25/86	01/28/87	05/11/87	05/11/87	08/10/87	10/18/87	01/19/88	01/19/88	04/22/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis							LDA	LDB			LDA	LDB	
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1043	MW-1043	OW-42	OW-44	OW-45	OW-46	OW-47	OW-48	OW-135	OW-136	OW-136
Date Sampled			04/19/88	07/15/88	10/16/86	10/16/86	10/16/86	10/16/86	10/16/86	10/16/86	10/17/86	10/17/86	10/17/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/22/88	07/18/88	10/20/86	10/20/86	10/20/86	10/20/86	10/20/86	10/20/86	10/21/86	10/21/86	10/21/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB									FDA	FDB
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	1.6C	0.78C(1.0)	0.72C(1.0)
											NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-137	OW-139	OW-140	OW-141	OW-141	OW-142	OW-142	OW-144	OW-145	OW-146	OW-147
Date Sampled			10/17/86	10/17/86	10/17/86	10/17/86	01/19/87	10/30/86	10/30/86	10/29/86	10/29/86	10/14/86	10/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/21/86	10/21/86	10/21/86	10/21/86	01/21/87	11/03/86	11/03/86	10/31/86	10/31/86	10/15/86	10/15/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB				
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	0.80C(1.0)	1.6C	0.36C(1.0)	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-148	OW-150	OW-151	OW-152	OW-154	OW-155	OW-155	OW-157	OW-158	OW-162	OW-183
Date Sampled			10/14/86	10/14/86	10/14/86	10/17/86	10/17/86	10/17/86	10/17/86	10/17/86	10/17/86	10/20/86	01/30/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/15/86	10/15/86	10/15/86	10/21/86	10/21/86	10/21/86	10/21/86	10/21/86	10/21/86	10/21/86	02/02/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis								LDA	LDB				
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	0.94C(1.0)	ND	ND	1.5C	0.66C(1.0)	0.79C(1.0)	0.53C(1.0)	1.9C	0.40C(1.0)	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-184	OW-184	OW-235	OW-238	OW-240	OW-262	OW-262	OW-264	OW-269	OW-269	OW-3[illegible]
Date Sampled			10/13/86	01/20/87	10/28/86	10/15/86	10/23/86	10/23/86	10/23/86	10/23/86	10/21/86	01/23/87	10/15/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/14/86	01/26/87	10/29/86	10/17/86	10/27/86	10/27/86	10/27/86	10/27/86	10/23/86	01/29/87	10/17/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis								LDA	LDB				
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	0.40C(1.0)	ND	ND	ND	ND	0.43C(1.0)	ND	0.68C(1.0)
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-331	OW-331	OW-332	OW-332	OW-333	OW-333	OW-334	OW-334	OW-335	OW-335	OW-338
Date Sampled			10/15/86	01/20/87	10/15/86	01/20/87	10/15/86	01/20/87	10/15/86	01/19/87	10/15/86	01/19/87	10/15/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/17/86	01/23/87	10/17/86	01/23/87	10/17/86	01/26/87	10/17/86	01/21/87	10/17/86	01/21/87	10/17/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-338	OW-340	OW-340	OW-341	OW-341	OW-341	OW-352	OW-354	OW-354	OW-355	OW-358
Date Sampled			01/19/87	10/15/86	01/23/87	10/15/86	01/26/87	01/26/87	10/14/86	10/14/86	10/14/86	10/14/86	10/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/21/87	10/17/86	01/29/87	10/20/86	01/30/87	01/30/87	10/15/86	10/15/86	10/15/86	10/15/86	10/15/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					FDA
Lab Analysis										LDA	LDB		
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5 K		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	1.1C	ND	0.76C(1.0)	ND	ND	0.43C(1.0)	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-358	OW-359	OW-360	OW-361	OW-361	OW-361	OW-363	OW-365	OW-365	OW-454	OW-454
Date Sampled			10/14/86	10/15/86	10/22/86	10/22/86	01/23/87	01/23/87	10/22/86	10/22/86	01/19/87	10/22/86	01/19/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/15/86	10/17/86	10/24/86	10/24/86	01/29/87	01/29/87	10/24/86	10/24/86	01/21/87	10/24/86	01/21/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis								LDB					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-472	OW-520	OW-537	OW-537	OW-542	OW-543	OW-544	OW-544	OW-544	OW-544	OW-544
Date Sampled			10/22/86	10/23/86	10/20/86	01/30/87	10/13/86	10/13/86	10/28/86	10/28/86	10/28/86	10/28/86	10/28/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/24/86	10/27/86	10/21/86	02/02/87	10/14/86	10/14/86	11/13/86	11/13/86	10/30/86	10/30/86	10/30/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	ELI	ELI	SAC	SAC	SAC
Field Analysis											FDA	FDA	FDB
Lab Analysis									LDA	LDB	LDA	LDB	
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-620	OW-620	OW-621	OW-622	OW-623	OW-624	OW-625	OW-626	OW-627	OW-627	OW-628
Date Sampled			10/16/86	10/16/86	10/28/86	10/16/86	10/16/86	10/20/86	10/20/86	10/20/86	10/16/86	10/16/86	10/20/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/20/86	10/20/86	10/30/86	10/20/86	10/20/86	10/21/86	10/21/86	10/21/86	10/20/86	10/20/86	10/21/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis			LDA	LDB									
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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LOQ = Limit of quantitation
NE = Not established

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-630	OW-630	OW-631	OW-632	OW-633	OW-637	OW-637	OW-639	OW-639	OW-640	OW-640
Date Sampled			10/20/86	10/20/86	10/20/86	10/20/86	10/20/86	10/21/86	01/22/87	10/21/86	01/22/87	10/21/86	01/22/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/21/86	10/21/86	10/21/86	10/21/86	10/21/86	10/23/86	01/28/87	10/23/86	01/28/87	10/23/86	01/28/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB									
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.73C(1.0)	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-641	OW-641	OW-662	OW-662	OW-663	OW-663	OW-666	OW-666	OW-667	OW-667	OW-810
Date Sampled			10/21/86	01/22/87	10/27/86	01/21/87	10/13/86	01/21/87	10/13/86	01/21/87	10/13/86	01/21/87	10/13/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/86	01/28/87	10/28/86	01/26/87	10/14/86	01/26/87	10/14/86	01/26/87	10/14/86	01/26/87	10/14/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-810	OW-828	OW-828	OW-829	OW-829	OW-829	OW-869	OW-889	OW-889	OW-892	OW-892
Date Sampled			10/13/86	10/27/86	01/19/87	10/27/86	10/27/86	10/27/86	10/23/86	10/21/86	01/21/87	10/21/86	01/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/14/86	10/28/86	01/21/87	11/13/86	10/28/86	10/28/86	10/27/86	10/23/86	01/27/87	10/23/86	01/26/87
Lab			SAC	SAC	SAC	ELI	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB				FDA	FDB					
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	0.38C(1.0)	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-893	OW-893	OW-894	OW-894	OW-895	OW-895	OW-896	OW-896	OW-897	OW-897	OW-898
Date Sampled			10/21/86	01/21/87	10/21/86	01/22/87	10/21/86	01/22/87	10/21/86	01/22/87	10/22/86	01/22/87	10/21/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/86	01/27/87	10/23/86	01/27/87	10/23/86	01/27/87	10/23/86	01/27/87	10/24/86	01/27/87	10/23/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													LDA
Lab Analysis													
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	0.40C(1.0) NA	ND NA	0.70C(1.0) NA	ND NA	ND NA	ND NA	0.34C(1.0) NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second colum analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-898	OW-898	OW-899	OW-899	OW-899	OW-899	OW-905	OW-906	OW-906	OW-909	OW-910
Date Sampled			10/21/86	01/22/87	10/21/86	01/22/87	01/22/87	01/22/87	10/27/86	10/30/86	10/30/86	10/27/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/86	01/27/87	10/23/86	01/28/87	01/28/87	01/28/87	10/28/86	11/03/86	11/03/86	10/28/86	10/31/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB		FDA	FDB		FDA
Lab Analysis			LDB			LDB		LDA					
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	0.70C(1.0)	ND	0.64C(1.0)	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-910	OW-911	OW-914	OW-914	OW-918	OW-924	OW-924	OW-924	OW-924	OW-924	OW-924
Date Sampled			10/29/86	10/13/86	10/13/86	10/13/86	10/13/86	10/28/86	10/28/86	10/28/86	01/21/87	01/21/87	01/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/31/86	10/14/86	10/14/86	10/14/86	10/14/86	11/13/86	10/29/86	10/29/86	01/27/87	01/27/87	01/27/87
Lab			SAC	SAC	SAC	SAC	SAC	ELI	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB						FDA	FDB		FDA	FDB
Lab Analysis					LDA	LDB					LDA	LDB	
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-925	OW-925	OW-925	OW-945	OW-946	OW-946	OW-954	OW-954	OW-954	OW-998	OW-998
Date Sampled			10/27,86	10/27/86	01/21/87	01/30/87	10/28/86	01/23/87	10/28/86	01/30/87	01/30/87	10/23/86	01/23/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	VADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/28/86	10/28/86	01/27/87	02/02/87	10/29/86	01/29/87	10/29/86	02/02/87	02/02/87	10/27/86	01/29/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB		
Lab Analysis			LDA	LDB									
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			CW-1014	CW-1045	CW-1045	CW-1045	CW-1045	CW-1053	CW-1053	CW-1142	CW-1175	CW-1175	CW-1175
Date Sampled			10/31/86	10/28/86	01/30/87	01/30/87	01/30/87	10/20/86	01/20/87	10/14/86	10/28/86	01/29/87	01/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/03/86	10/30/86	02/04/87	02/04/87	02/04/87	10/21/86	01/23/87	10/15/86	10/30/86	02/02/87	02/02/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB					FDA	FDB
Lab Analysis					LDB		LDA						
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	0.45C(1.0)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
C = Analysis confirmed in second column analysis
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8020 ANALYTES (METHOD 602 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER		
			OW-1238	OW-1238	OW-1238
Date Sampled			10/29/86	10/29/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN
Date Analyzed			10/31/86	10/31/86	10/31/86
Lab			SAC	SAC	SAC
Field Analysis			FDA	FDB	FDB
Lab Analysis				LDA	LDB
Chlorobenzene	30	NE	ND	ND	ND
1,3-Dichlorobenzene	130	NE	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND
1,4-Dichlorobenzene	(LOQ)0.5	NE	ND	ND	ND
Benzene	.7	5	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND
Toluene	100	NE	ND	ND	ND
Total Xylenes	NE	NE	NA	NA	NA

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN
CORPORATION

RESULTS FOR U.S. EPA METHOD 603

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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 603 ANALYTES (SEPTEMBER 1984-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-4	MW-6	MW-7	MW-9	MW-10	MW-11	MW-12	MW-14	MW-15	MW-16D	MW-16S
Date Sampled			10/02/84	10/01/84	09/21/84	09/30/84	09/18/84	09/19/84	09/20/84	09/20/84	09/18/84	09/24/84	09/26/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/08/84	10/05/84	10/02/84	10/04/84	09/28/84	10/01/84	10/02/84	10/01/84	09/28/84	10/02/84	10/03/84
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 603 ANALYTES (SEPTEMBER 1984-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-17D	MW-17S	MW-18D	MW-18D	MW-18S	MW-19D	MW-19S	MW-20D	MW-20S	MW-21D	MW-21D
Date Sampled			09/26/84	09/13/84	09/25/84	09/25/84	09/29/84	09/13/84	09/14/84	09/19/84	09/30/84	09/17/84	09/17/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/03/84	09/24/84	10/02/84	10/03/84	10/05/84	09/25/84	09/27/84	10/01/84	10/05/84	09/27/84	09/27/84
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis					FDA	FDB						FDA	FDB
Lab Analysis													
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 603 ANALYTES (SEPTEMBER 1984-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21S	MW-22D	MW-22D	MW-22S	MW-23D	MW-23S	MW-24D	MW-24S	MW-25D	MW-25S	MW-26D
Date Sampled			09/17/84	09/20/84	09/20/84	09/21/84	09/26/84	09/29/84	09/27/84	09/12/84	09/25/84	09/29/84	09/27/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/27/84	10/01/84	10/01/84	10/02/84	10/03/84	10/04/84	10/04/84	09/26/84	10/02/84	10/05/84	10/04/84
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis				FDA	FDB								
Lab Analysis													
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 603 ANALYTES (SEPTEMBER 1984-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-26S	MW-27D	MW-27D	MW-27S	MW-28D	MW-29D	MW-29D	MW-30S	MW-31S	MW-33S	MW-36S
Date Sampled			09/29/84	10/01/84	10/01/84	09/12/84	09/26/84	10/01/84	10/01/84	09/18/84	09/25/84	09/18/84	09/17/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/04/84	10/05/84	10/08/84	09/25/84	10/03/84	10/05/84	10/05/84	09/28/84	10/02/84	09/28/84	09/27/84
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis				FDA	FDB			FDA	FDB				
Lab Analysis													
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 603 ANALYTES (SEPTEMBER 1984-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-38D	MW-40S	MW-41S	MW-42S	MW-43S	MW-44S	MW-45S	MW-46S	MW-47S
Date Sampled			09/14/84	09/30/84	09/24/84	09/28/84	09/13/84	09/21/84	09/19/84	09/29/84	10/01/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/25/84	10/04/84	10/02/84	10/04/84	09/25/84	10/02/84	10/01/84	10/05/84	10/05/84
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis											
Lab Analysis											
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

RADIAN
CORPORATION

RESULTS FOR U.S. EPA METHOD 604

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MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-10	MW-11	MW-12	MW-14	MW-15	MW-20D	MW-20D	MW-20D	MW-22D	MW-22D	MW-24D
Date Sampled			07/22/88	07/25/88	07/26/88	07/22/88	07/22/88	01/29/87	01/22/88	01/22/88	01/23/87	01/23/87	04/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/01/88	08/02/88	08/02/88	08/01/88	08/01/88	02/12/87	02/04/88	02/04/88	02/12/87	02/12/87	05/04/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis									LDA	LDB	LDA	LDB	
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	0.24C	3.7	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
C = Analysis confirmed in second column analysis
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 60A ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27D	MW-27D	MW-29D	MW-31S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S
Date Sampled			04/08/88	04/08/88	04/08/88	10/24/87	04/13/88	01/29/87	01/29/87	04/16/87	07/31/87	10/26/87	01/08/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				04/18/88	04/18/88	11/06/87	04/18/88	02/12/87	02/12/87	05/06/87	08/21/87	11/06/87	01/22/88
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB	FDA			
Lab Analysis				LDA	LDB								
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	0.57C(1.29)	0.84C(1.29)	ND	ND	ND	ND	0.35(1.02)	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	0.61C	0.77C	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	2.0C	4.6C	ND	ND	0.25	ND	2.4	ND	1.1C	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
C = Analysis confirmed in second column analysis
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-36S	MW-36S	MW-41S	MW-44S	MW-44S	MW-52	MW-54	MW-55	MW-55	MW-55	MW-55
Date Sampled			04/16/87	04/16/87	04/18/88	01/12/87	01/22/88	04/07/88	04/27/87	04/20/87	10/14/87	10/14/87	04/08/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/06/87	05/06/87	05/04/88	02/11/87	02/04/88	04/18/88	05/11/87	05/05/87	10/29/87	11/09/87	04/18/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis									FDA	FDA			FDA
Lab Analysis			LDA	LDB						LDA			
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	1.2C(2.1)	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	2.0	2.5	ND	2.4	ND	ND	1.5	1.8	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	0.57	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
PDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannnis Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
C = Analysis confirmed in second column analysis
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-57	MW-59	MW-60	MW-61	MW-61	MW-62	MW-63	MW-70	MW-70	MW-70
Date Sampled			04/08/88	04/28/87	04/21/87	01/13/87	01/29/87	01/19/88	07/26/88	04/15/88	01/29/87	01/07/88	01/07/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/18/88	05/11/87	05/05/87	02/11/87	02/12/87	01/22/88	08/02/88	05/06/88	02/12/87	01/22/88	01/22/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB	FDA	FDA								
Lab Analysis												LDA	LDB
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	3.3	0.32	ND	2.6	ND	ND	ND	2.9	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-71	MW-74	MW-75	MW-75	MW-75	MW-76	MW-88	MW-88	MW-88	MW-89	MW-89
Date Sampled			07/20/88	07/26/88	04/21/88	04/21/88	07/20/88	07/21/88	01/06/87	01/21/88	01/21/88	01/06/87	01/06/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/01/88	08/02/88	05/04/88	05/04/88	08/01/88	08/01/88	02/11/87	02/04/88	02/04/88	02/11/87	02/11/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB		
Lab Analysis					LDA	LDB						LDA	LDB
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	1.1C	1.1C	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	0.36C	ND	ND	ND	0.86	2.3	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
C = Analysis confirmed in second column analysis
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-90	MW-90	MW-91	MW-91	MW-91	MW-92	MW-100	MW-101	MW-101	MW-101	MW-102
Date Sampled			01/20/87	01/20/88	01/20/87	01/20/87	01/21/88	04/12/88	08/13/87	08/05/87	08/05/87	10/19/87	08/07/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/12/87	02/04/88	02/12/87	02/12/87	02/04/88	04/18/88	08/21/87	08/21/87	08/21/87	10/29/87	08/21/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis										LDA	LDB		
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	3.4	0.44C	3.5	2.7	ND	ND	1.1C	ND	0.90C	ND	1.2C
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
C = Analysis confirmed in second column analysis
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-102	MW-103	MW-103	MW-104	MW-105	MW-110	MW-112	MW-128	MW-128	MW-128	MW-128
Date Sampled			10/19/87	08/04/87	10/19/87	10/21/87	04/26/88	04/26/88	04/26/88	01/16/87	04/16/87	01/13/88	07/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/29/87	08/21/87	10/29/87	11/03/87	05/05/88	05/05/88	05/05/88	02/12/87	05/06/87	01/22/88	
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	
Field Analysis													CES
Lab Analysis													
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	1.5C	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	2.8	1.5	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
C = Analysis confirmed in second column analysis
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-128	MW-129	MW-129	MW-130	MW-132	MW-132	MW-132	MW-132	MW-132	MW-132
Date Sampled			07/12/88	07/12/88	01/16/87	01/13/88	01/16/87	01/21/87	05/15/87	07/29/87	10/24/87	10/24/87	01/22/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/31/88	07/31/88	02/12/87	01/22/88	02/12/87	02/12/87	05/27/87	08/04/87	11/06/87	11/06/87	02/04/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB					FDA		FDA	FDB	
Lab Analysis													
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	2.9	ND	ND	3.2	5.0	1.7C	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW-140 and EW-141

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
C = Analysis confirmed in second column analysis
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1005	MW-1012	MW-1012	MW-1013	MW-1014	MW-1021	MW-1022	MW-1022	MW-1037	MW-1037	MW-1038
Date Sampled			04/16/87	07/27/87	10/26/87	04/20/87	04/27/88	10/27/87	10/20/87	10/20/87	08/12/87	10/13/87	08/04/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/06/87	08/04/87	11/06/87	05/05/87	05/05/88	11/12/87	11/03/87	10/22/87	08/21/87	10/29/87	08/21/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis			FDA			FDA							
Lab Analysis													
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	0.76	2.6C	ND	1.7	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	1.5C	ND	0.94C
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
C = Analysis confirmed in second column analysis
NE = Not established

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B 445

MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1038	MW-1039	MW-1039	OW-136	OW-136	OW-137	OW-142	OW-148	OW-155	OW-334	OW-335
Date Sampled			10/13/87	08/03/87	10/13/87	01/21/86	10/17/86	01/21/86	10/30/86	01/21/86	01/22/86	07/09/86	07/23/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/29/87	08/17/87	10/29/87	02/07/86	10/29/86	02/07/86	11/03/86	02/07/86	02/11/86	07/18/86	08/05/86
Lab			SAC	SAC	SAC	RAS	SAC	RAS	SAC	RAS	RAS	SAC	SAC
Field Analysis													
Lab Analysis													
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	4.2	1.5	5.0	0.50	1.5	ND	2.0	1.9
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-340	OW-340	OW-358	OW-358	OW-359	OW-359	OW-360	OW-363	OW-544	OW-544	OW-654
Date Sampled			07/08/86	07/08/86	07/09/86	10/14/86	01/22/86	01/22/86	01/22/86	01/23/86	10/28/86	10/31/86	04/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/18/86	07/18/86	07/18/86	10/29/86	02/11/86	02/11/86	02/11/86	02/08/86	10/30/86	11/13/86	05/07/86
Lab			SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS	SAC	ELI	RAS
Field Analysis							FDA	FDB					
Lab Analysis			LDA	LDB									
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	0.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	2.3	1.3	1.7	2.0B	1.1	3.5	1.6	0.6	0.64	ND	1.7C
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Service
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
C = Analysis confirmed in second column analysis
NE = Not established

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MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			OW-810	OW-810	OW-810	OW-810	OW-829	OW-829	OW-868	OW-906	OW-906	OW-910	OW-911
Date Sampled			01/21/86	10/13/86	10/13/86	10/13/86	10/27/86	10/31/86	07/23/86	10/30/86	10/30/86	10/29/86	01/23/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/07/86	10/28/86	10/28/86	10/28/86	10/30/86	11/13/86	08/05/86	11/03/86	11/03/86	11/03/86	02/08/86
Lab			RAS	SAC	SAC	SAC	SAC	ELI	SAC	SAC	SAC	SAC	RAS
Field Analysis				FDA	FDB	FDB							
Lab Analysis					LDA	LDB				LDA	LDB		
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	2.0	1.0B	1.5B	0.85	1.9	ND	0.86	1.1	0.48	0.97	0.4
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
NE = Not established

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MASTER LOG OF WELLS SAMPLED FOR METHOD 604 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-921	OW-924	OW-924	OW-924	OW-994	OW-998	OW-1238
Date Sampled			01/23/86	10/28/86	10/31/86	10/31/86	07/10/86	07/10/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/08/86	10/30/86	11/13/86	11/13/86	07/17/86	07/17/86	11/03/86
Lab			RAS	SAC	ELI	ELI	SAC	SAC	SAC
Field Analysis									
Lab Analysis					LDA	LDB			
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	0.94	ND	ND	ND	2.7	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NE = Not established

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RESULTS FOR U.S. EPA METHOD 624

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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-1	BW-2	BW-8	BW-11	BW-12	BW-13	BW-17	BW-18	BW-28	BW-29	MW-4
Date Sampled			01/29/82	01/12/82	01/12/82	01/12/82	01/12/82	01/12/82	01/12/82	01/12/82	01/12/82	01/12/82	03/31/82
Sampled By			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed													
Lab			CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	175	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1500	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
BW = Base production well

ES = Engineering Science, Inc.
CAL = California Analytical Labs

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-6	MW-7	MW-7	MW-8	MW-9	MW-9	MW-10	MW-11	MW-11	MW-12	MW-12
Date Sampled			03/30/82	03/17/82	03/29/82	03/31/82	03/31/82	04/28/82	03/30/82	03/30/82	08/18/82	04/29/82	08/18/82
Sampled By			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed													
Lab			CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	3700	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	500	19300	63000	4200	2500
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	19	170	250	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	20	26	ND	ND	ND	15	180	200	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	20	ND	40	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	17	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	4300	12000	2700	520
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	25	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	24	30	29	61	ND	225	140	2100	5000	930	160
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	10	ND	70	18
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	80	ND	10	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

ES = Engineering Science, Inc.

CAL = California Analytical Labs

ND = Nothing detected

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-13	MW-13	MW-14	MW-14	MW-15	MW-15	MW-16D	MW-16D	MW-16S	MW-16S	MW-17D
Date Sampled			03/30/82	08/18/82	03/30/82	08/18/82	04/29/82	08/18/82	06/16/82	08/17/82	06/16/82	08/17/82	06/16/82
Sampled By			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed													
Lab			CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	50	ND	25	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	1000	ND	3000	ND	5000	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	1100	780	4600	17000	5980	9600	ND	ND	ND	10	ND
1,1-Dichloroethane	20	NE	40	ND	110	100	225	200	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	80	6	130	200	135	110	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	120	ND	20	40	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	300	68	8700	2300	2200	2500	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1470	230	5600	11000	2800	3000	ND	ND	ND	10	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	680	10	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	50	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

ES = Engineering Science, Inc.
CAL = California Analytical Labs

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-17D	MW-17S	MW-17S	MW-18D	MW-18D	MW-18S	MW-18S	MW-19D	MW-19D	MW-19D	MW-19S
Date Sampled			08/17/82	06/16/82	08/17/82	06/15/82	08/16/82	06/15/82	08/16/82	04/28/82	08/16/82	08/09/83	08/16/82
Sampled By			ES	ES	ES	ES	ES	ES	ES	ES	ES	RADIAN	ES
Date Analyzed												08/29/83	
Lab			CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	RAS	CAL
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	RD	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19S	MW-20D	MW-20D	MW-20S	MW-20S	MW-21D	MW-21D	MW-21S	MW-21S	MW-22D	MW-22D
Date Sampled			08/09/83	04/28/82	08/11/82	05/25/82	08/11/82	06/15/82	06/15/82	06/15/82	08/13/82	04/28/82	08/ /82
Sampled By			RADIAN	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed			08/29/83										
Lab			RAS	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	45	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	220	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	440	5	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
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CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-22S	MW-22S	MW-23D	MW-23D	MW-23S	MW-23S	MW-24D	MW-24D	MW-24S	MW-24S	MW-25D
Date Sampled			06/04/82	08/13/82	04/28/82	08/13/82	04/28/82	08/13/82	04/28/82	08/12/82	04/28/82	08/12/82	06/15/82
Sampled By			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed													
Lab			CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	8	16	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

ES = Engineering Science, Inc.

CAL = California Analytical Labs

ND = Nothing detected

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-25D	MW-25S	MW-25S	MW-26D	MW-26D	MW-26S	MW-26S	MW-27D	MW-27D	MW-27S	MW-27S
Date Sampled			08/12/82	06/15/82	08/12/82	04/28/82	08/11/82	06/16/82	08/11/82	04/28/82	08/12/82	04/28/82	08/12/82
Sampled By			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed													
Lab			CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	50	ND	ND	ND	ND	ND	ND	ND	ND	15
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

ES = Engineering Science, Inc.

CAL = California Analytical Labs

ND = Nothing detected

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-28D	MW-28D	MW-28S	MW-29D	MW-29D	MW-29S	MW-29S	MW-30S	MW-30S	MW-31S	MW-31S
Date Sampled			06/16/82	08/17/82	06/16/82	04/28/82	08/16/82	04/28/82	08/16/82	06/16/82	08/17/82	06/16/82	08/17/82
Sampled By			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed													
Lab			CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	2600	ND	2600	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	10	ND	10	ND	10	ND	10
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

ES = Engineering Science, Inc.
CAL = California Analytical Labs

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-36S	MW-37	MW-38D	MW-38D	MW-38D	MW-39S	MW-40S	MW-41S	MW-42S	MW-43S
Date Sampled			09/29/82	09/29/82	09/28/82	09/27/82	08/09/83	10/27/83	09/14/82	09/29/82	09/14/82	09/27/82	09/14/82
Sampled By			ES	ES	ES	ES	RADIAN	RADIAN	ES	ES	ES	ES	ES
Date Analyzed							08/22/83	12/08/83					
Lab			CAL	CAL	CAL	CAL	RAS	RAS	CAL	CAL	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	ND	ND	ND	ND	ND	420	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	12	18	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	500	570	2000	ND	ND	5	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	75	130	440	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	30	ND	ND	80	120	450	ND	ND	10	ND	ND
Chloroform	100	100	5	ND	ND	ND	ND	17	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	100	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	55	120	170	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	2000	5	ND	30	52	140	ND	5	20	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	5	27	130	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	2.8	3.2	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	60	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-45S	MW-46S	MW-47S	MW-49	OW-39	OW-43	OW-45	OW-46	OW-136	OW-136
Date Sampled			09/13/82	09/14/82	09/29/82	09/29/82	09/29/82	06/28/83	06/28/83	06/28/83	06/28/83		06/30/83
Sampled By			ES	ES	ES	ES	ES	CR&QCB	CR&QCB	CR&QCB	CR&QCB	RADIAN	CR&QCB
Date Analyzed								07/05/83	07/06/83	07/06/83	07/06/83	01/28/86	07/07/85
Lab			CAL	CAL	CAL	CAL	CAL	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis												LDB	
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-136	OW-148	OW-155	OW-162	OW-217	OW-352	OW-354	OW-355	OW-356	OW-361	OW-363
Date Sampled			01/21/86	01/21/86	04/14/86	06/28/83	04/28/83	06/27/83	06/27/83	06/27/83	06/27/83	06/28/83	06/28/83
Sampled By			RADIAN	RADIAN	RADIAN		CRWQCB	CRWQCB	CRWQCB	CRWQCB	CRWQCB		
Date Analyzed			01/28/86	01/28/86	04/24/86	07/06/83	05/04/83	07/05/83	07/05/83	07/05/83	07/05/83	07/06/83	07/06/83
Lab			RAS	RAS	SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis			LDA										
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento

RAS = Radian Analytical Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-537	OW-541	OW-542	OW-634	OW-666	OW-899	OW-903	OW-908	OW-909	OW-910	OW-912
Date Sampled			06/28/83	06/20/83	06/20/83	06/30/83	06/30/83	04/16/86	06/20/83	04/28/83	06/30/83	06/30/83	06/30/83
Sampled By				SCHD	CRWQCB	CRWQCB	CRWQCB	RADIAN	CRWQCB	CRWQCB	CRWQCB	CRWQCB	CRWQCB
Date Analyzed			07/06/83	07/05/83	07/05/83	07/07/83	07/07/83	04/24/86	07/05/83	05/04/83	07/07/83	07/07/83	07/07/83
Lab			RAS	RAS	RAS		RAS	SAC	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis													
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	[illegible]	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	[illegible]	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 624 ANALYTES (JANUARY 1982-JUNE 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-914	OW-916	OW-918	OW-918	OW-920	OW-938
Date Sampled			06/30/83	06/30/83	06/30/83	03/26/84	06/30/83	06/20/83
Sampled By			CR&QCB	CR&QCB	CR&QCB	CR&QCB	CR&QCB	CR&QCB
Date Analyzed			07/07/83	07/07/83	07/07/83	04/01/84	07/07/83	07/05/83
Lab			RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis								
Lab Analysis								
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	1.3	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND
Acrolein	NE	NE	ND	ND	ND	ND	ND	ND
Acrylonitrile	NE	NE	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND
Bis(chloromethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND
Methyl chloride	NE	NE	ND	ND	ND	ND	ND	ND
Methyl bromide	NE	NE	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NE	NE	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

OW = Off base residential well

RAS = Radian Analytical Services

ND = Nothing detected

NE = Not established

RADIAN
CORPORATION

RESULTS FOR METHOD 8240

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-83	EW-83	EW-83
Date Sampled			10/24/87	01/06/88	04/06/88	07/01/88	07/01/88	07/01/88	10/28/88	10/28/88	10/24/87	01/06/88	04/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/01/87	01/19/88	04/12/88	07/15/88	07/15/88	07/15/88	11/08/88	11/08/88	11/01/87	01/19/88	04/12/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDA	FDB	FDA	FDB			
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	1100	1400	1000	950	980	1000	1700	1500	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
1,1-Dichloroethene	6	7	15000	10000	8200	7300	7500	7700	9200	8400	550	480	610
1,1-Dichloroethane	20	NE	1700	1200	790	690	710	720	690	650	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	2700	2100	1400	1100	1100	1100	1200	1100	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	1400	1500	950	880	870	930	930	880	41	48	37
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	1400	1400	1400	1200	1200	1200	1800	1600	73	71	81
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	790	640	350	ND	ND	280	ND	ND	ND	ND	ND
Acetone	NE	NE	13000B	22000	12000	15000	15000	16000	5800	5800	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	4700	15000	3800	3400	3400	3500	2600	2700	ND	ND	ND

ALL UNITS ARE ug/l

EW = Extraction Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
Analytical data for EW-63 and EW-69 appear under MW-63 and MW-69

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-73	EW-83	EW-83	EW-83
Date Sampled			10/24/87	01/06/88	04/06/88	07/01/88	07/01/88	07/01/88	10/28/88	10/28/88	10/24/87	01/06/88	04/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/01/87	01/19/88	04/12/88	07/15/88	07/15/88	07/15/88	11/08/88	11/08/88	11/01/87	01/19/88	04/12/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDA	FDB	FDA	FDB			
Lab Analysis						LDA	LDB						
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	6100B	3300	3100	3300	3500	2800	2800	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	NR	NR	NR	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
EW = Extraction Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-83	EW-84	EW-84	EW-84	EW-84	EW-84	EW-85	EW-85	EW-85	EW-85	EW-85
Date Sampled			07/01/88	10/24/87	01/06/88	01/06/88	04/06/88	07/01/88	10/24/87	01/06/88	04/06/88	04/06/88	07/01/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/15/88	11/01/87	01/19/88	01/19/88	04/12/88	07/15/88	11/01/87	01/20/88	04/13/88	04/13/88	07/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis					LDA	LDB					LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	370	500	460	330	380	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	680	1600	1200	1200	1100	1100	2200	1700	1600	1600	2000
1,1-Dichloroethane	20	NE	ND	220	150	160	140	180	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	310	250	250	220	250	ND	32	28	30	27
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	110	95	96	83	110	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	42	190	180	180	140	140	450	400	350	350	320
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	_0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	75	1500	1100	1100	1300	1200	2400	1700	1600	1500	1800
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	268	ND	NC	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

EW = Extraction Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-83	EW-84	EW-84	EW-84	EW-84	EW-84	EW-85	EW-85	EW-85	EW-85	EW-85
Date Sampled			07/01/88	10/24/87	01/06/88	01/06/88	04/06/88	07/01/88	10/24/87	01/06/88	04/06/88	04/06/88	07/01/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/15/88	11/01/87	01/19/88	01/19/88	04/12/88	07/15/88	11/01/87	01/20/88	04/13/88	04/13/88	07/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis					LDA	LDB					LDA	LDB	
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NR	ND	ND	ND	ND	NR	ND	ND	ND	ND	NR

ALL UNITS ARE ug/l
EW = Extraction Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER										
			EW-86	EW-86	EW-86	EW-86	EW-87	EW-87	EW-87	EW-87	MW-10	MW-11	MW-11
Date Sampled			10/24/87	01/06/88	04/06/88	07/01/88	10/24/87	01/06/88	04/07/88	07/01/88	10/26/87	10/27/87	10/27/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/01/87	01/20/88	04/11/88	07/15/88	11/01/87	01/20/88	04/13/88	07/15/88	11/02/87	11/09/87	11/09/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	810	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	1500	1700
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	69	130	120	130	40	48	110	120	1100	40000	46000
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	330	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	2.7	2.2	780	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	330	ND	ND
1,1,1-Trichloroethane	200	200	32	86	80	74	ND	ND	5.7	4.8	ND	6900	10000
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	24	66	73	80	8.5	16	37	48	910	5600	8000
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
EW = Extraction Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-86	EW-86	EW-86	EW-86	EW-87	EW-87	EW-87	EW-87	MW-10	MW-11	MW-11
Date Sampled			10/24/87	01/06/88	04/06/88	07/01/88	10/24/87	01/06/88	04/07/88	07/01/88	10/26/87	10/27/87	10/27/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/01/87	01/20/88	04/11/88	07/15/88	11/01/87	01/20/88	04/13/88	07/15/88	11/02/87	11/09/87	11/09/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	NR	ND	ND	ND	NR	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
EW = Extraction Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-12	MW-14	MW-15	MW-17D	MW-17D	MW-17D	MW-18D	MW-19D	MW-20D	MW-21S	MW-21S
Date Sampled			10/23/87	10/26/87	10/26/87	01/27/88	07/21/88	07/21/88	04/27/88	10/26/87	01/29/87	01/25/88	07/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/05/87	11/05/87	11/05/87	02/04/88	08/02/88	08/02/88	05/04/88	11/02/87	02/02/87	02/02/88	08/03/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA
1,1-Dichloroethene	6	7	11000	260	1500	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	9.8	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	3200	350	180	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	4700	350	1000	ND	ND	ND	ND	ND	3.2	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-12	MW-14	MW-15	MW-17D	MW-17D	MW-17D	MW-18D	MW-19D	MW-20D	MW-21S	MW-21S
Date Sampled			10/23/87	10/26/87	10/26/87	01/27/88	07/21/88	07/21/88	04/27/88	10/26/87	01/29/87	01/25/88	07/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/05/87	11/05/87	11/05/87	02/04/88	08/02/88	08/02/88	05/04/88	11/02/87	02/02/87	02/02/88	08/03/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-22D	MW-22D	MW-23D	MW-23D	MW-27D	MW-27D	MW-27D	MW-28D	MW-28D	MW-29D	MW-31S
Date Sampled			01/23/87	01/23/87	04/21/88	04/21/88	01/26/88	07/20/88	07/20/88	01/27/88	07/21/88	08/12/87	04/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/27/87	01/27/87	05/01/88		02/03/88	07/29/88	07/29/88	02/04/88	08/02/88	08/22/87	04/25/88
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB				LDA	LDB				
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	23	28	29	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	11	12	13	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	7.1	8.7	8.8	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	55	77	76	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	32B	ND
Carbon disulfide	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First Laboratory duplicate analysis
LDB = Second Laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-22D	MW-22D	MW-23D	MW-23D	MW-27D	MW-27D	MW-27D	MW-28D	MW-28D	MW-29D	MW-31S
Date Sampled			01/23/87	01/23/87	04/21/88	04/21/88	01/26/88	07/20/88	07/20/88	01/27/88	07/21/88	08/12/87	04/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/27/87	01/27/87	05/01/88		02/03/88	07/29/88	07/29/88	02/04/88	08/02/88	08/22/87	04/25/88
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB				LDA	LDB				
2-Hexanone	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	NR	ND	ND	ND	ND	ND	ND	NR	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-36S	MW-41S	MW-41S	MW-41S
Date Sampled			01/29/87	01/29/87	04/16/87	07/31/87	07/31/87	01/08/88	07/21/88	04/16/87	01/26/88	01/26/88	07/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/02/87	02/02/87	04/23/87	08/04/87	08/04/87	01/19/88	08/01/88	04/23/87	02/04/88	02/04/88	07/19/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis						LDA	LDB				LDA	LDB	
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	530	480	340	370	370	490	660	ND	18	20	13
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	1.8	2.1	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	22000	22000	21000	22000	22000	23000	35000	ND	190	220	700
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	4.7	5.5	27
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-36S	MW-41S	MW-41S	MW-41S
Date Sampled			01/29/87	01/29/87	04/16/87	07/31/87	07/31/87	01/08/88	07/21/88	04/16/87	01/26/88	01/26/88	07/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/02/87	02/02/87	04/23/87	08/04/87	08/04/87	01/19/88	08/01/88	04/23/87	02/04/88	02/04/88	07/19/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis						LDA	LDB				LDA	LDB	
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	NR	NR	ND	ND	ND	ND	ND	NR

ALL UNITS ARE ug/l
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FDA = First field duplicate analysis
FDB = Second field duplicate analysis
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ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-51	MW-51	MW-52	MW-53	MW-53	MW-53	MW-54	MW-54	MW-54	MW-54
Date Sampled			01/12/87	10/15/87	07/07/88	10/16/87	10/21/87	04/07/88	07/05/88	04/27/87	10/19/87	10/19/87	04/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/87	10/21/87	07/16/88	10/27/87	10/30/87	04/12/88	07/16/88	05/04/87	10/26/87	10/26/87	04/11/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	77	20	16	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	15	ND	13	28	17	14	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	66	8.5	7.4	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	5.9	3.1	2.5	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	5.3	ND	2.5	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	2.1B	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-51	MW-51	MW-52	MW-53	MW-53	MW-53	MW-54	MW-54	MW-54	MW-54
Date Sampled			01/12/87	10/15/87	07/07/88	10/16/87	10/21/87	04/07/88	07/05/88	04/27/87	10/19/87	10/19/87	04/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/20/87	10/21/87	07/16/88	10/27/87	10/30/87	04/12/88	07/16/88	05/04/87	10/26/87	10/26/87	04/11/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	NR	ND	ND	ND	NR	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-55	MW-55	MW-55	MW-56	MW-55	MW-57	MW-57	MW-58	MW-58	MW-59
Date Sampled			04/20/87	10/14/87	10/14/87	07/11/88	07/11/88	07/11/88	04/28/87	10/12/87	10/13/87	07/07/88	04/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/24/87	10/20/87	11/09/87	07/23/88	07/16/88	07/16/88	05/04/87	10/20/87	10/20/87	07/16/88	04/24/87
Lab			SAC	SAC	CES	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	43	24	22.0	ND	43	43	ND	ND	ND	ND	22
1,1-Dichloroethane	20	NE	6.9	4.0	ND	ND	3.9	3.8	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	7.1	4.8	ND	ND	22	22	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	44	29	17.0	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	18	9.5	7.9	ND	15	15	ND	ND	ND	ND	20
Dibromochloromethane	100	100	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	13	13.0	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-57	MW-57	MW-58	MW-58	MW-59
Date Sampled			04/20/87	10/14/87	10/14/87	07/11/88	07/11/88	07/11/88	04/28/87	10/12/87	10/13/87	07/07/88	04/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/24/87	10/20/87	11/09/87	07/23/88	07/16/88	07/16/88	05/04/87	10/20/87	10/20/87	07/16/88	04/24/87
Lab			SAC	SAC	CES	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis													
4-Methyl-2-pentanone	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	NA	NR	NR	ND	ND	ND	NR	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-59	MW-60	MW-61	MW-61	MW-61	MW-62	MW-63	MW-70	MW-70	MW-70	MW-70
Date Sampled			10/09/87	01/13/87	01/29/87	01/19/88	07/20/88	04/26/88	07/15/88	01/29/87	10/16/87	04/21/88	04/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/16/87	01/20/87	02/02/87	01/21/88	07/28/88	05/03/88	07/28/88	02/02/87	10/27/87	05/01/88	05/01/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis												FDA	FDB
Lab Analysis													LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	3.0(9.24)	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND
1,1-Dichloroethene	6	7	9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	35	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	7.4	ND	13	5.4	6.6	ND	72	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	12B(27.1)	ND	ND	ND	31	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-59	MW-60	MW-61	MW-61	MW-61	MW-62	MW-63	MW-70	MW-70	MW-70	MW-70
Date Sampled			10/09/87	01/13/87	01/29/87	01/19/88	07/20/88	04/26/88	07/15/88	01/29/87	10/16/87	04/21/88	04/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/16/87	01/20/87	02/02/87	01/21/88	07/28/88	05/03/88	07/28/88	02/02/87	10/27/87	05/01/88	05/01/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis												FDA	FDB
Lab Analysis													LDA
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	ND	ND	NR	ND	ND	ND	NR	NR

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-70	MW-71	MW-72	MW-72	MW-72	MW-72	MW-74	MW-74	MW-74	MW-74	MW-75
Date Sampled			04/21/88	04/22/88	10/20/87	01/08/88	04/11/88	07/21/88	04/27/88	04/27/88	04/27/88	04/27/88	04/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/02/88	05/02/88	10/27/87	01/19/88	04/21/88	08/01/88		05/03/88	05/03/88	05/04/88	05/03/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis			FDB							FDA	FDB	FDB	
Lab Analysis			LDB								LDA	LDB	LDA
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	460	670	770	660	9.3	13	14	13	ND
1,1-Dichloroethane	20	NE	ND	ND	43	61	54	64	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	58	88	57	83	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	79	120	140	140	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	11	42	ND	32	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	530	790	1900	1100	8.5	9.6	11	9.6	21
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	5.4	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	11	12	11	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	NA	28B(65.07)	31B(65.07)	44B(65.07)	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	NA	25	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-70	MW-71	MW-72	MW-72	MW-72	MW-72	MW-74	MW-74	MW-74	MW-74	MW-75
Date Sampled			04/21/88	04/22/88	10/20/87	01/08/88	04/11/88	07/21/88	04/27/88	04/27/88	04/27/88	04/27/88	04/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/02/88	05/02/88	10/27/87	01/19/88	04/21/88	08/01/88		05/03/88	05/03/88	05/04/88	05/03/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis			FDB							FDA	FDB	FDB	
Lab Analysis			LDB								LDA	LDB	LDA
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Total Xylenes	NE	NE	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-75	MW-76	MW-76	MW-88	MW-88	MW-88	MW-88	MW-88	MW-89	MW-89	MW-89
Date Sampled			04/21/88	04/28/88	04/28/88	01/06/87	01/06/87	10/24/87	04/11/88	04/11/88	01/06/87	10/21/87	04/15/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/03/88	05/04/88		01/13/87	01/13/87	11/01/87	04/17/88	04/21/88	01/13/87	10/30/87	04/26/88
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB			LDA	LDB			LDB			
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	110	64	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	20	10	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	29	19	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	20	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-75	MW-76	MW-76	MW-88	MW-88	MW-88	MW-88	MW-88	MW-89	MW-89	MW-89
Date Sampled			04/21/88	04/28/88	04/28/88	01/06/87	01/06/87	10/24/87	04/11/88	04/11/88	01/06/87	10/21/87	04/15/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/03/88	05/04/88		01/13/87	01/13/87	11/01/87	04/17/88	04/21/88	01/13/87	10/30/87	04/26/88
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB			LDA	LDB			LDB			
4-Methyl-2-pentanone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Caronic Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-90	MW-90	MW-90	MW-90	MW-91	MW-91	MW-91	MW-91	MW-91	MW-92	MW-92
Date Sampled			01/20/87	10/12/87	04/11/88	04/11/88	01/20/87	01/20/87	10/12/87	10/12/87	04/18/88	10/26/87	10/26/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/23/87	10/20/87	04/17/88	04/20/88	01/23/87	01/23/87	10/16/87	10/16/87	04/30/88	11/02/87	11/02/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDA	FDB	FDA	FDB		FDA	FDB
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	13	10	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	8.6	8.3	8.2	8.4	7.6	3.3	3.3
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-90	MW-90	MW-90	MW-90	MW-91	MW-91	MW-91	MW-91	MW-91	MW-92	MW-92
Date Sampled			01/20/87	10/12/87	04/11/88	04/11/88	01/20/87	01/20/87	10/12/87	10/12/87	04/18/88	10/26/87	10/26/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/23/87	10/20/87	04/17/88	04/20/88	01/23/87	01/23/87	10/16/87	10/16/87	04/30/88	11/02/87	11/02/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDA	FDB	FDA	FDB		FDA	FDB
Lab Analysis													
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-92	MW-100	MW-101	MW-102	MW-103	MW-111	MW-111	MW-114	MW-114	MW-116	MW-116
Date Sampled			04/12/88	04/14/88	08/05/87	08/07/87	08/04/87	01/15/88	07/12/88	01/07/88	07/12/88	01/13/88	01/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/21/88	04/25/88	08/14/87	08/19/87	08/14/87	01/21/88	07/18/88	01/19/88	07/18/88	01/21/88	01/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	5.2B	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	8.4	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-92	MW-100	MW-101	MW-102	MW-103	MW-111	MW-111	MW-114	MW-114	MW-116	MW-116
Date Sampled			04/12/88	04/14/88	08/05/87	08/07/87	08/04/87	01/15/88	07/12/88	01/07/88	07/12/88	01/13/88	01/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/21/88	04/25/88	08/14/87	08/19/87	08/14/87	01/21/88	07/18/88	01/19/88	07/18/88	01/21/88	01/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis												LDA	LDB
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	NR	NR	NR	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-116	MW-120	MW-120	MW-120	MW-120	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128
Date Sampled			07/06/88	01/23/88	07/11/88	07/11/88	07/11/88	01/16/87	04/16/87	01/13/88	07/12/88	07/12/88	07/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/16/88	02/02/88	07/23/88	07/16/88	07/16/88	01/23/87	04/23/87	01/21/88	07/23/88	07/18/88	07/18/88
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis						FDA	FDB					FDA	FDA
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
1,1-Dichloroethane	6	7	ND	ND	ND	ND	ND	ND	ND	ND	2400	ND	ND
1,1-Dichloroethene	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	9.3	ND	8.5	8.1	230	ND	420	1500	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethene	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	10.0	7.6	8.7	8.3	21000	25000	30000	980	28000	30000
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND
Carbon disulfide	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND
2-Butanone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-116	MW-120	MW-120	MW-120	MW-120	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128
Date Sampled			07/06/88	01/23/88	07/11/88	07/11/88	07/11/88	01/16/87	04/16/87	01/13/88	07/12/88	07/12/88	07/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/16/88	02/02/88	07/23/88	07/16/88	07/16/88	01/23/87	04/23/87	01/21/88	07/23/88	07/18/88	07/18/88
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis						FDA	FDB					FDA	FDA
Lab Analysis												LDA	LDB
Vinyl acetate	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND
2-Hexanone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND
Styrene	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND
Total Xylenes	NE	NE	NR	ND	NA	NR	NR	ND	ND	ND	NA	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-129	MW-129	MW-129	MW-130	MW-132	MW-132	MW-132	MW-132	MW-132	MW-136
Date Sampled			07/12/88	01/16/87	01/13/88	07/12/88	01/16/87	01/21/87	05/15/87	07/29/87	01/22/88	07/18/88	07/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/18/88	01/23/87	01/21/88	07/18/88	01/23/87	01/23/87	05/19/87	07/31/87	02/02/88	07/28/88	07/19/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis													
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	5.9	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	17	17	23	25	29	7.4
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	32000	7.5	23	200	ND	48	49	56	66	76	430
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	ND	488	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

B = Compound detected in laboratory blank - not edited

NE = Not established

Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW-140 and EW-141

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-129	MW-129	MW-129	MW-130	MW-132	MW-132	MW-132	MW-132	MW-132	MW-136
Date Sampled			07/12/88	01/16/87	01/13/88	07/12/88	01/16/87	01/21/87	05/15/87	07/29/87	01/22/88	07/18/88	07/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/18/88	01/23/87	01/21/88	07/18/88	01/23/87	01/23/87	05/19/87	07/31/87	02/02/88	07/28/88	07/19/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis													
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	NR

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-143	MW-1004	MW-1004	MW-1005	MW-1005	MW-1009	MW-1011	MW-1012	MW-1013	MW-1018	MW-1019
Date Sampled			07/21/88	01/20/88	07/22/88	04/16/87	04/16/87	07/26/88	04/22/88	07/27/87	04/20/87	10/08/87	01/25/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/01/88	01/21/88	08/02/88	04/23/87	04/23/87	08/03/88	05/02/88	07/28/87	04/24/87	10/12/87	02/03/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis						LDA	LDB						
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	25	13	85	75	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	8.7	7.9	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	8.6	7.9	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	3.6	3.2	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	2.2	35	32	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	9.1B	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-143	MW-1004	MW-1004	MW-1005	MW-1005	MW-1009	MW-1011	MW-1012	MW-1013	MW-1018	MW-1019
Date Sampled			07/21/88	01/20/88	07/22/88	04/16/87	04/16/87	07/26/88	04/22/88	07/27/87	04/20/87	10/08/87	01/25/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/01/88	01/21/88	08/02/88	04/23/87	04/23/87	08/03/88	05/02/88	07/28/87	04/24/87	10/12/87	02/03/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis						LDA	LDB						
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1019	MW-1019	MW-1022	MW-1022	MW-1028	MW-1028	MW-1028	MW-1029	MW-1033	MW-1036	MW-1036
Date Sampled			01/25/88	07/11/88	10/20/87	10/20/87	10/14/87	10/14/87	10/14/87	01/18/88	04/15/88	01/14/88	01/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/02/88	07/16/88	10/27/87	11/24/87	10/20/87	11/09/87	10/20/87	01/21/88	04/26/88	01/20/88	01/21/88
Lab			SAC	SAC	SAC	CES	SAC	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB									FDA	FDB
Lab Analysis							LDA	LDA	LDB				
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	6.6	9.0	ND	ND	ND	2.1	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1019	MW-1019	MW-1022	MW-1022	MW-1028	MW-1028	MW-1028	MW-1029	MW-1033	MW-1036	MW-1036
Date Sampled			01/25/88	07/11/88	10/20/87	10/20/87	10/14/87	10/14/87	10/14/87	01/18/88	04/15/88	01/14/88	01/14/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/02/88	07/16/88	10/27/87	11/24/87	10/20/87	11/09/87	10/20/87	01/21/88	04/26/88	01/20/88	01/21/88
Lab			SAC	SAC	SAC	CES	SAC	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB									FDA	FDB
Lab Analysis							LDA	LDA	LDB				
Vinyl acetate	NE	NE	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-1036	MW-1037	MW-1038	MW-1039	MW-1039	OW-136	OW-142	OW-334	OW-335	OW-340	OW-340
Date Sampled			07/22/88	08/12/87	08/04/87	08/03/87	01/27/88	10/17/86	10/30/86	07/09/86	07/23/86	07/08/86	07/08/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/02/88	08/22/87	08/14/87	08/04/87	02/04/88	10/28/86	11/07/86	07/16/86	07/25/86	07/16/86	07/16/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis												LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1036	MW-1037	MW-1038	MW-1039	MW-1039	OW-136	OW-142	OW-334	OW-335	OW-340	OW-340
Date Sampled			07/22/88	08/12/87	08/04/87	08/03/87	01/27/88	10/17/86	10/30/86	07/09/86	07/23/86	07/08/86	07/08/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/02/88	08/22/87	08/14/87	08/04/87	02/04/88	10/28/86	11/07/86	07/16/86	07/25/86	07/16/86	07/16/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis												LDA	LDB
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	NR	NR	NR	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NR = Not reported
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-358	OW-544	OW-544	OW-544	OW-810	OW-810	OW-810	OW-829	OW-829	OW-906	OW-906
Date Sampled			10/14/86	10/28/86	10/28/86	10/28/86	10/13/86	10/13/86	10/13/86	10/27/86	10/27/86	10/30/86	10/30/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/22/86	11/06/86	11/13/86	11/13/86	10/22/86	10/22/86	[illegible]/22/86	11/06/86	10/31/86	11/07/86	11/07/86
Lab			SAC	SAC	ELI	ELI	SAC	SAC	SAC	SAC	ELI	SAC	SAC
Field Analysis							FDA	FDB	FDB				
Lab Analysis					LDA	LDB		LDA	LDB			LDA	LDB
Chloromethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND	ND	ND	ND	[illegible]	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-358	OW-544	OW-544	OW-544	OW-810	OW-810	OW-810	OW-829	OW-829	OW-906	OW-906
Date Sampled			10/14/86	10/28/86	10/28/86	10/28/86	10/13/86	10/13/86	10/13/86	10/27/86	10/27/86	10/30/86	10/30/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/22/86	11/06/86	11/13/86	11/13/86	10/22/86	10/22/86	10/22/86	11/06/86	10/31/86	11/07/86	11/07/86
Lab			SAC	SAC	ELI	ELI	SAC	SAC	SAC	SAC	ELI	SAC	SAC
Field Analysis							FDA	FDB	FDB				
Lab Analysis					LDA	LDB		LDA	LDB			LDA	LDB
Vinyl acetate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-910	OW-924	OW-924	OW-1238
Date Sampled			10/29/86	10/28/86	10/28/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/06/86	11/06/86	11/13/86	11/06/86
Lab			SAC	SAC	ELI	SAC
Field Analysis						
Lab Analysis						
Chloromethane	NE	NE	ND	ND	ND	ND
Bromomethane	NE	NE	ND	ND	ND	ND
Vinyl chloride	2	1	ND	ND	ND	ND
Chloroethane	NE	NE	ND	ND	ND	ND
Methylene chloride	40	NE	ND	ND	ND	ND
Trichlorofluoromethane	3400	NE	ND	ND	ND	ND
1,1-Dichloroethene	6	7	ND	ND	ND	ND
1,1-Dichloroethane	20	NE	ND	ND	ND	ND
Total 1,2-Dichloroethene	16	NE	ND	ND	ND	ND
Chloroform	100	100	ND	ND	ND	ND
1,2-Dichloroethane	1	5	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND
Bromodichloromethane	100	100	ND	ND	ND	ND
1,2-Dichloropropane	10	NE	ND	ND	ND	ND
Trans-1,3-dichloropropene	NE	NE	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND
Dibromochloromethane	100	100	ND	ND	ND	ND
1,1,2-Trichloroethane	100	NE	ND	ND	ND	ND
cis-1,3-Dichloropropene	87	NE	ND	ND	ND	ND
2-Chloroethylvinyl ether	NE	NE	ND	ND	ND	ND
Bromoform	100	100	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	NE	ND	ND	ND	ND
Tetrachloroethene	4	NE	ND	ND	ND	ND
Chlorobenzene	30	NE	ND	ND	ND	ND
Benzene	.7	5	ND	ND	ND	ND
Ethylbenzene	680	NE	ND	ND	ND	ND
Toluene	100	NE	ND	ND	ND	ND
Acetone	NE	NE	ND	ND	ND	ND
Carbon disulfide	NE	NE	ND	ND	ND	ND
2-Butanone	NE	NE	ND	ND	ND	ND
Vinyl acetate	NE	NE	ND	ND	ND	ND
2-Hexanone	NE	NE	ND	ND	ND	ND

ALL UNITS ARE ug/l

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 8240 ANALYTES (METHOD 624 PRIOR TO OCTOBER 1988)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-910	CW-924	CW-924	CW-1238
Date Sampled			10/29/86	10/28/86	10/28/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/06/86	11/06/86	11/13/86	11/06/86
Lab			SAC	SAC	ELI	SAC
Field Analysis						
Lab Analysis						
4-Methyl-2-pentanone	NE	NE	ND	ND	ND	ND
Styrene	NE	NE	ND	ND	ND	ND
Total Xylenes	NE	NE	ND	ND	ND	ND

ALL UNITS ARE ug/l

CW = Off base residential well

RADIAN = Radian Corporation, Sacramento
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ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NE = Not established

RADIAN
CORPORATION

RESULTS FOR U.S. EPA METHOD 625

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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER PW-1	BW-2	BW-8	BW-10	BW-10	BW-10	BW-11	BW-12	BW-13	BW-13	BW-13
Date Sampled			01/29/82	01/12/82	01/12/82	12/02/85	03/26/86	03/26/86	01/12/82	01/12/82	01/12/82	12/02/85	03/26/86
Sampled By			ES	ES	ES	RADIAN	RADIAN	RADIAN	ES	ES	ES	RADIAN	RADIAN
Date Analyzed						12/17/85	04/03/86	04/04/86				12/16/85	04/03/86
Lab			CAL	CAL	CAL	SAC	SAC	SAC	CAL	CAL	CAL	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	4	6	ND	ND	ND	ND	15
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

LDA = First Laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-1	BW-2	BW-8	BW-10	BW-10	BW-10	BW-11	BW-12	BW-13	BW-13	BW-13
Date Sampled			01/29/82	01/12/82	01/12/82	12/02/85	03/26/86	03/26/86	01/12/82	01/12/82	01/12/82	12/02/85	03/26/86
Sampled By			ES	ES	ES	RADIAN	RADIAN	RADIAN	ES	ES	ES	RADIAN	RADIAN
Date Analyzed						12/17/85	04/03/86	04/04/86				12/16/85	04/03/86
Lab			CAL	CAL	CAL	SAC	SAC	SAC	CAL	CAL	CAL	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	I	ND	ND	ND
4-Bromophenyl phenyl ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

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LDB = Second laboratory duplicate analysis
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ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	D. Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-17	BW-18	BW-18	BW-18	BW-18	BW-28	BW-29	BW-29	BW-29	BW-29	BW-29
Date Sampled			01/12/82	01/12/82	12/02/85	12/02/85	03/26/86	01/12/82	01/12/82	01/12/82	12/02/85	03/27/86	03/27/86
Sampled By			ES	ES	RADIAN	RADIAN	RADIAN	ES	ES	ES	RADIAN	RADIAN	RADIAN
Date Analyzed					12/16/85	12/16/85	04/03/86				12/17/85	04/08/86	04/08/86
Lab			CAL	CAL	SAC	SAC	SAC	CAL	CAL	CAL	SAC	SAC	SAC
Field Analysis					FDA	FDB						FDA	FDB
Lab Analysis									LDA	LDB			
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	5	ND	ND	ND	ND	ND	6
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

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FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
BW = Base production well

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ND = Nothing detected
LOQ = Limit of quantitation
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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-17	BW-18	BW-18	BW-18	BW-18	BW-28	BW-29	BW-29	BW-29	BW-29	BW-29
Date Sampled			01/12/82	01/12/82	12/02/85	12/02/85	03/26/86	01/12/82	01/12/82	01/12/82	12/02/85	03/27/86	03/27/86
Sampled By			ES	ES	RADIAN	RADIAN	RADIAN	ES	ES	ES	RADIAN	RADIAN	RADIAN
Date Analyzed					12/16/85	12/16/85	04/03/86				12/17/85	04/08/86	04/08/86
Lab			CAL	CAL	SAC	SAC	SAC	CAL	CAL	CAL	SAC	SAC	SAC
Field Analysis					FDA	FDB						FDA	FDB
Lab Analysis									LDA	LDB			
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NF	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-4	MW-4	MW-6	MW-6
Date Sampled			09/04/80	09/04/80	09/04/80	09/05/80	08/27/80	09/04/80	09/23/80	03/31/82	10/02/84	03/30/82	10/01/84
Sampled By										ES	RADIAN	ES	RADIAN
Date Analyzed											10/15/84		10/15/84
Lab			CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	RAS	CAL	RAS
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	126	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	10	ND	13	15	15.0	ND	16.0	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-4	MW-4	MW-6	MW-6
Date Sampled			09/04/80	09/04/80	09/04/80	09/05/80	08/27/80	09/04/80	09/23/80	03/31/82	10/02/84	03/30/82	10/01/84
Sampled By										ES	RADIAN	ES	RADIAN
Date Analyzed											10/15/84		10/15/84
Lab			CAL	CAL	CAL	CAL	CAL	CAL	CAL	CAL	RAS	CAL	RAS
Field Analysis													
Lab Analysis													
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
2-Chlorophenol	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
2-Nitrophenol	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
4-Nitrophenol	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Pentachlorophenol	30	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Phenol	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-7	MW-7	MW-7	MW-8	MW-9	MW-9	MW-9	MW-10	MW-10	MW-11	MW-11
Date Sampled			03/17/82	03/29/82	09/21/84	03/31/82	03/31/82	04/28/82	09/30/84	03/30/82	09/18/84	03/30/82	08/18/82
Sampled By			ES	ES	RADIAN	ES	ES	ES	RADIAN	ES	RADIAN	ES	ES
Date Analyzed					11/01/84				10/15/84		10/07/84		
Lab			CAL	CAL	RAS	CAL	CAL	CAL	RAS	CAL	RAS	CAL	CAL
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	21	82	ND	32
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	10
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	[illegible]	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	12	13	ND	100	21	ND	ND	13	ND	14	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-7	MW-7	MW-7	MW-8	MW-9	MW-9	MW-9	MW-10	MW-10	MW-11	MW-11
Date Sampled			03/17/82	03/29/82	09/21/84	03/31/82	03/31/82	04/28/82	09/30/84	03/30/82	09/18/84	03/30/82	08/18/82
Sampled By			ES	ES	RADIAN	ES	ES	ES	RADIAN	ES	RADIAN	ES	ES
Date Analyzed					11/01/84				10/15/84		10/07/84		
Lab			CAL	CAL	RAS	CAL	CAL	CAL	RAS	CAL	RAS	CAL	CAL
Field Analysis													
Lab Analysis													
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	7	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-11	MW-12	MW-12	MW-12	MW-13	MW-13	MW-14	MW-14	MW-14	MW-15	MW-15
Date Sampled			09/19/84	04/29/82	08/18/82	09/20/84	03/30/82	08/18/82	03/30/82	08/18/82	09/20/84	04/29/82	08/18/82
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	ES	ES	RADIAN	ES	ES
Date Analyzed			10/07/84			10/09/84					10/09/84		
Lab			RAS	CAL	CAL	RAS	CAL	CAL	CAL	CAL	RAS	CAL	CAL
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	6	ND	ND	ND	ND	ND	ND	28	109	ND	8
1,2-Dichlorobenzene	130	NE	28	ND	ND	ND	ND	ND	22	100	267	ND	50
1,4-Dichlorobenzene	NE	750	10	ND	ND	ND	ND	ND	ND	40	151	ND	12
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	12	ND	ND	ND	ND	6	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	64	ND	11	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
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ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-11	MW-12	MW-12	MW-12	MW-13	MW-13	MW-14	MW-14	MW-14	MW-15	MW-15
Date Sampled			09/19/84	04/29/82	08/18/82	09/20/84	03/30/82	08/18/82	03/30/82	08/18/82	09/20/84	04/29/82	08/18/82
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	ES	ES	RADIAN	ES	ES
Date Analyzed			10/07/84			10/09/84					10/09/84		
Lab			RAS	CAL	CAL	RAS	CAL	CAL	CAL	CAL	RAS	CAL	CAL
Field Analysis													
Lab Analysis													
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	19	94	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	400	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-15	MW-16D	MW-16D	MW-16D	MW-16S	MW-16S	MW-16S	MW-17D	MW-17D	MW-17D	MW-17S
Date Sampled			09/18/84	06/16/82	08/17/82	09/24/84	06/16/82	08/17/82	09/26/84	06/16/82	08/17/82	09/26/84	06/16/82
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES
Date Analyzed			10/06/84			10/09/84			10/11/84			10/10/84	
Lab			RAS	CAL	CAL	RAS	CAL	CAL	RAS	CAL	CAL	RAS	CAL
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-15	MW-16D	MW-16D	MW-16D	MW-16S	MW-16S	MW-16S	MW-17D	MW-17D	MW-17D	MW-17S
Date Sampled			09/18/84	06/16/82	08/17/82	09/24/84	06/16/82	08/17/82	09/26/84	06/16/82	08/17/82	09/26/84	06/16/82
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES
Date Analyzed			10/05/84			10/09/84			10/11/84			10/10/84	
Lab			RAS	CAL	CAL	RAS	CAL	CAL	RAS	CAL	CAL	RAS	CAL
Field Analysis													
Lab Analysis													
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-17S	MW-17S	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18S	MW-18S	MW-18S	MW-19D
Date Sampled			08/16/82	09/13/84	06/15/82	08/16/82	09/25/84	09/25/84	03/28/86	06/15/82	08/16/82	09/29/84	04/29/82
Sampled By			ES	RADIAN	ES	ES	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	ES
Date Analyzed				10/04/84			10/10/84	10/10/84	04/08/86			10/12/84	
Lab			CAL	RAS	CAL	CAL	RAS	RAS	SAC	CAL	CAL	RAS	CAL
Field Analysis							FDA	FDB					
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	22	ND	ND	12.0	ND	ND	ND	ND	8	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-17S	MW-17S	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18S	MW-18S	MW-18S	MW-19D
Date Sampled			08/16/82	09/13/84	06/15/82	08/16/82	09/25/84	09/25/84	03/28/86	06/15/82	08/16/82	09/29/84	04/29/82
Sampled By			ES	RADIAN	ES	ES	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	ES
Date Analyzed				10/04/84			10/10/84	10/10/84	04/08/86			10/12/84	
Lab			CAL	RAS	CAL	CAL	RAS	RAS	SAC	CAL	CAL	RAS	CAL
Field Analysis							FDA	FDB					
Lab Analysis													
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19D	MW-19D	MW-19D	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-20D	MW-20D
Date Sampled			08/16/82	08/09/83	09/13/84	04/28/82	08/16/82	08/09/83	08/09/83	09/14/84	03/13/86	04/28/82	08/11/82
Sampled By			ES		RADIAN	ES	ES			RADIAN	RADIAN	ES	ES
Date Analyzed				08/19/83	10/04/84			08/19/83	08/19/83	10/05/84	03/31/86		
Lab			CAL	RAS	RAS	CAL	CAL	RAS	RAS	RAS	SAC	CAL	CAL
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	RD	NA	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	12.0	ND	ND	20	33.0	NA	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19D	MW-19D	MW-19D	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-20D	MW-20D
Date Sampled			08/16/82	08/09/83	09/13/84	04/28/82	08/16/82	08/09/83	08/09/83	09/14/84	03/13/86	04/28/82	08/11/82
Sampled By			ES		RADIAN	ES	ES			RADIAN	RADIAN	ES	ES
Date Analyzed				08/19/83	10/04/84			08/19/83	08/19/83	10/05/84	03/31/86		
Lab			CAL	RAS	RAS	CAL	CAL	RAS	RAS	RAS	SAC	CAL	CAL
Field Analysis													
Lab Analysis													
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	7	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	FILL NUMBER MW-20D	MW-20S	MW-20S	MW-20S	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21S
Date Sampled			09/19/84	05/25/82	08/11/82	09/30/84	06/15/82	08/13/82	09/17/84	09/17/84	03/19/86	03/19/86	06/15/82
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	ES
Date Analyzed			10/07/84			10/12/84			10/05/84	10/05/84	04/02/86	04/02/86	
Lab			RAS	CAL	CAL	RAS	CAL	CAL	RAS	RAS	SAC	SAC	CAL
Field Analysis									FDA	FDB			
Lab Analysis											LDA	LDB	
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	24(53.3)	16(53.3)	230
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	220	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-20D	MW-20S	MW-20S	MW-20S	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21S
Date Sampled			09/19/84	05/25/82	08/11/82	09/30/84	06/15/82	08/13/82	09/17/84	09/17/84	03/19/86	03/19/86	06/15/82
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	ES
Date Analyzed			10/07/84			10/12/84			10/05/84	10/05/84	04/02/86	04/02/86	
Lab			RAS	CAL	CAL	RAS	CAL	CAL	RAS	RAS	SAC	SAC	CAL
Field Analysis									FDA	FDB			
Lab Analysis											LDA	LDB	
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	90	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	12	12	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
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RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21S	MW-21S	MW-21S	MW-22D	MW-22D	MW-22D	MW-22D	MW-22S	MW-22S	MW-22S	MW-23D
Date Sampled			08/13/82	09/17/84	03/19/86	04/28/82	08/13/82	09/20/84	09/20/84	06/04/82	08/13/82	09/21/84	08/13/82
Sampled By			ES	RADIAN	RADIAN	ES	ES	RADIAN	RADIAN	ES	ES	RADIAN	ES
Date Analyzed				10/05/84	04/02/86			10/09/84	10/09/84			10/09/84	
Lab			CAL	RAS	SAC	CAL	CAL	RAS	RAS	CAL	CAL	RAS	CAL
Field Analysis								FDA	FDB				
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	9	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21S	MW-21S	MW-21S	MW-22D	MW-22D	MW-22D	MW-22D	MW-22S	MW-22S	MW-22S	MW-23D
Date Sampled			08/13/82	09/17/84	03/19/86	04/28/82	08/13/82	09/20/84	09/20/84	06/04/82	08/13/82	09/21/84	08/13/82
Sampled By			ES	RADIAN	RADIAN	ES	ES	RADIAN	RADIAN	ES	ES	RADIAN	ES
Date Analyzed				10/05/84	04/02/86			10/09/84	10/09/84			10/09/84	
Lab			CAL	RAS	SAC	CAL	CAL	RAS	RAS	CAL	CAL	RAS	CAL
Field Analysis								FDA	FDB				
Lab Analysis													
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-23D	MW-23D	MW-23D	MW-23D	MW-23S	MW-23S	MW-23S	MW-24D	MW-24D	MW-24D	MW-24D
Date Sampled			08/28/82	09/26/84	03/17/86	03/17/86	04/28/82	08/13/82	09/29/84	04/28/82	08/12/82	09/27/84	03/20/86
Sampled By			ES	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN
Date Analyzed				10/11/84	04/01/86	04/01/86			10/12/84			10/11/84	04/02/86
Lab			CAL	RAS	SAC	SAC	CAL	CAL	RAS	CAL	CAL	RAS	SAC
Field Analysis					FDA	FDB							
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-23D	MW-23D	MW-23D	MW-23D	MW-23S	MW-23S	MW-23S	MW-24D	MW-24D	MW-24D	MW-24D
Date Sampled			08/28/82	09/26/84	03/17/86	03/17/86	04/28/82	08/13/82	09/29/84	04/28/82	08/12/82	09/27/84	03/20/86
Sampled By			ES	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN
Date Analyzed				10/11/84	04/01/86	04/01/86			10/12/84			10/11/84	04/02/86
Lab			CAL	RAS	SAC	SAC	CAL	CAL	RAS	CAL	CAL	RAS	SAC
Field Analysis					FDA	FDB							
Lab Analysis													
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	3	2	ND	ND	ND	ND	ND	ND	4
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-24S	MW-24S	MW-24S	MW-25D	MW-25D	MW-25S	MW-25S	MW-25S	MW-26D	MW-26D	MW-26D
Date Sampled			04/28/82	08/12/82	09/12/84	06/15/82	08/12/82	06/15/82	08/12/82	09/29/84	04/28/82	08/11/82	08/11/82
Sampled By			ES	ES	RADIAN	ES	ES	ES	ES	RADIAN	ES	ES	ES
Date Analyzed					10/04/84					10/12/84			
Lab			CAL	CAL	RAS	CAL	CAL	CAL	CAL	RAS	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphtylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-24S	MW-24S	MW-24S	MW-25D	MW-25D	MW-25S	MW-25S	MW-25S	MW-26D	MW-26D	MW-26D
Date Sampled			04/28/82	08/12/82	09/12/84	06/15/82	08/12/82	06/15/82	08/12/82	09/29/84	04/28/82	08/11/82	08/11/82
Sampled By			ES	ES	RADIAN	ES	ES	ES	ES	RADIAN	ES	ES	ES
Date Analyzed					10/04/84					10/12/84			
Lab			CAL	CAL	RAS	CAL	CAL	CAL	CAL	RAS	CAL	CAL	CAL
Field Analysis													
Lab Analysis													
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	260	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-26D	MW-26S	MW-26S	MW-26S	MW-27D	MW-27D	MW-27D	MW-27D	MW-27S	MW-27S	MW-27S
Date Sampled			09/27/84	06/16/82	08/11/82	09/29/84	04/28/82	08/12/82	10/01/84	10/01/84	04/28/82	08/12/82	09/12/84
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	ES	ES	RADIAN
Date Analyzed			10/11/84			10/12/84			10/12/84	10/12/84			10/04/84
Lab			RAS	CAL	CAL	RAS	CAL	CAL	RAS	RAS	CAL	CAL	RAS
Field Analysis									FDA	FDB			
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-26D	MW-26S	MW-26S	MW-26S	MW-27D	MW-27D	MW-27D	MW-27D	MW-27S	MW-27S	MW-27S
Date Sampled			09/27/84	06/16/82	08/11/82	09/25/84	04/28/82	08/12/82	10/01/84	10/01/84	04/28/82	08/12/82	09/12/84
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	ES	ES	RADIAN
Date Analyzed			10/11/84			10/12/84			10/12/84	10/12/84			10/04/84
Lab			RAS	CAL	CAL	RAS	CAL	CAL	RAS	RAS	CAL	CAL	RAS
Field Analysis									FDA	FDB			
Lab Analysis													
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

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RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-28D	MW-28D	MW-28D	MW-28S	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29S
Date Sampled			06/16/82	08/17/82	09/26/84	06/16/82	04/28/82	08/16/82	10/01/84	10/01/84	04/03/86	04/03/86	04/28/82
Sampled By			ES	ES	RADIAN	ES	ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	ES
Date Analyzed					10/11/84				10/15/84	10/15/84	04/14/86	04/14/86	
Lab			CAL	CAL	RAS	CAL	CAL	CAL	RAS	RAS	SAC	SAC	CAL
Field Analysis									FDA	FDB	FDA	FDB	
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	9	ND	ND	27(53.3)	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-28D	MW-28D	MW-28D	MW-28S	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29S
Date Sampled			06/16/82	08/17/82	09/26/84	06/16/82	04/28/82	08/16/82	10/01/84	10/01/84	04/03/86	04/03/86	04/28/82
Sampled By			ES	ES	RADIAN	ES	ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	ES
Date Analyzed					10/11/84				10/15/84	10/15/84	04/14/86	04/14/86	
Lab			CAL	CAL	RAS	CAL	CAL	CAL	RAS	RAS	SAC	SAC	CAL
Field Analysis									FDA	FDB	FDA	FDB	
Lab Analysis													
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29S	MW-30S	MW-30S	MW-30S	MW-31S	MW-31S	MW-31S	MW-31S	MW-33S	MW-33S	MW-36S
Date Sampled			08/16/82	06/16/82	08/17/82	09/18/84	06/16/82	08/17/82	09/25/84	03/28/86	09/29/82	09/18/84	09/29/82
Sampled By			ES	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	ES	RADIAN	ES
Date Analyzed						10/06/84			10/10/84	04/08/86		10/07/84	
Lab			CAL	CAL	CAL	RAS	CAL	CAL	RAS	SAC	CAL	RAS	CAL
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	7	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	NL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	16	150	ND	ND	ND	ND	ND	ND	68	ND	54
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29S	MW-30S	MW-30S	MW-30S	MW-31S	MW-31S	MW-31S	MW-31S	MW-33S	MW-33S	MW-36S
Date Sampled			08/16/82	06/16/82	08/17/82	09/18/84	06/16/82	08/17/82	09/25/84	03/28/86	09/29/82	09/18/84	09/29/82
Sampled By			ES	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	ES	RADIAN	ES
Date Analyzed						10/06/84			10/10/84	04/08/86		10/07/84	
Lab			CAL	CAL	CAL	RAS	CAL	CAL	RAS	SAC	CAL	RAS	CAL
Field Analysis													
Lab Analysis													
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-36S	MW-36S	MW-37	MW-38D	MW-38D	MW-38D	MW-39S	MW-40S	MW-40S	MW-40S	MW-41S
Date Sampled			09/17/84	03/31/86	09/28/82	09/27/82	08/09/83	09/14/84	09/14/82	09/14/82	09/29/82	09/30/84	09/24/84
Sampled By			RADIAN	RADIAN	ES	ES		RADIAN	ES	ES	ES	RADIAN	RADIAN
Date Analyzed			10/05/84	04/09/86			08/19/83	10/05/84				10/12/84	10/10/84
Lab			RAS	SAC	CAL	CAL	RAS	RAS	CAL	CAL	CAL	RAS	RAS
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	4	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	42	2.2	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
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CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-36S	MW-36S	MW-37	MW-38D	MW-38D	MW-38D	MW-39S	MW-40S	MW-40S	MW-40S	MW-41S
Date Sampled			09/17/84	03/31/86	09/28/82	09/27/82	08/09/83	09/14/84	09/14/82	09/14/82	09/29/82	09/30/84	09/24/84
Sampled By			RADIAN	RADIAN	ES	ES		RADIAN	ES	ES	ES	RADIAN	RADIAN
Date Analyzed			10/05/84	04/09/86			08/19/83	10/05/84				10/12/84	10/10/84
Lab			RAS	SAC	CAL	CAL	RAS	RAS	CAL	CAL	CAL	RAS	RAS
Field Analysis													
Lab Analysis													
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-42S	MW-42S	MW-43S	MW-43S	MW-44S	MW-44S	MW-44S	MW-45S	MW-45S	MW-46S
Date Sampled			03/13/86	09/27/82	09/28/84	09/14/82	09/13/84	09/13/82	09/21/84	03/21/86	09/14/82	09/19/84	09/29/82
Sampled By			RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN	ES	RADIAN	ES
Date Analyzed			03/31/86		10/11/84		10/04/84		10/09/84	04/02/86		10/07/84	
Lab			SAC	CAL	RAS	CAL	RAS	CAL	RAS	SAC	CAL	RAS	CAL
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	8	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphtylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-42S	MW-42S	MW-43S	MW-43S	MW-44S	MW-44S	MW-44S	MW-45S	MW-45S	MW-46S
Date Sampled			03/13/86	09/27/82	09/28/84	09/14/82	09/13/84	09/13/82	09/21/84	03/21/86	09/14/82	09/19/84	09/29/82
Sampled By			RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN	ES	RADIAN	ES
Date Analyzed			03/31/86		10/11/84		10/04/84		10/09/84	04/02/86		10/07/84	
Lab			SAC	CAL	RAS	CAL	RAS	CAL	RAS	SAC	CAL	RAS	CAL
Field Analysis													
Lab Analysis													
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	3	ND	ND	ND	ND	ND	ND	3	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-46S	MW-46S	MW-47S	MW-49	MW-59	MW-59	MW-61	MW-61	MW-63	MW-63	MW-67
Date Sampled			09/29/82	09/29/84	10/01/84	09/29/82	04/02/86	04/02/86	03/19/86	03/19/86	04/02/86	04/02/86	03/20/86
Sampled By			ES	RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				10/12/84	10/12/84		04/09/86	04/10/86	04/02/86	04/01/86	04/10/86	04/10/86	04/02/86
Lab			CAL	RAS	RAS	CAL	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis							LDA	LDB					
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	20(53.3)	ND	23(53.3)	NA	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-46S	MW-46S	MW-47S	MW-49	MW-59	MW-59	MW-61	MW-61	MW-63	MW-63	MW-67
Date Sampled			09/29/82	09/29/84	10/01/84	09/29/82	04/02/86	04/02/86	03/19/86	03/19/86	04/02/86	04/02/86	03/20/86
Sampled By			ES	RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				10/12/84	10/12/84		04/09/86	04/10/86	04/02/86	04/01/86	04/10/86	04/10/86	04/02/86
Lab			CAL	RAS	RAS	CAL	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis							LDA	LDB					
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	2	2	NA	ND	3	ND	3
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-100	MW-100	MW-100	MW-101	MW-101	MW-101	MW-102	MW-102	MW-102	MW-102	MW-103
Date Sampled			12/21/85	12/21/85	02/27/86	11/18/85	11/18/85	03/05/86	11/05/85	03/11/86	03/11/86	03/11/86	12/20/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/07/86	01/07/86	03/11/86	11/25/85	11/25/85	03/24/86	11/13/85	04/01/86	03/28/86	03/28/86	01/07/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									FDA
Lab Analysis						LDA	LDB			LDA	LDA	LDB	LDA
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-100	MW-100	MW-100	MW-101	MW-101	MW-101	MW-102	MW-102	MW-102	MW-102	MW-103
Date Sampled			12/21/85	12/21/85	02/27/86	11/18/85	11/18/85	03/05/86	11/05/85	03/11/86	03/11/86	03/11/86	12/20/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/07/86	01/07/86	03/11/86	11/25/85	11/25/85	03/24/86	11/13/85	04/01/86	03/28/86	03/28/86	01/07/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									FDA
Lab Analysis						LDA	LDB			LDA	LDA	LDB	LDA
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Phenol	NE	NE	2	ND	ND	ND	ND	ND	2	NA	2	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	4	ND	ND	ND	ND	ND	NA	10	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-103	MW-103	MW-103	MW-103	MW-104	MW-104	MW-105	MW-105	MW-106	MW-106	MW-107
Date Sampled			12/20/85	12/20/85	03/11/86	03/11/86	12/15/85	03/26/86	12/21/85	03/27/86	11/21/85	03/13/86	11/07/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/07/86	01/07/86	03/31/86	03/28/86	12/20/85	04/02/86	01/07/86	04/08/86	11/30/85	03/31/86	11/14/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis			LDB										
1,3-Dichlorobenzene	130	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	4	ND	ND	NA	ND	ND	ND	18(53.3)	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	4	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-103	MW-103	MW-103	MW-103	MW-104	MW-104	MW-105	MW-105	MW-106	MW-106	MW-107
Date Sampled			12/20/85	12/20/85	03/11/86	03/11/86	12/15/85	03/26/86	12/21/85	03/27/86	11/21/85	03/13/86	11/07/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/07/86	01/07/86	03/31/86	03/28/86	12/20/85	04/02/86	01/07/86	4/08/86	11/30/85	03/31/86	11/14/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis			LDB										
Hexachlorobutadiene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	2	NA	3.9	ND	8	ND	6	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	10.3	NA	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
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SAC = Radian Analytical Services, Sacramento

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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-107	MW-108	MW-108	MW-110	MW-110	MW-111	MW-111	MW-111	MW-112	MW-112	MW-114
Date Sampled			04/01/86	12/27/85	04/01/86	11/06/85	03/31/86	11/06/85	04/03/86	04/03/86	12/20/85	04/02/86	11/11/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/09/86	01/08/86	04/09/86	11/13/85	04/09/86	11/13/85	04/14/86	04/14/86	01/07/86	04/10/86	11/19/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-107	MW-108	MW-108	MW-110	MW-110	MW-111	MW-111	MW-111	MW-112	MW-112	MW-114
Date Sampled			04/01/86	12/27/85	04/01/86	11/06/85	03/31/86	11/06/85	04/03/86	04/03/86	12/20/85	04/02/86	11/11/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/09/86	01/08/86	04/09/86	11/13/85	04/09/86	11/13/85	04/14/86	04/14/86	01/07/86	04/10/86	11/19/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	2	ND	ND	5	3	8	3	ND	3	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-114	MW-115	MW-115	MW-116	MW-116	MW-116	MW-116	MW-117	MW-118	MW-119	MW-120
Date Sampled			02/28/86	12/19/85	03/06/86	11/11/85	11/11/85	02/28/86	02/28/86	03/04/86	03/25/86	03/05/86	03/04/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/13/86	12/30/85	03/25/86	11/19/85	11/19/85	03/14/86	03/13/86	03/24/86	04/02/86	03/24/86	03/24/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB						
Lab Analysis								LDA	LDB				
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	410(53.3)	ND	ND	ND	ND	ND	ND	ND	24(53.3)
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	18(34.7)	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
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LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-114	MW-115	MW-115	MW-116	MW-116	MW-116	MW-116	MW-117	MW-118	MW-119	MW-120
Date Sampled			02/28/86	12/19/85	03/06/86	11/11/85	11/11/85	02/28/86	02/28/86	03/04/86	03/25/86	03/05/86	03/04/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RDIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/13/86	12/30/85	03/25/86	11/19/85	11/19/85	03/14/86	03/13/86	03/24/86	04/02/86	03/24/86	03/24/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB						
Lab Analysis								LDA	LDB				
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	2	ND	2	ND	2	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-121	MW-122	MW-123	MW-124	MW-125	MW-126	MW-127	MW-1000	MW-1000	MW-1001	MW-1001
Date Sampled			02/26/86	02/26/86	03/25/86	02/25/86	02/25/86	03/03/86	03/04/86	12/12/85	03/07/86	12/18/85	12/18/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/11/86	03/11/86	04/02/86	03/11/86	03/11/86	03/11/86	03/24/86	12/20/85	03/27/86	12/27/85	12/30/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Bis(2-ethylhexyl)phthalate	NE	NE	ND	21(53.3)	ND	ND	20(53.3)	ND	35(53.3)	ND	ND	ND	NA
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Di-n-octyl phthalate	NE	NE	ND	ND	ND	6	ND	ND	3	ND	ND	ND	NA
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW-140 and EW-141

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-121	MW-122	MW-123	MW-124	MW-125	MW-126	MW-127	MW-1000	MW-1000	MW-1001	MW-1001
Date Sampled			02/26/86	02/26/86	03/25/86	02/25/86	02/25/86	03/03/86	03/04/86	12/12/85	03/07/86	12/18/85	12/18/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/11/86	03/11/86	04/02/86	03/11/86	03/11/86	03/11/86	03/24/86	12/20/85	03/27/86	12/27/85	12/30/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS
Field Analysis													
Lab Analysis													
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Phenol	NE	NE	3	ND	ND	2	ND	ND	ND	ND	ND	NA	ND
N-nitrosodiphenylamine	NE	NE	6	ND	ND	2	4	7	ND	ND	ND	ND	NA
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1001	MW-1002	MW-1002	MW-1002	MW-1003	MW-1003	MW-1004	MW-1004	MW-1005	MW-1005	MW-1005
Date Sampled			04/04/86	11/07/85	04/02/86	04/02/86	12/18/85	03/18/86	12/18/85	03/18/86	12/17/85	12/17/85	03/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/14/86	11/14/85	04/10/86	04/10/86	12/27/85	04/02/86	12/27/85	04/01/86	12/23/85	12/23/85	03/31/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis											LDA	LDB	
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1001	MW-1002	MW-1002	MW-1002	MW-1003	MW-1003	MW-1004	MW-1004	MW-1005	MW-1005	MW-1005
Date Sampled			04/04/86	11/07/85	04/02/86	04/02/86	12/18/85	03/18/86	12/18/85	03/18/86	12/17/85	12/17/85	03/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/14/86	11/14/85	04/10/86	04/10/86	12/27/85	04/02/86	12/27/85	04/01/86	12/23/85	12/23/85	03/31/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis											LDA	LDB	
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	4	2	ND	3	ND	ND	ND	3
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1009	MW-1009	MW-1010	MW-1010	MW-1011	MW-1011	MW-1012	MW-1012	MW-1013	MW-1013	MW-1014
Date Sampled			12/19/85	03/21/86	04/08/86	04/08/86	11/05/85	03/27/86	11/15/85	03/06/86	11/12/85	03/11/86	11/14/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/30/85	04/02/86	04/14/86	04/14/86	11/13/85	04/08/86	11/25/85	03/27/86	11/19/85	03/27/86	11/21/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	3	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	2	2	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1009	MW-1009	MW-1010	MW-1010	MW-1011	MW-1011	MW-1012	MW-1012	MW-1013	MW-1013	MW-1014
Date Sampled			12/19/85	03/21/86	04/08/86	04/08/86	11/05/85	03/27/86	11/15/85	03/06/86	11/12/85	03/11/86	11/14/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/30/85	04/02/86	04/14/86	04/14/86	11/13/85	04/08/86	11/25/85	03/27/86	11/19/85	03/27/86	11/21/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB							
Lab Analysis													
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	3	2	2	ND	2	2	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1014	MW-1015	MW-1015	MW-1016	MW-1016	MW-1017	MW-1017	MW-1018	MW-1018	MW-1019	MW-1019
Date Sampled			03/12/86	12/14/85	03/25/86	11/14/85	03/12/86	11/08/85	03/18/86	11/18/85	03/12/86	12/19/85	03/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/28/86	12/20/85	04/03/86	11/22/85	03/28/86	11/19/85	04/01/86	11/25/85	03/31/86	12/30/85	03/31/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													LDA
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First Laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1014	MW-1015	MW-1015	MW-1016	MW-1016	MW-1017	MW-1017	MW-1018	MW-1018	MW-1019	MW-1019
Date Sampled			03/12/86	12/14/85	03/25/86	11/14/85	03/12/86	11/08/85	03/18/86	11/18/85	03/12/86	12/19/85	03/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/28/86	12/20/85	04/03/86	11/22/85	03/28/86	11/19/85	04/01/86	11/25/85	03/31/86	12/30/85	03/31/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													LDA
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	3.2	2	ND	3	ND	ND	ND	2	3	2
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1019	MW-1020	MW-1020	MW-1020	MW-1020	OW-136	OW-136	OW-148	OW-155	OW-158	OW-354
Date Sampled			03/14/86	11/08/85	11/08/85	11/08/85	03/07/86	01/21/86	01/21/86	01/21/86	04/14/86	03/31/86	04/11/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/31/86	11/19/85	11/19/85	11/18/85	03/27/86	02/03/86	02/03/86	02/03/86	04/22/86	05/07/86	05/07/86
Lab			SAC	SAC	SAC	RAS	SAC	RAS	RAS	RAS	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB	LDA	LDB	LDB		LDA	LDB				
1,3-Dichlorobenzene	130	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
1,2-Dichlorobenzene	130	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
1,4-Dichlorobenzene	NE	750	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Acenaphthene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Hexachlorobenzene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Hexachloroethane	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
2-Chloronaphthalene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Fluoranthene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
N-nitrosodimethylamine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Butylbenzyl phthalate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Di-n-butyl phthalate	NE	NE	ND	ND	ND	NA	ND	9B	11B	16B	4	NA	NA
Di-n-octyl phthalate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Diethyl phthalate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Dimethyl phthalate	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Benzo(a)anthracene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Benzo(a)pyrene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Chrysene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Acenaphthylene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Anthracene	(LOQ)0.7	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1019	MW-1020	MW-1020	MW-1020	MW-1020	OW-136	OW-136	OW-148	OW-155	OW-158	OW-354
Date Sampled			03/14/86	11/08/85	11/08/85	11/08/85	03/07/86	01/21/86	01/21/86	01/21/86	04/14/86	03/31/86	04/11/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/31/86	11/19/85	11/19/85	11/18/85	03/27/86	02/03/86	02/03/86	02/03/86	04/22/86	05/07/86	05/07/86
Lab			SAC	SAC	SAC	RAS	SAC	RAS	RAS	RAS	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB	LDA	LDB	LDB		LDA	LDB				
Hexachlorobutadiene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Isophorone	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Naphthalene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Nitrobenzene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Phenanthrene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Pyrene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Dioxin	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
2,4,6-Trichlorophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	2	ND	1.8	1.2
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Benzidine	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA
Fluorene	NE	NE	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-520	OW-654	OW-899	OW-899	OW-911	OW-911	OW-911	OW-911	OW-917	OW-918	OW-918
Date Sampled			04/15/86	04/14/86	04/16/86	04/16/86	07/11/85	09/19/85	09/19/85	11/20/85	07/11/85	03/26/84	07/11/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	CRWQCB	RADIAN
Date Analyzed			05/07/86	05/07/86	04/24/86	05/07/86	07/30/85	09/30/85	09/30/85	11/30/85	07/30/85	04/10/84	07/29/85
Lab			SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis								LDA	LDB				LDA
1,3-Dichlorobenzene	130	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	3.0	ND	ND
Butylbenzyl phthalate	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	NA	NA	5	NA	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-520	OW-654	OW-899	OW-899	OW-911	OW-911	OW-911	OW-911	OW-917	OW-918	OW-918
Date Sampled			04/15/86	04/14/86	04/16/86	04/16/86	07/11/85	09/19/85	09/19/85	11/20/85	07/11/85	03/26/84	07/11/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	CRWQCB	RADIAN
Date Analyzed			05/07/86	05/07/86	04/24/86	05/07/86	07/30/85	09/30/85	09/30/85	11/30/85	07/30/85	04/10/84	07/29/85
Lab			SAC	SAC	SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis								LDA	LDB				LDA
Hexachlorocyclopentadiene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Dioxin	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	1.5	1.5	NA	4.3	2.0	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-918	OW-920	OW-920	OW-921	OW-921	OW-921	OW-921	OW-1045
Date Sampled			07/11/85	09/19/85	11/20/85	09/19/85	09/19/85	11/20/85	11/20/85	03/31/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/30/85	09/30/85	11/30/85	09/30/85	10/19/85	11/30/85	11/30/85	05/07/86
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	SAC
- Field Analysis										
Lab Analysis			LDB					LDA	LDB	
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	NA	ND	ND	NA
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	NA	ND	ND	NA
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	NA	ND	ND	NA
Acenaphthene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Hexachloroethane	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
1,2-Diphenylhydrazine	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Fluoranthene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	NA	ND	23B	NA
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Diethyl phthalate	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Dimethyl phthalate	NE	NE	--	ND	ND	ND	NA	ND	ND	NA
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
3,4-Benzofluoranthene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Chrysene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Acenaphthylene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	NA	ND	ND	NA
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
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ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR U.S. EPA METHOD 625 ANALYTES (SEPTEMBER 1980-APRIL 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER							
			OW-918	OW-920	OW-920	OW-921	OW-921	OW-921	OW-921	OW-1045
Date Sampled			07/11/85	09/19/85	11/20/85	09/19/85	09/19/85	11/20/85	11/20/85	03/31/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/30/85	09/30/85	11/30/85	09/30/85	10/19/85	11/30/85	11/30/85	05/07/86
Lab			RAS	RAS	RAS	RAS	RAS	RAS	RAS	SAC
Field Analysis										
Lab Analysis			LDB					LDA	LDB	
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Isophorone	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Naphthalene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Nitrobenzene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Phenanthrene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Pyrene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Dioxin	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND
P-chloro-m-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	15.0	ND	ND	2.1
N-nitrosodiphenylamine	NE	NE	3	ND	ND	ND	NA	ND	ND	NA
Benzidine	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA
Fluorene	NE	NE	ND	ND	ND	ND	NA	ND	ND	NA

ALL UNITS ARE ug/l

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MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-10	EW-13	EW-18	EW-29	EW-73	EW-73	EW-83	EW-83	EW-84	EW-84	EW-85
Date Sampled			12/04/86	12/04/86	12/04/86	12/04/86	10/24/87	04/06/88	10/24/87	04/06/88	10/24/87	04/06/88	10/24/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/17/86	12/17/86	12/17/86	12/17/86	11/17/87	04/15/88	11/17/87	04/15/88	11/16/87	04/15/88	11/17/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	5.1	4.4	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	34	27	ND	ND	28	29	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	8.8	6.9	ND	ND	ND	4.5	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	15	9.9	17	15	ND	ND	ND	ND	ND	ND	17B
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

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ND = Nothing detected

B = Compound detected in laboratory blank - not edited

LOQ = Limit of quantitation

NE = Not established

Analytical data for EW-63 and EW-69 appear under MW-63 and MW-69

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-10	EW-13	EW-18	EW-29	EW-73	EW-73	EW-83	EW-83	EW-84	EW-84	EW-85
Date Sampled			12/04/86	12/04/86	12/04/86	12/04/86	10/24/87	04/06/88	10/24/87	04/06/88	10/24/87	04/06/88	10/24/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/17/86	12/17/86	12/17/86	12/17/86	11/17/87	04/15/88	11/17/87	04/15/88	11/16/87	04/15/88	11/17/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Naphthalene	NE	NE	ND	ND	ND	ND	19	18	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	6.6	ND	ND	ND	9.7	2.8	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	38	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	200	60	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
EW = Extraction Well
BW = Base production well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-10	EW-13	EW-18	EW-29	EW-73	EW-73	EW-83	EW-83	EW-84	EW-84	EW-85
Date Sampled			12/04/86	12/04/86	12/04/86	12/04/86	10/24/87	04/06/88	10/24/87	04/06/88	10/24/87	04/06/88	10/24/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/17/86	12/17/86	12/17/86	12/17/86	11/17/87	04/15/88	11/17/87	04/15/88	11/16/87	04/15/88	11/17/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
EW = Extraction Well
BW = Base production well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-85	EW-86	EW-86	EW-87	EW-87	MW-10	MW-11	MW-12	MW-14	MW-15	MW-18D
Date Sampled			04/06/88	10/24/87	04/06/88	10/24/87	04/07/88	10/26/87	10/27/87	10/23/87	10/26/87	10/26/87	12/03/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/15/88	11/17/87	04/15/88	11/17/87	04/14/88	11/17/87	11/17/87	11/17/87	11/17/87	11/17/87	12/12/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	3.6	2.2	ND	13	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	170	8.7	ND	15	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	18	ND	ND	6.3	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	11B(23.04)	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.4(8.25)
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-85	EW-86	EW-86	EW-87	EW-87	MW-10	MW-11	MW-12	MW-14	MW-15	MW-18D
Date Sampled			04/06/88	10/24/87	04/06/88	10/24/87	04/07/88	10/26/87	10/27/87	10/23/87	10/26/87	10/26/87	12/03/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/15/88	11/17/87	04/15/88	11/17/87	04/14/88	11/17/87	11/17/87	11/17/87	11/17/87	11/17/87	12/12/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	3.5	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
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ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-85	EW-86	EW-86	EW-87	EW-87	MW-10	MW-11	MW-12	MW-14	MW-15	MW-18D
Date Sampled			04/06/88	10/24/87	04/06/88	10/24/87	04/07/88	10/26/87	10/27/87	10/23/87	10/26/87	10/26/87	12/03/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/15/88	11/17/87	04/15/88	11/17/87	04/14/88	11/17/87	11/17/87	11/17/87	11/17/87	11/17/87	12/12/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19D	MW-19S	MW-20D	MW-21D	MW-21S	MW-21S	MW-21S	MW-22D	MW-22D	MW-23D	MW-24D
Date Sampled			10/26/87	10/16/86	01/29/87	09/30/86	09/30/86	01/25/88	07/26/88	01/23/87	01/23/87	10/16/86	09/26/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/17/87	10/27/86	02/24/87	10/13/86	10/13/86	02/16/88	08/11/88	02/19/87	02/23/87	10/27/86	10/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	8.6B(23.04)	1.4B(8.25)	ND	ND	ND	ND	ND	27(44.1)	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	11B	ND	9.0B	13B	ND	ND	67(105.8)	12(105.8)	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
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( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19D	MW-19S	MW-20D	MW-21D	MW-21S	MW-21S	MW-21S	MW-22D	MW-22D	MW-23D	MW-24D
Date Sampled			10/26/87	10/16/86	01/29/87	09/30/86	09/30/86	01/25/88	07/26/88	01/23/87	01/23/87	10/16/86	09/26/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/17/87	10/27/86	02/24/87	10/13/86	10/13/86	02/16/88	08/11/88	02/19/87	02/23/87	10/27/86	10/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	2.7	1.9B	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
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MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19D	MW-19S	MW-20D	MW-21D	MW-21S	MW-21S	MW-21S	MW-22D	MW-22D	MW-23D	MW-24D
Date Sampled			10/26/87	10/16/86	01/29/87	09/30/86	09/30/86	01/25/88	07/26/88	01/23/87	01/23/87	10/16/86	09/26/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/17/87	10/27/86	02/24/87	10/13/86	10/13/86	02/16/88	08/11/88	02/19/87	02/23/87	10/27/86	10/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis										LDA	LDB		
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27D	MW-27D	MW-28D	MW-28D	MW-29D	MW-29D	MW-31S	MW-33S	MW-33S	MW-33S
Date Sampled			01/26/88	07/20/88	07/20/88	01/27/88	07/21/88	12/03/86	08/12/87	12/03/86	01/29/87	01/29/87	04/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/16/88	08/11/88	08/11/88	02/16/88	08/11/88	12/15/86	08/20/87	12/15/86	02/24/87	02/24/87	04/30/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis				LDA	LDB								
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	3.4	3.3	3.6
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	11	10	14
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.7
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	3.6B	3.3B	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	8.0B	13	22B	4.4B	4.3B
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27D	MW-27D	MW-28D	MW-28D	MW-29D	MW-29D	MW-31S	MW-33S	MW-33S	MW-33S
Date Sampled			01/26/88	07/20/88	07/20/88	01/27/88	07/21/88	12/03/86	08/12/87	12/03/86	01/29/87	01/29/87	04/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/16/88	08/11/88	08/11/88	02/16/88	08/11/88	12/15/86	08/20/87	12/15/86	02/24/87	02/24/87	04/30/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis				LDA	LDB								
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	3.5	2.9	2.2	ND	ND	2.5	ND	1.5	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27D	MW-27D	MW-28D	MW-28D	MW-29D	MW-29D	MW-31S	MW-33S	MW-33S	MW-33S
Date Sampled			01/26/88	07/20/88	07/20/88	01/27/88	07/21/88	12/03/86	08/12/87	12/03/86	01/29/87	01/29/87	04/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/16/88	08/11/88	08/11/88	02/16/88	08/11/88	12/15/86	08/20/87	12/15/86	02/24/87	02/24/87	04/30/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis				LDA	LDB								
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-36S	MW-36S	MW-36S	MW-41S
Date Sampled			07/31/87	07/31/87	10/26/87	01/08/88	04/25/88	07/21/88	07/21/88	09/17/86	04/16/87	04/16/87	11/18/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/11/87	08/11/87	11/17/87	01/21/88	04/29/88	08/11/88	08/11/88	09/24/86	05/01/87	05/01/87	12/01/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis			LDA	LDB				LDA	LDB		LDA	LDB	
1,3-Dichlorobenzene	130	NE	2.8	ND	3.1	3.8	4.1	3.8	4.3	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	12	12	18	31	30	31	35	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	5.0	7.7	7.5	7.5	8.4	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	1.3B	2.6B	ND	ND	ND	ND	ND	4.9(8.25)	2.7B	2.9B	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	1.4B	3.0B	ND	ND	ND	ND	ND	8.7B	27B(46.73)	5.7B	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-36S	MW-36S	MW-36S	MW-41S
Date Sampled			07/31/87	07/31/87	10/26/87	01/08/88	04/25/88	07/21/88	07/21/88	09/17/86	04/16/87	04/16/87	11/18/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/11/87	08/11/87	11/17/87	01/21/88	04/29/88	08/11/88	08/11/88	09/24/86	05/01/87	05/01/87	12/01/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis			LDA	LDB				LDA	LDB		LDA	LDB	
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	1.7	1.7	1.9	2.2	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-36S	MW-36S	MW-36S	MW-41S
Date Sampled			07/31/87	07/31/87	10/26/87	01/08/88	04/25/88	07/21/88	07/21/88	09/17/86	04/16/87	04/16/87	11/18/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/11/87	08/11/87	11/17/87	01/21/88	04/29/88	08/11/88	08/11/88	09/24/86	05/01/87	05/01/87	12/01/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis			LDA	LDB				LDA	LDB		LDA	LDB	
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-41S	MW-41S	MW-44S	MW-44S	MW-51	MW-51	MW-51	MW-51	MW-51	MW-52
Date Sampled			11/18/86	01/26/88	07/13/88	09/17/86	01/12/87	11/22/86	10/15/87	04/08/88	04/08/88	07/07/88	11/24/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/01/86	02/16/88	07/26/88	09/24/86	01/21/87	12/09/86	10/28/87	04/14/88		07/26/88	12/10/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis			FDB										
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	NA	ND	ND	ND	ND	NA	ND	NA	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	5.8(8.25)	ND	ND	ND	ND	8(8.25)
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2B(8.25)
Di-n-butyl phthalate	NE	NE	ND	ND	ND	5.5B(8.25)	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-41S	MW-41S	MW-44S	MW-44S	MW-51	MW-51	MW-51	MW-51	MW-51	MW-52
Date Sampled			11/18/86	01/26/88	07/13/88	09/17/86	01/12/87	11/22/86	10/15/87	04/08/88	04/08/88	07/07/88	11/24/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/01/86	02/16/88	07/26/88	09/24/86	01/21/87	12/09/86	10/28/87	04/14/88		07/26/88	12/10/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis			FDB										
Lab Analysis													
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	3.4	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	NA	ND	ND	ND	ND	NA	ND	NA	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	NA	ND	ND	ND	ND	NA	NA	NA	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-41S	MW-41S	MW-44S	MW-44S	MW-51	MW-51	MW-51	MW-51	MW-51	MW-52
Date Sampled			11/18/86	01/26/88	07/13/88	09/17/86	01/12/87	11/22/86	10/15/87	04/08/88	04/08/88	07/07/88	11/24/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/01/86	02/16/88	07/26/88	09/24/86	01/21/87	12/09/86	10/28/87	04/14/88		07/26/88	12/10/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC
Field Analysis			FDB										
Lab Analysis													
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-52	MW-52	MW-53	MW-53	MW-53	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54
Date Sampled			10/16/87	04/07/88	11/21/86	10/21/87	07/05/88	11/20/86	04/27/87	04/27/87	10/19/87	10/19/87	04/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/30/87	04/14/88	12/09/86	11/10/87	07/21/88	12/10/86	05/06/87	05/14/87	11/10/87	11/10/87	04/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB	FDA	FDB	
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	7.7	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	4.4(8.25)	ND	ND	13B	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	2.6(8.25)	ND	ND	4.6(8.25)	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-52	MW-52	MW-53	MW-53	MW-53	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54
Date Sampled			10/16/87	04/07/88	11/21/86	10/21/87	07/05/88	11/20/86	04/27/87	04/27/87	10/19/87	10/19/87	04/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/30/87	04/14/88	12/09/86	11/10/87	07/21/88	12/10/86	05/06/87	05/14/87	11/10/87	11/10/87	04/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB	FDA	FDB	
Lab Analysis													
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	7.2	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	350	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-52	MW-52	MW-53	MW-53	MW-53	MW-54	MW-54	MW-54	MW-54	MW-54	MW-54
Date Sampled			10/16/87	04/07/88	11/21/86	10/21/87	07/05/88	11/20/86	04/27/87	04/27/87	10/19/87	10/19/87	04/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/30/87	04/14/88	12/09/86	11/10/87	07/21/88	12/10/86	05/06/87	05/14/87	11/10/87	11/10/87	04/15/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB	FDA	FDB	
Lab Analysis													
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	N	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

B 587

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-57	MW-57	MW-57
Date Sampled			11/22/86	11/22/86	04/20/87	10/14/87	10/14/87	07/11/88	07/11/88	07/11/88	11/19/86	04/28/87	10/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/09/86	12/09/86	05/01/87	10/30/87	11/09/87	07/23/88	07/25/88	07/25/88	12/05/86	05/12/87	10/23/87
Lab			SAC	SAC	SAC	SAC	CES	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA				FDA	FDB		FDA	
Lab Analysis			LDA	LDB	LDA								
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	11	24	ND	ND	ND	ND	ND	ND	ND	1.7B	140B
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	3.7B	ND	ND	ND	ND	ND	ND	4.6B	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LCQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LCQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-57	MW-57	MW-57
Date Sampled			11/22/86	11/22/86	04/20/87	10/14/87	10/14/87	07/11/88	07/11/88	07/11/88	11/19/86	04/28/87	10/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/09/86	12/09/86	05/01/87	10/30/87	11/09/87	07/23/88	07/25/88	07/25/88	12/05/86	05/12/87	10/23/87
Lab			SAC	SAC	SAC	SAC	CES	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA				FDA	FDB		FDA	
Lab Analysis			LDA	LDB	LDA								
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	1.8	4.5	ND	ND	ND	ND	ND	ND	2.2	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-55	MW-57	MW-57	MW-57
Date Sampled			11/22/86	11/22/86	04/20/87	10/14/87	10/14/87	07/11/88	07/11/88	07/11/88	11/19/86	04/28/87	10/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/09/86	12/09/86	05/01/87	10/30/87	11/09/87	07/23/88	07/25/88	07/25/88	12/05/86	05/12/87	10/23/87
Lab			SAC	SAC	SAC	SAC	CES	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA				FDA	FDB		FDA	
Lab Analysis			LDA	LDB	LDA								
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannnie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-58	MW-58	MW-58	MW-58	MW-58	MW-59	MW-59	MW-59	MW-60	MW-61	MW-61
Date Sampled			11/21/86	10/13/87	04/06/88	04/06/88	07/07/88	11/18/86	04/21/87	10/09/87	01/13/87	02/01/86	12/01/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/09/86	10/28/87	04/15/88	04/18/88	07/26/88	12/01/86	05/01/87	10/20/87	01/20/87	12/17/86	12/17/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA				
Lab Analysis					LDA	LDB						LDB	LDA
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	4.8(8.25)	ND	ND	ND	ND	9	ND	ND	ND	5.3(8.25)	3.9(8.25)
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	5(8.25)	ND	ND	ND	ND	3.1(8.25)
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	6.9B	ND	ND	35.3	27
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-58	MW-58	MW-58	MW-58	MW-58	MW-59	MW-59	MW-59	MW-60	MW-61	MW-61
Date Sampled			11/21/86	10/13/87	04/06/88	04/06/88	07/07/88	11/18/86	04/21/87	10/09/87	01/13/87	02/01/86	12/01/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/09/86	10/28/87	04/15/88	04/18/88	07/26/88	12/01/86	05/01/87	10/20/87	01/20/87	12/17/86	12/17/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA				
Lab Analysis					LDA	LDB						LDB	LDA
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
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MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			MW-58	MW-58	MW-58	MW-58	MW-58	MW-59	MW-59	MW-59	MW-60	MW-61	MW-61
Date Sampled			11/21/86	10/13/87	04/06/88	04/06/88	07/07/88	11/18/86	04/21/87	10/09/87	01/13/87	02/01/86	12/01/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/09/86	10/28/87	04/15/88	04/18/88	07/26/88	12/01/86	05/01/87	10/20/87	01/20/87	12/17/86	12/17/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA				
Lab Analysis					LDA	LDB						LDB	LDA
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-61	MW-61	MW-61	MW-62	MW-62	MW-63	MW-63	MW-63	MW-67	MW-69	MW-69
Date Sampled			01/29/87	01/19/88	07/20/88	04/26/88	04/26/88	11/25/86	11/25/86	07/15/88	10/17/86	11/25/86	01/23/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/24/87	02/02/88	08/11/88	05/02/88	05/02/88	12/11/86	12/11/86	07/25/88	10/28/86	12/12/86	02/09/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB				
Lab Analysis						LDA	LDB						
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	6(8.25)	13	ND	3.0B(8.25)	10	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	11B	8.6	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
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ND = Nothing detected
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B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-61	MW-61	MW-61	MW-62	MW-62	MW-63	MW-63	MW-63	MW-67	MW-69	MW-69
Date Sampled			01/29/87	01/19/88	07/20/88	04/26/88	04/26/88	11/25/86	11/25/86	07/15/88	10/17/86	11/25/86	01/23/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/24/87	02/02/88	08/11/88	05/02/88	05/02/88	12/11/86	12/11/86	07/25/88	10/28/86	12/12/86	02/09/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB				
Lab Analysis						LDA	LDB						
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	NA	NA	NA	ND	ND	NA	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-61	MW-61	MW-61	MW-62	MW-62	MW-63	MW-63	MW-63	MW-67	MW-69	MW-69
Date Sampled			01/29/87	01/19/88	07/20/88	04/26/88	04/26/88	11/25/86	11/25/86	07/15/88	10/17/86	11/25/86	01/23/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/24/87	02/02/88	08/11/88	05/02/88	05/02/88	12/11/86	12/11/86	07/25/88	10/28/86	12/12/86	02/09/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB				
Lab Analysis						LDA	LDB						
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-69	MW-70	MW-70	MW-70	MW-70	MW-70	MW-71	MW-72	MW-72	MW-72	MW-74
Date Sampled			07/13/88	01/29/87	10/16/87	10/16/87	04/21/88	04/21/88	04/22/88	01/08/88	04/11/88	07/21/88	04/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/26/88	02/23/87	10/30/87	10/30/87	04/28/88	04/27/88	04/27/88	01/21/88	04/18/88	08/11/88	
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis							FDA	FDB					
Lab Analysis					LDA	LDB							
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	5.4	9.4	7.7	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	848	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-69	MW-70	MW-70	MW-70	MW-70	MW-70	MW-71	MW-72	MW-72	MW-72	MW-74
Date Sampled			07/13/88	01/29/87	10/16/87	10/16/87	04/21/88	04/21/88	04/22/88	01/08/88	04/11/88	07/21/88	04/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/26/88	02/23/87	10/30/87	10/30/87	04/28/88	04/27/88	04/27/88	01/21/88	04/18/88	08/11/88	
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis							FDA	FDB					
Lab Analysis					LDA	LDB							
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMB .6 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-69	MW-70	MW-70	MW-70	MW-70	MW-70	MW-71	MW-72	MW-72	MW-72	MW-74
Date Sampled			07/13/88	01/29/87	10/16/87	10/16/87	04/21/88	04/21/88	04/22/88	01/08/88	04/11/88	07/21/88	04/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			0 /26/ 8	02/23/87	10/30/87	10/30/87	04/28/88	04/27/88	04/27/88	01/21/88	04/18/88	08/11/88	
Lab			AC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis							FDA	FDB					
Lab Analysis					LDA	LDB							
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

B

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-74	MW-74	MW-75	MW-76	MW-76	MW-88	MW-88	MW-89	MW-89	MW-90	MW-90
Date Sampled			04/27/88	04/27/88	04/21/88	04/28/88	04/28/88	01/06/87	04/11/88	01/06/87	01/06/87	01/20/87	04/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/04/88	05/04/88	04/29/88	05/06/88		01/14/87	04/18/88	01/14/87	01/14/87	02/18/87	04/18/88
Lab			SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									FDA
Lab Analysis										LDA	LDB		
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-74	MW-74	MW-75	MW-76	MW-76	MW-88	MW-88	MW-89	MW-89	MW-90	MW-90
Date Sampled			04/27/88	04/27/88	04/21/88	04/28/88	04/28/88	01/06/87	04/11/88	01/06/87	01/06/87	01/20/87	04/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/04/88	05/04/88	04/29/88	05/06/88		01/14/87	04/18/88	01/14/87	01/14/87	02/18/87	04/18/88
Lab			SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									FDA
Lab Analysis										LDA	LDB		
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-74	MW-74	MW-75	MW-76	MW-76	MW-88	MW-88	MW-89	MW-89	MW-90	MW-90
Date Sampled			04/27/88	04/27/88	04/21/88	04/28/88	04/28/88	01/06/87	04/11/88	01/06/87	01/06/87	01/20/87	04/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/04/88	05/04/88	04/29/88	05/06/88		01/14/87	04/18/88	01/14/87	01/14/87	02/18/87	04/18/88
Lab			SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									FDA
Lab Analysis										LDA	LDB		
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-90	MW-90	MW-91	MW-91	MW-91	MW-91	MW-91	MW-92	MW-92	MW-92	MW-100
Date Sampled			04/11/88	04/11/88	01/20/87	01/20/87	01/21/88	04/18/88	07/20/88	01/21/88	01/21/88	07/21/88	09/16/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/19/88	04/19/88	02/18/87	02/18/87	02/05/88	04/21/88	08/11/88	02/05/88	02/05/88	08/11/88	09/22/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB	FDB	FDA	FDB				FDA	FDB		
Lab Analysis			LDA	LDB									
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	N	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	NU	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NU
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	NA	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	7.2B	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	22B	28B	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

B 603

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-90	MW-90	MW-91	MW-91	MW-91	MW-91	MW-91	MW-92	MW-92	MW-92	MW-100
Date Sampled			04/11/88	04/11/88	01/20/87	01/20/87	01/21/88	04/18/88	07/20/88	01/21/88	01/21/88	07/21/88	09/16/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/19/88	04/19/88	02/18/87	02/18/87	02/05/88	04/21/88	08/11/88	02/05/88	02/05/88	08/11/88	09/22/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB	FDB	FDA	FDB				FDA	FDB		
Lab Analysis			LDA	LDB									
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	NA	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	NA	ND	ND	NA	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-90	MW-90	MW-91	MW-91	MW-91	MW-91	MW-91	MW-92	MW-92	MW-92	MW-100
Date Sampled			04/11/88	04/11/88	01/20/87	01/20/87	01/21/88	04/18/88	07/20/88	01/21/88	01/21/88	07/21/88	09/16/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/19/88	04/19/88	02/18/87	02/18/87	02/05/88	04/21/88	08/11/88	02/05/88	02/05/88	08/11/88	09/22/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB	FDB	FDA	FDB				FDA	FDB		
Lab Analysis			LDA	LDB									
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-101	MW-101	MW-102	MW-102	MW-103	MW-103	MW-104	MW-105	MW-105	MW-106	MW-107
Date Sampled			09/16/86	08/05/87	09/18/86	08/07/87	09/18/86	08/04/87	12/02/86	12/04/86	12/04/86	09/18/86	09/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/22/86	08/12/87	09/29/86	08/17/87	09/29/86	08/11/87	12/17/86	12/16/86	12/16/86	09/29/86	10/01/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB		
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	4.5B	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	2.4B	ND	14B	ND	3.7B	9.2	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHF Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-101	MW-101	MW-102	MW-102	MW-103	MW-103	MW-104	MW-105	MW-105	MW-106	MW-107
Date Sampled			09/16/86	08/05/87	09/18/86	08/07/87	09/18/86	08/04/87	12/02/86	12/04/86	12/04/86	09/18/86	09/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/22/86	08/12/87	09/29/86	08/17/87	09/29/86	08/11/87	12/17/86	12/16/86	12/16/86	09/29/86	10/01/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB		
Lab Analysis													
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	3.6	1.6	1.6	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-101	MW-101	MW-102	MW-102	MW-103	MW-103	MW-104	MW-105	MW-105	MW-106	MW-107
Date Sampled			09/16/86	08/05/87	09/18/86	08/07/87	09/18/86	08/04/87	12/02/86	12/04/86	12/04/86	09/18/86	09/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/22/86	08/12/87	09/29/86	08/17/87	09/29/86	08/11/87	12/17/86	12/16/86	12/16/86	09/29/86	10/01/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB		
Lab Analysis													
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-108	MW-109	MW-109	MW-109	MW-110	MW-111	MW-111	MW-111	MW-111	MW-112	MW-113
Date Sampled			09/19/86	11/06/86	04/18/88	04/18/88	09/19/86	09/22/86	09/22/86	01/15/88	07/12/88	09/22/86	11/06/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/30/86	11/18/86	04/21/88	04/21/88	10/01/86	10/01/86	10/01/86	01/28/88	07/27/88	10/01/86	11/18/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis					LDA	LDB		LDA	LDB				
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

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LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

B 009

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-108	MW-109	MW-109	MW-109	MW-110	MW-111	MW-111	MW-111	MW-111	MW-112	MW-113
Date Sampled			09/19/86	11/06/86	04/18/88	04/18/88	09/19/86	09/22/86	09/22/86	01/15/88	07/12/88	09/22/86	11/06/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/30/86	11/18/86	04/21/88	04/21/88	10/01/86	10/01/86	10/01/86	01/28/88	07/27/88	10/01/86	11/18/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis					LDA	LDB		LDA	LDB				
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-108	MW-109	MW-109	MW-109	MW-110	MW-111	MW-111	MW-111	MW-111	MW-112	MW-113
Date Sampled			09/19/86	11/06/86	04/18/88	04/18/88	09/19/86	09/22/86	09/22/86	01/15/88	07/12/88	09/22/86	11/06/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			09/30/86	11/18/86	04/21/88	04/21/88	10/01/86	10/01/86	10/01/86	01/28/88	07/27/88	10/01/86	11/18/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis					LDA	LDB		LDA	LDB				
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			MW-113	MW-114	MW-114	MW-114	MW-114	MW-115	MW-116	MW-116	MW-116	MW-116	MW-117
Date Sampled			04/26/88	11/26/86	01/07/88	01/07/88	07/12/88	12/02/86	09/26/86	09/26/86	01/13/88	07/06/88	10/20/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/02/88	12/18/86	01/19/88	01/21/88	07/27/88	12/17/86	10/09/86	10/09/86	01/26/88	07/21/88	10/29/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis					LDA	LDB			LDA	LDB			
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	190	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	NA	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.6B(8.25)
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	18B
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
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ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-113	MW-114	MW-114	MW-114	MW-114	MW-115	MW-116	MW-116	MW-116	MW-116	MW-117
Date Sampled			04/26/88	11/26/86	01/07/88	01/07/88	07/12/88	12/02/86	09/26/86	09/26/86	01/13/88	07/06/88	10/20/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/02/88	12/18/86	01/19/88	01/21/88	07/27/88	12/17/86	10/09/86	10/09/86	01/26/88	07/21/88	10/29/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis					LDA	LDB			LDA	LDB			
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	2.1B	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	NA	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	NA	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-113	MW-114	MW-114	MW-114	MW-114	MW-115	MW-116	MW-116	MW-116	MW-116	MW-117
Date Sampled			04/26/88	11/26/86	01/07/88	01/07/88	07/12/88	12/02/86	09/26/86	09/26/86	01/13/88	07/06/88	10/20/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/02/88	12/18/86	01/19/88	01/21/88	07/27/88	12/17/86	10/09/86	10/09/86	01/26/88	07/21/88	10/29/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis					LDA	LDB			LDA	LDB			
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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ND = Nothing detected
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RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-117	MW-117	MW-118	MW-119	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-121
Date Sampled			10/20/86	10/20/86	10/21/86	10/20/86	10/13/86	10/13/86	01/23/88	07/11/88	07/11/88	07/11/88	10/13/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/29/86	10/29/86	11/03/86	10/29/86	10/21/86	10/21/86	02/09/88	07/23/88	07/25/88	07/25/88	10/21/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis			FDB	FDB			FDA	FDB			FDA	FDB	
Lab Analysis			LDA	LDB									
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	4.5B(8.25)	8.4B	52	12B	5.8B(8.25)	6.6B(8.25)	ND	ND	ND	ND	7.2B(8.25)
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	3.0B(8.25)	8.7B	ND	6.9B(8.25)	7.9B(8.25)	11B	ND	ND	ND	ND	18B
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-117	MW-117	MW-118	MW-119	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-121
Date Sampled			10/20/86	10/20/86	10/21/86	10/20/86	10/13/86	10/13/86	01/23/88	07/11/88	07/11/88	07/11/88	10/13/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/29/86	10/29/86	11/03/86	10/29/86	10/21/86	10/21/86	02/09/88	07/23/88	07/25/88	07/25/88	10/21/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis			FDB	FDB			FDA	FDB			FDA	FDB	
Lab Analysis			LDA	LDB									
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			MW-117	MW-117	MW-118	MW-119	MW-120	MW-120	MW-120	MW-120	MW-120	MW-120	MW-121
Date Sampled			10/20/86	10/20/86	10/21/86	10/20/86	10/13/86	10/13/86	01/23/88	07/11/88	07/11/88	07/11/88	10/13/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/29/86	10/29/86	11/03/86	10/29/86	10/21/86	10/21/86	02/09/88	07/23/88	07/25/88	07/25/88	10/21/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis			FDB	FDB			FDA	FDB			FDA	FDB	
Lab Analysis			LDA	LDB									
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-122	MW-123	MW-124	MW-127	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128
Date Sampled			11/12/86	10/21/86	11/24/86	10/24/86	11/13/86	11/13/86	01/16/87	04/16/87	10/23/87	01/13/88	04/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/20/86	11/03/86	12/10/86	10/29/86	11/25/86	11/25/86	02/18/87	04/30/87	11/16/87	01/26/88	04/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	2.7	ND	3.1	2.4	3.3
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	2	5	ND	ND	2.6	ND	2.3
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	18	5(8.25)	12	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	6.7B(14.14)	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-122	MW-123	MW-124	MW-127	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128
Date Sampled			11/12/86	10/21/86	11/24/86	10/24/86	11/13/86	11/13/86	01/16/87	04/16/87	10/23/87	01/13/88	04/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/20/86	11/03/86	12/10/86	10/29/86	11/25/86	11/25/86	02/18/87	04/30/87	11/16/87	01/26/88	04/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-122	MW-123	MW-124	MW-127	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128	MW-128
Date Sampled			11/12/86	10/21/86	11/24/86	10/24/86	11/13/86	11/13/86	01/16/87	04/16/87	10/23/87	01/13/88	04/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/20/86	11/03/86	12/10/86	10/29/86	11/25/86	11/25/86	02/18/87	04/30/87	11/16/87	01/26/88	04/21/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-128	MW-128	MW-128	MW-129	MW-129	MW-129	MW-129	MW-129	MW-130	MW-130
Date Sampled			07/12/88	07/12/88	07/12/88	07/12/88	11/17/86	01/16/87	10/23/87	01/13/88	07/12/88	11/13/86	01/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/23/88	07/27/88	07/27/88	08/10/88	12/01/86	02/18/87	11/16/87	01/26/88	08/10/88	11/25/86	02/19/87
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDA	FDB							
Lab Analysis				LDA	LDB								
1,3-Dichlorobenzene	130	NE	ND	3.2	3.2	3.5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	2.6	2.7	2.9	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-128	MW-128	MW-128	MW-129	MW-129	MW-129	MW-129	MW-129	MW-130	MW-130
Date Sampled			07/12/88	07/12/88	07/12/88	07/12/88	11/17/86	01/16/87	10/23/87	01/13/88	07/12/88	11/13/86	01/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/23/88	07/27/88	07/27/88	08/10/88	12/01/86	02/18/87	11/16/87	01/26/88	08/10/88	11/25/86	02/19/87
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDA	FDB							
Lab Analysis				LDA	LDB								
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND
Benzyl alcohol	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-128	MW-128	MW-128	MW-129	MW-129	MW-129	MW-129	MW-129	MW-130	MW-130
Date Sampled			07/12/88	07/12/88	07/12/88	07/12/88	11/17/86	01/16/87	10/23/87	01/13/88	07/12/88	11/13/86	01/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/23/88	07/27/88	07/27/88	08/10/88	12/01/86	02/18/87	11/16/87	01/26/88	08/10/88	11/25/86	02/19/87
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDA	FDB							
Lab Analysis				LDA	LDB								
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-130	MW-130	MW-131	MW-131	MW-131	MW-131	MW-131	MW-132	MW-132	MW-132	MW-132
Date Sampled			10/27/87	10/27/87	11/19/86	11/19/86	11/19/86	10/14/87	10/14/87	11/24/86	01/21/87	05/15/87	07/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/17/87	11/17/87	12/04/86	12/05/86	12/05/86	10/30/87	10/30/87	12/10/86	02/19/87	05/20/87	08/10/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB	FDA	FDB	FDB	FDA	FDB			FDA	
Lab Analysis						LDA	LDB						
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	NL	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7B
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.8B	5.3B
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(100)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL [illegible] ARE [illegible]

[illegible]

[illegible] = [illegible] Duplicate analysis

FDB = Second field duplicate analysis

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

[illegible] = Radian Analytical Services [illegible]

[illegible] = [illegible] detected in laboratory blank [illegible]

[illegible] = Limit of quantitation

NE = Not established

Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW 140 and EW 141

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-130	MW-130	MW-131	MW-131	MW-131	MW-131	MW-131	MW-132	MW-132	MW-132	MW-132
Date Sampled			10/27/87	10/27/87	11/19/86	11/19/86	11/19/86	10/14/87	10/14/87	11/24/86	01/21/87	05/15/87	07/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/17/87	11/17/87	12/04/86	12/05/86	12/05/86	10/30/87	10/30/87	12/10/86	02/19/87	05/20/87	08/10/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB	FDA	FDB	FDB	FDA	FDB			FDA	
Lab Analysis						LDA	LDB						
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	3.4	3.8	2.0	ND	ND	2	2.5	2.3	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

B 625

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-130	MW-130	MW-131	MW-131	MW-131	MW-131	MW-131	MW-132	MW-132	MW-132	MW-132
Date Sampled			10/27/87	10/27/87	11/19/86	11/19/86	11/19/86	10/14/87	10/14/87	11/24/86	01/21/87	05/15/87	07/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/17/87	11/17/87	12/04/86	12/05/86	12/05/86	10/30/87	10/30/87	12/10/86	02/19/87	05/20/87	08/10/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB	FDA	FDB	FDB	FDA	FDB			FDA	
Lab Analysis						LDA	LDB						
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-132	MW-132	MW-132	MW-136	MW-143	MW-1000	MW-1000	MW-1001	MW-1002	MW-1003	MW-1004
Date Sampled			01/22/88	04/20/88	07/18/88	07/14/88	07/21/88	10/02/86	12/05/86	10/15/86	09/25/86	10/15/86	09/29/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/09/88	04/26/88	08/10/88	07/25/88	08/11/88	10/14/86	12/18/86	10/27/86	10/10/86	10/27/86	10/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	3.1(8.25)	ND	5.2B(8.25)	4.1(8.25)	6.2B(8.25)	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	11	ND	7.1B(8.25)	13	19B	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-132	MW-132	MW-132	MW-136	MW-143	MW-1000	MW-1000	MW-1001	MW-1002	MW-1003	MW-1004
Date Sampled			01/22/88	04/20/88	07/18/88	07/14/88	07/21/88	10/02/86	12/05/86	10/15/86	09/25/86	10/15/86	09/29/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/09/88	04/26/88	08/10/88	07/25/88	08/11/88	10/14/86	12/18/86	10/27/86	10/10/86	10/27/86	10/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis													
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	3.3B	ND	1.3B
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-132	MW-132	MW-132	MW-136	MW-143	MW-1000	MW-1000	MW-1001	MW-1002	MW-1003	MW-1004
Date Sampled			01/22/88	04/20/88	07/18/88	07/14/88	07/21/88	10/02/86	12/05/86	10/15/86	09/25/86	10/15/86	09/29/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/09/88	04/26/88	08/10/88	07/25/88	08/11/88	10/14/86	12/18/86	10/27/86	10/10/86	10/27/86	10/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													FDA
Lab Analysis													
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1004	MW-1004	MW-1004	MW-1005	MW-1005	MW-1005	MW-1009	MW-1009	MW-1009	MW-1009	MW-1009
Date Sampled			09/29/86	01/20/88	07/22/88	09/25/86	09/25/86	04/16/87	10/09/86	10/09/86	01/18/88	01/18/88	07/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/09/86	02/02/88	08/10/88	10/09/86	10/09/86	05/01/87	10/21/86	10/21/86	01/28/88	01/28/88	08/11/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB			FDA	FDB	FDA			FDA	FDB	
Lab Analysis									LDA	LDB			
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	170	38	ND	6.2B(8.25)	5.7B(8.25)	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	6.9(8.25)	18	4.5B	8.7B	20B	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
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ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1004	MW-1004	MW-1004	MW-1005	MW-1005	MW-1005	MW-1009	MW-1009	MW-1009	MW-1009	MW-1009
Date Sampled			09/29/86	01/20/88	07/22/88	09/25/86	09/25/86	04/16/87	10/09/86	10/09/86	01/18/88	01/18/88	07/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/09/86	02/02/88	08/10/88	10/09/86	10/09/86	05/01/87	10/21/86	10/21/86	01/28/88	01/28/88	08/11/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB			FDA	FDB	FDA			FDA	FDB	
Lab Analysis									LDA	LDB			
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	3.6B	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1004	MW-1004	MW-1004	MW-1005	MW-1005	MW-1005	MW-1009	MW-1009	MW-1009	MW-1009	MW-1009
Date Sampled			09/29/86	01/20/88	07/22/88	09/25/86	09/25/86	04/16/87	10/09/86	10/09/86	01/18/88	01/18/88	07/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/09/86	02/02/88	08/10/88	10/09/86	10/09/86	05/01/87	10/21/86	10/21/86	01/28/88	01/28/88	08/11/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB			FDA	FDB	FDA			FDA	FDB	
Lab Analysis									LDA	LDB			
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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FDA = First field duplicate analysis
FDB = Second field duplicate analysis
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MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1010	MW-1011	MW-1012	MW-1012	MW-1013	MW-1013	MW-1014	MW-1015	MW-1016	MW-1017	MW-1018
Date Sampled			10/23/86	12/01/86	09/24/86	07/27/87	12/01/86	04/20/87	12/03/86	12/05/86	12/01/86	09/23/86	09/23/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/03/86	12/12/86	10/07/86	07/31/87	12/12/86	05/01/87	12/15/86	12/18/86	12/12/86	10/07/86	10/06/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA					
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	37	ND	ND	ND	3.9(8.25)	160B	ND	ND	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	3.7(8.25)	6(8.25)	8.1B	4.9(8.25)	8.3B	7.6(8.25)	ND	62	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well

FDA = First field duplicate analysis

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

B = Compound detected in laboratory blank - not edited

LOQ = Limit of quantitation

( ) = Data decision criterion (DDC). Indicates result below DDC.

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1010	MW-1011	MW-1012	MW-1012	MW-1013	MW-1013	MW-1014	MW-1015	MW-1016	MW-1017	MW-1018
Date Sampled			10/23/86	12/01/86	09/24/86	07/27/87	12/01/86	04/20/87	12/03/86	12/05/86	12/01/86	09/23/86	09/23/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/03/86	12/12/86	10/07/86	07/31/87	12/12/86	05/01/87	12/15/86	12/18/86	12/12/86	10/07/86	10/06/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA					
Lab Analysis													
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	2B	ND	ND	ND	1.8	ND	1.8	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1010	MW-1011	MW-1012	MW-1012	MW-1013	MW-1013	MW-1014	MW-1015	MW-1016	MW-1017	MW-1018
Date Sampled			10/23/86	12/01/86	09/24/86	07/27/87	12/01/86	04/20/87	12/03/86	12/05/86	12/01/86	09/23/86	09/23/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/03/86	12/12/86	10/07/86	07/31/87	12/12/86	05/01/87	12/15/86	12/18/86	12/12/86	10/07/86	10/06/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA					
Lab Analysis													
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1018	MW-1019	MW-1020	MW-1021	MW-1022	MW-1022	MW-1022	MW-1023	MW-1024	MW-1025	MW-1026
Date Sampled			10/08/87	09/24/86	12/01/86	11/07/86	11/07/86	10/20/87	10/20/87	11/04/86	11/04/86	11/03/86	11/05/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/20/87	10/07/86	12/12/86	11/19/86	11/19/86	11/10/87	11/24/87	11/18/86	11/18/86	11/18/86	11/18/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													LDA
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	17	ND	ND	ND	ND	ND	ND	ND	28B	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	7(8.25)	6.0(8.25)	ND	ND	ND	ND	3(8.25)	36	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1018	MW-1019	MW-1020	MW-1021	MW-1022	MW-1022	MW-1022	MW-1023	MW-1024	MW-1025	MW-1026
Date Sampled			10/08/87	09/24/86	12/01/86	11/07/86	11/07/86	10/20/87	10/20/87	11/04/86	11/04/86	11/03/86	11/05/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/20/87	10/07/86	12/12/86	11/19/86	11/19/86	11/10/87	11/24/87	11/18/86	11/18/86	11/18/86	11/18/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													LDA
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1018	MW-1019	MW-1020	MW-1021	MW-1022	MW-1022	MW-1022	MW-1023	MW-1024	MW-1025	MW-1026
Date Sampled			10/08/87	09/24/86	12/01/86	11/07/86	11/07/86	10/20/87	10/20/87	11/04/86	11/04/86	11/03/86	11/05/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/20/87	10/07/86	12/12/86	11/19/86	11/19/86	11/10/87	11/24/87	11/18/86	11/18/86	11/18/86	11/18/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													LDA
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1026	MW-1027	MW-1028	MW-1028	MW-1029	MW-1029	MW-1029	MW-1029	MW-1030	MW-1031	MW-1032
Date Sampled			11/05/86	11/25/86	10/14/87	10/14/87	11/11/86	11/11/86	01/18/88	01/19/88	11/11/86	11/18/86	11/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/19/86	12/09/8-	10/30/87	1/09/87	11/19/86	11/19/86	02/02/88	02/04/88	11/19/86	12/01/86	12/05/86
Lab			SAC	SAC	SAC	'S	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis			LDB						LDA	LDB			
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	13	4(8.25)	ND	ND	4(8.25)	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1026	MW-1027	MW-1028	MW-1028	MW-1029	MW-1029	MW-1029	MW-1029	MW-1030	MW-1031	MW-1032
Date Sampled			11/05/86	11/25/86	10/14/87	10/14/87	11/11/86	11/11/86	01/18/88	01/19/88	11/11/86	11/18/86	11/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/19/86	12/09/86	10/30/87	11/09/87	11/19/86	11/19/86	02/02/88	02/04/88	11/19/86	12/01/86	12/05/86
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis			LDB						LDA	LDB			
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1026	MW-1027	MW-1028	MW-1028	MW-1029	MW-1029	MW-1029	MW-1029	MW-1030	MW-1031	MW-1032
Date Sampled			11/05/86	11/25/86	10/14/87	10/14/87	11/11/86	11/11/86	01/18/88	01/19/88	11/11/86	11/18/86	11/19/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/19/86	12/09/86	10/30/87	11/09/87	11/19/86	11/19/86	02/02/88	02/04/88	11/19/86	12/01/86	12/05/86
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis			LDB						LDA	LDB			
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1033	MW-1034	MW-1035	MW-1036	MW-1037	MW-1037	MW-1038	MW-1038	MW-1038	MW-1039	MW-1039
Date Sampled			11/12/86	11/12/86	11/25/86	11/19/86	10/31/86	08/12/87	11/20/86	08/04/87	04/18/88	11/20/86	08/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/20/86	11/20/86	12/09/86	12/05/86	11/07/86	08/27/87	12/02/86	08/12/87	04/21/88	12/02/86	08/11/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	3(8.25)	ND	ND	3.1B	2.8B(8.25)	1.2B	ND	3.8B(8.25)	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	ND	1.2B	7.1B(8.25)	4.6B	ND	8.1B(8.25)	2.7B
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1033	MW-1034	MW-1035	MW-1036	MW-1037	MW-1037	MW-1038	MW-1038	MW-1038	MW-1039	MW-1039
Date Sampled			11/12/86	11/12/86	11/25/86	11/19/86	10/31/86	08/12/87	11/20/86	08/04/87	04/18/88	11/20/86	08/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/20/86	11/20/86	12/09/86	12/05/86	11/07/86	08/27/87	12/02/86	08/12/87	04/21/88	12/02/86	08/11/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	4.3	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1033	MW-1034	MW-1035	MW-1036	MW-1037	MW-1037	MW-1038	MW-1038	MW-1038	MW-1039	MW-1039
Date Sampled			11/12/86	11/12/86	11/25/86	11/19/86	10/31/86	08/12/87	11/20/86	08/04/87	04/18/88	11/20/86	08/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/20/86	11/20/86	12/09/86	12/05/86	11/07/86	08/27/87	12/02/86	08/12/87	04/21/88	12/02/86	08/11/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1040	MW-1041	MW-1042	MW-1043	OW-136	OW-142	OW-334	OW-335	OW-340	OW-340	OW-358
Date Sampled			11/17/86	11/14/86	11/21/86	11/21/86	10/17/86	10/30/86	07/09/86	07/23/86		07/08/86	10/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/25/86	11/24/86	12/09/86	12/09/86	10/27/86	11/18/86	07/30/86	07/29/86	07/30/86	07/30/86	10/24/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS	SAC
Field Analysis													
Lab Analysis											LDB	LDA	
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8B(8.3)
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND	ND	24B	ND	ND	ND	ND	ND	5.4B(8.3)
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1040	MW-1041	MW-1042	MW-1043	OW-136	OW-142	OW-334	OW-335	OW-340	OW-340	OW-358
Date Sampled			11/17/86	11/14/86	11/21/86	11/21/86	10/17/86	10/30/86	07/09/86	07/23/86		07/08/86	10/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/25/86	11/24/86	12/09/86	12/09/86	10/27/86	11/18/86	07/30/86	07/29/86	07/30/86	07/30/86	10/24/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS	SAC
Field Analysis													
Lab Analysis											LDB	LDA	
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1B
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.3B
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

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LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
NE = Not established

RADIAN CORPORATION

B 646

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1040	MW-1041	MW-1042	MW-1043	OW-136	OW-142	OW-334	OW-335	OW-340	OW-340	OW-358
Date Sampled			11/17/86	11/14/86	11/21/86	11/21/86	10/17/86	10/30/86	07/09/86	07/23/86		07/08/86	10/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/25/86	11/24/86	12/09/86	12/09/86	10/27/86	11/18/86	07/30/86	07/29/86	07/30/86	07/30/86	10/24/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	RAS	SAC
Field Analysis													
Lab Analysis											LDB	LDA	
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

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LDB = Second laboratory duplicate analysis
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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

B 647

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-544	OW-544	OW-810	OW-810	OW-810	OW-829	OW-829	OW-906	OW-906	OW-910	OW-924
Date Sampled			10/28/86	10/28/86	10/13/86	10/13/86	10/13/86	10/27/86	10/27/86	10/30/86	10/30/86	10/29/86	10/28/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/03/86	11/13/86	10/24/86	10/24/86	10/24/86	11/03/86	11/13/86	11/18/86	11/18/86	11/06/86	11/03/86
Lab			SAC	ELI	SAC	SAC	SAC	SAC	ELI	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDB						
Lab Analysis						LDA	LDB			LDA	LDB		
1,3-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	3.3B(8.3)	1.4B(8.3)	3.1B(8.3)	ND	ND	14	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	36B	5.9B(8.3)	28B	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
LOQ = Limit of quantitation
( ) = Data decision criterion (DDC). Indicates result below DDC.
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-544	OW-544	OW-810	OW-810	OW-810	OW-829	OW-829	OW-906	OW-906	OW-910	OW-924
Date Sampled			10/28/86	10/28/86	10/13/86	10/13/86	10/13/86	10/27/86	10/27/86	10/30/86	10/30/86	10/29/86	10/28/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/03/86	11/13/86	10/24/86	10/24/86	10/24/86	11/03/86	11/13/86	11/18/86	11/18/86	11/06/86	11/03/86
Lab			SAC	ELI	SAC	SAC	SAC	SAC	ELI	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDB						
Lab Analysis						LDA	LDB			LDA	LDB		
Isophorone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	NE	NE	ND	ND	1.2B	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-544	OW-544	OW-810	OW-810	OW-810	OW-829	OW-829	OW-906	OW-906	OW-910	OW-924
Date Sampled			10/28/86	10/28/86	10/13/86	10/13/86	10/13/86	10/27/86	10/27/86	10/30/86	10/30/86	10/29/86	10/28/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/03/86	11/13/86	10/24/86	10/24/86	10/24/86	11/03/86	11/13/86	11/18/86	11/18/86	11/06/86	11/03/86
Lab			SAC	ELI	SAC	SAC	SAC	SAC	ELI	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDB						
Lab Analysis						LDA	LDB			LDA	LDB		
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
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ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-92A	OW-92A	OW-123B
Date Sampled			10/28/86	10/28/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN
Date Analyzed			11/13/86	11/13/86	11/06/86
Lab			ELI	ELI	SAC
Field Analysis					
Lab Analysis			LDA	LDB	
1,3-Dichlorobenzene	130	NE	ND	ND	ND
1,2-Dichlorobenzene	130	NE	ND	ND	ND
1,4-Dichlorobenzene	NE	750	ND	ND	ND
Acenaphthene	NE	NE	ND	ND	ND
1,2,4-Trichlorobenzene	NE	NE	ND	ND	ND
Hexachlorobenzene	NE	NE	ND	ND	ND
Hexachloroethane	NE	NE	ND	ND	ND
Bis(2-chloroethyl)ether	NE	NE	ND	ND	ND
2-Chloronaphthalene	NE	NE	ND	ND	ND
3,3'-Dichlorobenzidine	NE	NE	ND	ND	ND
2,4-Dinitrotoluene	NE	NE	ND	ND	ND
2,6-Dinitrotoluene	NE	NE	ND	ND	ND
Fluoranthene	NE	NE	ND	ND	ND
4-Chlorophenyl phenylether	NE	NE	ND	ND	ND
N-nitrosodimethylamine	NE	NE	ND	ND	ND
N-nitrosodi-n-propylamine	NE	NE	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NE	NE	ND	ND	ND
Butylbenzyl phthalate	NE	NE	ND	ND	ND
Di-n-butyl phthalate	NE	NE	ND	ND	ND
Di-n-octyl phthalate	NE	NE	ND	ND	ND
Diethyl phthalate	NE	NE	ND	ND	ND
Dimethyl phthalate	NE	NE	ND	ND	ND
Benzo(a)anthracene	NE	NE	ND	ND	ND
Benzo(a)pyrene	NE	NE	ND	ND	ND
Benzo(k)fluoranthene	NE	NE	ND	ND	ND
Chrysene	NE	NE	ND	ND	ND
Acenaphthylene	NE	NE	ND	ND	ND
Anthracene	(LOQ)0.7	NE	ND	ND	ND
Bis(2-chloroethoxy)methane	NE	NE	ND	ND	ND
Hexachlorobutadiene	NE	NE	ND	ND	ND
Hexachlorocyclopentadiene	NE	NE	ND	ND	ND
Isophorone	NE	NE	ND	ND	ND
Naphthalene	NE	NE	ND	ND	ND

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-924	OW-924	OW-1238
Date Sampled			10/28/86	10/28/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN
Date Analyzed			11/13/86	11/13/86	11/06/86
Lab			ELI	ELI	SAC
Field Analysis					
Lab Analysis			LDA	LDB	
Nitrobenzene	NE	NE	ND	ND	ND
Phenanthrene	NE	NE	ND	ND	ND
Dibenzo(a,h)anthracene	NE	NE	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	ND	ND	ND
Pyrene	NE	NE	ND	ND	ND
2,4,6-Trichlorophenol	NE	NE	ND	ND	ND
2-Chlorophenol	NE	NE	ND	ND	ND
2,4-Dichlorophenol	NE	NE	ND	ND	ND
2,4-Dimethylphenol	400	NE	ND	ND	ND
2-Nitrophenol	NE	NE	ND	ND	ND
4-Nitrophenol	NE	NE	ND	ND	ND
2,4-Dinitrophenol	NE	NE	ND	ND	ND
Pentachlorophenol	30	NE	ND	ND	ND
Phenol	NE	NE	ND	ND	ND
N-nitrosodiphenylamine	NE	NE	ND	ND	ND
Benzidine	NE	NE	ND	ND	ND
4-Bromophenyl phenylether	NE	NE	ND	ND	ND
Bis(2-chloroisopropyl)ether	NE	NE	ND	ND	ND
Benzo(g,h,i)perylene	NE	NE	ND	ND	ND
Fluorene	NE	NE	ND	ND	ND
4-Chloro-3-methylphenol	NE	NE	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	NE	ND	ND	ND
Aniline	NE	NE	ND	ND	ND
Benzyl alcohol	NE	NE	ND	ND	ND
2-Methylphenol	NE	NE	ND	ND	ND
4-Methylphenol	NE	NE	ND	ND	ND
Benzoic acid	NE	NE	ND	ND	ND
4-Chloroaniline	NE	NE	ND	ND	ND
2-Methylnaphthalene	NE	NE	ND	ND	ND
2,4,5-Trichlorophenol	NE	NE	ND	ND	ND
2-Nitroaniline	NE	NE	ND	ND	ND
[illegible]	NE	NE	ND	ND	ND
Dibenzofuran	NE	NE	ND	ND	ND

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 625 ANALYTES (SEPTEMBER 1986 - PRESENT)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-924	OW-924	OW-1238
Date Sampled			10/28/86	10/28/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN
Date Analyzed			11/13/86	11/13/86	11/06/86
Lab			ELI	ELI	SAC
Field Analysis					
Lab Analysis			LDA	LDB	
4-Nitroaniline	NE	NE	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	ND	ND	ND

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

RADIAN
CORPORATION

RESULTS FOR METHOD 6010

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-1	BW-2	BW-8	BW-10	BW-10	BW-11	BW-12	BW-13	BW-13	BW-13	BW-17
Date Sampled			02/05/82	02/05/82	02/05/82	12/02/85	04/08/86	02/05/82	02/05/82	02/05/82	12/02/85	03/26/86	02/05/82
Sampled By			ES	ES	ES	RADIAN	RADIAN	ES	ES	ES	RADIAN	RADIAN	ES
Date Analyzed						12/06/85	04/10/86				12/06/85	04/08/86	
Lab			ES	ES	ES	AUS	AUS	ES	ES	ES	AUS	AUS	ES
Field Analysis													
Lab Analysis													
Antimony	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA	ND
Arsenic	NE	0.050	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND
Beryllium	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA	ND
Cadmium	NE	0.010	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.003	ND
Chromium	NE	0.050	0.055	ND	ND	0.010	0.023	ND	ND	ND	ND	0.014	ND
Copper	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA	ND
Lead	NE	0.050	ND	ND	ND	ND	0.005	ND	ND	ND	ND	0.009	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
Nickel	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	0.025	ND	ND	ND	ND	0.011	ND
Thallium	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA	ND
Zinc	NE	NE	0.028	0.0200	ND	NA	NA	0.0970	ND	ND	NA	NA	ND
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	18	19	NA	NA	NA	17	16	NA
Chloride	NE	NE	NA	NA	NA	24	18	NA	NA	NA	21	18	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	12	13	NA	NA	NA	11	11	NA
Sodium	NE	NE	NA	NA	NA	17	17	NA	NA	NA	15	13	NA
Sulfate	NE	NE	NA	NA	NA	18	8	NA	NA	NA	8	5	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	0.059	0.077	NA	NA	NA	0.055	0.055	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	110	100	NA	NA	NA	94	96	NA
Nitrate	NE	45	NA	NA	NA	1.2	1.2	NA	NA	NA	0.53	0.50	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	210	190	NA	NA	NA	190	150	NA

ALL UNITS ARE mg/l
BW = Base production well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
AUS = Radian Analytical Services, Austin

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-18	EW-18	EW-18	EW-18	EW-28	EW-29	EW-29	EW-29	EW-29	EW-73	EW-73
Date Sampled			02/05/82	12/02/85	12/02/85	04/08/86	02/05/82	02/05/82	12/02/85	03/27/86	03/27/86	10/24/87	04/06/88
Sampled By			ES	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				12/06/85	12/06/85	04/10/86			12/06/85	04/08/86	04/08/86		
Lab			ES	AUS	AUS	AUS	ES	ES	AUS	AUS	AUS	SAC	SAC
Field Analysis				FDA	FDB					FDA	FDB		
Lab Analysis													LDA
Antimony	NE	NE	ND	NA	NA	NA	ND	ND	NA	NA	NA	ND	ND
Arsenic	NE	0.050	ND	ND	ND	0.007	ND	ND	ND	ND	0.006	0.019	0.016
Beryllium	NE	NE	ND	NA	NA	NA	ND	ND	NA	NA	NA	ND	ND
Cadmium	NE	0.010	ND	ND	ND	0.003	ND	ND	ND	0.002	ND	ND	ND
Chromium	NE	0.050	ND	ND	ND	0.026	ND	ND	ND	0.011	0.013	ND	ND
Copper	NE	NE	ND	NA	NA	NA	ND	ND	NA	NA	NA	ND	0.016
Lead	NE	0.050	ND	ND	0.015	0.009	ND	ND	0.002	0.007	0.008	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NE	NE	ND	NA	NA	NA	ND	ND	NA	NA	NA	0.06	0.044
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	0.016	ND	ND	ND	0.006	0.009	ND	ND
Thallium	NE	NE	ND	NA	NA	NA	ND	ND	NA	NA	NA	ND	ND
Zinc	NE	NE	ND	NA	NA	NA	0.0480	ND	NA	NA	NA	0.03	0.029
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	19	17	16	NA	NA	16	17	17	NA	NA
Chloride	NE	NE	NA	21	21	33	NA	NA	26	25	24	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	11	11	12	NA	NA	9.7	11	11	NA	NA
Sodium	NE	NE	NA	14	14	14	NA	NA	23	25	24	NA	NA
Sulfate	NE	NE	NA	16	14	6	NA	NA	12	12	10	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	0.065	0.056	0.057	NA	NA	0.051	0.065	0.058	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

EW = Extraction Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

Analytical data for EW-63 and EW-69 appear under MW-63 and MW-69

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			EW-18	EW-18	EW-18	EW-18	EW-28	EW-29	EW-29	EW-29	EW-29	EW-73	EW-73
Date Sampled			02/05/82	12/02/85	12/02/85	04/08/86	02/05/82	02/05/82	12/02/85	03/27/86	03/27/86	10/24/87	04/06/88
Sampled By			ES	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				12/06/85	12/06/85	04/10/86			12/06/85	04/08/86	04/08/86		
Lab			ES	AUS	AUS	AUS	ES	ES	AUS	AUS	AUS	SAC	SAC
Field Analysis				FDA	FDB					FDA	FDB		
Lab Analysis													LDA
Total Alkalinity	NE	NE	NA	100	100	100	NA	NA	110	100	100	NA	NA
Nitrate	NE	45	NA	0.68	0.59	0.70	NA	NA	0.66	0.69	0.68	NA	NA
Total Dissolved Solids	NE	NE	NA	190	190	80	NA	NA	190	220	210	NA	NA

ALL UNITS ARE mg/l

EW = Extraction Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	TTS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-73	EW-83	EW-83	EW-84	EW-84	EW-85	EW-85	EW-86	EW-86	EW-87	EW-87
Date Sampled			04/06/88	10/24/87	04/06/88	10/24/87	04/06/88	10/24/87	04/06/88	10/24/87	04/06/88	10/24/87	10/24/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed													
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDB									LDA	LDB
Antimony	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	NE	0.050	ND	0.004	0.005	0.004	0.004	0.004	ND	0.004	0.004	0.005	0.004
Beryllium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	ND	0.01	0.012	ND	ND	0.01	0.011	0.01	0.013	0.02	0.02
Copper	NE	NE	0.025	ND	0.014	ND	0.006	ND	0.009	ND	0.031	ND	ND
Lead	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NE	NE	0.020	ND	ND	0.04	0.025	ND	ND	ND	ND	ND	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007
Thallium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	NE	NE	0.087	0.06	0.076	0.11	0.083	0.06	0.076	0.09	0.070	0.07	0.07
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
EW = Extraction Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-87	EW-137	EW-140	EW-141	MW-4	MW-4	MW-6	MW-6	MW-7	MW-7	MW-7
Date Sampled			04/07/88	10/14/88	10/14/88	10/14/88	04/28/82	10/02/84	03/30/82	10/01/84	03/17/82	03/29/82	09/21/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	ES	ES	RADIAN
Date Analyzed				10/28/88	10/28/88	10/28/88							
Lab			SAC	SAC	SAC	SAC	ES	RAS	ES	RAS	ES	ES	RAS
Field Analysis													
Lab Analysis													
Antimony	NE	NE	ND	ND	ND	ND	0.0160	NA	ND	NA	ND	ND	NA
Arsenic	NE	0.050	0.005	ND	ND	ND	ND	ND	ND	0.004	ND	ND	0.0035
Beryllium	NE	NE	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA
Cadmium	NE	0.010	ND	ND	ND	ND	0.0140	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	0.01	0.014	0.015	0.017	0.0800	ND	ND	ND	0.2100	0.0900	ND
Copper	NE	NE	0.01	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND
Lead	NE	0.050	ND	ND	ND	ND	ND	0.010	0.1090	0.011	0.0810	0.0230	0.020
Mercury	NE	0.002	ND	NA	NA	NA	0.7	ND	0.5	0.0004	0.5	0.5	ND
Nickel	NE	NE	ND	ND	ND	ND	0.0700	NA	0.0600	NA	0.1000	0.0500	NA
Selenium	NE	0.010	ND	ND	ND	ND	0.0160	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA
Zinc	NE	NE	0.04	0.003	0.003	0.007	0.1000	0.060	0.0280	0.019	0.2100	0.1500	0.018
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	36B	23B	35B	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	ND	0.010B	0.015B	NA	0.42	NA	0.38	NA	NA	0.99
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	29	18	27	NA	26	NA	15	NA	NA	13
Sodium	NE	NE	NA	24	18	23	NA	24	NA	18	NA	NA	18
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	0.060	0.045	0.060	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	0.15	0.08B	0.12	NA	0.16	NA	0.073	NA	NA	0.11
Cobalt	NE	NE	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	38	39	39	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	0.023	0.025	0.020	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-87	EW-137	EW-140	EW-141	MW-4	MW-4	MW-6	MW-6	MW-7	MW-7	MW-7
Date Sampled			04/07/88	10/14/88	10/14/88	10/14/88	04/28/82	10/02/84	03/30/82	10/01/84	03/17/82	03/29/82	09/21/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	ES	ES	RADIAN
Date Analyzed				10/28/88	10/28/88	10/28/88							
Lab			SAC	SAC	SAC	SAC	ES	RAS	ES	RAS	ES	ES	RAS
Field Analysis													
Lab Analysis													
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
EW = Extraction Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
NA = Not analyzed
NE = Not established

RADIAN CORPORATION

B 661

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-8	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10	MW-10	MW-11	MW-11	MW-11
Date Sampled			03/31/82	03/31/82	04/28/82	09/30/84	03/30/82	09/18/84	10/26/87	07/22/88	03/30/82	09/19/84	10/27/87
Sampled By			ES	ES	ES	RADIAN	ES	RADIAN	RADIAN	RADIAN	ES	RADIAN	RADIAN
Date Analyzed													
Lab			ES	ES	ES	RAS	ES	RAS	SAC	SAC	ES	RAS	SAC
Field Analysis													
Lab Analysis													
Antimony	NE	NE	0.0060	ND	ND	NA	0.0070	NA	ND	ND	ND	NA	ND
Arsenic	NE	0.050	ND	ND	ND	0.005	ND	0.002	ND	ND	ND	0.005	ND
Beryllium	NE	NE	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Cadmium	NE	0.010	0.013	ND	ND	ND	0.012	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	0.9200	ND	ND	0.026	0.1200	ND	ND	ND	0.0700	ND	ND
Copper	NE	NE	ND	ND	0.1200	0.068	ND	ND	0.008	ND	ND	ND	0.01
Lead	NE	0.050	0.9800	0.2900	ND	ND	0.0300	ND	ND	ND	0.0930	ND	ND
Mercury	NE	0.002	0.6	0.6	ND	ND	0.001	ND	ND	ND	0.0021	ND	ND
Nickel	NE	NE	0.0800	ND	ND	NA	ND	NA	0.13	0.11	0.0500	NA	ND
Selenium	NE	0.010	0.0270	ND	ND	ND	ND	ND	ND	ND	0.0490	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Zinc	NE	NE	0.9600	0.1500	0.0500	0.86	0.0730	ND	ND	0.082	0.0360	ND	0.26
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	6.4	NA	0.35	NA	NA	NA	0.43	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	20	NA	67	NA	NA	NA	130	NA
Sodium	NE	NE	NA	NA	NA	23	NA	33	NA	NA	NA	52	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	0.49	NA	0.31	NA	NA	NA	0.68	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

RADIAN CORPORATION

B 662

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-8	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10	MW-10	MW-11	MW-11	MW-11
Date Sampled			03/31/82	03/31/82	04/28/82	09/30/84	03/30/82	09/18/84	10/26/87	07/22/88	03/30/82	09/19/84	10/27/87
Sampled By			ES	ES	ES	RADIAN	ES	RADIAN	RADIAN	RADIAN	ES	RADIAN	RADIAN
Date Analyzed													
Lab			ES	ES	ES	RAS	ES	RAS	SAC	SAC	ES	RAS	SAC
Field Analysis													
Lab Analysis													
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-11	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-13	MW-14	MW-14	MW-14
Date Sampled			07/25/88	04/29/82	09/20/84	10/23/87	04/07/88	07/26/88	07/26/88	03/30/82	03/30/82	09/20/84	10/26/87
Sampled By			RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	RADIAN
Date Analyzed													
Lab			SAC	ES	RAS	SAC	SAC	SAC	SAC	ES	ES	RAS	SAC
Field Analysis													
Lab Analysis								LDA	LDB				
Antimony	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND
Arsenic	NE	0.050	ND	ND	0.0053	0.005	0.004	ND	ND	ND	ND	0.0083	0.004
Beryllium	NE	NE	ND	ND	NA	0.002	ND	ND	ND	ND	ND	NA	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	0.0100	ND	ND	ND
Chromium	NE	0.050	ND	ND	ND	0.08	0.01	0.012	0.021	ND	0.0900	ND	ND
Copper	NE	NE	0.012	ND	ND	0.09	0.01	ND	ND	ND	ND	ND	0.01
Lead	NE	0.050	ND	ND	0.012	0.06	ND	ND	ND	0.0220	0.0570	0.014	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	0.001	0.0011	ND	ND
Nickel	NE	NE	ND	ND	NA	0.10	ND	ND	ND	ND	0.0500	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND
Zinc	NE	NE	0.060	0.0700	0.014	1.3	0.02	0.004	0.007	0.0200	0.0200	0.012	0.48
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	0.34	NA	NA	NA	NA	NA	NA	1.5	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	12	NA	NA	NA	NA	NA	NA	58	NA
Sodium	NE	NE	NA	NA	20	NA	NA	NA	NA	NA	NA	35	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	0.081	NA	NA	NA	NA	NA	NA	0.37	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-11	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-13	MW-14	MW-14	MW-14
Date Sampled			07/25/88	04/29/82	09/20/84	10/23/87	04/07/88	07/26/88	07/26/88	03/30/82	03/30/82	09/20/84	10/26/87
Sampled By			RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	RADIAN
Date Analyzed Lab			SAC	ES	RAS	SAC	SAC	SAC	SAC	ES	ES	RAS	SAC
Field Analysis													
Lab Analysis								LDA	LDB				
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-14	MW-14	MW-15	MW-15	MW-15	MW-16D	MW-16D	MW-16S	MW-17D	MW-17D	MW-17S
Date Sampled			07/22/88	07/22/88	04/29/82	09/18/84	10/26/87	06/16/82	09/24/84	06/16/82	06/16/82	09/26/84	06/16/82
Sampled By			RADIAN	RADIAN	ES	RADIAN	RADIAN	ES	RADIAN	ES	ES	RADIAN	ES
Date Analyzed													
Lab			SAC	SAC	ES	RAS	SAC	ES	RAS	ES	ES	RAS	ES
Field Analysis													
Lab Analysis			LDA	LDB									
Antimony	NE	NE	ND	ND	0.0060	NA	ND	ND	NA	0.0080	ND	NA	0.0110
Arsenic	NE	0.050	ND	ND	ND	ND	0.006	ND	0.0079	ND	ND	0.0029	ND
Beryllium	NE	NE	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND
Cadmium	NE	0.010	ND	ND	0.0120	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead	NE	0.050	ND	ND	ND	ND	ND	ND	0.0065	ND	ND	0.012	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	0.0027	0.9	ND	0.0012
Nickel	NE	NE	ND	ND	0.0700	NA	ND	ND	NA	ND	ND	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	ND
Zinc	NE	NE	0.005	0.005	ND	0.074	0.75	ND	ND	ND	ND	0.007	ND
Fluoride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	1.4	NA	NA	0.18	NA	NA	0.24	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	69	NA	NA	9.5	NA	NA	9.3	NA
Sodium	NE	NE	NA	NA	NA	34	NA	NA	20	NA	NA	22	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	0.62	NA	NA	0.062	NA	NA	0.073	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

MW = Monitoring well
LDA = First Laboratory duplicate analysis
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ES = Engineering Science, Inc
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-14	MW-14	MW-15	MW-15	MW-15	MW-16D	MW-16D	MW-16S	MW-17D	MW-17D	MW-17S
Date Sampled			07/22/88	07/22/88	04/29/82	09/18/84	10/26/87	06/16/82	09/24/84	06/16/82	06/16/82	09/26/84	06/16/82
Sampled By			RADIAN	RADIAN	ES	RADIAN	RADIAN	ES	RADIAN	ES	ES	RADIAN	ES
Date Analyzed													
Lab			SAC	SAC	ES	RAS	SAC	ES	RAS	ES	ES	RAS	ES
Field Analysis													
Lab Analysis			LDA	LDB									
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

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RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-17S	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18S	MW-18S	MW-19D	MW-19D	MW-19D
Date Sampled			09/13/84	06/15/82	09/25/84	03/28/86	09/25/86	04/27/88	06/15/82	09/29/84	04/29/82	09/13/84	10/26/87
Sampled By			RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN
Date Analyzed						04/08/86							
Lab			RAS	ES	RAS	AUS	RAS	SAC	ES	RAS	ES	RAS	SAC
Field Analysis					FDB		FDA						
Lab Analysis													
Antimony	NE	NE	NA	ND	NA	NA	NA	ND	ND	NA	ND	NA	ND
Arsenic	NE	0.050	ND	ND	0.0048	0.007	0.0045	ND	ND	ND	ND	0.004	0.006
Beryllium	NE	NE	NA	ND	NA	NA	NA	ND	ND	NA	ND	NA	ND
Cadmium	NE	0.010	ND	0.0900	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	ND	ND	ND	0.013	ND	0.012	ND	0.24	ND	ND	0.03
Copper	NE	NE	0.14	ND	0.044	NA	0.028	ND	ND	0.050	ND	ND	ND
Lead	NE	0.050	ND	ND	0.025	0.007	0.022	ND	ND	0.034	ND	ND	ND
Mercury	NE	0.002	ND	0.0014	ND	ND	ND	ND	0.0016	ND	0.0130	ND	ND
Nickel	NE	NE	NA	ND	NA	NA	NA	ND	ND	NA	ND	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	0.008	ND	ND	ND	0.007	ND	ND	ND
Thallium	NE	NE	NA	ND	NA	NA	NA	ND	ND	NA	ND	NA	ND
Zinc	NE	NE	0.16	ND	0.015	NA	0.009	ND	ND	0.059	0.1300	0.012	0.07
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	16	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	15	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	10	NA	0.65	NA	0.42	NA	NA	8.9	NA	0.17	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	54	NA	18	10	13	NA	NA	25	NA	11	NA
Sodium	NE	NE	71	NA	33	19	33	NA	NA	29	NA	17	NA
Sulfate	NE	NE	NA	NA	NA	11	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.26	NA	0.082	0.14	0.076	NA	NA	0.38	NA	0.055	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			MW-17S	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D	MW-18S	MW-18S	MW-19D	MW-19D	MW-19D
Date Sampled			09/13/84	06/15/82	09/25/84	03/28/86	09/25/86	04/27/88	06/15/82	09/29/84	04/29/82	09/13/84	10/26/87
Sampled By			RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN
Date Analyzed						04/08/86							
Lab			RAS	ES	RAS	AUS	RAS	SAC	ES	RAS	ES	RAS	SAC
Field Analysis					FDB		FDA						
Lab Analysis													
Total Alkalinity	NE	NE	NA	NA	NA	96	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	NA	1.1	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	200	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19S	MW-19S	MW-19S	MW-20D	MW-20D	MW-20D	MW-20S	MW-20S	MW-21D	MW-21D	MW-21D
Date Sampled			04/28/82	09/14/84	03/13/86	04/28/82	09/19/84	01/29/87	05/25/82	09/30/84	06/15/82	09/17/84	09/17/84
Sampled By			ES	RADIAN	RADIAN	ES	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN
Date Analyzed					03/31/86			02/27/87					
Lab			ES	RAS	AUS	ES	RAS	SAC	ES	RAS	ES	RAS	RAS
Field Analysis												FDA	FDB
Lab Analysis													
Antimony	NE	NE	0.0600	NA	NA	ND	NA	ND	0.0260	NA	ND	NA	NA
Arsenic	NE	0.050	0.6600	0.002	ND	ND	0.004	ND	0.2400	0.006	0.0500	ND	ND
Beryllium	NE	NE	ND	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA
Cadmium	NE	0.010	0.4500	ND	ND	ND	ND	ND	0.0200	ND	ND	0.019	0.020
Chromium	NE	0.050	4.1700	ND	0.017	ND	ND	0.022	ND	0.011	ND	0.029	0.038
Copper	NE	NE	1.1800	ND	NA	ND	ND	ND	ND	0.077	ND	0.024	0.043
Lead	NE	0.050	0.0800	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	NE	0.002	0.0016	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND
Nickel	NE	NE	1.3300	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA
Selenium	NE	0.010	0.3550	ND	ND	ND	ND	ND	0.0740	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	0.006	ND	ND	ND	ND	ND	ND	0.006	0.015
Thallium	NE	NE	ND	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA
Zinc	NE	NE	1.7500	ND	NA	ND	ND	ND	ND	0.078	ND	0.011	ND
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	28	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	2.0	NA	NA	0.17	NA	NA	6.1	NA	0.14	0.17
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	19	15	NA	13	NA	NA	39	NA	13	13
Sodium	NE	NE	NA	31	25	NA	17	NA	NA	32	NA	18	19
Sulfate	NE	NE	NA	NA	26	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	0.22	0.19	NA	0.088	NA	NA	0.36	NA	0.056	0.070
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19S	MW-19S	MW-19S	MW-20D	MW-20D	MW-20D	MW-20S	MW-20S	MW-21D	MW-21D	MW-21D
Date Sampled			04/28/82	09/14/84	03/13/86	04/28/82	09/19/84	01/29/87	05/25/82	09/30/84	06/15/82	09/17/84	09/17/84
Sampled By			ES	RADIAN	RADIAN	ES	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN
Date Analyzed					03/31/86			02/27/87					
Lab			ES	RAS	AUS	ES	RAS	SAC	ES	RAS	ES	RAS	RAS
Field Analysis												FDA	FDB
Lab Analysis													
Total Alkalinity	NE	NE	NA	NA	120	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	0.13	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	320	NA	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S
Date Sampled			03/19/86	04/13/88	04/13/88	04/13/88	07/18/88	10/18/88	06/24/82	09/17/84	03/19/86	01/25/88	01/25/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/08/86					10/31/88			04/08/86		
Lab			AUS	SAC	SAC	SAC	SAC	SAC	ES	RAS	AUS	SAC	CES
Field Analysis				FDA	FDB	FDB							
Lab Analysis					LDA	LDB							
Antimony	NE	NE	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND
Arsenic	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND
Beryllium	NE	NE	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND
Cadmium	NE	0.010	0.003	ND	ND	ND	ND	ND	ND	0.12	0.002	ND	ND
Chromium	NE	0.050	0.007	0.013	0.012	0.010	0.013	0.012	ND	0.43	0.020	0.02	0.024
Copper	NE	NE	NA	0.007	ND	ND	ND	ND	ND	0.35	NA	0.04	ND
Lead	NE	0.050	0.019	ND	ND	ND	ND	ND	ND	ND	0.020	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	NA	0.0014	ND	ND	ND	ND
Nickel	NE	NE	NA	0.020	0.021	0.020	ND	0.020	ND	NA	NA	0.09	0.09
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND
Thallium	NE	NE	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND
Zinc	NE	NE	NA	0.01	0.007	0.006	ND	0.006	ND	0.25	NA	ND	ND
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Calcium	NE	NE	14	NA	NA	NA	NA	15B	NA	NA	17	NA	ND
Chloride	NE	NE	18	NA	NA	NA	NA	NA	NA	NA	18	NA	ND
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Iron	NE	NE	NA	NA	NA	NA	NA	0.021	NA	4.0	NA	NA	ND
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Magnesium	NE	NE	10	NA	NA	NA	NA	10B	NA	47	10	NA	ND
Sodium	NE	NE	16	NA	NA	NA	NA	16	NA	24	18	NA	ND
Sulfate	NE	NE	7	NA	NA	NA	NA	NA	NA	NA	7	NA	ND
Aluminum	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	0.033	NA	NA	NA	NA	NA
Barium	NE	1.0	0.067	NA	NA	NA	NA	0.048	NA	1.5	0.075	NA	ND
Cobalt	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND
Molybdenum	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	NA

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LDB = Second laboratory duplicate analysis

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CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

RADIAN CORPORATION

B 672

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S
Date Sampled			03/19/86	04/13/88	04/13/88	04/13/88	07/18/88	10/18/88	06/24/82	09/17/84	03/19/86	01/25/88	01/25/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/08/86					10/31/88			04/08/86		
Lab			AUS	SAC	SAC	SAC	SAC	SAC	ES	RAS	AUS	SAC	CES
Field Analysis				FDA	FDB	FDB							
Lab Analysis					LDA	LDB							
Vanadium	NE	NE	NA	NA	NA	NA	NA	0.028	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	100	NA	NA	NA	NA	NA	NA	NA	91	NA	ND
Nitrate	NE	45	0.72	NA	NA	NA	NA	NA	NA	NA	2.6	NA	ND
Total Dissolved Solids	NE	NE	180	NA	NA	NA	NA	NA	NA	NA	220	NA	ND

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-21S	MW-21S	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22S	MW-22S	MW-23D
Date Sampled			04/13/88	07/26/88	04/28/82	09/20/84	09/20/84	01/23/87	07/14/88	10/17/88	06/04/82	09/21/84	04/28/82
Sampled By			RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES
Date Analyzed								02/27/87		10/31/88			
Lab			SAC	SAC	ES	RAS	RAS	SAC	SAC	SAC	ES	RAS	ES
Field Analysis							FDB						
Lab Analysis													
Antimony	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND
Arsenic	NE	0.050	ND	ND	ND	0.0048	0.0045	ND	ND	ND	ND	0.0067	ND
Beryllium	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	0.0300	ND	ND
Chromium	NE	0.050	0.009	ND	0.8400	ND	ND	0.020	0.014	0.011	ND	0.097	ND
Copper	NE	NE	ND	ND	ND	ND	ND	0.057	ND	ND	ND	ND	ND
Lead	NE	0.050	ND	ND	ND	0.015	0.0067	ND	ND	ND	ND	0.020	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.001
Nickel	NE	NE	0.044	1.7	ND	NA	NA	ND	ND	ND	ND	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND
Zinc	NE	NE	0.006	0.018	0.1600	0.026	0.005	0.007	0.003	0.004	ND	0.015	ND
Fluorens	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	13B	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	0.72	0.34	NA	NA	0.011	NA	5.2	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	15	14	NA	NA	9.3B	NA	18	NA
Sodium	NE	NE	NA	NA	NA	20	18	NA	NA	250	NA	26	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.019	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	0.11	0.087	NA	NA	0.047	NA	0.14	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	32	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.026	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

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RAS = Radian Analytical Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21S	MW-21S	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22S	MW-22S	MW-23D
Date Sampled			04/13/88	07/26/88	04/28/82	09/20/84	09/20/84	01/23/87	07/14/88	10/17/88	06/04/82	09/21/84	04/28/82
Sampled By			RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES
Date Analyzed								02/27/87		10/31/88			
Lab			SAC	SAC	ES	RAS	RAS	SAC	SAC	SAC	ES	RAS	ES
Field Analysis							FDB						
Lab Analysis													
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23S	MW-23S	MW-24D	MW-24D	MW-24D	MW-24S
Date Sampled			09/26/84	03/17/86	03/17/86	04/21/88	04/21/88	04/28/82	09/29/84	04/28/82	09/27/84	03/20/86	04/28/82
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN	ES
Date Analyzed				04/04/86	04/04/86							04/08/86	
Lab			RAS	AUS	AUS	SAC	CES	ES	RAS	ES	RAS	AUS	ES
Field Analysis				FDA	FDB								
Lab Analysis													
Antimony	NE	NE	NA	NA	NA	ND	ND	0.0250	NA	ND	NA	NA	0.0080
Arsenic	NE	0.050	0.0028	0.007	0.006	ND	ND	0.3000	ND	ND	0.003	0.005	ND
Beryllium	NE	NE	NA	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND
Cadmium	NE	0.010	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	ND	ND	0.031	0.01	0.017	1.0400	2.2	ND	0.007	0.007	ND
Copper	NE	NE	ND	NA	NA	0.009	ND	0.3300	0.056	ND	0.014	NA	ND
Lead	NE	0.050	0.021	0.005	0.005	ND	ND	0.0260	0.030	ND	0.025	0.004	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	0.9	0.0005	0.8	0.0005	ND	0.0016
Nickel	NE	NE	NA	NA	NA	ND	ND	0.4100	NA	ND	NA	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	0.0570	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	0.006	ND	0.011	0.005	ND
Thallium	NE	NE	NA	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND
Zinc	NE	NE	0.035	NA	NA	0.022	ND	ND	0.72	0.1400	0.036	NA	0.0400
Fluorure	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	13	12	NA	NA	NA	NA	NA	NA	16	NA
Chloride	NE	NE	NA	12	12	NA	NA	NA	NA	NA	NA	10	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	0.60	NA	NA	NA	NA	NA	13	NA	0.94	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	12	9.3	8.9	NA	NA	NA	23	NA	14	11	NA
Sodium	NE	NE	16	14	13	NA	NA	NA	26	NA	17	15	NA
Sulfate	NE	NE	NA	11	6	NA	NA	NA	NA	NA	NA	5	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.074	0.039	0.036	NA	NA	NA	0.52	NA	0.11	0.088	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23S	MW-23S	MW-24D	MW-24D	MW-24D	MW-24S
Date Sampled			09/26/84	03/17/86	03/17/86	04/21/88	04/21/88	04/28/82	09/29/84	04/28/82	09/27/84	03/20/86	04/28/82
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN	ES
Date Analyzed				04/04/86	04/04/86								
Lab			RAS	AUS	AUS	SAC	CES	ES	RAS	ES	RAS	04/08/86 AUS	ES
Field Analysis				FDA	FDB								
Lab Analysis													
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	88	90	NA	NA	NA	NA	NA	NA	110	NA
Nitrate	NE	45	NA	0.74	0.87	NA	NA	NA	NA	NA	NA	0.42	NA
Total Dissolved Solids	NE	NE	NA	140	140	NA	NA	NA	NA	NA	NA	52	NA

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RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-2AS	MW-25D	MW-25D	MW-25S	MW-25S	MW-26D	MW-26D	MW-26S	MW-26S	MW-26S	MW-27D
Date Sampled			09/12/84	06/15/82	09/25/84	06/15/82	09/29/84	04/28/82	09/27/84	04/28/82	06/16/82	09/29/84	04/28/82
Sampled By			RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	ES	ES	RADIAN	ES
Date Analyzed													
Lab			RAS	ES	RAS	ES	RAS	ES	RAS	ES	ES	RAS	ES
Field Analysis													
Lab Analysis													
Antimony	NE	NE	NA	ND	NA	ND	NA	ND	NA	0.1500	ND	NA	0.0050
Arsenic	NE	0.050	ND	ND	0.0025	ND	ND	ND	0.002	1.0000	ND	0.003	ND
Beryllium	NE	NE	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	0.1320	ND	ND	0.0230
Chromium	NE	0.050	0.087	0.0600	ND	ND	0.12	ND	0.008	0.5100	ND	0.12	ND
Copper	NE	NE	0.059	ND	ND	ND	0.14	ND	0.009	1.0900	ND	0.046	0.1300
Lead	NE	0.050	ND	ND	0.018	ND	ND	ND	0.015	0.0680	ND	0.037	ND
Mercury	NE	0.002	ND	ND	ND	ND	0.0004	ND	0.0005	0.5	ND	0.0005	ND
Nickel	NE	NE	NA	ND	NA	ND	NA	ND	NA	2.8900	ND	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	0.2440	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	0.008	ND	ND	0.007	ND
Thallium	NE	NE	NA	ND	NA	ND	NA	ND	NA	ND	ND	NA	ND
Zinc	NE	NE	0.13	0.0240	0.017	0.0320	0.14	0.0500	0.019	5.9000	ND	0.090	0.3200
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	3.9	NA	0.39	NA	8.5	NA	0.71	NA	NA	4.7	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	39	NA	15	NA	32	NA	11	NA	NA	25	NA
Sodium	NE	NE	32	NA	20	NA	25	NA	15	NA	NA	31	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	1.1	NA	0.081	NA	0.60	NA	0.070	NA	NA	0.39	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27D	MW-27D	MW-27D	MW-27S	MW-27S	MW-28D	MW-28D	MW-2xD	MW-28S	MW-29D
Date Sampled			10/01/84	10/01/84	01/26/88	01/26/88	06/16/82	09/12/84	06/16/82	09/26/84	01/27/88	06/16/82	04/28/82
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN	ES	ES
Date Analyzed													
Lab			RAS	RAS	SAC	CES	ES	RAS	ES	RAS	SAC	ES	ES
Field Analysis			FDA	FDB									
Lab Analysis													
Antimony	NE	NE	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND
Arsenic	NE	0.050	0.003	0.004	ND	ND	ND	0.002	ND	0.0022	ND	ND	ND
Beryllium	NE	NE	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	0.009	0.003	ND	ND	ND	ND	ND	ND	0.02	ND	ND
Copper	NE	NE	0.009	ND	ND	ND	ND	ND	ND	0.040	ND	ND	ND
Lead	NE	0.050	0.018	0.025	ND	ND	ND	ND	ND	0.017	ND	ND	ND
Mercury	NE	0.002	0.0003	0.005	ND	ND	0.0017	ND	0.0039	ND	ND	ND	ND
Nickel	NE	NE	NA	NA	0.02	ND	ND	NA	ND	NA	ND	ND	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND
Zinc	NE	NE	0.035	0.025	0.17	0.151	ND	ND	0.1400	0.008	0.25B	0.0520	0.0700
Fluorene	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	0.59	0.40	NA	ND	NA	2.4	NA	0.36	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	11	11	NA	ND	NA	40	NA	9.2	NA	NA	NA
Sodium	NE	NE	24	23	NA	ND	NA	28	NA	13	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.078	0.067	NA	ND	NA	0.29	NA	0.061	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27D	MW-27D	MW-27D	MW-27S	MW-27S	MW-28D	MW-28D	MW-28D	MW-28S	MW-29D
Date Sampled			10/01/84	10/01/84	01/26/88	01/26/88	06/16/82	09/12/84	06/16/82	09/26/84	01/27/88	06/16/82	04/28/82
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN	ES	ES
Date Analyzed													
Lab			RAS	RAS	SAC	CES	ES	RAS	ES	RAS	SAC	ES	ES
Field Analysis			FDA	FDB									
Lab Analysis													
Total Alkalinity	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29S	MW-30S	MW-30S
Date Sampled			10/01/84	10/01/84	04/03/86	04/03/86	08/12/87	04/12/88	07/12/88	10/13/88	04/28/82	06/16/82	09/18/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN
Date Analyzed					04/10/86	04/10/86	09/01/87			10/28/88			
Lab			RAS	RAS	AUS	AUS	SAC	SAC	SAC	SAC	ES	ES	RAS
Field Analysis			FDA	FDB	FDA	FDB							
Lab Analysis													
Antimony	NE	NE	NA	NA	NA	NA	ND	ND	ND	ND	0.0410	ND	NA
Arsenic	NE	0.050	0.003	0.003	ND	ND	ND	ND	ND	ND	0.5500	ND	ND
Beryllium	NE	NE	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	NA
Cadmium	NE	0.010	ND	ND	ND	ND	0.009	ND	ND	ND	0.0800	ND	ND
Chromium	NE	0.050	0.012	0.008	0.009	0.008	0.01	0.010	0.009	0.012	0.2400	ND	0.15
Copper	NE	NE	0.020	0.016	NA	NA	0.05	ND	ND	ND	0.5900	ND	0.090
Lead	NE	0.050	0.049	0.045	0.005	0.009	0.005	ND	ND	ND	0.0220	ND	ND
Mercury	NE	0.002	0.0005	0.0006	0.0004	ND	ND	ND	ND	NA	0.0021	0.0016	ND
Nickel	NE	NE	NA	NA	NA	NA	0.04	0.047	0.042	0.053	2.1300	ND	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	0.1050	ND	ND
Silver	NE	0.050	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	NA
Zinc	NE	NE	0.055	0.048	NA	NA	0.02	0.038	0.003	0.004	ND	ND	0.024
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	14	14	NA	NA	NA	15B	NA	NA	NA
Chloride	NE	NE	NA	NA	14	14	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	3.1	2.4	NA	NA	NA	NA	NA	0.027B	NA	NA	6.7
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	13	13	9.1	9.6	NA	NA	NA	11	NA	NA	17
Sodium	NE	NE	17	17	13	14	NA	NA	NA	15	NA	NA	16
Sulfate	NE	NE	NA	NA	6	7	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.027	NA	NA	NA
Barium	NE	1.0	0.14	0.13	0.043	0.040	NA	NA	NA	0.042	NA	NA	0.36
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.014	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	39	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.025	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29S	MW-30S	MW-30S
Date Sampled			10/01/84	10/01/84	04/03/86	04/03/86	08/12/87	04/12/88	07/12/88	10/13/88	04/28/82	06/16/82	09/18/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN
Date Analyzed					04/10/86	04/10/86	09/01/87			10/28/88			
Lab			RAS	RAS	AUS	AUS	SAC	SAC	SAC	SAC	ES	ES	RAS
Field Analysis			FDA	FDB	FDA	FDB							
Lab Analysis													
Total Alkalinity	NE	NE	NA	NA	100	100	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	0.59	0.59	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	140	140	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-31S	MW-31S	MW-31S	MW-31S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S
Date Sampled			06/15/82	09/25/84	03/28/86	04/13/88	09/29/82	09/18/84	01/29/87	01/29/87	04/16/87	07/31/87	10/26/87
Sampled By			ES	RADIAN	RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed					04/08/86				02/27/87	02/27/87	06/01/87	08/31/87	
Lab			ES	RAS	AUS	SAC	ES	RAS	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Antimony	NE	NE	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND
Arsenic	NE	0.050	ND	0.0052	0.008	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium	NE	NE	ND	NA	NA	ND	ND	NA	0.0004	0.0004	ND	ND	ND
Cadmium	NE	0.010	ND	ND	0.003	ND	ND	ND	ND	ND	0.01	ND	ND
Chromium	NE	0.050	ND	ND	0.061	ND	ND	ND	0.017	0.016	ND	0.007	ND
Copper	NE	NE	ND	0.024	NA	ND	ND	ND	ND	ND	0.009	ND	ND
Lead	NE	0.050	ND	0.0071	0.011	ND	0.0180	ND	ND	ND	ND	ND	ND
Mercury	NE	0.002	0.0017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NE	NE	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	0.007	ND	ND	ND	ND	ND	0.01	0.011	ND
Thallium	NE	NE	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND
Zinc	NE	NE	ND	0.016	NA	0.007	ND	0.089	ND	ND	ND	0.021	ND
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	22	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	1.3	NA	NA	NA	1.6	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	13	8.5	NA	NA	42	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	17	14	NA	NA	31	NA	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	8	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	0.075	0.088	NA	NA	0.25	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

ES = Engineering Science, Inc.

AUS = Radian Analytical Services, Austin

RAS = Radian Analytical Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-31S	MW-31S	MW-31S	MW-31S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S
Date Sampled			06/15/82	09/25/84	03/28/86	04/13/88	09/29/82	09/18/84	01/29/87	01/29/87	04/16/87	07/31/87	10/26/87
Sampled By			ES	RADIAN	RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed					04/08/86				02/27/87	02/27/87	06/01/87	08/31/87	
Lab			ES	RAS	AUS	SAC	ES	RAS	SAC	SAC	SAC	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Total Alkalinity	NE	NE	NA	NA	100	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE.	45	NA	NA	1.3	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	170	NA	NA	NA	NA	NA	NA	NA	NA

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RADIAN CORPORATION

B 684

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-37	MW-38D	MW-38D
Date Sampled			01/08/88	09/29/82	03/31/86	09/17/86	04/16/87	04/16/87	07/11/88	10/25/88	09/28/82	09/27/82	09/14/86
Sampled By			RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN
Date Analyzed					04/10/86		06/01/87	06/01/87		11/01/88			
Lab			SAC	ES	AUS	RAS	SAC	SAC	SAC	SAC	ES	ES	RAS
Field Analysis													
Lab Analysis								LDB					
Antimony	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA
Arsenic	NE	0.050	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	0.004
Beryllium	NE	NE	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA
Cadmium	NE	0.010	ND	ND	ND	0.041	0.03	0.01	ND	ND	ND	ND	ND
Chromium	NE	0.050	ND	ND	ND	0.030	ND	ND	ND	ND	ND	ND	ND
Copper	NE	NE	ND	ND	NA	0.097	0.01	ND	ND	ND	ND	ND	ND
Lead	NE	0.050	ND	0.0190	0.010	ND	ND	ND	ND	ND	0.0100	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND
Nickel	NE	NE	ND	ND	NA	NA	ND	ND	ND	0.79	ND	ND	NA
Selenium	NE	0.010	ND	0.0100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	0.012	0.01	0.01	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	NA	NA	0.05	ND	ND	ND	ND	ND	NA
Zinc	NE	NE	ND	ND	NA	0.18	ND	ND	0.004	0.084	ND	0.0900	0.049
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	22	NA	NA	NA	NA	26	NA	NA	NA
Chloride	NE	NE	NA	NA	14	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	2.0	NA	NA	NA	0.37B	NA	NA	2.9
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	14	35	NA	NA	NA	20	NA	NA	68
Sodium	NE	NE	NA	NA	29	38	NA	NA	NA	31	NA	NA	49
Sulfate	NE	NE	NA	NA	16	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.072	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.056	NA	NA	NA
Barium	NE	1.0	NA	NA	0.10	1.0	NA	NA	NA	0.35	NA	NA	0.75
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.018	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	1.5	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	35	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA

ALL UNITS ARE mg/l
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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-37	MW-38D	MW-38D
Date Sampled			01/08/88	09/29/82	03/31/86	09/17/86	04/16/87	04/16/87	07/11/88	10/25/88	09/28/82	09/27/82	09/14/86
Sampled By			RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN
Date Analyzed					04/10/86		06/01/87	06/01/87		11/01/88			
Lab			SAC	ES	AUS	RAS	SAC	SAC	SAC	SAC	ES	ES	RAS
Field Analysis													
Lab Analysis								LDB					
Total Alkalinity	NE	NE	NA	NA	140	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	1.9	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	230	NA	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-40S	MW-40S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-42S	MW-42S	MW-43S	MW-43S
Date Sampled			09/29/82	09/30/84		09/14/82	09/24/84	03/13/86	01/26/88	09/27/82	09/28/84	09/14/82	09/13/84
Sampled By			ES	RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN
Date Analyzed								03/31/86					
Lab			ES	RAS	CES	ES	RAS	AUS	SAC	ES	RAS	ES	RAS
Field Analysis													
Lab Analysis													
Antimony	NE	NE	ND	NA	ND	ND	NA	NA	ND	ND	NA	ND	NA
Arsenic	NE	0.050	ND	ND	ND	ND	0.0040	ND	ND	ND	ND	ND	ND
Beryllium	NE	NE	ND	NA	ND	ND	NA	NA	ND	ND	NA	ND	NA
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0050	ND
Chromium	NE	0.050	ND	0.20	0.010	ND	ND	ND	ND	ND	0.38	ND	0.058
Copper	NE	NE	ND	0.038	ND	ND	ND	NA	ND	ND	0.092	ND	0.098
Lead	NE	0.050	0.0130	0.032	ND	ND	0.020	ND	ND	ND	0.041	ND	ND
Mercury	NE	0.002	ND	0.0005	ND	ND	ND	0.0002	ND	ND	0.0005	ND	ND
Nickel	NE	NE	ND	NA	ND	ND	NA	NA	ND	ND	NA	ND	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND
Thallium	NE	NE	ND	NA	ND	ND	NA	NA	ND	ND	NA	ND	NA
Zinc	NE	NE	ND	0.074	ND	ND	0.035	NA	ND	0.0400	0.17	ND	0.27
Fluorene	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	ND	NA	NA	16	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	ND	NA	NA	18	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	4.2	ND	NA	0.63	NA	NA	NA	15	NA	2.9
Bicarbonate	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	43	ND	NA	13	9.9	NA	NA	20	NA	41
Sodium	NE	NE	NA	30	ND	NA	19	13	NA	NA	17	NA	19
Sulfate	NE	NE	NA	NA	ND	NA	NA	6	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	0.30	ND	NA	0.098	0.044	NA	NA	0.58	NA	2.0
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-40S	MW-40S	MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-42S	MW-42S	MW-43S	MW-43S
Date Sampled			09/29/82	09/30/84		09/14/82	09/24/84	03/13/86	01/26/88	09/27/82	09/28/84	09/14/82	09/13/84
Sampled By			ES	RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN
Date Analyzed								03/31/86					
Lab			ES	RAS	CES	ES	RAS	AUS	SAC	ES	RAS	ES	RAS
Field Analysis													
Lab Analysis													
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	ND	NA	NA	92	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	ND	NA	NA	1.5	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	ND	NA	NA	210	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S
Date Sampled			09/13/82	09/21/84	03/21/86	01/12/87	01/12/87	04/26/88	07/20/88	07/20/88	07/20/88	07/20/88	10/06/88
Sampled By			ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed					04/08/86	02/10/87	02/10/87						10/23/88
Lab			ES	RAS	AUS	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDA	FDB	FDA
Lab Analysis							LDB			LDA	LDB		
Antimony	NE	NE	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	NE	0.050	ND	0.0036	ND	0.004	0.004	ND	ND	ND	ND	ND	ND
Beryllium	NE	NE	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	ND	0.055	ND	0.050	0.050	0.053	0.054	0.044	0.048	0.042	0.038
Copper	NE	NE	ND	0.024	NA	0.452	0.447	ND	ND	ND	ND	ND	ND
Lead	NE	0.050	ND	0.018	0.014	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	NA
Nickel	NE	NE	ND	NA	NA	0.043	0.047	0.073	0.084	0.080	0.078	0.072	0.068
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	NE	NE	0.0150	0.056	NA	0.071	0.065	0.007	ND	0.005	0.004	0.004	0.009
Fluorens	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	11	NA	NA	NA	NA	NA	NA	NA	168
Chloride	NE	NE	NA	NA	18	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	2.0	NA	NA	NA	NA	NA	NA	NA	NA	0.066
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	13	7.4	NA	NA	NA	NA	NA	NA	NA	108
Sodium	NE	NE	NA	17	14	NA	NA	NA	NA	NA	NA	NA	14
Sulfate	NE	NE	NA	NA	8	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.010
Barium	NE	1.0	NA	0.11	0.19	NA	NA	NA	NA	NA	NA	NA	0.039
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.024
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30

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MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S	MW-44S
Date Sampled			09/13/82	09/21/84	03/21/86	01/12/87	01/12/87	04/26/88	07/20/88	07/20/88	07/20/88	07/20/88	10/06/88
Sampled By			ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed					04/08/86	02/10/87	02/10/87						10/23/88
Lab			ES	RAS	AUS	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDA	FDB	FDA
Lab Analysis							LDB			LDA	LDB		
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019
Total Alkalinity	NE	NE	NA	NA	70	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	1.1	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	79	NA	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-45S	MW-45S	MW-46S	MW-46S	MW-47S	MW-47S	MW-49	MW-51	MW-52	MW-53
Date Sampled			10/06/88	09/14/82	09/19/84	09/29/82	09/29/84	09/29/82	10/01/84	09/29/82	10/15/87	10/16/87	10/21/87
Sampled By			RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/88										
Lab			SAC	ES	RAS	ES	RAS	ES	RAS	ES	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis													
Antimony	NE	NE	ND	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND
Arsenic	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004
Beryllium	NE	NE	ND	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	0.037	ND	0.79	ND	0.070	ND	0.86	ND	0.009	ND	0.01
Copper	NE	NE	ND	ND	0.023	ND	0.020	ND	0.086	ND	0.007	ND	ND
Lead	NE	0.050	ND	ND	ND	0.0180	0.012	0.0170	0.013	0.0160	ND	ND	ND
Mercury	NE	0.002	NA	ND	0.0002	ND	ND	ND	0.0005	ND	ND	ND	ND
Nickel	NE	NE	0.068	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	0.011	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND
Zinc	NE	NE	0.007	ND	ND	ND	0.039	ND	0.24	ND	ND	ND	0.08
Fluorane	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	15B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	0.063	NA	5.7	NA	3.7	NA	2.8	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	10B	NA	26	NA	14	NA	50	NA	NA	NA	NA
Sodium	NE	NE	14	NA	26	NA	15	NA	21	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.038	NA	0.19	NA	0.17	NA	3.6	NA	NA	NA	NA
Cobalt	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well

FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento

ES = Engineering Science, Inc.

RAS = Radian Analytical Services

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

B = Compound detected in laboratory blank - not edited

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-45S	MW-45S	MW-46S	MW-46S	MW-47S	MW-47S	MW-49	MW-51	MW-52	MW-53
Date Sampled			10/06/88	09/14/82	09/19/84	09/29/82	09/29/84	09/29/82	10/01/84	09/29/82	10/15/87	10/16/87	10/21/87
Sampled By			RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/88										
Lab			SAC	ES	RAS	ES	RAS	ES	RAS	ES	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis													
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	LAS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-54	MW-54	MW-54	MW-55	MW-55	MW-55	MW-57	MW-57	MW-58	MW-59	MW-59
Date Sampled			04/27/87	10/19/87	10/19/87	04/20/87	10/14/87	10/14/87	04/28/87	10/12/87	10/13/87	04/02/86	04/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/28/87			05/26/87			05/28/87			04/10/86	05/26/87
Lab			SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	AUS	SAC
Field Analysis			FDA	FDA	FDB	FDA			FDA				FDA
Lab Analysis													
Antimony	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Arsenic	NE	0.050	0.004	ND	ND	0.004	ND	NA	0.004	ND	ND	ND	ND
Beryllium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Cadmium	NE	0.010	ND	ND	ND	0.009	ND	ND	0.006	ND	ND	ND	0.006
Chromium	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	NE	NE	ND	ND	ND	0.01	0.01	ND	0.007	0.01	0.009	NA	0.007
Lead	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0004	ND
Nickel	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	0.01	ND	ND	0.01	0.03	ND	ND	ND	ND	ND	0.01
Thallium	NE	NE	ND	ND	ND	ND	ND	ND	0.06	ND	ND	NA	ND
Zinc	NE	NE	ND	ND	ND	ND	ND	ND	ND	0.01	0.01	NA	ND
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	19.3	NA	NA	NA	10	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	0.12	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	6.3	NA	NA	NA	7.1	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	17.0	NA	NA	NA	13	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	NA	NA	ND	NA	NA	NA	0.050	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	0.048	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	81	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-54	MW-54	MW-54	MW-55	MW-55	MW-55	MW-57	MW-57	MW-58	MW-59	MW-59
Date Sampled			04/27/87	10/19/87	10/19/87	04/20/87	10/14/87	10/14/87	04/28/87	10/12/87	10/13/87	04/02/86	04/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			05/28/87			05/26/87			05/28/87			04/10/86	05/26/87
Lab			SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	AUS	SAC
Field Analysis			FDA	FDA	FDB	FDA			FDA				FDA
Lab Analysis													
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	140	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

RADIAN CORPORATION

B 694

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-59	MW-60	MW-61	MW-61	MW-61	MW-62	MW-63	MW-63	MW-67	MW-70	MW-70
Date Sampled			10/09/87	01/13/87	03/19/86	01/29/87	01/19/88	04/26/88	04/02/86	04/02/86	03/20/86	01/29/87	01/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				02/10/87	04/08/86	02/27/87			04/10/86	04/10/86	04/08/86	02/27/87	02/27/87
Lab			SAC	SAC	AUS	SAC	SAC	SAC	AUS	AUS	AUS	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis												LDA	LDB
Antimony	NE	NE	ND	ND	NA	ND	ND	ND	NA	NA	NA	ND	ND
Arsenic	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium	NE	NE	ND	ND	NA	0.0004	ND	ND	NA	NA	NA	0.0008	ND
Cadmium	NE	0.010	ND	ND	0.005	ND	ND	ND	ND	0.002	ND	ND	ND
Chromium	NE	0.050	0.016	0.010	ND	ND	ND	ND	0.008	0.008	ND	0.017	0.009
Copper	NE	NE	0.01	0.441	NA	ND	ND	ND	NA	NA	NA	ND	ND
Lead	NE	0.050	ND	ND	0.007	ND	ND	ND	0.009	0.024	0.007	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NE	NE	ND	ND	NA	ND	ND	ND	NA	NA	NA	ND	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	0.032	ND	ND
Thallium	NE	NE	ND	ND	NA	ND	ND	ND	NA	NA	NA	ND	ND
Zinc	NE	NE	0.003	0.058	NA	ND	ND	0.035	NA	NA	NA	ND	ND
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	11	NA	NA	NA	17	17	21	NA	NA
Chloride	NE	NE	NA	NA	14	NA	NA	NA	18	18	18	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	7.1	NA	NA	NA	11	11	11	NA	NA
Sodium	NE	NE	NA	NA	14	NA	NA	NA	14	14	16	NA	NA
Sulfate	NE	NE	NA	NA	6	NA	NA	NA	7	12	4	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	0.061	NA	NA	NA	0.12	0.084	0.10	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-59	MW-60	MW-61	MW-61	MW-61	MW-62	MW-63	MW-63	MW-67	MW-70	MW-70
Date Sampled			10/09/87	01/13/87	03/19/86	01/29/87	01/19/88	04/26/88	04/02/86	04/02/86	03/20/86	01/29/87	01/29/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				02/10/87	04/08/86	02/27/87			04/10/86	04/10/86	04/08/86	02/27/87	02/27/87
Lab			SAC	SAC	AUS	SAC	SAC	SAC	AUS	AUS	AUS	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis												LDA	LDB
Total Alkalinity	NE	NE	NA	NA	79	NA	NA	NA	110	110	130	NA	NA
Nitrate	NE	45	NA	NA	0.36	NA	NA	NA	0.98	1.0	0.17	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	110	NA	NA	NA	190	190	61	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-70	MW-70	MW-71	MW-72	MW-74	MW-74	MW-74	MW-75	MW-76	MW-76	MW-88
Date Sampled			10/16/87	10/16/87	04/22/88	01/08/88	04/27/88	04/27/88	04/27/88	04/21/88	04/28/88	04/28/88	01/06/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed													02/24/87
Lab			SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis								FDA	FDB				
Lab Analysis			LDA	LDB									
Antimony	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	NE	0.050	0.004	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0006
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND
Chromium	NE	0.050	0.009	ND	ND	ND	ND	0.007	ND	ND	ND	ND	0.010
Copper	NE	NE	ND	ND	0.010	ND	ND	0.008	ND	ND	0.009	ND	0.191
Lead	NE	0.050	ND	ND	ND	ND	0.006	ND	ND	ND	ND	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NE	NE	ND	ND	ND	0.03	ND	ND	ND	ND	ND	ND	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	NE	NE	ND	ND	1.2	ND	ND	0.034	0.004	0.013	0.028	ND	0.051
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-70	MW-70	MW-71	MW-72	MW-74	MW-74	MW-74	MW-75	MW-76	MW-76	MW-88
Date Sampled			10/16/87	10/16/87	04/22/88	01/08/88	04/27/88	04/27/88	04/27/88	04/21/88	04/28/88	04/28/88	01/06/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed													02/24/87
Lab			SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis								FDA	FDB				
Lab Analysis			LDA	LDB									
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-89	MW-89	MW-90	MW-91	MW-91	MW-100	MW-100	MW-100	MW-100	MW-100	MW-101
Date Sampled			01/06/87	07/08/88	01/20/87	01/20/87	01/20/87	12/21/85	12/21/85	02/27/86	04/14/88	07/19/88	11/18/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/24/87		02/21/87	02/24/87	02/24/87	01/06/86	01/06/86	03/12/86			11/22/85
Lab			SAC	SAC	SAC	SAC	SAC	AUS	AUS	AUS	SAC	SAC	AUS
Field Analysis						FDA	FDB	FDA	FDB				
Lab Analysis													
Antimony	NE	NE	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	NA
Arsenic	NE	0.050	ND	ND	ND	ND	ND	0.006	0.006	ND	ND	ND	ND
Beryllium	NE	NE	0.0006	ND	ND	ND	ND	NA	NA	NA	ND	ND	NA
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	0.0113	ND	0.014	0.008	ND	0.013	0.014	0.006	0.020	0.013	0.038
Copper	NE	NE	0.18	ND	ND	0.307	0.134	NA	NA	NA	ND	ND	NA
Lead	NE	0.050	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	0.0002
Nickel	NE	NE	ND	ND	ND	ND	ND	NA	NA	NA	0.048	ND	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	NA
Zinc	NE	NE	0.038	0.003	ND	0.154	0.020	NA	NA	NA	0.075	0.003	NA
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	12	10	11	NA	NA	14
Chloride	NE	NE	NA	NA	NA	NA	NA	12	12	11	NA	NA	15
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	7.5	6.7	7.5	NA	NA	8.1
Sodium	NE	NE	NA	NA	NA	NA	NA	14	11	12	NA	NA	15
Sulfate	NE	NE	NA	NA	NA	NA	NA	3.4	1.7	9	NA	NA	5.2
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	NA	NA	0.054	0.055	0.039	NA	NA	0.04
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	76	77	79	NA	NA	75
Nitrate	NE	45	NA	NA	NA	NA	NA	1.3	1.3	1.2	NA	NA	1.5
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	230	230	180	NA	NA	210

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-101	MW-101	MW-101	MW-101	MW-102	MW-102	MW-102	MW-102	MW-102	MW-103	MW-103
Date Sampled			03/05/86	08/05/87	08/05/87	04/14/88	11/04/85	03/10/86	08/07/87	04/25/88	07/12/88	12/20/85	12/20/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/20/86	08/31/87	08/31/87		11/25/85	03/20/86	08/31/87			01/06/86	01/06/86
Lab			AUS	SAC	SAC	SAC	AUS	AUS	SAC	SAC	SAC	AUS	AUS
Field Analysis												FDA	FDB
Lab Analysis				LDA	LDB								
Antimony	NE	NE	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
Arsenic	NE	0.050	ND	ND	ND	ND	ND	0.007	0.005	ND	ND	0.005	0.005
Beryllium	NE	NE	NA	ND	0.001	ND	NA	NA	ND	ND	ND	NA	NA
Cadmium	NE	0.010	0.002	ND	0.008	ND	0.002	0.003	ND	ND	ND	ND	ND
Chromium	NE	0.050	ND	0.042	0.062	0.016	0.036	0.026	0.008	0.01	ND	0.014	0.014
Copper	NE	NE	NA	ND	0.062	ND	NA	NA	0.06	ND	ND	NA	NA
Lead	NE	0.050	ND	ND	ND	ND	0.01	0.003	ND	ND	ND	ND	ND
Mercury	NE	0.002	0.0002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NE	NE	NA	0.035	0.039	0.035	NA	NA	ND	ND	ND	NA	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	0.011	ND	0.005	0.012	ND	ND	ND	0.003	0.003
Thallium	NE	NE	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
Zinc	NE	NE	NA	0.033	0.079	0.022	NA	NA	0.02	ND	ND	NA	NA
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	11	NA	NA	NA	11	11	NA	NA	NA	9.3	9.5
Chloride	NE	NE	16	NA	NA	NA	5	7	NA	NA	NA	10	11
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	7.3	NA	NA	NA	7.8	5.2	NA	NA	NA	5.9	5.8
Sodium	NE	NE	14	NA	NA	NA	17	20	NA	NA	NA	12	12
Sulfate	NE	NE	4	NA	NA	NA	140	4	NA	NA	NA	3.0	12
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.046	NA	NA	NA	0.068	0.060	NA	NA	NA	0.057	0.059
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-101	MW-101	MW-101	MW-101	MW-102	MW-102	MW-102	MW-102	MW-102	MW-103	MW-103
Date Sampled			03/05/86	08/05/87	08/05/87	04/14/88	11/04/85	03/10/86	08/07/87	04/25/88	07/12/88	12/20/85	12/20/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/20/86	08/31/87	08/31/87		11/25/85	03/20/86	08/31/87			01/06/86	01/06/86
Lab			AUS	SAC	SAC	SAC	AUS	AUS	SAC	SAC	SAC	AUS	AUS
Field Analysis												FDA	FDB
Lab Analysis				LDA	LDB								
Total Alkalinity	NE	NE	68	NA	NA	NA	74	85	NA	NA	NA	72	69
Nitrate	NE	45	1.7	NA	NA	NA	2.5	2.5	NA	NA	NA	1.3	1.3
Total Dissolved Solids	NE	NE	185	NA	NA	NA	250	430	NA	NA	NA	230	420

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-103	MW-103	MW-104	MW-104	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-106
Date Sampled			03/10/86	08/04/87	12/15/85	03/26/86	12/21/85	03/27/86	04/26/88	04/26/88	07/19/88	10/13/88	11/21/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/20/86	08/31/87	12/30/85	04/08/86	01/06/86	04/08/86				10/28/88	11/26/85
Lab			AUS	SAC	AUS	AUS	AUS	AUS	SAC	SAC	SAC	SAC	AUS
Field Analysis													
Lab Analysis									LDA	LDB			
Antimony	NE	NE	NA	ND	NA	NA	NA	NA	ND	ND	ND	ND	NA
Arsenic	NE	0.050	ND	ND	0.004	0.008	ND	0.007	ND	ND	ND	ND	ND
Beryllium	NE	NE	NA	ND	NA	NA	NA	NA	ND	ND	ND	ND	NA
Cadmium	NE	0.010	0.006	ND	ND	ND	0.003	0.003	ND	ND	ND	ND	0.008
Chromium	NE	0.050	0.020	0.017	ND	0.013	0.036	0.015	0.011	0.010	0.010	0.011	0.019
Copper	NE	NE	NA	ND	NA	NA	NA	NA	0.010	ND	ND	ND	NA
Lead	NE	0.050	0.003	ND	ND	ND	0.002	0.007	ND	ND	ND	ND	ND
Mercury	NE	0.002	ND	ND	0.0002	ND	ND	ND	ND	ND	ND	NA	ND
Nickel	NE	NE	NA	0.016	NA	NA	NA	NA	ND	ND	ND	ND	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	0.010	ND	ND	0.007	0.002	0.010	ND	ND	ND	ND	0.007
Thallium	NE	NE	NA	ND	NA	NA	NA	NA	ND	ND	ND	ND	NA
Zinc	NE	NE	NA	0.024	NA	NA	NA	NA	ND	0.004	0.004	ND	NA
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	10	NA	12	18	15	13	NA	NA	NA	15B	12
Chloride	NE	NE	11	NA	ND	19	33	19	NA	NA	NA	NA	13
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.009B	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	6.3	NA	6.8	11	4.3	8.3	NA	NA	NA	11	7.5
Sodium	NE	NE	13	NA	30	30	53	30	NA	NA	NA	22	14
Sulfate	NE	NE	20	NA	68	56	49	27	NA	NA	NA	NA	17
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.076	NA
Barium	NE	1.0	0.019	NA	0.053	0.048	0.11	0.040	NA	NA	NA	0.041	0.022
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	38	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.039	NA
Total Alkalinity	NE	NE	73	NA	ND	87	110	100	NA	NA	NA	NA	80

ALL UNITS ARE mg/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-103	MW-103	MW-104	MW-104	MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-106
Date Sampled			03/10/86	08/04/87	12/15/85	03/26/86	12/21/85	03/27/86	04/26/88	04/26/88	07/19/88	10/13/88	11/21/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/20/86	08/31/87	12/30/85	04/08/86	01/06/86	04/08/86				10/28/88	11/26/85
Lab			AUS	SAC	AUS	AUS	AUS	AUS	SAC	SAC	SAC	SAC	AUS
Field Analysis													
Lab Analysis									LDA	LDB			
Nitrate	NE	45	1.2	NA	0.05	0.52	0.15	0.54	NA	NA	NA	NA	1.6
Total Dissolved Solids	NE	NE	140	NA	290	240	370	170	NA	NA	NA	NA	200

ALL UNITS ARE mg/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
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SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-106	MW-107	MW-107	MW-107	MW-108	MW-108	MW-108	MW-110	MW-110	MW-111	MW-111
Date Sampled			03/13/86	11/07/85	04/01/86	10/05/88	12/27/85	04/01/86	07/12/88	11/06/85	03/31/86	11/06/85	04/03/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/31/86	11/13/85	04/10/86	10/20/88	01/03/86	04/10/86		11/25/85	04/10/86	11/25/85	04/10/86
Lab			AUS	AUS	AUS	SAC	AUS	AUS	SAC	AUS	AUS	AUS	AUS
Field Analysis													FDA
Lab Analysis													
Antimony	NE	NE	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA
Arsenic	NE	0.050	0.009	0.013	0.01J	ND	0.005	0.005	ND	ND	0.008	ND	0.008
Beryllium	NE	NE	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA
Cadmium	NE	0.010	ND	ND	ND	ND	0.004	ND	ND	0.002	ND	0.002	ND
Chromium	NE	0.050	ND	0.009	0.013	0.011	ND	0.006	0.009	0.016	0.010	0.026	ND
Copper	NE	NE	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA
Lead	NE	0.050	0.002	0.02	0.007	ND	ND	0.036	ND	ND	0.029	ND	0.008
Mercury	NE	0.002	ND	ND	0.0003	NA	ND	0.0002	ND	ND	ND	ND	ND
Nickel	NE	NE	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	0.002	ND	ND	ND	0.004	ND
Thallium	NE	NE	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA
Zinc	NE	NE	NA	NA	NA	0.006	NA	NA	ND	NA	NA	NA	NA
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	14	12	10	9.4	17.0	19	NA	11	12	15	13
Chloride	NE	NE	16	21	20	NA	18	15	NA	19	18	20	16
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	7.7	7.2	4.7	6.3	11	10	NA	7.3	8.1	11	8.1
Sodium	NE	NE	15	17	30	13	19	19	NA	16	17	17	14
Sulfate	NE	NE	4	5.2	13	NA	37	30	NA	20	6	12	15
Aluminum	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	0.010	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.026	0.18	0.12	0.0023	0.024	0.045	NA	0.030	0.049	0.078	0.024
Cobalt	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	29	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	0.024	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	84	79	94	NA	103	110	NA	82	92	89	94
Nitrate	NE	45	1.3	1.7	1.7	NA	0.79	1.6	NA	1.7	1.8	1.9	1.8
Total Dissolved Solids	NE	NE	98	230	170	NA	270	180	NA	260	170	260	130

ALL UNITS ARE mg/l

MW = Monitoring Well

FDA = First field duplicate analysis

RADIAN = Radian Corporation, Sacramento

AUS = Radian Analytical Services, Austin

SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-111	MW-111	MW-112	MW-112	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114
Date Sampled			04/03/86	01/15/88	12/20/85	04/02/86	11/11/85	02/28/86	01/07/88	01/07/88	04/21/88	04/21/88	04/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/10/86		01/06/86	04/10/86	11/19/85	03/12/86					
Lab			AUS	SAC	AUS	AUS	AUS	AUS	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB								FDA	FDB	FDB
Lab Analysis									LDA	LDB		LDA	LDB
Antimony	NE	NE	NA	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
Arsenic	NE	0.050	0.007	ND	0.006	0.005	0.007	0.006	ND	ND	ND	ND	ND
Beryllium	NE	NE	NA	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	NE	0.050	0.005	0.01	0.011	0.010	0.047	0.006	0.03	0.03	0.018	0.018	0.018
Copper	NE	NE	NA	ND	NA	NA	NA	NA	ND	ND	ND	ND	0.010
Lead	NE	0.050	0.009	ND	ND	0.013	ND	0.003	ND	ND	ND	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	0.0003	ND	ND	NA	ND	ND	ND
Nickel	NE	NE	NA	0.06	NA	NA	NA	NA	0.21	0.21	0.097	0.11	0.10
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	NA	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
Zinc	NE	NE	NA	ND	NA	NA	NA	NA	ND	ND	0.006	ND	ND
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	14	NA	18	17	10	13	NA	NA	NA	NA	NA
Chloride	NE	NE	17	NA	22	21	17	19	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	8.9	NA	9.4	9.7	6.3	8.6	NA	NA	NA	NA	NA
Sodium	NE	NE	16	NA	17	17	11	13	NA	NA	NA	NA	NA
Sulfate	NE	NE	15	NA	22	13	6.2	12	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.024	NA	0.050	0.034	0.033	0.026	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-111	MW-111	MW-112	MW-112	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114	MW-114
Date Sampled			04/03/86	01/15/88	12/20/85	04/02/86	11/11/85	02/28/86	01/07/88	01/07/88	04/21/88	04/21/88	04/21/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/10/86		01/06/86	04/10/86	11/19/85	03/12/86					
Lab			AUS	SAC	AUS	AUS	AUS	AUS	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB								FDA	FDB	FDB
Lab Analysis									LDA	LDB		LDA	LDB
Total Alkalinity	NE	NE	94	NA	100	100	84	86	NA	NA	NA	NA	NA
Nitrate	NE	45	1.8	NA	0.67	0.70	1.2	1.1	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	140	NA	270	190	190	200	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DTS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-114	MW-114	MW-115	MW-115	MW-115	MW-115	MW-116	MW-116	MW-116	MW-116	MW-116
Date Sampled			07/12/88	10/10/88	12/19/85	03/06/86	07/18/88	10/03/88	11/11/85	11/11/85	02/28/86	01/13/88	04/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				10/25/88	01/03/86	03/20/86		10/20/88	11/19/85	11/19/85	03/12/86		
Lab			SAC	SAC	AUS	AUS	SAC	SAC	AUS	AUS	AUS	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Antimony	NE	NE	ND	ND	NA	NA	ND	ND	NA	NA	NA	ND	ND
Arsenic	NE	0.050	ND	ND	0.005	ND	ND	ND	0.008	0.007	0.006	ND	0.004
Beryllium	NE	NE	ND	ND	NA	NA	ND	ND	NA	NA	NA	ND	ND
Cadmium	NE	0.010	ND	ND	0.009	0.006	ND	ND	0.002	ND	ND	ND	ND
Chromium	NE	0.050	0.017	0.018	0.046	0.022	0.019	0.014	0.039	0.040	ND	ND	0.01
Copper	NE	NE	ND	ND	NA	NA	ND	ND	NA	NA	NA	ND	ND
Lead	NE	0.050	ND	ND	NA	0.014	ND	ND	ND	0.024	0.004	ND	ND
Mercury	NE	0.002	ND	NA	ND	ND	ND	NA	0.0003	0.0002	ND	ND	ND
Nickel	NE	NE	0.031	0.047	NA	NA	ND	ND	NA	NA	NA	ND	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	0.018	0.003	ND	ND	0.003	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	NA	NA	ND	ND	NA	NA	NA	ND	ND
Zinc	NE	NE	0.005	0.003	NA	NA	ND	0.005	NA	NA	NA	ND	0.72
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	148	14	15	NA	12	18	19	19	NA	NA
Chloride	NE	NE	NA	NA	17	18	NA	NA	17	16	18	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	0.059	NA	NA	NA	0.031	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	8.8B	11	11	NA	9.3	12	12	12	NA	NA
Sodium	NE	NE	NA	13B	13	15	NA	11	17	18	17	NA	NA
Sulfate	NE	NE	NA	NA	NA	11	NA	NA	18	16	37	NA	NA
Aluminum	NE	NE	NA	0.083	NA	NA	NA	ND	NA	NA	NA	NA	NA
Boron	NE	NE	NA	0.024	NA	NA	NA	0.025	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	0.025	0.056	0.054	NA	0.049	0.041	0.058	0.049	NA	NA
Cobalt	NE	NE	NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	35	NA	NA	NA	29	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	0.023	NA	NA	NA	0.026	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	97	96	NA	NA	110	110	120	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Service Austin
SAC = Radian Analytical Servic.., Sacramento

ND = Nothing detected
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B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-114	MW-114	MW-115	MW-115	MW-115	MW-115	MW-116	MW-116	MW-116	MW-116	MW-116
Date Sampled			07/12/88	10/10/88	12/19/85	03/06/86	07/18/88	10/03/88	11/11/85	11/11/85	02/28/86	01/13/88	04/11/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				10/25/88	01/03/86	03/20/86		10/20/88	11/19/85	11/19/85	03/12/86		
Lab			SAC	SAC	AUS	AUS	SAC	SAC	AUS	AUS	AUS	SAC	SAC
Field Analysis									FDA	FDB			
Lab Analysis													
Nitrate	NE	45	NA	NA	0.83	0.74	NA	NA	2.0	2.0	2.0	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	220	190	NA	NA	230	240	240	NA	NA

ALL UNITS ARE mg/l
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FDB = Second field duplicate analysis

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SAC = Radian Analytical Services, Sacramento

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NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-116	MW-116	MW-117	MW-118	MW-119	MW-120	MW-120	MW-121	MW-121	MW-121	MW-122
Date Sampled			07/06/88	10/10/88	03/04/86	03/25/86	03/05/86	03/04/86	01/23/88	02/26/86	07/11/88	10/19/88	02/26/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				10/25/88	03/12/86	04/08/86	03/20/86	03/12/86		03/12/86		10/31/88	
Lab			SAC	SAC	AUS	AUS	AUS	AUS	SAC	AUS	SAC	SAC	AUS
Field Analysis													
Lab Analysis													
Antimony	NE	NE	ND	ND	NA	NA	NA	NA	ND	NA	ND	ND	NA
Arsenic	NE	0.050	ND	ND	ND	0.008	ND	ND	ND	0.008	ND	ND	0.004
Beryllium	NE	NE	ND	ND	NA	NA	NA	NA	ND	NA	ND	ND	NA
Cadmium	NE	0.010	ND	ND	0.004	ND	ND	0.005	ND	0.003	ND	ND	ND
Chromium	NE	0.050	0.012	0.014	0.008	0.016	0.009	0.008	0.01	0.033	0.018	0.015	ND
Copper	NE	NE	ND	ND	NA	NA	NA	NA	ND	NA	ND	ND	NA
Lead	NE	0.050	ND	ND	0.003	0.005	0.003	0.003	ND	ND	ND	ND	ND
Mercury	NE	0.002	ND	NA	ND	ND	0.0004	ND	ND	ND	ND	NA	ND
Nickel	NE	NE	ND	ND	NA	NA	NA	NA	0.09	NA	0.050	0.050	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	0.006	0.005	ND	0.002	ND	0.002	ND	ND	ND
Thallium	NE	NE	ND	ND	NA	NA	NA	NA	ND	NA	ND	ND	NA
Zinc	NE	NE	ND	0.006	NA	NA	NA	NA	0.03	NA	0.009	0.009	NA
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	16B	17	14	15	17	NA	13	NA	14B	13
Chloride	NE	NE	NA	NA	18	12	16	17	NA	13	NA	NA	11
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	0.016	NA	NA	NA	NA	NA	NA	NA	0.028	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	10B	9.6	6.2	11	9.7	NA	6.5	NA	9.4B	10
Sodium	NE	NE	NA	14B	14	14	12	14	NA	14	NA	16	11
Sulfate	NE	NE	NA	NA	8	9	8	4	NA	8	NA	NA	5
Aluminum	NE	NE	NA	0.080	NA	NA	NA	NA	NA	NA	NA	ND	NA
Boron	NE	NE	NA	0.032	NA	NA	NA	NA	NA	NA	NA	0.018	NA
Barium	NE	1.0	NA	0.034	0.040	0.019	0.058	0.071	NA	0.023	NA	0.041	0.046
Cobalt	NE	NE	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA
Potassium	NE	NE	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA
Manganese	NE	NE	NA	ND	NA	NA	NA	NA	NA	NA	NA	0.003	NA
Molybdenum	NE	NE	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA
Silicon	NE	NE	NA	35	NA	NA	NA	NA	NA	NA	NA	36	NA
Vanadium	NE	NE	NA	0.026	NA	NA	NA	NA	NA	NA	NA	0.029	NA
Total Alkalinity	NE	NE	NA	NA	94	93	100	96	NA	81	NA	NA	100

ALL UNITS ARE mg/l
MW = Monitoring Well

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-116	MW-116	MW-117	MW-118	MW-119	MW-120	MW-120	MW-121	MW-121	MW-121	MW-122
Date Sampled			07/06/88	10/10/88	03/04/86	03/25/86	03/05/86	03/04/86	01/23/88	02/26/86	07/11/88	10/19/88	02/26/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				10/25/88	03/12/86	04/08/86	03/20/86	03/12/86		03/12/86		10/31/88	
Lab			SAC	SAC	AUS	AUS	AUS	AUS	SAC	AUS	SAC	SAC	AUS
Field Analysis													
Lab Analysis													
Nitrate	NE	45	NA	NA	1.5	1.0	0.47	1.6	NA	1.2	NA	NA	0.58
Total Dissolved Solids	NE	NE	NA	NA	190	170	180	200	NA	170	NA	NA	190

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RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-123	MW-124	MW-125	MW-126	MW-127	MW-128	MW-128	MW-128	MW-128	MW-129	MW-129
Date Sampled			03/25/86	02/25/86	02/25/86	03/03/86	03/04/86	01/16/87	04/16/87	10/23/87	01/13/88	01/16/87	10/23/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/08/86	04/10/86	04/10/86	03/12/86	03/12/86	02/25/87	06/01/87			02/25/87	
Lab			AUS	AUS	AUS	AUS	AUS	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Antimony	NE	NE	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Arsenic	NE	0.050	0.007	0.005	ND	0.006	ND	ND	ND	0.004	ND	0.005	0.004
Beryllium	NE	NE	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Cadmium	NE	0.010	0.003	ND	0.008	ND	0.005	ND	0.05	ND	ND	ND	ND
Chromium	NE	0.050	0.014	0.011	0.023	0.020	0.008	0.021	ND	ND	ND	0.019	0.02
Copper	NE	NE	NA	NA	NA	NA	NA	0.123	0.01	ND	ND	0.014	ND
Lead	NE	0.050	0.018	0.002	0.001	0.036	0.029	ND	ND	ND	ND	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NE	NE	NA	NA	NA	NA	NA	0.019	0.03	0.06	0.05	ND	0.05
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	0.004	0.007	0.005	ND	0.02	ND	ND	ND	ND
Thallium	NE	NE	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Zinc	NE	NE	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	13	29	16	16	17	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	16	12	15	12	15	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	8.9	3.5	12	9.8	11	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	14	13	13	14	14	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	15	37	8	7	3	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.038	0.050	0.057	0.034	0.060	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	86	120	100	100	110	NA	NA	NA	NA	NA	NA
Nitrate	NE	45	1.5	0.76	0.40	0.81	0.38	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	160	220	120	180	200	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-129	MW-130	MW-130	MW-130	MW-131	MW-131	MW-132	MW-132	MW-132	MW-132	MW-133
Date Sampled			01/13/88	01/16/87	10/27/87	10/27/87	10/14/87	10/14/87	01/21/87	05/15/87	07/29/87	01/22/88	10/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				02/25/87					02/25/87	06/05/87	08/31/87		10/23/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDA	FDB		FDA			
Lab Analysis													
Antimony	NE	NE	ND	ND	ND	ND	ND	ND	ND	0.05	ND	ND	ND
Arsenic	NE	0.050	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
Beryllium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND
Chromium	NE	0.050	0.01	0.013	0.01	0.01	ND	0.01	0.016	ND	0.01	0.01	ND
Copper	NE	NE	ND	ND	ND	ND	0.01	0.009	ND	0.05	0.01	ND	ND
Lead	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Nickel	NE	NE	ND	ND	0.02	ND	0.04	0.04	ND	ND	ND	ND	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	NE	NE	ND	ND	ND	ND	ND	ND	ND	0.01	0.03	ND	0.009
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18B
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10B
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.058
Barium	NE	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.043
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

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FDB = Second field duplicate analysis

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Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW-140 and EW-141

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-129	MW-130	MW-130	MW-130	MW-131	MW-131	MW-132	MW-132	MW-132	MW-132	MW-133
Date Sampled			01/13/88	01/16/87	10/27/87	10/27/87	10/14/87	10/14/87	01/21/87	05/15/87	07/29/87	01/22/88	10/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				02/25/87					02/25/87	06/05/87	08/31/87		10/23/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDA	FDB		FDA			
Lab Analysis													
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
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RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-134	MW-135	MW-136	MW-136	MW-138	MW-139	MW-142	MW-143	MW-1000	MW-1000	MW-1000
Date Sampled			10/06/88	11/08/88	10/10/88	10/10/88	10/07/88	10/14/88	10/18/88	10/05/88	12/12/85	03/07/86	03/07/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/88	11/23/88	10/25/88	10/25/88	10/27/88	10/28/88	10/31/88	10/20/88	12/30/85	03/20/86	03/20/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	AUS	AUS	AUS
Field Analysis					FDA	FDB							
Lab Analysis												LDA	LDB
Antimony	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Arsenic	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND
Beryllium	NE	NE	ND	0.001	ND	0.002	ND	ND	ND	ND	NA	NA	NA
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.003
Chromium	NE	0.050	0.008	0.012	0.015	0.013	0.009	0.009	0.012	0.012	ND	0.009	0.015
Copper	NE	NE	ND	0.008	ND	ND	ND	ND	ND	ND	NA	NA	NA
Lead	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.003
Mercury	NE	0.002	NA	NA	NA	NA	NA	NA	NA	NA	0.0002	ND	0.0004
Nickel	NE	NE	ND	ND	ND	ND	ND	0.083	ND	ND	NA	NA	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	0.002
Thallium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Zinc	NE	NE	0.004	0.022	0.006	0.005	0.003	0.003	0.009	0.004	NA	NA	NA
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	15B	22	46B	46B	20B	49B	16B	14	15	15	15
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	15	16	17
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	ND	ND	0.015	ND	0.009	0.025B	0.018	ND	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	9.6B	7.0	30B	30B	10B	36	10B	10	8.7	10	10
Sodium	NE	NE	16	16	24B	24B	18B	26	14	12	13	14	12
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	4.5	4	5
Aluminum	NE	NE	ND	ND	0.082	0.089	ND	ND	ND	ND	NA	NA	NA
Boron	NE	NE	0.038	0.042	0.062	0.072	0.035	0.058	0.027	0.017	NA	NA	NA
Barium	NE	1.0	0.039	0.05	0.090	0.090	0.045	0.10	0.036	0.052	0.031	0.035	0.037
Cobalt	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Potassium	NE	NE	ND	ND	4.9	3.3	ND	ND	ND	ND	NA	NA	NA
Manganese	NE	NE	ND	ND	0.010	0.009	ND	0.019	ND	ND	NA	NA	NA
Molybdenum	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Silicon	NE	NE	31	38	36	36	36	38	35	31	NA	NA	NA
Vanadium	NE	NE	0.021	0.029	0.015	0.016	0.027	0.021	0.029	0.025	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well

FDA = First field duplicate analysis

FDB = Second field duplicate analysis

LDA = First laboratory duplicate analysis

LDB = Second laboratory duplicate analysis

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

NA = Not analyzed

B = Compound detected in laboratory blank - not edited

NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-134	MW-135	MW-136	MW-136	MW-138	MW-139	MW-142	MW-143	MW-1000	MW-1000	MW-1000
Date Sampled			10/06/88	11/08/88	10/10/88	10/10/88	10/07/88	10/14/88	10/18/88	10/05/88	12/12/85	03/07/86	03/07/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/23/88	11/23/88	10/25/88	10/25/88	10/27/88	10/28/88	10/31/88	10/20/88	12/30/85	03/20/86	03/20/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	AUS	AUS	AUS
Field Analysis					FDA	FDB							
Lab Analysis												LDA	LDB
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	102	98	98
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.88	0.90
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	200	180	180

ALL UNITS ARE mg/l
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FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1001	MW-1001	MW-1002	MW-1002	MW-1002	MW-1003	MW-1003	MW-1004	MW-1004	MW-1004	MW-1005
Date Sampled			12/18/85	04/04/86	11/07/85	04/02/86	04/02/86	12/18/85	03/18/86	12/18/85	03/18/86	01/20/88	12/17/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			01/03/86	04/10/86	11/13/85	04/10/86	04/10/86	01/03/86	04/04/86	01/03/86	04/04/86		01/03/86
Lab			AUS	AUS	AUS	AUS	AUS	AUS	AUS	AUS	AUS	SAC	AUS
Field Analysis						FDA	FDB						
Lab Analysis													
Antimony	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Arsenic	NE	0.050	ND	ND	0.004	0.008	0.008	0.007	0.009	0.008	0.008	ND	0.004
Beryllium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Cadmium	NE	0.010	ND	ND	ND	0.004	0.004	ND	0.003	ND	ND	ND	ND
Chromium	NE	0.050	0.006	ND	0.024	0.020	0.015	0.012	ND	0.007	0.007	0.01	0.014
Copper	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Lead	NE	0.050	0.002	0.060	ND	0.016	0.017	ND	0.009	ND	0.006	ND	0.005
Mercury	NE	0.002	ND	0.0013	ND	ND	ND	ND	ND	ND	0.0003	ND	ND
Nickel	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	0.013	0.006	0.003	ND	ND	ND	ND	ND
Thallium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Zinc	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	20	10	11	17	18	12	14	12	12	NA	21
Chloride	NE	NE	11	17	14	20	21	16	13	23	16	NA	32
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	4.1	5.8	6.7	9.2	9.7	7.9	6.9	6.0	6.6	NA	13
Sodium	NE	NE	50	18	14	19	20	16	20	27	31	NA	21
Sulfate	NE	NE	NA	15	0.8	19	22	18	10	62	21	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.053	0.065	0.077	0.098	0.11	0.010	0.029	0.025	0.031	NA	0.019
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	170	92	73	94	90	84	110	100	110	NA	120
Nitrate	NE	45	1.2	0.92	1.4	5.1	5.2	1.5	1.3	3.2	3.0	NA	3.5
Total Dissolved Solids	NE	NE	370	150	240	210	240	220	190	280	220	NA	330

ALL UNITS ARE mg/l

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1009	MW-1009	MW-1009
Date Sampled			03/14/86	04/16/87	01/19/88	07/19/88	07/19/88	07/19/88	10/17/88	10/17/88	12/19/85	03/21/86	07/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/28/86	06/01/87					10/31/88	10/31/88	01/03/86	04/08/86	
Lab			AUS	SAC	SAC	CES	SAC	SAC	SAC	SAC	AUS	AUS	SAC
Field Analysis				FDA			FDA	FDB	FDA	FDB			
Lab Analysis													
Antimony	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND
Arsenic	NE	0.050	0.005	ND	ND	ND	ND	ND	ND	ND	0.005	0.009	ND
Beryllium	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND
Cadmium	NE	0.010	ND	0.008	ND	ND	ND	ND	ND	ND	0.006	ND	ND
Chromium	NE	0.050	0.040	ND	0.01	0.015	0.011	0.009	0.009	0.009	0.048	0.015	ND
Copper	NE	NE	NA	0.01	ND	ND	0.007	0.007	ND	ND	NA	NA	ND
Lead	NE	0.050	0.006	ND	ND	ND	ND	ND	ND	ND	ND	0.023	ND
Mercury	NE	0.002	0.0002	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND
Nickel	NE	NE	NA	0.09	0.05	0.056	0.053	0.061	0.067	0.059	NA	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	0.27	ND	ND	ND	ND	ND	ND	0.019	ND	ND
Thallium	NE	NE	NA	0.06	ND	ND	ND	ND	ND	ND	NA	NA	ND
Zinc	NE	NE	NA	ND	ND	ND	0.004	0.009	ND	0.007	NA	NA	0.004
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	23	NA	NA	NA	NA	NA	21B	22B	13	12	NA
Chloride	NE	NE	22	NA	NA	NA	NA	NA	NA	NA	25	20	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	0.021	0.10	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	13	NA	NA	NA	NA	NA	14B	14B	8.3	8.3	NA
Sodium	NE	NE	19	NA	NA	NA	NA	NA	29	28	16	19	NA
Sulfate	NE	NE	12	NA	NA	NA	NA	NA	NA	NA	21	7	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	0.036	0.037	NA	NA	NA
Barium	NE	1.0	0.035	NA	NA	NA	NA	NA	0.034	0.035	0.020	0.28	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	0.003	0.003	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	36	34	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	0.025	0.024	NA	NA	NA
Total Alkalinity	NE	NE	120	NA	NA	NA	NA	NA	NA	NA	83	84	NA

ALL UNITS ARE mg/l

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1005	MW-1009	MW-1009	MW-1009
Date Sampled			03/14/86	04/16/87	01/19/88	07/19/88	07/19/88	07/19/88	10/17/88	10/17/88	12/19/85	03/21/86	07/26/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/28/86	06/01/87					10/31/88	10/31/88	01/03/86	04/08/86	
Lab			AUS	SAC	SAC	CES	SAC	SAC	SAC	SAC	AUS	AUS	SAC
Field Analysis				FDA			FDA	FDB	FDA	FDB			
Lab Analysis													
Nitrate	NE	45	2.7	NA	NA	NA	NA	NA	NA	NA	3.0	1.5	NA
Total Dissolved Solids	NE	NE	310	NA	NA	NA	NA	NA	NA	NA	230	64	NA

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RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1010	MW-1010	MW-1011	MW-1011	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012
Date Sampled			04/08/86	04/08/86	11/05/85	03/27/86	11/15/85	03/06/86	07/27/87	07/26/88	07/26/88	07/26/88	10/17/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/10/86	04/10/86	11/25/85	04/08/86	11/19/85	03/20/86	08/19/87				10/31/88
Lab			AUS	AUS	AUS	AUS	AUS	AUS	SAC	CES	SAC	SAC	SAC
Field Analysis			FDA	FDB							FDA	FDB	
Lab Analysis													
Antimony	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Arsenic	NE	0.050	0.004	0.003	ND	ND	0.005	ND	ND	ND	ND	ND	ND
Beryllium	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	0.008	ND	ND	ND	ND
Chromium	NE	0.050	0.008	ND	0.026	0.019	0.038	0.038	ND	ND	ND	ND	ND
Copper	NE	NE	NA	NA	NA	NA	NA	NA	0.007	ND	ND	ND	ND
Lead	NE	0.050	ND	ND	ND	0.021	0.24	0.009	ND	ND	ND	ND	ND
Mercury	NE	0.002	0.0012	0.0010	ND	ND	0.0002	ND	ND	ND	ND	ND	NA
Nickel	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	0.011	0.012	ND	0.011	ND	ND	ND	ND	ND
Thallium	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Zinc	NE	NE	NA	NA	NA	NA	NA	NA	0.02	ND	0.003	ND	0.004
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	20	20	14	17	35	37	NA	NA	NA	NA	47B
Chloride	NE	NE	7	7	16	12	66	65	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	5.7	5.9	10	8.0	23	24	NA	NA	NA	NA	33B
Sodium	NE	NE	13	14	14	13	29	28	NA	NA	NA	NA	35
Sulfate	NE	NE	15	15	4.0	49	46	28	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.014
Barium	NE	1.0	0.025	0.022	0.034	0.045	0.099	0.088	NA	NA	NA	NA	0.16
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Total Alkalinity	NE	NE	100	95	89	86	150	140	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1010	MW-1010	MW-1011	MW-1011	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012	MW-1012
Date Sampled			04/08/86	04/08/86	11/05/85	03/27/86	11/15/85	03/06/86	07/27/87	07/26/88	07/26/88	07/26/88	10/17/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/10/86	04/10/86	11/25/85	04/08/86	11/19/85	03/20/86	08/19/87				10/31/88
Lab			AUS	AUS	AUS	AUS	AUS	AUS	SAC	CES	SAC	SAC	SAC
Field Analysis			FDA	FDB							FDA	FDB	
Lab Analysis													
Nitrate	NE	45	1.7	1.7	1.5	1.3	7.5	7.3	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	170	170	260	750	380	360	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1015
Date Sampled			11/12/85	03/11/86	04/20/87	07/15/88	10/11/88	11/14/85	03/12/86	07/19/88	10/27/88	10/27/88	12/14/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/19/85	03/20/86	05/18/87		10/25/88	11/22/85	03/20/86		11/01/88	11/01/88	12/30/85
Lab			RAS	AUS	SAC	SAC	SAC	AUS	AUS	SAC	SAC	SAC	AUS
Field Analysis					FDA						FDA	FDB	
Lab Analysis													
Antimony	NE	NE	NA	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA
Arsenic	NE	0.050	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
Beryllium	NE	NE	NA	NA	ND	ND	0.002	NA	NA	ND	ND	ND	NA
Cadmium	NE	0.010	ND	0.003	ND	ND	ND	ND	0.003	ND	ND	ND	ND
Chromium	NE	0.050	0.036	0.014	0.008	0.009	0.008	0.030	0.016	ND	ND	ND	ND
Copper	NE	NE	NA	NA	0.016	0.007	ND	NA	NA	ND	ND	ND	NA
Lead	NE	0.050	0.001	0.003	ND	ND	ND	ND	0.003	ND	ND	ND	0.003
Mercury	NE	0.002	0.0002	0.0005	ND	ND	NA	0.0004	0.0003	ND	NA	NA	ND
Nickel	NE	NE	NA	NA	0.05	0.16	0.16	NA	NA	0.050	0.16	0.17	NA
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	0.009	ND	ND	ND	ND	0.011	ND	ND	ND	ND
Thallium	NE	NE	NA	NA	ND	ND	0.072	NA	NA	ND	ND	ND	NA
Zinc	NE	NE	NA	NA	0.08	0.010	0.003	NA	NA	0.004	0.074	0.086	NA
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	19	20	NA	NA	208	18	20	NA	24	23	14
Chloride	NE	NE	13	16	NA	NA	NA	15	15	NA	NA	NA	8.9
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	0.042	NA	NA	NA	0.024B	0.044B	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	12	13	NA	NA	13	9.9	11	NA	16	15	8.0
Sodium	NE	NE	16	15	NA	NA	14	15	13	NA	20	18	11
Sulfate	NE	NE	11	30	NA	NA	NA	8.5	9	NA	NA	NA	5.2
Aluminum	NE	NE	NA	NA	NA	NA	0.082	NA	NA	NA	0.052	0.063	NA
Boron	NE	NE	NA	NA	NA	NA	0.013	NA	NA	NA	0.043	0.043	NA
Barium	NE	1.0	0.098	0.032	NA	NA	0.034	0.036	0.043	NA	0.24	0.24	0.012
Cobalt	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	ND	ND	NA
Potassium	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	ND	ND	NA
Manganese	NE	NE	NA	NA	NA	NA	0.013	NA	NA	NA	0.23	0.23	NA
Molybdenum	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	0.008	0.009	NA
Silicon	NE	NE	NA	NA	NA	NA	33	NA	NA	NA	34	31	NA
Vanadium	NE	NE	NA	NA	NA	NA	0.016	NA	NA	NA	0.011	0.010	NA
Total Alkalinity	NE	NE	120	120	NA	NA	NA	110	110	NA	NA	NA	103

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1013	MW-1013	MW-1013	MW-1013	MW-1013	MW-1014	MW-1014	MW-1014	MW-1014	MW-1014	MW-1015
Date Sampled			11/12/85	03/11/86	04/20/87	07/15/88	10/11/88	11/14/85	03/12/86	07/19/88	10/27/88	10/27/88	12/14/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/19/85	03/20/86	05/18/87		10/25/88	11/22/85	03/20/86		11/01/88	11/01/88	12/30/85
Lab			RAS	AUS	SAC	SAC	SAC	AUS	AUS	SAC	SAC	SAC	AUS
Field Analysis					FDA						FDA	FDB	
Lab Analysis													
Nitrate	NE	45	1.2	1.6	NA	NA	NA	0.93	0.95	NA	NA	NA	0.95
Total Dissolved Solids	NE	NE	200	240	NA	NA	NA	200	300	NA	NA	NA	190

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1015	MW-1016	MW-1016	MW-1016	MW-1016	MW-1017	MW-1017	MW-1018	MW-1018	MW-1018	MW-1018
Date Sampled			03/25/86	11/14/85	03/12/86	07/19/88	10/12/88	11/08/85	03/18/86	11/18/85	03/12/86	10/08/87	04/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/08/86	11/22/85	03/20/86		10/28/88	11/13/85	04/04/86	11/22/85	03/20/86		
Lab			AUS	AUS	AUS	SAC	SAC	AUS	AUS	AUS	AUS	SAC	SAC
Field Analysis													
Lab Analysis													
Antimony	NE	NE	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND
Arsenic	NE	0.050	0.010	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND
Beryllium	NE	NE	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND
Cadmium	NE	0.010	0.002	ND	0.004	ND	ND	ND	ND	ND	0.007	ND	ND
Chromium	NE	0.050	0.017	0.035	0.016	0.008	0.010	0.005	0.011	0.066	0.072	0.01	0.009
Copper	NE	NE	NA	NA	NA	0.006	0.009	NA	NA	NA	NA	0.01	ND
Lead	NE	0.050	ND	ND	0.003	ND	ND	ND	0.003	0.021	0.003	ND	ND
Mercury	NE	0.002	ND	0.0003	0.0005	ND	NA	ND	ND	ND	0.0003	ND	ND
Nickel	NE	NE	NA	NA	NA	0.039	0.063	NA	NA	NA	NA	0.03	0.029
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	0.003	ND	0.011	ND	ND	ND	0.013	ND	0.017	0.007	ND
Thallium	NE	NE	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND
Zinc	NE	NE	NA	NA	NA	0.004	0.003	NA	NA	NA	NA	0.02	0.004
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	13	18	24	NA	19B	14	18	16	20	NA	NA
Chloride	NE	NE	10	18	20	NA	NA	21	20	24	23	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	0.013B	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	9.8	11	13	NA	11	9.2	7.9	10	11	NA	NA
Sodium	NE	NE	16	18	13	NA	15	16	21	17	15	NA	NA
Sulfate	NE	NE	9	4.1	7	NA	NA	11	7	9.6	7	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	0.026	0.029	0.043	NA	0.045	0.15	0.057	0.020	0.080	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	35	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	0.022	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	99	100	120	NA	NA	94	100	91	110	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1015	MW-1016	MW-1016	MW-1016	MW-1016	MW-1017	MW-1017	MW-1018	MW-1018	MW-1018	MW-1018
Date Sampled			03/25/86	11/14/85	03/12/86	07/19/88	10/12/88	11/08/85	03/18/86	11/18/85	03/12/86	10/08/87	04/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/08/86	11/22/85	03/20/86		10/28/88	11/13/85	04/04/86	11/22/85	03/20/86		
Lab			AUS	AUS	AUS	SAC	SAC	AUS	AUS	AUS	AUS	SAC	SAC
Field Analysis													
Lab Analysis													
Nitrate	NE	45	1.0	4.4	5.3	NA	NA	1.8	2.2	2.0	1.9	NA	NA
Total Dissolved Solids	NE	NE	160	220	200	NA	NA	180	105	210	200	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1018	MW-1018	MW-1018	MW-1019	MW-1019	MW-1019	MW-1019	MW-1019	MW-1020	MW-1020	MW-1021
Date Sampled			07/23/88	10/20/88	10/20/88	12/19/85	03/14/86	01/25/88	01/25/88	10/12/88	11/08/85	03/07/86	01/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				11/01/88	11/01/88	01/03/86	03/28/86			10/28/88	11/13/85	03/20/86	
Lab			SAC	SAC	SAC	AUS	AUS	SAC	SAC	SAC	AUS	AUS	SAC
Field Analysis				FDA	FDB			FDA	FDB				
Lab Analysis													
Antimony	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA	ND
Arsenic	NE	0.050	ND	ND	ND	0.004	0.004	ND	ND	ND	ND	0.010	ND
Beryllium	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND
Chromium	NE	0.050	0.013	0.011	0.010	0.25	ND	ND	ND	0.009	0.011	0.019	ND
Copper	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA	ND
Lead	NE	0.050	ND	ND	ND	ND	0.013	ND	ND	ND	ND	0.005	ND
Mercury	NE	0.002	ND	NA	NA	ND	0.0003	ND	ND	NA	ND	ND	ND
Nickel	NE	NE	0.022	ND	0.019	NA	NA	ND	ND	ND	NA	NA	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND
Thallium	NE	NE	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA	ND
Zinc	NE	NE	ND	0.008	0.009	NA	NA	ND	ND	ND	NA	NA	ND
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	21B	21B	21	28	NA	NA	35B	13	20	NA
Chloride	NE	NE	NA	NA	NA	30	37	NA	NA	NA	17	16	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	0.015	0.016	NA	NA	NA	NA	ND	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	15B	15B	5.3	18	NA	NA	27	8.5	2.4	NA
Sodium	NE	NE	NA	21B	21B	44	22	NA	NA	30	14	24	NA
Sulfate	NE	NE	NA	NA	NA	42	24	NA	NA	NA	4.1	47	NA
Aluminum	NE	NE	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA
Boron	NE	NE	NA	0.045	0.041	NA	NA	NA	NA	0.049	NA	NA	NA
Barium	NE	1.0	NA	0.069	0.071	0.10	0.068	NA	NA	0.11	0.044	0.036	NA
Cobalt	NE	NE	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA
Potassium	NE	NE	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA
Manganese	NE	NE	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA
Molybdenum	NE	NE	NA	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA
Silicon	NE	NE	NA	35	36	NA	NA	NA	NA	35	NA	NA	NA
Vanadium	NE	NE	NA	0.028	0.027	NA	NA	NA	NA	0.023	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	96	130	NA	NA	NA	86	110	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
B = Compound detected in laboratory blank - not edited
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1018	MW-1018	MW-1018	MW-1019	MW-1019	MW-1019	MW-1019	MW-1019	MW-1020	MW-1020	MW-1021
Date Sampled			07/23/88	10/20/88	10/20/88	12/19/85	03/14/86	01/25/88	01/25/88	10/12/88	11/08/85	03/07/86	01/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				11/01/88	11/01/88	01/03/86	03/28/86			10/28/88	11/13/85	03/20/86	
Lab			SAC	SAC	SAC	AUS	AUS	SAC	SAC	SAC	AUS	AUS	SAC
Field Analysis				FDA	FDB			FDA	FDB				
Lab Analysis													
Nitrate	NE	45	NA	NA	NA	8.4	10	NA	NA	NA	1.4	1.3	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	270	310	NA	NA	NA	230	330	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

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SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1022	MW-1022	MW-1028	MW-1028	MW-1029	MW-1036	MW-1036	MW-1037	MW-1038	MW-1039	OW-136
Date Sampled			10/20/87	10/20/87	10/14/87	10/14/87	01/18/88	01/14/88	01/14/88	08/12/87	08/04/87	08/03/87	01/21/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed										09/01/87	08/31/87	08/31/87	02/20/86
Lab			SAC	CES	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	RAS
Field Analysis								FDA	FDB				
Lab Analysis													
Antimony	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	NE	0.050	0.005	ND	ND	ND	ND	ND	ND	0.004	ND	0.005	ND
Beryllium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND
Chromium	NE	0.050	0.01	ND	0.01	ND	ND	ND	ND	0.03	0.017	0.017	0.014
Copper	NE	NE	ND	ND	ND	ND	ND	ND	ND	0.05	ND	0.009	ND
Lead	NE	0.050	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND
Mercury	NE	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0002
Nickel	NE	NE	ND	ND	ND	ND	0.03	0.11	0.11	0.04	ND	0.018	ND
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	ND	ND	ND	ND	ND	ND	0.007	0.008	0.009	0.006
Thallium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Zinc	NE	NE	ND	ND	ND	ND	ND	ND	ND	0.02	0.019	0.043	0.018
Fluoride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	15.6	NA	14.2	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	10.2	NA	9.4	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	16.2	NA	19.9	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	ND	NA	0.05	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1022	MW-1022	MW-1028	MW-1028	MW-1029	MW-1036	MW-1036	MW-1037	MW-1038	MW-1039	OW-136
Date Sampled			10/20/87	10/20/87	10/14/87	10/14/87	01/18/88	01/14/88	01/14/88	08/12/87	08/04/87	08/03/87	01/21/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed										09/01/87	08/31/87	08/31/87	02/20/86
Lab			SAC	CES	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	RAS
Field Analysis								FDA	FDB				
Lab Analysis													
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

NA = Not analyzed
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-148	OW-157	OW-158	OW-334	OW-335	OW-340	OW-544	OW-544	OW-654	OW-829	OW-868
Date Sampled			01/21/86	03/31/86	03/31/86	07/09/86	07/23/86	07/08/86	10/28/86	10/28/86	08/19/83	10/27/86	08/24/83
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		RADIAN	
Date Analyzed			02/20/86	04/04/86	04/04/86				11/13/86	11/13/86	09/02/83	11/13/86	09/01/83
Lab			RAS	AUS	AUS	SAC	SAC	SAC	ELI	ELI	RAS	ELI	RAS
Field Analysis													
Lab Analysis									LDA	LDB			
Antimony	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	NE	0.050	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND
Beryllium	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND
Cadmium	NE	0.010	ND	0.008	0.004	ND	ND	ND	ND	ND	23	ND	ND
Chromium	NE	0.050	0.010	0.022	0.027	0.015	0.015	0.016	ND	ND	15	ND	4
Copper	NE	NE	ND	0.003	0.008	0.006	0.002	0.002	ND	ND	12	ND	ND
Lead	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	NE	0.002	0.0008	0.0002	0.0002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NE	NE	ND	0.018	0.016	0.009	ND	ND	ND	ND	11	ND	8
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	0.006	0.014	0.067	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	NE	NE	0.15	0.013	0.14	ND	ND	ND	ND	ND	39	0.01	36
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Sulfate	NE	NE	ND	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-148	OW-157	OW-158	OW-334	OW-335	OW-340	OW-544	OW-544	OW-654	OW-829	OW-868
Date Sampled			01/21/86	03/31/86	03/31/86	07/09/86	07/23/86	07/08/86	10/28/86	10/28/86	08/19/83	10/27/86	08/24/83
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		RADIAN	
Date Analyzed			02/20/86	04/04/86	04/04/86				11/13/86	11/13/86	09/02/83	11/13/86	09/01/83
Lab			RAS	AUS	AUS	SAC	SAC	SAC	ELI	ELI	RAS	ELI	RAS
Field Analysis													
Lab Analysis									LDA	LDB			
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA

ALL UNITS ARE mg/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-910	OW-911	OW-911	OW-911	OW-913	OW-916	OW-917	OW-917	OW-918	OW-920	OW-920
Date Sampled			01/23/86	07/15/85	09/25/85	11/19/85	07/31/83	08/25/83	07/31/83	07/15/85	07/15/85	09/25/85	11/19/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN		SCHD		RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/20/86	08/01/85		12/05/85	08/12/83	09/01/83	08/12/83	08/01/85	08/01/85		12/05/85
Lab			RAS	RAS	CAL	RAS	RAS	RAS	RAS	RAS	RAS	CAL	RAS
Field Analysis													
Lab Analysis													
Antimony	NE	NE	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND
Arsenic	NE	0.050	ND	5	ND	6	ND	ND	ND	4	3	ND	6
Beryllium	NE	NE	ND	ND	ND	ND	1	ND	1	ND	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	42	ND	42	ND	ND	ND	ND
Chromium	NE	0.050	0.007	13	ND	14	16	ND	18	9	11	ND	14
Copper	NE	NE	ND	3	ND	ND	16	ND	13	ND	9	ND	17
Lead	NE	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	NE	0.002	0.0002	0.8	ND	0.7	ND	ND	ND	1.1	1	ND	0.6
Nickel	NE	NE	ND	30	ND	3	ND	ND	ND	31	31	ND	5
Selenium	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	NE	0.050	0.005	ND	ND	ND	6	43	7	ND	ND	ND	4
Thallium	NE	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	NE	NE	0.023	28	ND	44	21	150	78	130	90	ND	260
Fluorene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l

OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
CAL = California Analytical Labs
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-910	OW-911	OW-911	OW-911	OW-913	OW-916	OW-917	OW-917	OW-918	OW-920	OW-920
Date Sampled			01/23/86	07/15/85	09/25/85	11/19/85	07/31/83	08/25/83	07/31/83	07/15/85	07/15/85	09/25/85	11/19/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN		SCHD		RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/20/86	08/01/85		12/05/85	08/12/83	09/01/83	08/12/83	08/01/85	08/01/85		12/05/85
Lab			RAS	RAS	CAL	RAS	RAS	RAS	RAS	RAS	RAS	CAL	RAS
Field Analysis													
Lab Analysis													
Nitrate	NE	45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
SCHD = Sacramento County Health Department
CAL = California Analytical Labs
RAS = Radian Analytical Services

NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	IHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-921	OW-921	OW-924	OW-994	OW-1045
Date Sampled			09/25/85	11/19/85	10/28/86	07/10/86	03/31/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				12/05/85	11/13/86		04/04/86
Lab			CAL	RAS	ELI	SAC	AUS
Field Analysis							
Lab Analysis							
Antimony	NE	NE	ND	ND	ND	ND	ND
Arsenic	NE	0.050	ND	5	ND	0.004	ND
Beryllium	NE	NE	ND	ND	ND	ND	ND
Cadmium	NE	0.010	ND	ND	ND	ND	0.004
Chromium	NE	0.050	8	19	ND	0.015	0.026
Copper	NE	NE	ND	3	ND	0.004	0.003
Lead	NE	0.050	ND	ND	ND	ND	ND
Mercury	NE	0.002	ND	0.6	ND	ND	ND
Nickel	NE	NE	ND	7	ND	ND	0.008
Selenium	NE	0.010	ND	ND	ND	ND	ND
Silver	NE	0.050	ND	2	ND	ND	0.021
Thallium	NE	NE	ND	ND	ND	ND	ND
Zinc	NE	NE	20	43	0.03	0.066	0.097
Fluorene	NE	NE	NA	NA	ND	NA	NA
Calcium	NE	NE	NA	NA	ND	NA	NA
Chloride	NE	NE	NA	NA	ND	NA	NA
Carbonate	NE	NE	NA	NA	ND	NA	NA
Iron	NE	NE	NA	NA	ND	NA	NA
Bicarbonate	NE	NE	NA	NA	ND	NA	NA
Magnesium	NE	NE	NA	NA	ND	NA	NA
Sodium	NE	NE	NA	NA	ND	NA	NA
Sulfate	NE	NE	NA	NA	ND	NA	NA
Aluminum	NE	NE	NA	NA	NA	NA	NA
Boron	NE	NE	NA	NA	NA	NA	NA
Barium	NE	1.0	NA	NA	ND	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA
Manganese	NE	NE	NA	NA	ND	NA	NA
Molybdenum	NE	NE	NA	NA	NA	NA	NA
Silicon	NE	NE	NA	NA	NA	NA	NA

ALL UNITS ARE mg/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR METHOD 6010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-921	OW-921	OW-924	OW-99A	OW-1045
Date Sampled			09/25/85	11/19/85	10/28/86	07/10/86	03/31/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				12/05/85	11/13/86		04/04/86
Lab			CAL	RAS	ELI	SAC	AUS
Field Analysis							
Lab Analysis							
Vanadium	NE	NE	NA	NA	NA	NA	NA
Total Alkalinity	NE	NE	NA	NA	ND	NA	NA
Nitrate	NE	45	NA	NA	ND	NA	NA
Total Dissolved Solids	NE	NE	NA	NA	ND	NA	NA

ALL UNITS ARE mg/l
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
AUS = Radian Analytical Services, Austin
CAL = California Analytical Labs
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
NE = Not established

RADIAN CORPORATION

RADIAN
CORPORATION

RESULTS FOR METHOD 7196

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MASTER LOG OF WELLS SAMPLED FOR METHOD 7196 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21D	MW-22D	MW-36S	MW-44S	MW-44S	MW-105	MW-114	MW-115	MW-116	MW-121	MW-1005
Date Sampled			10/18/88	10/17/88	10/25/88	10/06/88	10/06/88	10/13/88	10/10/88	10/03/88	10/10/88	10/19/88	10/17/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/19/88	10/18/88	10/26/88	10/07/88	10/07/88	10/13/88	10/11/88	10/04/88	10/11/88	10/20/88	10/18/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDB						FDA
Lab Analysis													
Chromium VI	NE	50	ND	ND	ND	ND	ND	ND	ND	0.034	ND	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 7196 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1005	MW-1012	MW-1013	MW-1014	MW-1014	MW-1016	MW-1018	MW-1018	MW-1019
Date Sampled			10/17/88	10/17/88	10/11/88	10/27/88	10/27/88	10/12/88	10/20/88	10/20/88	10/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/18/88	10/18/88	10/12/88	10/28/88	10/28/88	10/13/88	10/21/88	10/21/88	10/13/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB			FDA	FDB		FDA	FDB	
Lab Analysis											
Chromium VI	NE	50	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

RADIAN
CORPORATION

RESULTS FOR METHOD 9010

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MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER EW-137	EW-137	EW-137	EW-140	EW-141	MW-17D	MW-18D	MW-20D	MW-21D	MW-21S	MW-22D
Date Sampled			07/14/88	07/14/88	07/14/88	07/07/88	07/08/88	10/22/87	10/08/87	10/12/87	10/17/87	10/17/87	10/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				07/28/88	07/28/88	07/12/88	07/12/88						
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB								
Lab Analysis													
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE mg/l

MW = Monitoring Well
EW = Extraction Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
Analytical data for EW-63 and EW-69 appear under MW-63 and MW-69

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-22D	MW-23D	MW-24D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-28D	MW-28D
Date Sampled			10/14/87	10/25/87	10/25/87	10/22/87	10/22/87	01/20/88	01/26/88	04/08/88	04/08/88	10/23/87	01/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed											04/18/88		
Lab			CES	SAC	SAC	SAC	SAC	CES	SAC	CES	SAC	SAC	SAC
Field Analysis						FDA	FDB						
Lab Analysis											LDA		
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	NA	ND	ND	ND	ND	NA	NA	NA	ND	ND	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-28D	MW-29D	MW-31S	MW-33S	MW-33S	MW-33S	MW-36S	MW-41S	MW-41S	MW-41S	MW-41S
Date Sampled			04/13/88	10/24/87	10/27/87	10/26/87	01/08/88	04/25/88	10/21/87	10/20/87	10/20/87	10/20/87	01/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/18/88										
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC				
Field Analysis										SAC	CES	SAC	CES
Lab Analysis										FDA	FDA	FDB	
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-44S	MW-49S	MW-49S	MW-51	MW-52	MW-53	MW-53	MW-54	MW-54	MW-55
Date Sampled			01/26/88	10/23/87	07/25/88	07/25/88	10/15/87	10/16/87	10/21/87	10/21/87	10/19/87	10/19/87	10/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed					08/05/88	08/05/88							
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis					LDA	LDB			LDA	LDB			
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-55	MW-57	MW-58	MW-59	MW-59	MW-59	MW-59	MW-59	MW-60	MW-61	MW-61
Date Sampled			10/14/87	10/12/87	10/13/87	10/09/87	04/08/88	04/08/88	07/06/88	07/06/88	10/25/87	10/13/87	01/19/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed							04/18/88		07/13/88	07/13/88			
Lab			CES	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis									LDA	LDB			
Total cyanide	0.200	0.200	ND	ND	ND	0.05	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
LDA = First Laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-61	MW-61	MW-62	MW-63	MW-67	MW-67	MW-67	MW-68	MW-69	MW-70	MW-70
Date Sampled			04/22/88	04/22/88	04/26/88	10/22/87	10/20/87	10/20/87	04/26/88	10/23/87	10/20/87	10/16/87	10/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed													
Lab			SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB								LDA	LDB
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-71	MW-72	MW-72	MW-72	MW-72	MW-72	MW-74	MW-75	MW-76	MW-88	MW-89
Date Sampled			04/22/88	10/20/87	10/20/87	10/20/87	01/08/88	04/11/88	04/27/88	04/21/88	04/28/88	10/24/87	10/21/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed								04/18/88	04/30/88		04/30/88		
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis					LDA	LDB							
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND

ALL UNITS ARE mg/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Actior. Level	U.S.EPA Primary MCL	WELL NUMBER MW-90	MW-91	MW-91	MW-91	MW-92	MW-92	MW-100	MW-101	MW-102	MW-102	MW-103
Date Sampled			10/12/87	10/12/87	10/12/87	01/21/88	10/26/87	10/26/87	10/19/87	10/19/87	10/19/87	10/19/87	10/19/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed													
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis				FDA	FDB		FDA	FDB					
Lab Analysis													
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-104	MW-105	MW-106	MW-106	MW-106	MW-106	MW-106	MW-106	MW-107	MW-108	MW-109
Date Sampled			10/21/87	10/23/87	10/09/87	01/25/88	04/18/88	04/18/88	04/18/88	07/13/88	10/12/87	10/12/87	10/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed							04/20/88	04/20/88	04/20/88	07/27/88			
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB	FDB				
Lab Analysis								LDA	LDB				
Total cyanide	0.200	0.200	ND	ND	0.03	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-110	MW-110	MW-110	MW-111	MW-111	MW-112	MW-112	MW-113	MW-114	MW-114	MW-114
Date Sampled			10/21/87	10/21/87	10/21/87	10/19/87	01/15/88	10/19/87	10/19/87	10/19/87	10/15/87	01/07/88	01/07/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed													
Lab			CES	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis				LDA	LDB							LDA	LDB
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	NA	ND	ND	ND	NA	ND	NA	ND	ND	NA	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

RADIAN

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-114	MW-114	MW-115	MW-115	MW-115	MW-115	MW-115	MW-116	MW-116	MW-116	MW-116
Date Sampled			04/21/88	04/21/88	10/08/87	01/07/88	01/07/88	04/22/88	07/18/88	10/09/87	01/13/88	04/11/88	07/06/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed									07/27/88			04/18/88	07/13/88
Lab			SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									
Lab Analysis													
Total cyanide	0.200	0.200	ND	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-120	MW-120	MW-120	MW-120	MW-120	MW-121	MW-122	MW-128	MW-128	MW-128	MW-128
Date Sampled			10/22/87	01/23/88	07/11/88	07/11/88	07/11/88	10/22/87	10/22/87	10/23/87	01/13/88	04/12/88	07/12/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed						07/14/88	07/14/88					04/18/88	
Lab			SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis						FDA	FDB						
Lab Analysis													
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	NA	NA	ND	ND	ND	ND	ND	NA	ND	NA

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannnie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

RADIAN CORPORATION

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MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-128	MW-129	MW-129	MW-129	MW-129	MW-130	MW-130	MW-131	MW-131	MW-132
Date Sampled			07/12/88	07/12/88	10/23/87	10/23/87	01/13/88	07/12/88	10/27/87	10/27/87	10/14/87	10/14/87	10/24/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/26/88	07/26/88				07/26/88					
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB					FDA	FDB	FDA	FDB	FDA
Lab Analysis					LDA	LDB							
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	NI	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ND = Nothing detected
NA = Not analyzed
Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW-140 and EW-141

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-132	MW-133	MW-134	MW-135	MW-136	MW-136	MW-138	MW-139	MW-1000	MW-1000	MW-1000
Date Sampled			10/24/87	07/11/88	07/11/88	07/11/88	07/14/88	07/14/88	07/14/88	07/08/88	10/08/87	01/13/88	04/20/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed				07/14/88	07/14/88	07/14/88	07/27/88	07/28/88	07/26/88	07/12/88			04/25/88
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB										
Lab Analysis							LDA	LDB					
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	0.10	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1000	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1001	MW-1002	MW-1003	MW-1003	MW-1003
Date Sampled			07/15/88	10/09/87	01/20/88	01/20/88	04/27/88	04/27/88	07/22/88	10/15/87	10/09/87	01/20/88	04/27/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			07/27/88				04/30/88	04/30/88	08/05/88				04/30/88
Lab			SAC	SAC	SAC	CES	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis													LDA
Total cyanide	0.200	0.200	ND	0.11	ND	ND	ND	ND	ND	ND	0.03	ND	ND
Amenable cyanide	0.280	0.200	ND	ND	NA	NA	ND	ND	ND	ND	ND	NA	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1003	MW-1003	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1004	MW-1005	MW-1005
Date Sampled			04/27/88	07/22/88	10/09/87	10/09/87	10/09/87	01/20/88	04/27/88	04/27/88	07/22/88	10/15/87	10/15/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/30/88	08/05/88					04/30/88		08/05/88		
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis					FDA	FDB	FDB					FDA	FDB
Lab Analysis			LDB			LDA	LDB						
Total cyanide	0.200	0.200	ND	ND	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	THS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1009	MW-1010	MW-1011	MW-1011	MW-1012	MW-1013	MW-1014	MW-1014	MW-1015	MW-1016	MW-1017
Date Sampled			10/15/87	10/15/87	10/22/87	10/22/87	10/26/87	10/22/87	10/26/87	04/27/88	10/17/87	10/16/87	10/17/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed										04/30/88			
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis					LDA	LDB							
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ND = Nothing detected

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1018	MW-1019	MW-1020	MW-1020	MW-1020	MW-1020	MW-1020	MW-1020	MW-1021	MW-1021	MW-1022
Date Sampled			10/08/87	10/21/87	10/08/87	01/13/88	01/13/88	01/13/88	04/18/88	07/15/88	10/27/87	10/27/87	10/20/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed									04/20/88	07/27/88			
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC
Field Analysis						FDA	FDB	FDB					
Lab Analysis							LDA	LDB					
Total cyanide	0.200	0.200	ND	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Canonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1022	MW-1023	MW-1024	MW-1025	MW-1026	MW-1027	MW-1028	MW-1028	MW-1029	MW-1029	MW-1030
Date Sampled			10/20/87	10/22/87	10/15/87	10/15/87	10/14/87	10/14/87	10/14/87	10/14/87	10/12/87	10/12/87	10/12/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed													
Lab			CES	SAC	SAC	SAC	SAC	SAC	SAC	CES	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis													LDA
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1030	MW-1031	MW-1031	MW-1032	MW-1033	MW-1034	MW-1034	MW-1034	MW-1034	MW-1034	MW-1034
Date Sampled			10/12/87	10/12/87	10/12/87	10/09/87	10/13/87	10/13/87	10/13/87	01/12/88	01/12/88	04/15/88	07/13/88
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	04/20/88 SAC	07/26/88 SAC
Field Analysis				FDA	FDB						FDA		
Lab Analysis			LDB					LDA	LDB			FDB	
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	0.03	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	ND	ND	0.03	ND	NA	NA	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1035	MW-1036	MW-1036	MW-1037	MW-1037	MW-1038	MW-1039	MW-1039	MW-1040	MW-1041	MW-1041
Date Sampled			10/13/87	10/21/87	10/21/87	10/13/87	04/18/88	10/13/87	10/13/87	04/18/88	10/20/87	10/14/87	10/14/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed							04/20/88			04/20/88			
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	CES
Field Analysis				FDA	FDB								
Lab Analysis													
Total cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

ALL UNITS ARE mg/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
CES = Cannonie Environmental Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed

MASTER LOG OF WELLS SAMPLED FOR METHOD 9010 ANALYTES

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1042	MW-1042	MW-1043
Date Sampled			10/14/87	10/14/87	10/14/87
Sampled By			RADIAN	RADIAN	RADIAN
Date Analyzed					
Lab					
Field Analysis			SAC	SAC	SAC
Lab Analysis			LDA	LDB	
Total cyanide	0.200	0.200	ND	ND	ND
Amenable cyanide	0.200	0.200	ND	ND	ND

ALL UNITS ARE mg/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected

RADIAN CORPORATION

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CORPORATION

RESULTS FOR RADIOACTIVITY

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MASTER LOG OF WELLS SAMPLED FOR RADIOACTIVITY (AUGUST 1983)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER CW-136	CW-340	CW-341	CW-363	CW-365	CW-913	CW-916
Date Sampled				08/24/83	08/24/83	08/24/83	08/24/83		08/25/83
Sampled By									
Date Analyzed									
Lab			RAS	RAS	RAS		RAS	RAS	RAS
Field Analysis									
Lab Analysis									
Alpha	NE	NE	1.5+/-0.6	2.6+/-0.83	1.0+/-0.62	3.7+/-1.0	1.8+/-0.7	ND	1.0+/-0.6
Beta	NE	NE	4.3+/-1.2	ND	ND	5.1+/-1.9	ND	4.5+/-1.1	ND

ALL UNITS ARE ug/l
CW = Off base residential well

RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

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RESULTS FOR HERBICIDES

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MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-1	BW-2	BW-8	BW-8	BW-10	BW-11	BW-12	BW-13	BW-17	BW-17	BW-18
Date Sampled			02/05/82	02/05/82		02/05/82		02/05/82	02/05/82	02/05/82		02/05/82	02/05/82
Sampled By			ES	ES		ES		ES	ES	ES		ES	ES
Date Analyzed					10/05/83		10/05/83				10/05/83		
Lab			ES	ES	RAS	ES	RAS	ES	ES	ES	RAS	ES	ES
Field Analysis													
Lab Analysis													
2,4-D	100	100	0.04	0.04	ND	0.06	ND	0.02	0.03	0.006	ND	ND	ND
2,4,5-TP (silvex)	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	ND	0.18	NA	0.01	NA	0.004	0.05	0.006	NA	ND	0.003

ALL UNITS ARE ug/l
BW = Base production well

ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-20	BW-28	BW-28	BW-29	MW-4	MW-4	MW-6	MW-6	MW-7	MW-7	MW-7
Date Sampled					02/05/82	02/05/82	04/28/82	10/02/84	03/30/82	10/01/84	03/17/82	03/29/82	09/21/84
Sampled By					ES	ES	ES	RADIAN	ES	RADIAN	ES	ES	RADIAN
Date Analyzed			10/05/83	10/05/83				10/16/84		10/26/84			10/14/84
Lab			RAS	RAS				RAS		RAS			RAS
Field Analysis					ES	ES	ES		ES		ES	ES	
Lab Analysis													
2,4-D	100	100	ND	ND	0.008	0.01	0.377	ND	0.02	ND	ND	0.03	ND
2,4,5-TP (silvex)	10	10	ND	ND	ND	ND	0.06	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	NA	NA	0.002	0.002	ND	ND	0.006	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
BW = Base production well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-8	MW-9	MW-9	MW-9	MW-10	MW-10	MW-11	MW-11	MW-12	MW-12	MW-13
Date Sampled			03/31/82	03/31/82	04/28/82	09/30/84	03/30/82	09/18/84	03/30/82	09/19/84	04/29/82	09/20/84	03/30/82
Sampled By			ES	ES	ES	RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	ES
Date Analyzed Lab						10/17/84		09/28/84		09/28/84		10/14/84	
Field Analysis			ES	ES	ES	RAS	ES	RAS	ES	RAS	ES	RAS	ES
Lab Analysis													
2,4-D	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TP (silvex)	10	10	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	0.008	0.003	0.007	ND	ND	ND	ND	ND	0.004	ND	0.009

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-14	MW-14	MW-15	MW-15	MW-16D	MW-16D	MW-16D	MW-16S	MW-16S	MW-16S	MW-17D
Date Sampled			03/30/82	09/20/84	04/29/82	09/18/84	06/16/82	08/17/82	09/24/84	06/16/82	08/17/82	09/26/84	06/16/82
Sampled By			ES	RADIAN	ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES
Date Analyzed				10/14/84		09/28/84		08/26/82	10/14/84		08/27/82	10/17/84	
Lab			ES	RAS	ES	RAS	ES	ES	RAS	ES	ES	RAS	ES
Field Analysis													
Lab Analysis													
2,4-D	100	100	ND	ND	0.02	ND	0.082	ND	ND	0.058	ND	ND	0.099
2,4,5-TP (silvex)	10	10	ND	ND	0.36	ND	0.080	ND	ND	0.094	ND	ND	ND
2,4,5-T	NE	NE	0.005	ND	ND	ND	0.037	ND	ND	0.020	ND	ND	0.032

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-17D	MW-17D	MW-17D	MW-17S	MW-17S	MW-17S	MW-18D	MW-18D	MW-18D	MW-18D	MW-18S
Date Sampled			08/17/82	09/26/84	05/30/85	06/16/82	08/17/82	09/13/84	06/15/82	08/16/82	09/25/84	09/25/84	06/15/82
Sampled By			ES	RADIAN	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	ES
Date Analyzed			08/26/82	10/17/84	06/20/85			09/28/84			10/17/84	10/15/84	
Lab			ES	RAS	AMLABS	ES	ES	RAS	ES	ES	RAS	RAS	ES
Field Analysis											FDA	FDB	
Lab Analysis													
2,4-D	100	100	ND	ND	ND	0.114	ND	ND	0.122	ND	ND	ND	0.138
2,4,5-TP (silvex)	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	ND	0.3	ND	0.031	ND	ND	0.022	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-18S	MW-18S	MW-19D	MW-19D	MW-19D	MW-19S	MW-19S	MW-19S	MW-20D	MW-20D	MW-20D
Date Sampled			08/16/82	09/29/84	04/29/82	08/16/82	09/13/84	04/28/82	08/16/82	09/14/84	04/28/82	08/11/82	09/19/84
Sampled By			ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN
Date Analyzed				10/17/84			09/27/84		08/31/82	09/27/84		08/26/82	09/28/84
Lab			ES	RAS	ES	ES	RAS	ES	ES	RAS	ES	ES	RAS
Field Analysis													
Lab Analysis													
2,4-D	100	100	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TP (silvex)	10	10	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-20S	MW-20S	MW-20S	MW-21D	MW-21D	MW-21D	MW-21D	MW-21S	MW-21S	MW-21S	MW-22D
Date Sampled			05/25/82	08/11/82	09/30/84	06/15/82	08/13/82	09/17/84	09/17/84	06/15/82	08/13/82	09/17/84	04/28/82
Sampled By			ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	ES	ES	RADIAN	ES
Date Analyzed					10/17/84		08/26/82	09/28/84	09/27/84		08/27/82	09/27/84	
Lab			ES	ES	RAS	ES	ES	RAS	RAS	ES	ES	RAS	ES
Field Analysis								FDA	FDB				
Lab Analysis													
2,4-D	100	100	ND	0.13	ND	0.175	ND	ND	ND	0.122	ND	ND	ND
2,4,5-TP (silvex)	10	10	ND	ND	ND	0.42	ND	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	0.008	ND	ND	0.044	ND	ND	ND	0.087	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-22D	MW-22D	MW-22D	MW-22S	MW-22S	MW-22S	MW-23D	MW-23D	MW-23D	MW-23D	MW-23S
Date Sampled			08/13/82	09/20/84	09/20/84	06/04/82	08/13/82	09/21/84	04/28/82	08/13/82	09/26/84	06/10/85	04/28/82
Sampled By			ES	RADIAN	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	ES
Date Analyzed			08/27/82	10/14/84	10/14/84		08/27/82	10/14/84		08/27/82	10/17/84	06/28/85	
Lab			ES	RAS	RAS	ES	ES	RAS	ES	ES	RAS	ANLABS	ES
Field Analysis				FDA	FDB								
Lab Analysis													
2,4-D	100	100	ND	0.1	ND	0.026	ND	ND	ND	ND	ND	ND	ND
2,4,5-TP (silvex)	10	10	ND	0.1	ND	0.031	ND	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	ND	0.07	ND	0.003	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services
ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-23S	MW-23S	MW-24D	MW-24D	MW-24D	MW-24S	MW-24S	MW-24S	MW-25D	MW-25D	MW-25D
Date Sampled			08/13/82	09/29/84	04/28/82	08/12/82	09/27/84	04/28/82	08/12/82	09/12/84	06/15/82	08/12/82	09/25/84
Sampled By			ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN
Date Analyzed			08/31/82	10/17/84		08/27/82	10/17/84			09/28/84		08/27/82	10/15/84
Lab			ES	RAS	ES	ES	RAS	ES	ES	RAS	ES	ES	RAS
Field Analysis													
Lab Analysis													
2,4-D	100	100	ND	ND	ND	ND	ND	ND	ND	ND	0.12	ND	ND
2,4,5-TP (silvex)	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	ND	ND	0.60	0.005	ND	ND	0.027	ND	0.025	0.004	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-25S	MW-25S	MW-25S	MW-26D	MW-26D	MW-26D	MW-26D	MW-26D	MW-26S	MW-26S	MW-26S
Date Sampled			06/16/82	08/12/82	09/29/84	04/28/82	08/11/82	08/11/82	08/11/82	09/27/84	06/16/82	08/11/82	09/29/84
Sampled By			ES	ES	RADIAN	ES	ES	ES	ES	RADIAN	ES	ES	RADIAN
Date Analyzed				08/30/82	10/17/84					10/16/84			10/17/84
Lab			ES	ES	RAS	ES	ES	ES	ES	RAS	ES	ES	RAS
Field Analysis													
Lab Analysis													
2,4-D	100	100	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND
2,4,5-TP (silvex)	10	10	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND
2,4,5-T	NE	NE	ND	ND	ND	0.004	0.038	0.004	0.038	ND	0.002	0.002	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

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MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27D	MW-27D	MW-27D	MW-27S	MW-27S	MW-28D	MW-28D	MW-28D	MW-28S	MW-29D
Date Sampled			04/28/82	08/12/82	10/01/84	10/01/84	08/12/82	09/12/84	06/16/82	08/17/82	09/26/84	06/16/82	04/28/82
Sampled By			ES	ES	RADIAN	RADIAN	ES	RADIAN	ES	ES	RADIAN	ES	ES
Date Analyzed				08/31/82	10/17/84	10/17/84		09/27/84			10/17/84		
Lab			ES	ES	RAS	RAS	ES	RAS	ES	ES	RAS	ES	ES
Field Analysis					FDA	FDB							
Lab Analysis													
2,4-D	100	100	0.24	ND	ND	ND	ND	ND	0.246	ND	ND	0.014	ND
2,4,5-TP (silvex)	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	ND	0.003	ND	ND	0.002	ND	0.022	ND	ND	0.002	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

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MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29D	MW-29D	MW-29D	MW-29S	MW-30S	MW-30S	MW-30S	MW-31S	MW-31S	MW-31S	MW-31S
Date Sampled			08/16/82	10/01/84	10/01/84	08/17/82	06/16/82	08/17/82	09/18/84	06/15/82	08/17/82	09/25/84	09/25/84
Sampled by			ES	RADIAN	RADIAN	ES	ES	ES	RADIAN	ES	ES	RADIAN	RADIAN
Date Analyzed				10/26/84	10/26/84	08/30/82		09/01/82	09/28/84		08/27/82	10/14/84	10/14/84
Lab			ES	RAS	RAS	ES	ES	ES	RAS	ES	ES	RAS	RAS
Field Analysis				FDA	FDB								
Lab Analysis													
2,4-D	100	100	ND	ND	ND	ND	0.063	ND	ND	ND	ND	ND	ND
2,4,5-TP (silvex)	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	ND	ND	ND	ND	0.024	ND	ND	ND	0.003	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DTS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-33S	MW-36S	MW-36S	MW-37	MW-38D	MW-38D	MW-40S	MW-40S	MW-40S	MW-41S
Date Sampled			09/29/82	09/18/84	09/29/82	09/17/84	09/28/82	09/27/82	09/14/84	09/29/82	09/30/84	09/30/84	09/14/82
Sampled By			ES	RADIAN	ES	RADIAN	ES	ES	RADIAN	ES	RADIAN	RADIAN	ES
Date Analyzed			10/17/82	09/28/84	10/17/82	09/28/84	10/02/82	10/17/82	09/27/84	10/17/82	10/17/84	10/17/84	10/17/82
Lab			ES	RAS	ES	RAS	ES	ES	RAS	ES	RAS	RAS	ES
Field Analysis													
Lab Analysis													
2,4-D	100	100	0.134	ND	0.56	ND	ND	ND	0.5	ND	ND	ND	ND
2,4,5-TP (silvex)	10	10	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.1	ND
2,4,5-T	NE	NE	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-42S	MW-42S	MW-43S	MW-43S	MW-44S	MW-44S	MW-45S	MW-45S	MW-46S	MW-46S
Date Sampled			09/24/84	09/27/82	09/28/84	09/14/82	09/13/84	09/13/82	09/21/84	09/14/82	09/19/84	09/21/82	09/29/84
Sampled By			RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN
Date Analyzed			10/14/84	10/18/82	10/17/84	10/18/82	09/28/84	10/18/82	10/14/84	11/01/82	09/28/84	10/18/82	10/17/84
Lab			RAS	ES	RAS	ES	RAS	ES	RAS	ES	RAS	ES	RAS
Field Analysis													
Lab Analysis													
2,4-D	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TP (silvex)	10	10	0.2	0.031	ND	0.030	ND	ND	ND	0.051	ND	ND	ND
2,4,5-T	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR HERBICIDES (FEBRUARY 1982-OCTOBER 1984)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-47S	MW-47S	MW-49	OW-654	OW-868	OW-908	OW-913	OW-916	OW-917	OW-917
Date Sampled			09/29/82	10/01/84	09/29/82	08/19/83	08/24/83	07/31/83		08/25/83	07/31/83	08/25/83
Sampled By			ES	RADIAN	ES							
Date Analyzed			11/02/82	10/17/84	10/18/82	09/28/83	10/05/83	09/28/83	09/28/83	09/28/83		09/28/83
Lab			ES	RAS	ES	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis												
Lab Analysis												
2,4-D	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TP (silvex)	10	10	0.196	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-T	NE	NE	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services

ND = Nothing detected
NA = Not analyzed
NE = Not established

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RESULTS FOR PESTICIDES

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-1	BW-2	BW-8	BW-8	BW-10	BW-10	BW-10	BW-10	BW-10	BW-11	BW-12
Date Sampled			02/05/82	02/05/82		02/05/82		12/02/85	03/26/86	03/26/86	12/04/86	02/05/82	02/05/82
Sampled By			ES	ES		ES		RADIAN	RADIAN	RADIAN	RADIAN	ES	ES
Date Analyzed					10/05/83		10/05/83	12/17/85	04/03/86	04/04/86	12/17/86		
Lab			ES	ES	RAS	ES	RAS	SAC	SAC	SAC	SAC	ES	ES
Field Analysis													
Lab Analysis									LDA	LDB			
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.07	ND
Alpha endosulfan	NE	NE	ND	0.03	ND	ND	ND	ND	ND	ND	ND	0.09	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	0.12	ND	0.26	ND	ND	ND	ND	ND	ND	0.003
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	0.06	ND	ND	ND	ND	ND	ND	ND	0.08	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Act'n Level	U.S.EPA Primary MCL	WELL NUMBER BW-13	BW-13	BW-13	BW-13	BW-13	BW-17	BW-17	BW-18	BW-18	BW-18	BW-18
Date Sampled				02/05/82	12/02/85	03/26/86	12/04/86		02/05/82	02/05/82	12/02/85	12/02/85	03/26/86
Sampled By				ES	RADIAN	RADIAN	RADIAN		ES	ES	RADIAN	RADIAN	RADIAN
Date Analyzed			10/05/83		12/16/85	04/03/86	12/17/86	10/05/83			12/16/85	12/16/85	04/03/86
Lab			RAS	ES	SAC	SAC	SAC	RAS	ES	ES	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
Aldrin	(LOQ) .05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ) .05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	0.27	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	0.04	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	0.10	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Endrin keytone	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER										
			BW-18	BW-20	BW-28	BW-28	BW-29	BW-29	BW-29	BW-29	BW-29	MW-4	MW-4
Date Sampled			12/04/86			02/05/82	02/05/82	12/02/85	03/27/86	03/27/86	12/04/86	04/28/82	10/02/84
Sampled By			RADIAN			ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN
Date Analyzed			12/17/86	10/05/83	10/05/83			12/17/85	04/08/86	04/08/86	12/17/86		10/10/84
Lab			SAC	RAS	RAS	ES	ES	SAC	SAC	SAC	SAC	ES	RAS
Field Analysis									FDA	FDB			
Lab Analysis													
Aldrin	(LOQ) .05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ) .05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.043
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.168
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.76	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	0.24	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Gamma chlordane	0.055	NE	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Endrin heptone	NE	NE	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
BW = Base production well

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-6	MW-6	MW-7	MW-7	MW-7	MW-8	MW-9	MW-9	MW-9	MW-10	MW-10
Date Sampled			03/30/82	10/01/84	03/17/82	03/29/82	09/21/84	03/31/82	03/31/82	04/28/82	09/30/84	03/30/82	09/18/84
Sampled By			ES	RADIAN	ES	ES	RADIAN	ES	ES	ES	RADIAN	ES	RADIAN
Date Analyzed				10/23/84			10/15/84				10/23/84		10/09/84
Lab			ES	RAS	ES	ES	RAS	ES	ES	ES	RAS	ES	RAS
Field Analysis													
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	0.26	1.03	0.016	ND	0.15	ND	ND	1.80	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	0.039	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	0.148	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	0.036	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	0.70	0.024	ND	0.88	ND	0.04	ND	ND	ND	ND	0.006
Heptachlor epoxide	0.10	NE	ND	0.006	ND	ND	ND	ND	0.08	ND	ND	ND	0.005
Alpha-BHC	0.700	NE	ND	0.001	ND	ND	ND	ND	0.08	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	0.005	0.12	0.16	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-11	MW-11	MW-12	MW-12	MW-13	MW-14	MW-14	MW-15	MW-15	MW-16D	MW-16D
Date Sampled			03/30/82	09/19/84	04/29/82	09/20/84	03/30/82	03/30/82	09/20/84	04/29/82	09/18/84	06/16/82	08/17/82
Sampled By			ES	RADIAN	ES	RADIAN	ES	ES	RADIAN	ES	RADIAN	ES	ES
Date Analyzed				10/09/84		10/09/84			10/10/84		10/09/84		08/26/82
Lab			ES	RAS	ES	RAS	ES	ES	RAS	ES	RAS	ES	ES
Field Analysis													
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	6.97	ND	ND	ND	0.005	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.024	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	0.34	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.046	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	1.76	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	0.56	ND	ND	ND	ND	ND	ND	ND	0.008	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.42	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-16D	MW-16S	MW-16S	MW-16S	MW-17D	MW-17D	MW-17D	MW-17S	MW-17S	MW-17S	MW-18D
Date Sampled			09/24/84	06/16/82	08/17/82	09/26/84	06/16/82	08/17/82	09/26/84	06/16/82	08/17/82	09/13/84	06/15/82
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES
Date Analyzed			10/10/84		08/27/82	10/10/84		08/26/82	10/10/84			10/03/84	
Lab			RAS	ES	ES	RAS	ES	ES	RAS	ES	ES	RAS	ES
Field Analysis													
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	0.503	ND	ND	ND	ND	ND	0.112	ND	ND	0.01
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	0.35	ND	ND	0.04	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	0.24	ND	ND	0.11	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	0.022	ND	ND	0.007	ND	ND	ND	0.017
Alpha-BHC	0.700	NE	ND	ND	0.024	ND	ND	ND	0.002	ND	ND	0.006	ND
Beta-BHC	0.300	NE	ND	0.142	0.009	0.10	ND	ND	0.034	ND	ND	ND	0.005
Gamma-BHC	4	4.0	ND	ND	0.020	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	0.025	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-18D	MW-19D	MW-18D	MW-18D	MW-18D	MW-18S	MW-18S	MW-18S	MW-19D	MW-19D	MW-19D
Date Sampled			09/25/84	09/25/84	08/16/85	03/28/86	12/03/86	06/15/82	08/16/82	09/29/84	04/29/82	08/16/82	08/09/83
Sampled By			RADIAN	RADIAN	ES	RADIAN	RADIAN	ES	ES	RADIAN	ES	ES	
Date Analyzed			10/14/84	10/10/84	08/26/85	04/08/86	12/12/86			10/22/84			09/28/83
Lab			RAS	RAS	ES	SAC	SAC	ES	ES	RAS	ES	ES	RAS
Field Analysis			FDA	FDB									
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	0.052	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	0.015	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	0.033	0.018	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	0.089	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	0.011	0.008	ND	ND	ND	ND	0.027	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	0.065	ND	ND	ND	ND	0.032	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	0.022	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	0.036	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	0.05	NA	NA	ND	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-19D	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-20D	MW-20D	MW-20D	MW-20D
Date Sampled			09/13/84	04/28/82	08/16/82	08/09/83	09/14/84	03/13/86	10/16/86	04/28/82	08/11/82	09/19/84	01/29/87
Sampled By			RADIAN	ES	ES		RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	RADIAN
Date Analyzed			10/03/84		08/31/82	09/28/83	10/22/84	03/31/86	10/27/86			10/08/84	02/24/87
Lab			RAS	ES	ES	RAS	RAS	SAC	SAC	ES	ES	RAS	SAC
Field Analysis													
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	0.20	ND	ND	0.02	ND	ND	ND	ND	0.001	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	0.02	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-	NE	NE	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND
Alpha [illegible]sulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	0.2	ND	ND	ND	ND	0.47	ND
Endrin	0.200	0.200	ND	ND	ND	ND	0.05	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	0.056	ND	0.004	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.003	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	0.008	ND	ND	ND	ND	0.005	ND
Beta-BHC	300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012	ND
Gamma-BHC	4	4.0	ND	0.047	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND
Endrin ketone	NE	NE	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND

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MASTER LOG OF WE : SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-20S	MW-20S	MW-20S	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21S
Date Sampled			05/25/82	08/11/82	09/30/84	06/15/82	08/13/82	09/17/84	09/17/84	03/19/86	03/19/86	09/30/86	06/15/82
Sampled By			ES	ES	RADIAN	ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES
Date Analyzed					10/24/84		08/26/82	10/03/84	10/03/84	04/02/86	04/02/86	10/13/86	
Lab			ES	ES	RAS	ES	ES	RAS	RAS	SAC	SAC	SAC	ES
Field Analysis								FDA	FDB				
Lab Analysis										LDA	LDB		
Aldrin	(LOQ).05	NE	ND	ND	ND	0.012	ND	ND	ND	ND	ND	ND	0.049
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	0.05	NA	NA	NA	0.05	NA	NA	ND	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Endrin ketone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

ALL UNITS ARE ug/l

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-21S	MW-21S	MW-21S	MW-21S	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22S
Date Sampled			08/13/82	09/17/84	03/19/86	09/30/86	04/28/82	08/13/82	09/20/84	09/20/84	01/23/87	01/23/87	06/04/82
Sampled By			ES	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	ES
Date Analyzed			08/27/82	10/03/84	04/02/86	10/13/86		08/27/82	10/23/84	10/09/84	02/18/87	02/23/87	
Lab			ES	RAS	SAC	SAC	ES	ES	RAS	RAS	SAC	SAC	ES
Field Analysis									FDA	FDB			
Lab Analysis											LDA	LDB	
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	0.048	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.064
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	0.0039	ND	ND	ND	ND	0.083
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	ND	NA	NA	NA	0.05	ND	ND	NA
Gamma chlordane	0.055	NE	NA	NA	NA	ND	NA	NA	NA	NA	ND	ND	NA
Endrin ketone	NE	NE	NA	NA	NA	ND	NA	NA	NA	NA	ND	ND	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-22S	MW-22S	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23S	MW-23S	MW-23S
Date Sampled			08/13/82	09/21/84	04/28/82	08/13/82	09/26/84	03/17/86	03/17/86	10/16/86	04/28/82	08/13/82	09/29/84
Sampled By			ES	RADIAN	ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN
Date Analyzed			08/27/82	10/09/84		08/27/82	10/04/84	04/01/86	04/01/86	10/27/86		08/31/82	10/22/84
Lab			ES	RAS	ES	ES	RAS	SAC	SAC	SAC	ES	ES	RAS
Field Analysis								FDA	FDB				
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	nD	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	0.057	ND	ND	0.0018	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	0.039	ND	ND	ND	ND	ND	0.034	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Endrin keytone	NE	NE	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA

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Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-24D	MW-24D	MW-24D	MW-24D	MW-24D	MW-24S	MW-24S	MW-24S	MW-25D	MW-25D	MW-25S
Date Sampled			04/28/82	08/12/82	09/27/84	03/20/86	09/26/86	04/28/82	08/12/82	09/12/84	06/15/82	08/12/82	06/16/82
Sampled By			ES	ES	RADIAN	RADIAN	RADIAN	ES	ES	RADIAN	ES	ES	ES
Date Analyzed				08/27/82	10/11/84	04/04/86	10/09/86			10/03/84		08/27/82	
Lab			ES	ES	RAS	SAC	SAC	ES	ES	RAS	ES	ES	ES
Field Analysis													
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	0.018	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.32
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA

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Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-25S	MW-25S	MW-26D	MW-26D	MW-26D	MW-26S	MW-26S	MW-26S	MW-27D	MW-27D	MW-27D
Date Sampled			08/12/82	09/29/84	04/28/82	08/11/82	09/27/84	06/16/82	08/11/82	09/29/84	04/28/82	08/12/82	10/01/84
Sampled By			ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES	ES	RADIAN
Date Analyzed			08/30/82	10/22/84			10/11/84			10/22/84		08/31/82	10/23/84
Lab			ES	RAS	ES	ES	RAS	ES	ES	RAS	ES	ES	RAS
Field Analysis													FDA
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	0.165	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	.095	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	0.035	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	0.077	0.19	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	0.013	0.053	ND	0.12	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-27D	MW-27S	MW-27S	MW-27S	MW-28D	MW-28D	MW-28D	MW-28S	MW-29D	MW-29D	MW-29D
Date Sampled			10/01/84	06/16/82	08/12/82	09/12/84	06/17/82	08/17/82	09/26/84	06/16/82	04/28/82	08/16/82	10/01/84
Sampled By			RADIAN	ES	ES	RADIAN	ES	ES	RADIAN	ES	ES	ES	RADIAN
Date Analyzed			10/26/84			10/03/84			10/10/84				10/23/84
Lab			RAS	ES	ES	RAS	ES	ES	RAS	ES	ES	ES	RAS
Field Analysis			FDB										FDA
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	4.95	ND	ND	0.145	ND	ND	0.61	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	0.17	ND	ND	ND
Alpha-BHC	0.700	NE	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.016
Beta-BHC	0.300	NE	0.009	ND	ND	ND	0.027	ND	ND	ND	ND	ND	0.011
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	0.82	0.082	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29S	MW-30S	MW-30S	MW-30S	MW-31S	MW-31S
Date Sampled			10/01/84	04/03/86	04/03/86	12/03/86	08/12/87	08/17/82	06/16/82	08/17/82	09/18/84	06/15/82	08/17/82
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	ES	ES	RADIAN	ES	ES
Date Analyzed			10/23/84	04/14/86	04/14/86	12/15/86	08/27/87	08/30/82		09/01/82	10/08/84		08/27/82
Lab			RAS	SAC	SAC	SAC	SAC	ES	ES	ES	RAS	ES	ES
Field Analysis			FDB	FDA	FDB								
Lab Analysis													
Aldrin	(LOQ) .05	NE	NL	ND	ND	ND	ND	ND	0.041	ND	ND	2.53	ND
Dieldrin	(LOQ) .05	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.016	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	0.76	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011
Alpha-BHC	0.700	NE	0.013	ND	ND	ND	ND	ND	ND	0.018	0.003	ND	0.024
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	0.007	ND	0.046	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	1.54	ND	ND	ND	ND	0.0085
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	0.05	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-31S	MW-31S	MW-31S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-36S
Date Sampled			09/25/84	03/28/86	12/03/86	09/29/82	09/18/84	01/29/87	01/29/87	04/16/87	07/31/87	07/31/87	09/29/82
Sampled By			RADIAN	RADIAN	RADIAN	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES
Date Analyzed			10/10/84	04/08/86	12/15/86	10/17/82	10/08/84	02/24/87	02/24/87	04/30/87	08/11/87	08/11/87	10/17/82
Lab			RAS	SAC	SAC	ES	RAS	SAC	SAC	SAC	SAC	SAC	ES
Field Analysis								FDA	FDB				
Lab Analysis											LDA	LDB	
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	0.91	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015
Delta-BHC	NE	NE	ND	ND	ND	0.066	ND	ND	ND	ND	ND	ND	0.052
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	NA
Gamma chlordane	0.055	NE	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	NA
Endrin ketone	NE	NE	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-37	MW-38D	MW-38D	MW-38D	MW-40S	MW-40S
Date Sampled			09/17/84	03/31/86	09/17/86	04/16/87	04/16/87	09/28/82	09/27/82	08/09/83	09/14/84	09/29/82	09/30/84
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	ES	ES		RADIAN	ES	RADIAN
Date Analyzed			10/23/84	04/09/86	09/24/86	05/01/87	05/01/87	10/02/82	10/17/82	09/28/83	10/22/84	10/17/82	10/22/84
Lab			RAS	SAC	SAC	SAC	SAC	ES	ES	RAS	RAS	ES	RAS
Field Analysis													
Lab Analysis						LDA	LDB						
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.055
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	0.013	ND	ND	ND	ND	ND	0.021	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	0.121	ND	ND	ND	0.048	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-41S	MW-41S	MW-41S	MW-41S	MW-41S	MW-42S	MW-42S	MW-43S	MW-43S	MW-44S	MW-44S
Date Sampled			09/14/82	09/24/84	03/13/86	11/18/86	11/18/86	09/27/82	09/28/84	09/14/82	09/13/84	09/13/82	09/21/84
Sampled By			ES	RADIAN	RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN
Date Analyzed			10/17/82	10/10/84	03/31/86	12/01/86	12/01/86	10/18/82	10/11/84	10/18/82	10/02/84	10/18/82	10/09/84
Lab			ES	RAS	SAC	SAC	SAC	ES	RAS	ES	RAS	ES	RAS
Field Analysis						FDA	FDB						
Lab Analysis													
Aldrin	(LOQ) .05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ) .05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	0.020	ND	ND	ND	0.03
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	0.013	.D	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	0.012	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	0.051	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-44S	MW-44S	MW-44S	MW-45S	MW-45S	MW-46S	MW-46S	MW-47S	MW-47S	MW-49	MW-51
Date Sampled			03/21/86	09/17/86	01/12/87	09/14/82	09/19/84	09/21/82	09/29/84	09/29/82	10/01/84	09/29/82	11/22/86
Sampled By			RADIAN	RADIAN	RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN	ES	RADIAN
Date Analyzed			04/02/86	09/24/86	01/21/87	11/01/82	10/08/84	10/18/82	10/22/84	11/02/82	10/22/84	10/18/82	12/09/86
Lab			SAC	SAC	SAC	ES	RAS	ES	RAS	ES	RAS	ES	SAC
Field Analysis													
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	0.068	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	0.038	ND	0.016	ND	0.041	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	0.121	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND
Gamma chlordane	0.055	NE	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND
Endrin ketone	NE	NE	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND

ALL UNITS ARE ug/l

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-52	MW-53	MW-54	MW-54	MW-54	MW-55	MW-55	MW-55	MW-57	MW-57	MW-58
Date Sampled			11/24/86	11/21/86	11/20/86	04/27/87	04/27/87	11/22/86	11/22/86	04/20/87	11/19/86	04/28/87	11/21/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/10/86	12/09/86	12/10/86	05/06/87	05/14/87	12/09/86	12/09/86	05/01/87	12/05/86	05/12/87	12/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA	FDA			FDA		FDA	
Lab Analysis								LDA	LDB	LDA			
Aldrin	(LOQ) .05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ) .05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-59	MW-59	MW-59	MW-59	MW-60	MW-61	MW-61	MW-61	MW-61	MW-63	MW-63
Date Sampled			04/02/86	04/02/86	11/18/86	04/21/87	01/13/87	03/19/86	12/01/86	12/01/86	01/29/87	04/02/86	04/02/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/10/86	04/10/86	12/01/86	05/01/87	01/20/87	04/01/86	12/17/86	12/17/86	02/24/87	04/10/86	04/10/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis						FDA						FDA	FDB
Lab Analysis			LDA	LDB					LDA	LDB			
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	ND	ND	ND	NA	ND	ND	ND	NA	NA
Gamma chlordane	0.055	NE	NA	NA	ND	ND	ND	NA	ND	ND	ND	NA	NA
Endrin keytone	NE	NE	NA	NA	ND	ND	ND	NA	ND	ND	ND	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
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NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-63	MW-63	MW-67	MW-67	MW-69	MW-70	MW-88	MW-89	MW-89	MW-90	MW-91
Date Sampled			11/25/86	11/25/86	03/20/86	10/17/86	11/25/86	01/29/87	01/06/87	01/06/87	01/06/87	01/20/87	01/20/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/11/86	12/09/86	04/03/86	10/28/86	12/12/86	02/23/87	01/14/87	01/14/87	01/14/87	02/18/87	02/18/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDA	FDB									FDA
Lab Analysis											LDB		
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Gamma chlordane	0.055	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

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FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDB = Second laboratory duplicate analysis

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER MW-91	MW-100	MW-100	MW-100	MW-100	MW-101	MW-101	MW-101	MW-101	MW-101	MW-102
Date Sampled			01/20/87	12/21/85	12/21/85	02/27/86	09/16/86	11/18/85	11/18/85	03/05/86	09/16/86	08/05/87	11/05/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			02/18/87	01/07/86	01/07/86	03/11/86	09/22/86	11/25/85	11/26/85	03/24/86	09/22/86	08/12/87	11/13/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB	FDA	FDB								
Lab Analysis								LDA	LDB				
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	NA	NA	NA	ND	NA	NA	NA	ND	ND	NA
Gamma chlordane	0.055	NE	ND	NA	NA	NA	ND	NA	NA	NA	ND	ND	NA
Endrin ketone	NE	NE	ND	NA	NA	NA	ND	NA	NA	NA	ND	ND	NA

ALL UNITS ARE ug/l

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FDA = First field duplicate analysis
FDB = Second field duplicate analysis
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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	THS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-102	MW-102	MW-102	MW-102	MW-103	MW-103	MW-103	MW-103	MW-103	MW-103	MW-104
Date Sampled			03/11/86	03/11/86	09/18/86	08/07/87	12/20/85	12/20/85	12/20/85	03/11/86	09/18/86	08/04/87	12/15/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/01/86	03/28/86	09/29/86	08/17/87	01/07/86	01/07/86	01/07/86	03/28/86	09/29/86	08/11/87	12/20/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDA	FDB				
Lab Analysis			LDA	LDB			LDA	LDB					
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND	NA
Gamma chlordane	0.055	NE	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND	NA
Endrin ketone	NE	NE	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND	NA

ALL UNITS ARE ug/l

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FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-104	MW-104	MW-105	MW-105	MW-105	MW-105	MW-106	MW-106	MW-106	MW-107	MW-107
Date Sampled			03/26/86	12/02/86	12/21/75	03/27/86	12/04/86	12/04/86	11/21/85	03/13/86	09/18/86	11/07/85	04/01/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/02/86	12/17/86	01/07/86	04/08/86	12/16/86	12/16/86	11/30/85	03/31/86	09/29/86	11/14/85	04/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis							FDA	FDB					
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA
Gamma chlordane	0.055	NE	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA
Endrin ketone	NE	NE	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-107	MW-108	MW-108	MW-108	MW-109	MW-110	MW-110	MW-110	MW-111	MW-111	MW-111
Date Sampled			09/19/86	12/27/85	04/01/86	09/19/86	11/06/86	11/06/85	03/31/86	09/19/86	11/06/85	04/03/86	04/03/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/01/86	01/08/86	04/09/86	09/30/86	11/18/86	11/13/85	04/09/86	10/01/86	11/13/85	04/14/86	04/14/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis												FDA	FDB
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(hOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	NA
Gamma chlordane	0.055	NE	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	NA
Endrin ketone	NE	NE	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	NA

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN CORPORATION

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-111	MW-111	MW-112	MW-112	MW-112	MW-113	MW-114	MW-114	MW-114	MW-115	MW-115
Date Sampled			09/22/86	09/22/86	12/20/85	04/02/86	09/22/86	11/06/86	11/11/85	02/28/86	11/26/86	12/19/85	03/06/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/01/86	10/01/86	01/07/86	04/10/86	10/01/86	11/18/86	11/19/85	03/13/86	12/09/86	12/30/85	03/25/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis			LDA	LDB									
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA
Gamma chlordane	0.055	NE	ND	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA
Endrin ketone	NE	NE	ND	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-115	MW-116	MW-116	MW-116	MW-116	MW-116	MW-116	MW-117	MW-117	MW-117	MW-117
Date Sampled			12/02/86	11/11/85	11/11/85	02/28/86	02/28/86	09/26/86	09/26/86	03/04/86	10/20/86	10/20/86	10/20/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/17/86	11/15/85	11/19/85	03/14/86	03/13/86	10/09/86	10/09/86	03/24/86	10/29/86	10/29/86	10/29/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis				FDA	FDB						FDA	FDB	FDB
Lab Analysis						LDA	LDB	LDA	LDB			LDA	LDB
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	NB	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND
Gamma chlordane	0.055	NE	ND	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND
Endrin ketone	NE	NE	ND	NA	NA	NA	NA	ND	ND	NA	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-118	MW-118	MW-119	MW-119	MW-120	MW-120	MW-120	MW-121	MW-121	MW-122	MW-122
Date Sampled			03/25/86	10/21/86	03/05/86	10/20/86	03/04/86	10/13/86	10/13/86	02/26/86	10/13/86	02/26/86	11/12/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/03/86	11/03/86	03/24/86	10/29/86	03/24/86	10/21/86	10/21/86	03/11/86	10/21/86	03/11/86	11/20/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB				
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	ND
Gamma chlordane	0.055	NE	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	ND
Endrin ketone	NE	NE	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-123	MW-123	MW-124	MW-124	MW-125	MW-126	MW-127	MW-127	MW-128	MW-128	MW-128
Date Sampled			03/25/86	10/21/86	02/25/86	11/24/86	02/25/86	03/03/86	03/04/86	10/24/86	11/13/86	11/13/86	01/16/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/02/86	11/03/86	03/11/86	12/10/86	03/11/86	03/11/86	03/24/86	10/29/86	11/25/86	11/25/86	02/18/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis											LDA	LDB	
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND
Gamma chlordane	0.055	NE	NA	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND
Endrin ketone	NE	NE	NA	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-128	MW-129	MW-129	MW-130	MW-130	MW-131	MW-131	MW-131	MW-132	MW-132	MW-132
Date Sampled			04/16/87	11/17/86	01/16/87	11/13/86	01/16/87	11/19/86	11/19/86	11/19/86	11/24/86	01/21/87	05/15/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			04/30/87	12/01/86	02/18/87	11/25/86	02/19/87	12/04/86	12/05/86	12/05/86	12/10/86	02/19/87	05/20/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB	FDB			FDA
Lab Analysis									LDA	LDB			
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established
Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW-140 and EW-141

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-132	MW-1000	MW-1000	MW-1000	MW-1001	MW-1001	MW-1001	MW-1002	MW-1002	MW-1002	MW-1002
Date Sampled			07/29/87	12/12/85	03/07/86	12/05/86	12/18/85	04/04/86	10/15/86	11/07/85	04/02/86	04/02/86	09/25/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			08/10/87	12/20/85	03/27/86	12/18/86	12/27/85	04/14/86	10/27/86	11/14/85	04/10/86	04/10/86	10/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA	FDB	
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND
Gamma chlordane	0.055	NE	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND
Endrin keytone	NE	NE	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1003	MW-1003	MW-1003	MW-1004	MW-1004	MW-1004	MW-1004	MW-1005	MW-1005	MW-1005	MW-1005
Date Sampled			12/18/85	03/18/86	10/15/86	12/18/85	03/18/86	09/29/86	09/29/86	12/17/85	12/17/85	03/14/86	09/25/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/30/85	04/02/86	10/27/86	12/27/85	04/01/86	10/09/86	10/09/86	12/23/85	12/23/85	03/31/86	10/09/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis								FDA	FDB				FDA
Lab Analysis										LDA	LDB		
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA	ND
Gamma chlordane	0.055	NE	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA	ND
Endrin ketone	NE	NE	NA	NA	ND	NA	NA	ND	ND	NA	NA	NA	ND

ALL UNITS ARE ug/l

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FDB = Second field duplicate analysis
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LDB = Second laboratory duplicate analysis

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1005	MW-1005	MW-1009	MW-1009	MW-1009	MW-1009	MW-1010	MW-1010	MW-1010	MW-1011	MW-1011
Date Sampled			09/25/86	04/16/87	12/19/85	03/21/86	10/09/86	10/09/86	04/08/86	04/08/86	10/23/86	11/05/85	03/27/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/09/86	05/01/87	12/30/85	04/02/86	10/21/86	10/21/86	04/14/86	04/14/86	11/03/86	11/13/85	04/08/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis			FDB	FDA					FDA	FDB			
Lab Analysis							LDA	LDB					
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA
Gamma chlordane	0.055	NE	ND	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA
Endrin ketone	NE	NE	ND	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA

ALL UNITS ARE ug/l
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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1011	MW-1012	MW-1012	MW-1012	MW-1012	MW-1013	MW-1013	MW-1013	MW-1013	MW-1014	MW-1014
Date Sampled			12/01/86	11/15/85	03/06/86	09/24/86	07/27/87	11/12/85	03/11/86	12/01/86	04/20/87	11/14/85	03/12/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/12/86	11/25/85	03/27/86	10/07/86	07/31/87	11/19/85	03/27/86	12/12/86	05/01/87	11/21/85	03/28/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis											FDA		
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	NA	NA	ND	ND	NA	NA	ND	ND	NA	NA
Gamma chlordane	0.055	NE	ND	NA	NA	ND	ND	NA	NA	ND	ND	NA	NA
Endrin ketone	NE	NE	ND	NA	NA	ND	ND	NA	NA	ND	ND	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1014	MW-1015	MW-1015	MW-1015	MW-1016	MW-1016	MW-1016	MW-1017	MW-1017	MW-1017	MW-1018
Date Sampled			12/03/86	12/14/85	03/25/86	12/05/86	11/14/85	03/12/86	12/01/86	11/08/85	03/18/86	09/23/86	11/18/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/15/86	12/20/85	04/03/86	12/18/86	11/22/85	03/28/86	12/12/86	11/19/85	04/01/86	10/07/86	11/25/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA
Gamma chlordane	0.055	NE	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA
Endrin ketone	NE	NE	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1018	MW-1018	MW-1019	MW-1019	MW-1019	MW-1019	MW-1020	MW-1020	MW-1020	MW-1020	MW-1021
Date Sampled			03/12/86	09/23/86	12/19/85	03/14/86	03/14/86	09/24/86	11/08/85	11/08/85	03/07/86	12/01/86	11/07/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			03/31/86	10/06/86	12/30/85	03/31/86	03/31/86	10/07/86	11/19/85	11/19/85	03/27/86	12/12/86	11/19/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis						LDA	LDB		LDA	LDB			
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND	ND
Gamma chlordane	0.055	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND	ND
Endrin ketone	NE	NE	NA	NA	NA	NA	NA	ND	NA	NA	NA	ND	ND

ALL UNITS ARE ug/l

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MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1022	MW-1023	MW-1024	MW-1025	MW-1026	MW-1026	MW-1027	MW-1029	MW-1029	MW-1030	MW-1031
Date Sampled			11/07/86	11/04/86	11/04/86	11/03/86	11/05/86	11/05/86	11/25/86	11/11/86	11/11/86	11/11/86	11/18/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/19/86	11/18/86	11/18/86	11/18/86	11/18/86	11/19/86	12/09/86	11/19/86	11/19/86	11/19/86	12/01/86
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis										FDA	FDB		
Lab Analysis							LDA	LDB					
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1032	MW-1033	MW-1034	MW-1035	MW-1036	MW-1037	MW-1037	MW-1038	MW-1038	MW-1039	MW-1039
Date Sampled			11/19/86	11/12/86	11/12/86	11/25/86	11/19/86	10/31/86	08/12/87	11/20/86	08/04/87	11/20/86	08/03/87
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			12/05/86	11/20/86	11/20/86	12/09/86	12/05/86	11/07/86	08/27/87	12/02/86	08/12/87	12/02/86	08/11/87
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis													
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Gamma chlordane	0.055	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Endrin ketone	NE	NE	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1040	MW-1041	MW-1042	MW-1043	OW-136	OW-136	OW-136	OW-142	OW-148	OW-155	OW-358
Date Sampled			11/17/86	11/14/86	11/21/86	11/21/86	01/21/86	01/21/86	10/17/86	10/30/86	01/21/86	04/14/86	10/14/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/25/86	11/24/86	12/09/86	12/09/86	02/03/86	02/03/86	10/27/86	11/18/86	02/03/86	04/22/86	10/24/86
Lab			SAC	SAC	SAC	SAC	RAS	RAS	SAC	SAC	RAS	SAC	SAC
Field Analysis													
Lab Analysis							LDA	LDB					
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Gamma chlordane	0.055	NE	ND	ND	ND	ND	NA	NA	ND	ND	NA	NA	ND
Endrin keytone	NE	NE	ND	ND	ND	ND	NA	NA	ND	ND	NA	NA	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-544	OW-544	OW-654	OW-810	OW-810	OW-810	OW-829	OW-829	OW-868	OW-899	OW-906
Date Sampled			10/28/86	10/28/86	08/19/83	10/13/86	10/13/86	10/13/86	10/27/86	10/27/86	08/24/83	04/16/86	10/30/86
Sampled By			RADIAN	RADIAN		RADIAN	RADIAN	RADIAN	RADIAN	RADIAN		RADIAN	RADIAN
Date Analyzed			11/03/86	11/13/86	09/25/83	10/24/86	10/24/86	10/24/86	11/03/86	11/13/86	09/25/83	04/24/86	11/18/86
Lab			SAC	ELI	RAS	SAC	SAC	SAC	SAC	ELI	RAS	SAC	SAC
Field Analysis						FDA	FDB	FDB					
Lab Analysis							LDA	LDB					LDA
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	NL	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA	ND
Gamma chlordane	0.055	NE	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA	ND
Endrin ketone	NE	NE	ND	ND	NA	ND	ND	ND	ND	ND	NA	NA	ND

ALL UNITS ARE ug/l

FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento
ELI = Eureka Laboratories, Inc.

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S. EPA Primary MCL	WELL NUMBER										
			OW-906	OW-910	OW-911	OW-911	OW-911	OW-913	OW-916	OW-917	OW-920	OW-920	OW-921
Date Sampled			10/30/86	10/29/86	09/19/85	09/19/85	11/20/85	07/31/83	08/25/83	07/31/83	09/19/85	11/20/85	09/19/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN				RADIAN	RADIAN	RADIAN
Date Analyzed			11/18/86	11/06/86	09/30/85	09/30/85	11/30/85	09/28/83	10/05/83		09/30/85	11/30/85	09/30/85
Lab			SAC	SAC	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS	RAS
Field Analysis													
Lab Analysis			LDB		LDA	LDB							
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma chlordane	0.055	NE	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

ALL UNITS ARE ug/l
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR PESTICIDES (FEBRUARY 1982-AUGUST 1987)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER OW-921	OW-921	OW-924	OW-924	OW-924	OW-1238
Date Sampled			11/20/85	11/20/85	10/28/86	10/28/86	10/28/86	10/29/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/30/85	11/30/85	11/03/86	11/13/86	11/13/86	11/06/86
Lab			RAS	RAS	SAC	ELI	ELI	SAC
Field Analysis								
Lab Analysis			LDA	LDB		LDA	LDB	
Aldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND
Dieldrin	(LOQ).05	NE	ND	ND	ND	ND	ND	ND
Alpha chlordane	0.055	NE	ND	ND	ND	ND	ND	ND
4,4'-DDT	NE	NE	ND	ND	ND	ND	ND	ND
4,4'-DDE	NE	NE	ND	ND	ND	ND	ND	ND
4,4'-DDD	NE	NE	ND	ND	ND	ND	ND	ND
Alpha endosulfan	NE	NE	ND	ND	ND	ND	ND	ND
Beta endosulfan	NE	NE	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	NE	NE	ND	ND	ND	ND	ND	ND
Endrin	0.200	0.200	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NE	NE	ND	ND	ND	ND	ND	ND
Heptachlor	0.020	NE	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.10	NE	ND	ND	ND	ND	ND	ND
Alpha-BHC	0.700	NE	ND	ND	ND	ND	ND	ND
Beta-BHC	0.300	NE	ND	ND	ND	ND	ND	ND
Gamma-BHC	4	4.0	ND	ND	ND	ND	ND	ND
Delta-BHC	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND
Toxaphene	5	5	ND	ND	ND	ND	ND	ND
Methoxychlor	100	100	NA	NA	ND	ND	ND	ND
Gamma chlordane	0.055	NE	NA	NA	ND	ND	ND	ND
Endrin ketone	NE	NE	NA	NA	ND	ND	ND	ND

ALL UNITS ARE ug/l

LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Servi Sacramento
ELI = Eureka Laboratories, I.

ND = Nothing detected
NA = Not analyzed
LOQ = Limit of quantitation
NE = Not established

RADIAN
CORPORATION

RESULTS FOR PCBs

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MASTER LOG OF WELLS SAMPLED FOR POLY-CHLORINATED BIPHENOL (JANUARY 1982-FEBRUARY 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-1	BW-2	BW-8	BW-10	BW-11	BW-12	BW-13	BW-13	BW-17	BW-18	BW-18
Date Sampled			01/11/82	01/11/82	01/11/82	12/02/85	01/11/82	01/11/82	01/11/82	12/02/85	01/11/82	01/11/82	12/02/85
Sampled By			ES	ES	ES	RADIAN	ES	ES	ES	RADIAN	ES	ES	RADIAN
Date Analyzed						12/17/85				12/16/85			12/16/85
Lab			ES	ES	ES	SAC	ES	ES	ES	SAC	ES	ES	SAC
Field Analysis													FDA
Lab Analysis													
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
FDA = First field duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR POLY-CHLORINATED BIPHENOL (JANUARY 1982-FEBRUARY 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER BW-18	BW-28	BW-29	MW-16D	MW-16S	MW-17D	MW-17S	MW-18D	MW-18S	MW-19D	MW-19S
Date Sampled			12/02/85	01/11/82	01/11/82	08/17/82	08/17/82	08/17/82	08/17/82	08/16/82	08/16/82	08/16/82	08/16/82
Sampled By			RADIAN	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed			12/16/85			08/26/82	08/27/82	08/26/82	08/31/82	08/26/82	08/26/82	08/26/82	08/31/82
Lab			SAC	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Field Analysis			FDB										
Lab Analysis													
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
FDB = Second field duplicate analysis
BW = Base production well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR POLY-CHLORINATED BIPHENOL (JANUARY 1982-FEBRUARY 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-20D	MW-20S	MW-21D	MW-21S	MW-22D	MW-22S	MW-23D	MW-23S	MW-24D	MW-24S	MW-25D
Date Sampled			08/11/82	08/11/82	08/13/82	08/13/82	08/13/82	08/13/82	08/13/82	08/13/82	08/12/82	08/12/82	08/12/82
Sampled By			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed			08/26/82	09/15/82	08/26/82	08/27/82	08/27/82	08/27/82	08/27/82	08/31/82	08/27/82		08/27/82
Lab			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Field Analysis													
Lab Analysis													
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well ES = Engineering Science, Inc. ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR POLY-CHLORINATED BIPHENOL (JANUARY 1982-FEBRUARY 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-25S	MW-26D	MW-26S	MW-27D	MW-27S	MW-28D	MW-29	MW-29D	MW-29S	MW-30S	MW-31S
Date Sampled			08/12/82	08/11/82	08/11/82	08/12/82	08/12/82	08/17/82	12/02/85	08/16/82	08/16/82	08/17/82	08/17/82
Sampled By			ES	ES	ES	ES	ES	ES	RADIAN	ES	ES	ES	ES
Date Analyzed			08/30/82	08/30/82	08/30/82	08/31/82	08/31/82	08/26/82	12/17/85	08/26/82	08/30/82	09/01/82	08/27/82
Lab			ES	ES	ES	ES	ES	ES	SAC	ES	ES	ES	ES
Field Analysis													
Lab Analysis													
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR POLY-CHLORINATED BIPHENOL (JANUARY 1982-FEBRUARY 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-33S	MW-36S	MW-37	MW-38D	MW-40S	MW-41S	MW-42S	MW-43S	MW-44S	MW-45S	MW-46S
Date Sampled			09/29/82	09/29/82	09/28/82	09/27/82	09/29/82	09/14/82	09/27/82	09/14/82	09/13/82	09/14/82	09/29/82
Sampled By			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Date Analyzed			10/17/82	10/17/82	10/02/82	10/17/82	10/17/82	10/17/82	10/18/82	10/18/82	10/18/82	10/01/82	10/18/82
Lab			ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES
Field Analysis													
Lab Analysis													
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
ES = Engineering Science, Inc.
ND = Nothing detected
NE = Not established

MASTER LOG OF WELLS SAMPLED FOR POLY-CHLORINATED BIPHENOL (JANUARY 1982-FEBRUARY 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-47S	MW-49S	MW-100	MW-100	MW-101	MW-101	MW-103	MW-103	MW-103	MW-104	MW-105
Date Sampled			09/29/82	09/29/82	12/21/85	12/21/85	11/18/85	11/18/85	12/20/85	12/20/85	12/20/85	12/15/85	12/21/85
Sampled By			ES	ES	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			10/02/82	10/18/82	01/07/86	01/07/86	11/25/85	11/25/85	01/07/86	01/07/86	01/07/86	12/20/85	01/07/86
Lab			ES	ES	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis					FDA	FDB			FDA	FDA	FDB		
Lab Analysis							LDA	LDB	LDA	LDB			
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
FDA = First field duplicate analysis
FDB = Second field duplicate analysis
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis

RADIAN = Radian Corporation, Sacramento
ES = Engineering Science, Inc.
SAC = Radian Analytical Services, Sacramento

ND = Nothing detected
NE = Not established

RADIAN CORPORATION

B 335

MASTER LOG OF WELLS SAMPLED FOR POLY-CHLORINATED BIPHENOL (JANUARY 1982-FEBRUARY 1986)

Parameter	DHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-106	MW-108	MW-112	MW-115	MW-1000	MW-1001	MW-1003	MW-1004	MW-1005	MW-1005	MW-1009
Date Sampled			11/21/85	12/27/85	12/20/85	12/19/85	12/12/85	12/18/85	12/18/85	12/18/85	12/17/85	12/17/85	12/19/85
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/30/85	01/08/86	01/07/86	12/30/85	12/20/85	12/27/85	12/27/85	12/27/85	12/23/85	12/23/85	12/30/85
Lab			SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC	SAC
Field Analysis													
Lab Analysis											LDA	LDB	
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l

MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
RADIAN = Radian Corporation, Sacramento
SAC = Radian Analytical Services, Sacramento
ND = Nothing detected
NE = Not established

Analytical data for MW-137, MW-140 and MW-141 appear under EW-137, EW-140 and EW-141

MASTER LOG OF WELLS SAMPLED FOR POLY-CHLORINATED BIPHENOL (JANUARY 1982-FEBRUARY 1986)

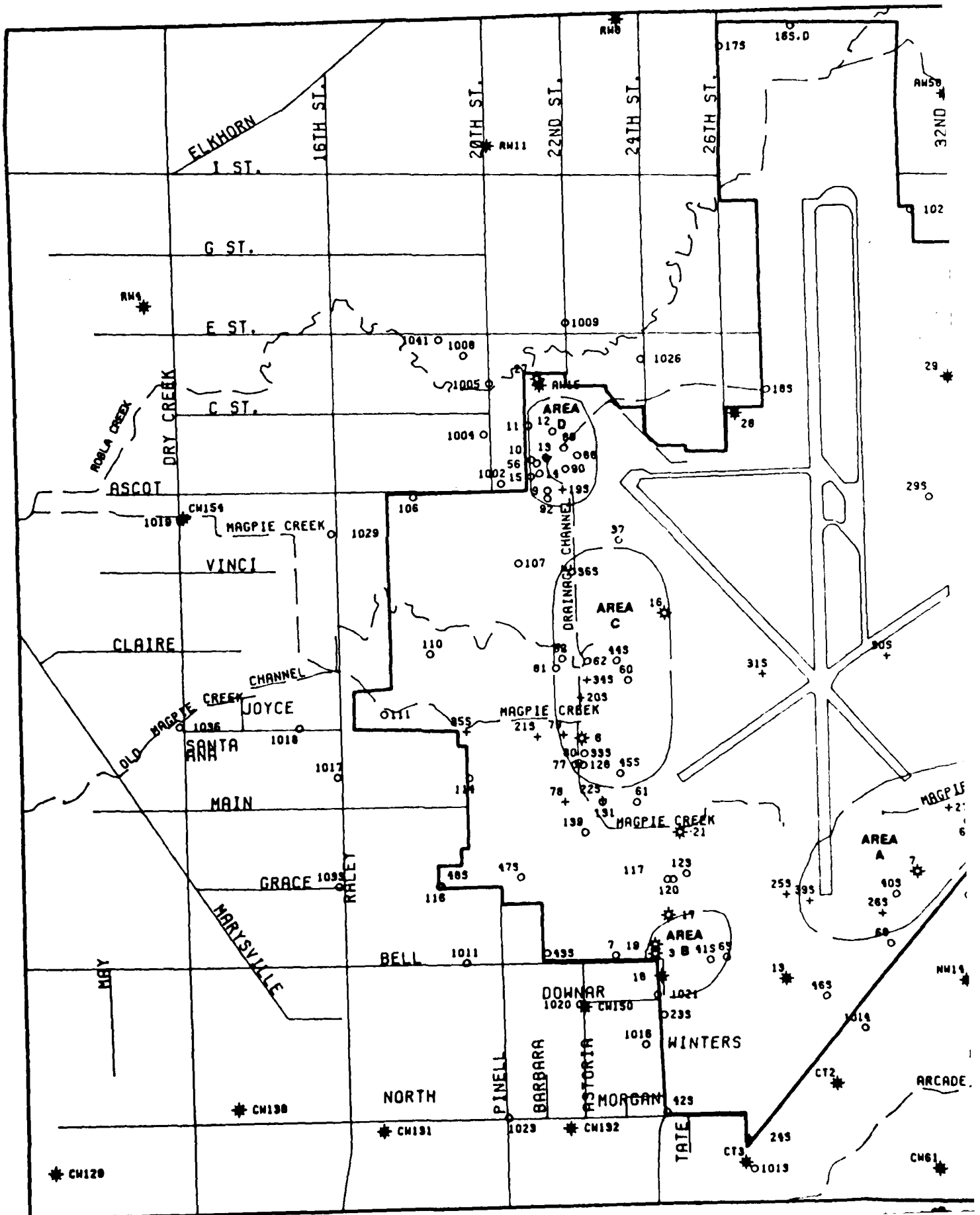
Parameter	OHS Action Level	U.S.EPA Primary MCL	WELL NUMBER MW-1012	MW-1018	MW-1019	OW-136	OW-136	OW-148
Date Sampled			11/15/85	11/18/85	12/19/85	01/21/86	01/21/86	01/21/86
Sampled By			RADIAN	RADIAN	RADIAN	RADIAN	RADIAN	RADIAN
Date Analyzed			11/25/85	11/25/85	12/30/85	02/03/86	02/03/86	02/03/86
Lab			SAC	SAC	SAC	RAS	RAS	RAS
Field Analysis								
Lab Analysis						LDA	LDB	
PCB-1242	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1254	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1221	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1232	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1248	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1260	NE	NE	ND	ND	ND	ND	ND	ND
PCB-1016	NE	NE	ND	ND	ND	ND	ND	ND

ALL UNITS ARE ug/l
MW = Monitoring Well
LDA = First laboratory duplicate analysis
LDB = Second laboratory duplicate analysis
OW = Off base residential well
Cannot open file: tmpl.itb
Not an accessible table name: TMP1

RADIAN = Radian Corporation, Sacramento
RAS = Radian Analytical Services
SAC = Radian Analytical Services, Sacramento

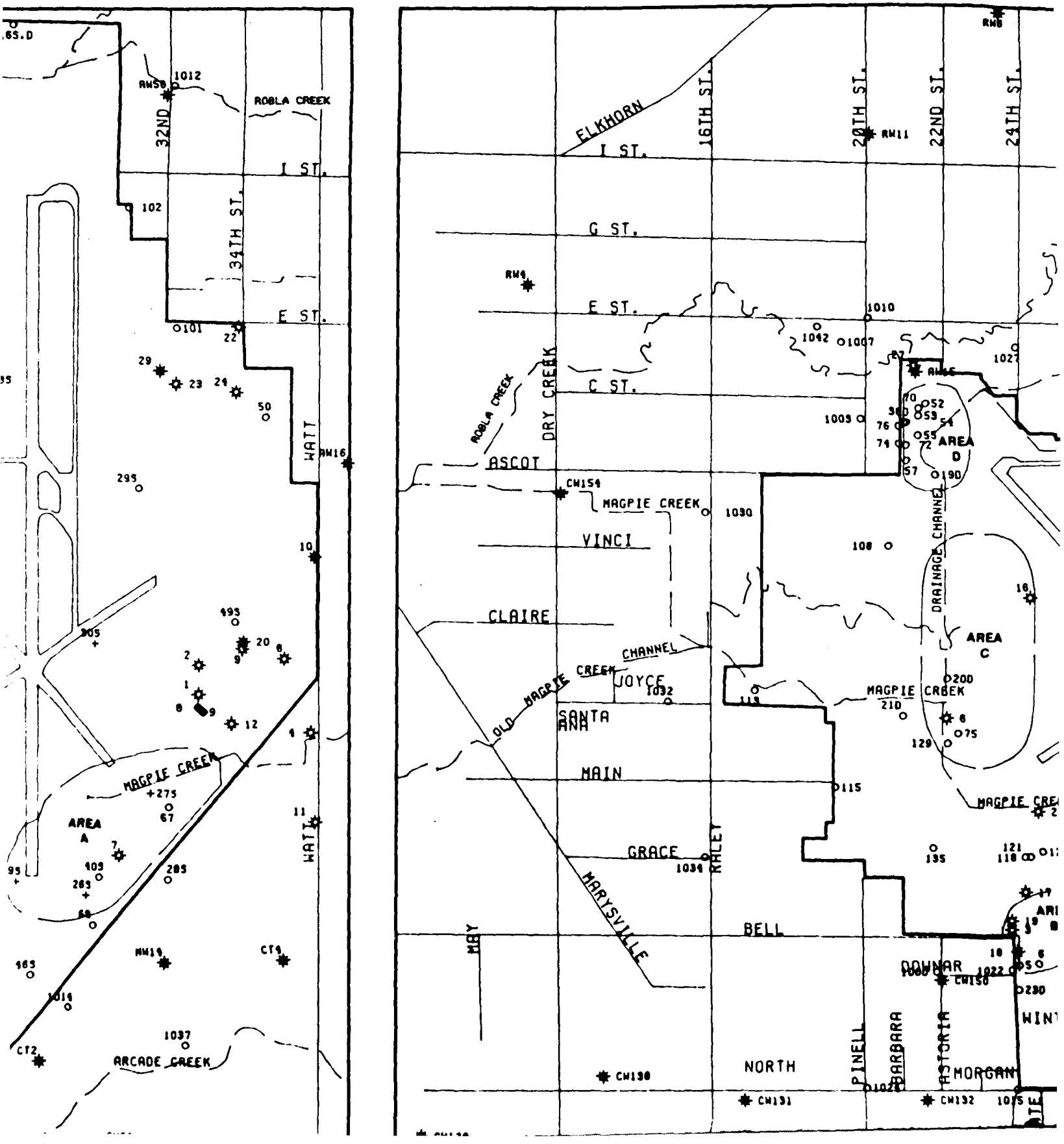
ND = Nothing detected
NE = Not established

Shallow Zone Monitoring Wells

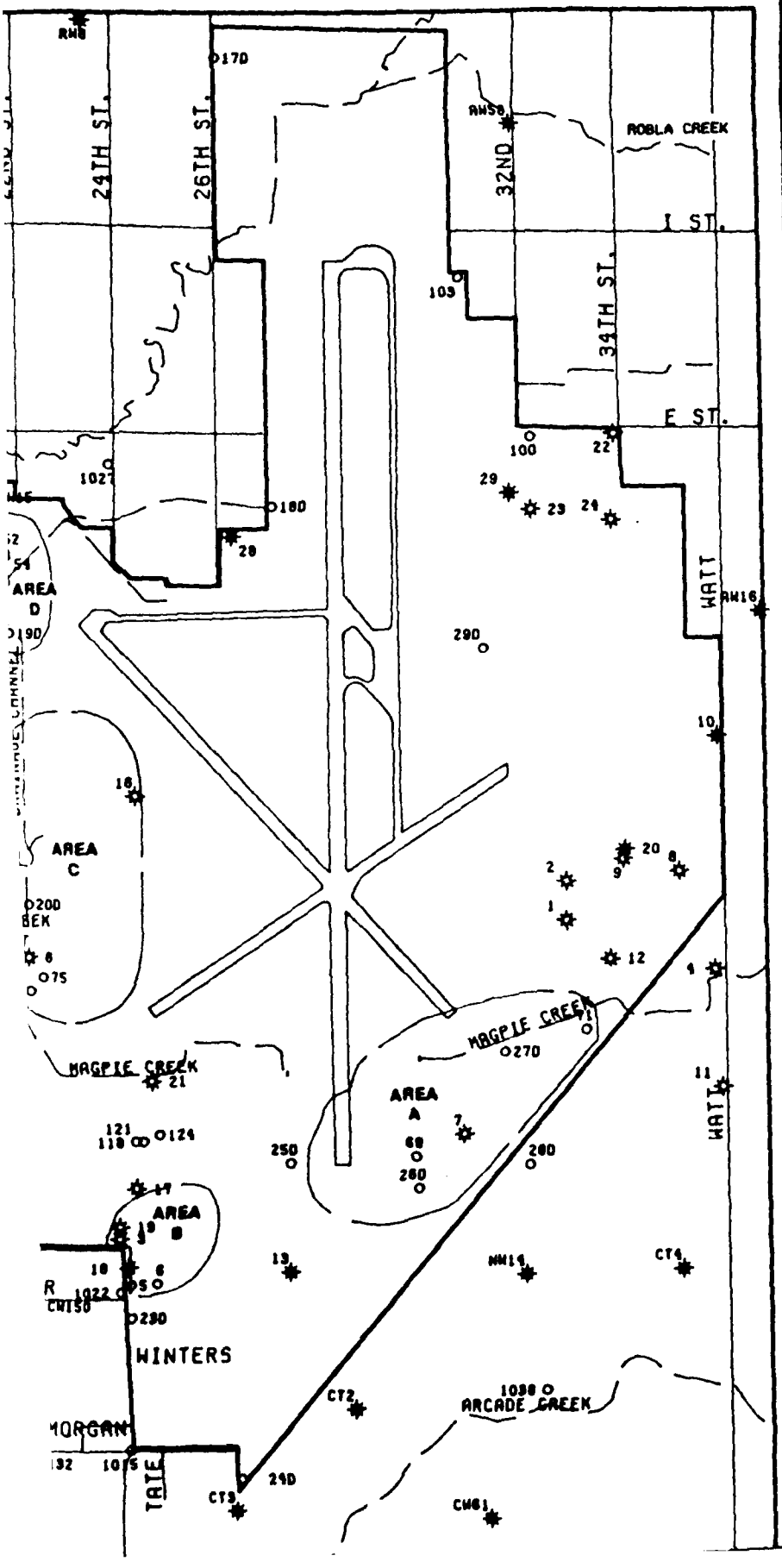


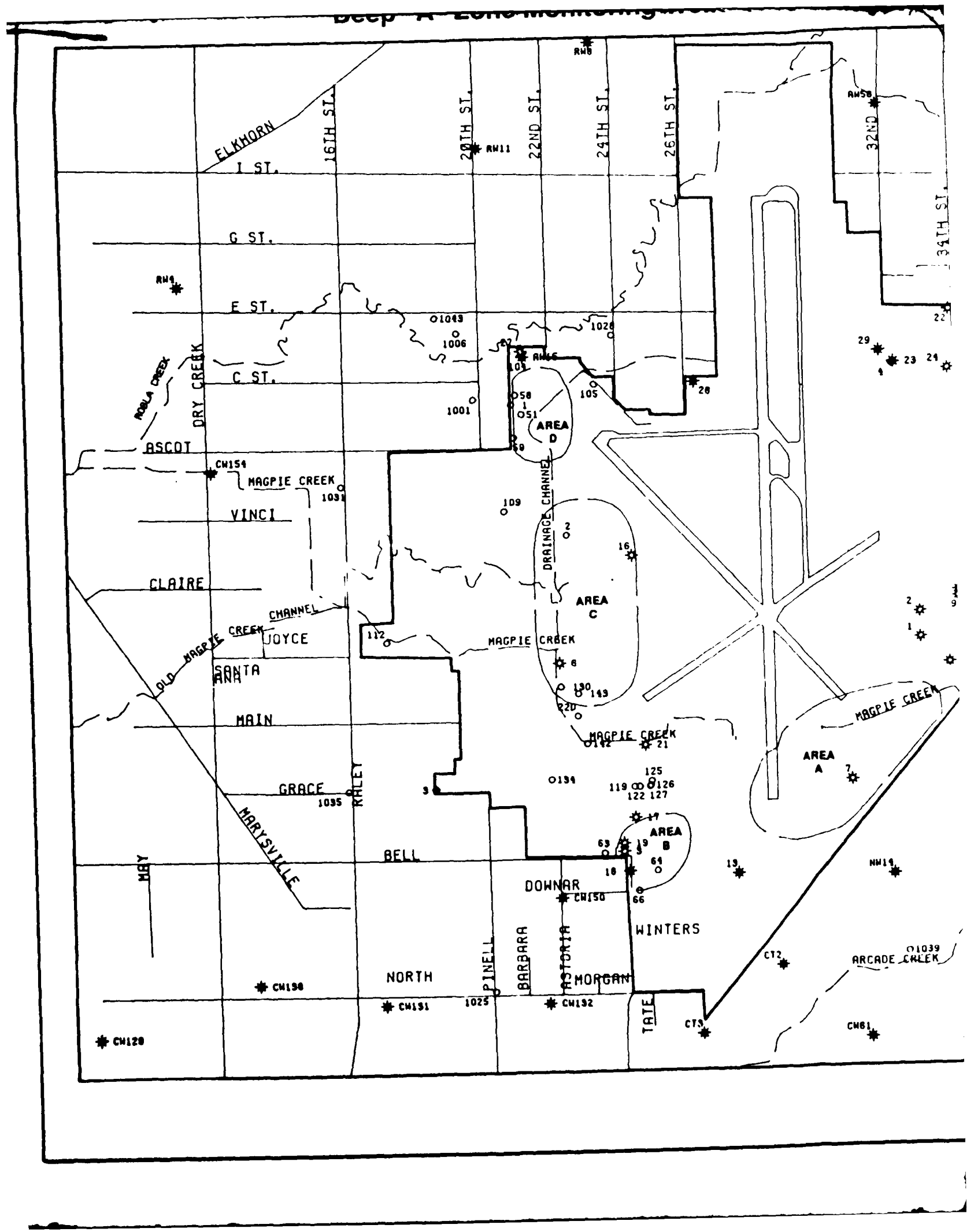
s

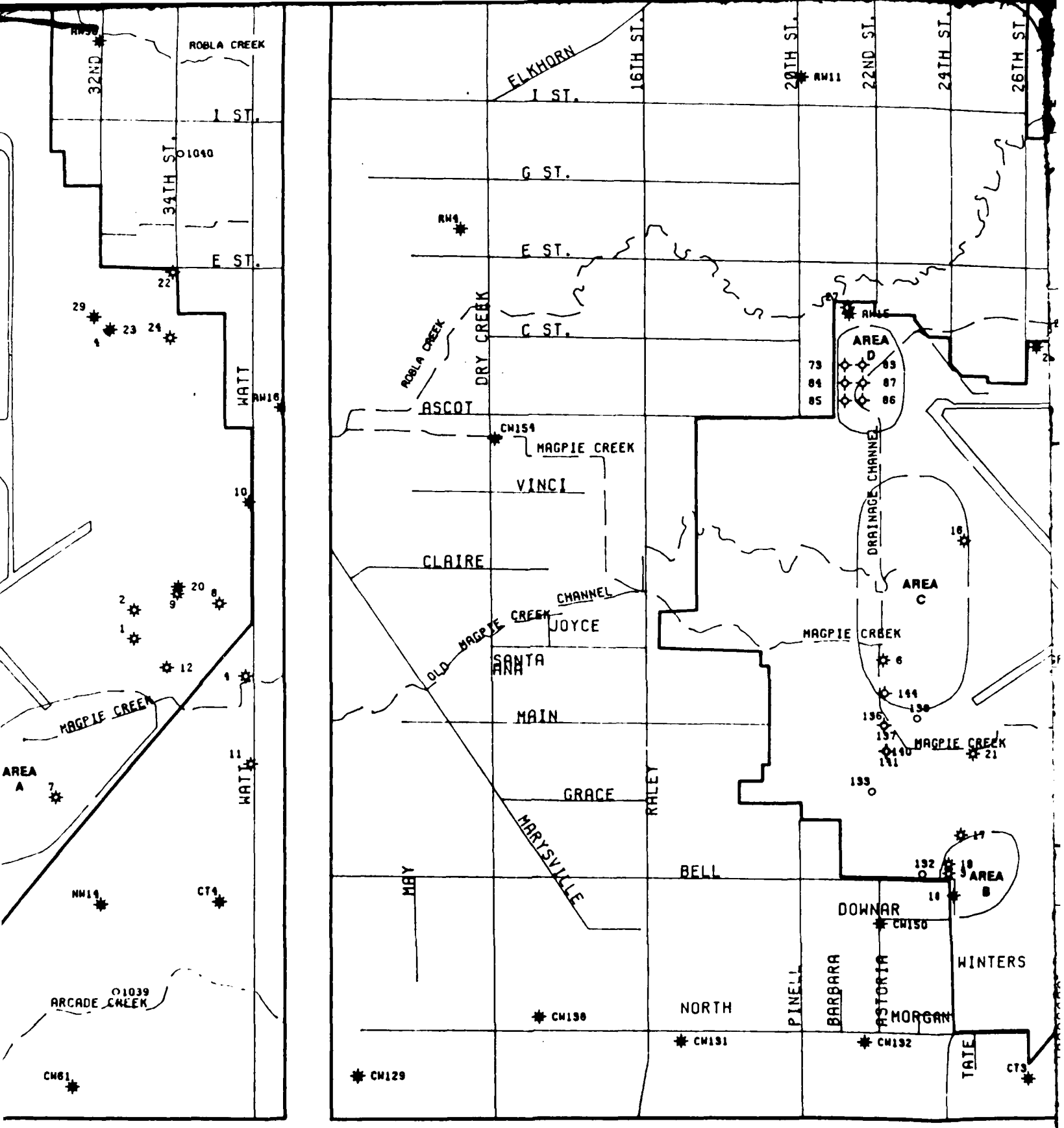
Middle Zone Monitori



Monitoring Wells




Deep "A" Zone Monitoring
ELKHORN
I ST.
G ST.
F ST.
C ST.
ROBLA CREEK
DRY CREEK
ASCOT
VINCI
CLAIRE
JOYCE
SANTA ANA
MAIN
GRACE
BELL
MAY
MARYSVILLE
RALEY
OLD MAGPIE CREEK CHANNEL
MAGPIE CREEK
DRAINAGE CHANNEL
16TH ST.
20TH ST.
22ND ST.
24TH ST.
26TH ST.
32ND
34TH ST.
AREA A
AREA B
AREA C
AREA D
DOWNAR
WINTERS
NORTH
MORGAN
PINELL
BARBARA
ASTORIA
TATE
ARCADE CREEK
RW8
RW11
RW58
RW4
RW6
CW154
CW150
CW198
CW191
CW192
CW129
CW61
CT2
CT3
NW19
1043
1006
1028
1001
1031
1025
1035
1039


ROBLA CREEK
32ND
I ST.
34TH ST.
1040
E ST.
22
29
23
24
WATT
RW16
10
2
20
9
8
1
12
4
MAGPIE CREEK
AREA A
7
11
WATT
NW14
CT4
1039
ARCADE CREEK
CW61
ELKHORN
16TH ST.
20TH ST.
RW11
22ND ST.
24TH ST.
26TH ST
I ST.
G ST.
RW4
E ST.
ROBLA CREEK
DRY CREEK
C ST.
RW15
AREA D
73
83
84
87
85
86
ASCOT
CW154
MAGPIE CREEK
VINCI
DRAINAGE CHANNEL
16
CLAIRE
AREA C
CHANNEL
OLD MAGPIE CREEK
JOYCE
MAGPIE CREEK
6
SANTA ANA
144
138
136
137
140
141
MAGPIE CREEK
21
MAIN
133
GRACE
RALEY
MARYSVILLE
17
132
18
3
AREA B
BELL
MAY
18
DOWNAR
CW150
WINTERS
PINELL
BARBARA
ASTORIA
MORGAN
NORTH
CW130
CW131
CW132
TATE
CT3
CW129

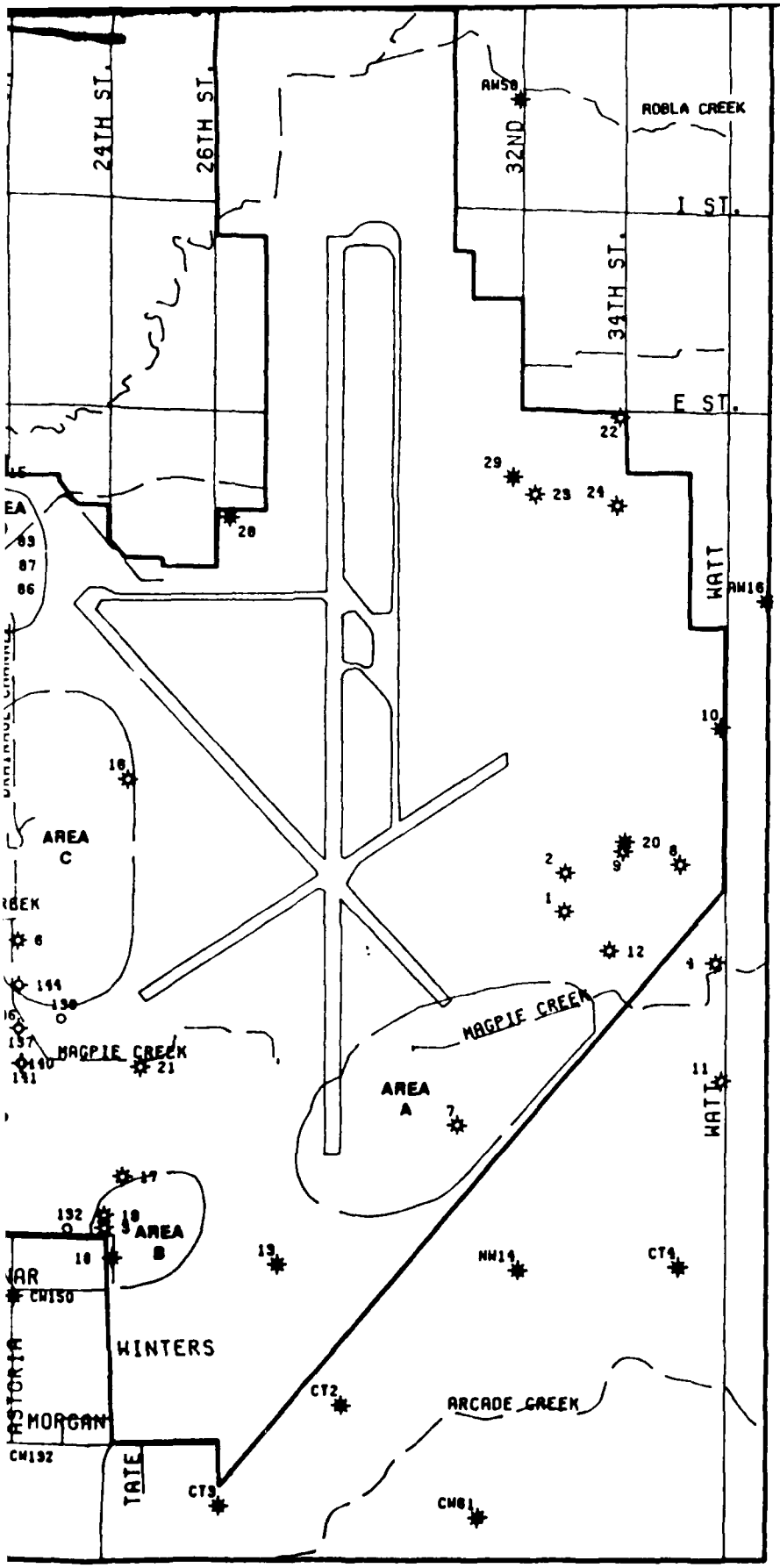


Plate 1.
Locations of Wells.

McClellan AFB
Annual Technical Report
(January - December 1988)

LEGEND:

- McClellan AFB Boundary
- AREA — Boundaries of Past Disposal / Storage Sites
- Streams
- Monitoring Well
- Extraction Well
- Dry Well
- Active Water Supply Well
- Inactive Water Supply Well

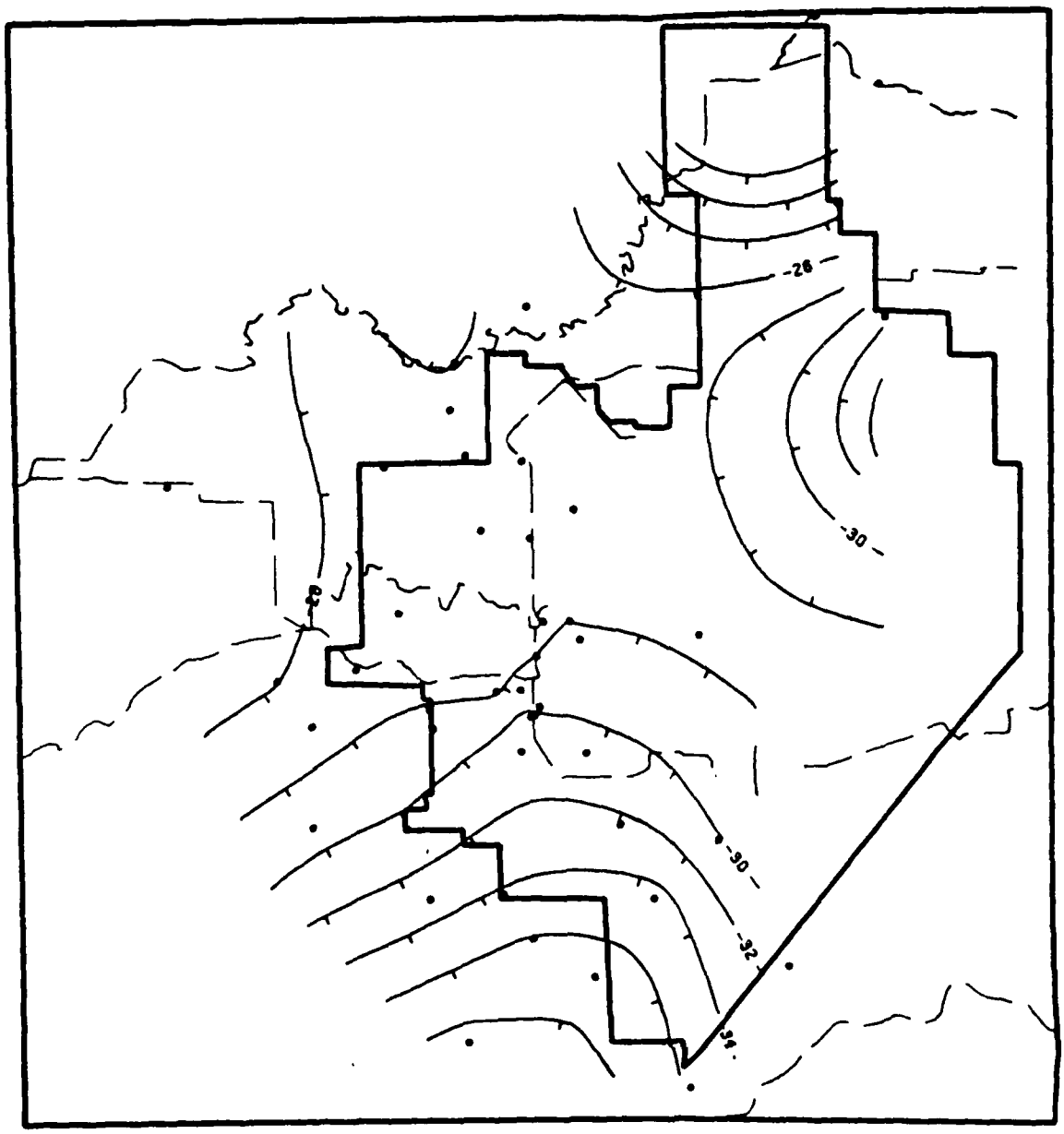
N

0 1000 2000

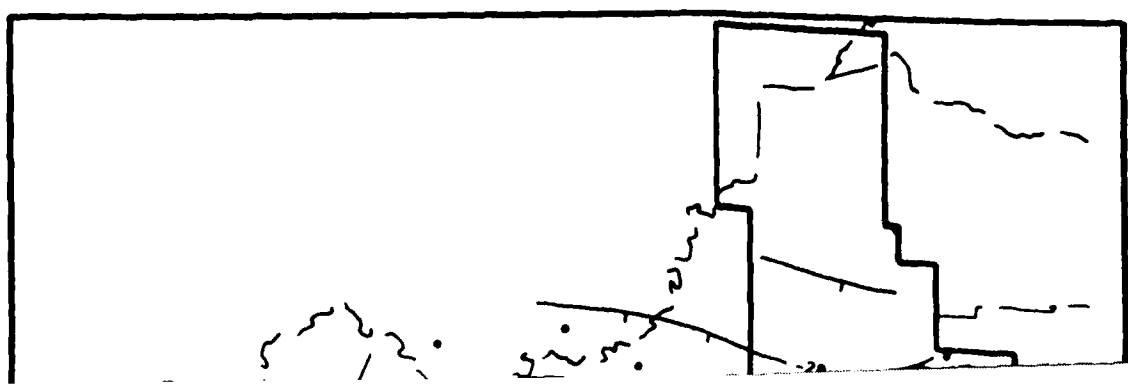
SCALE IN FEET

RADIAN CORPORATION

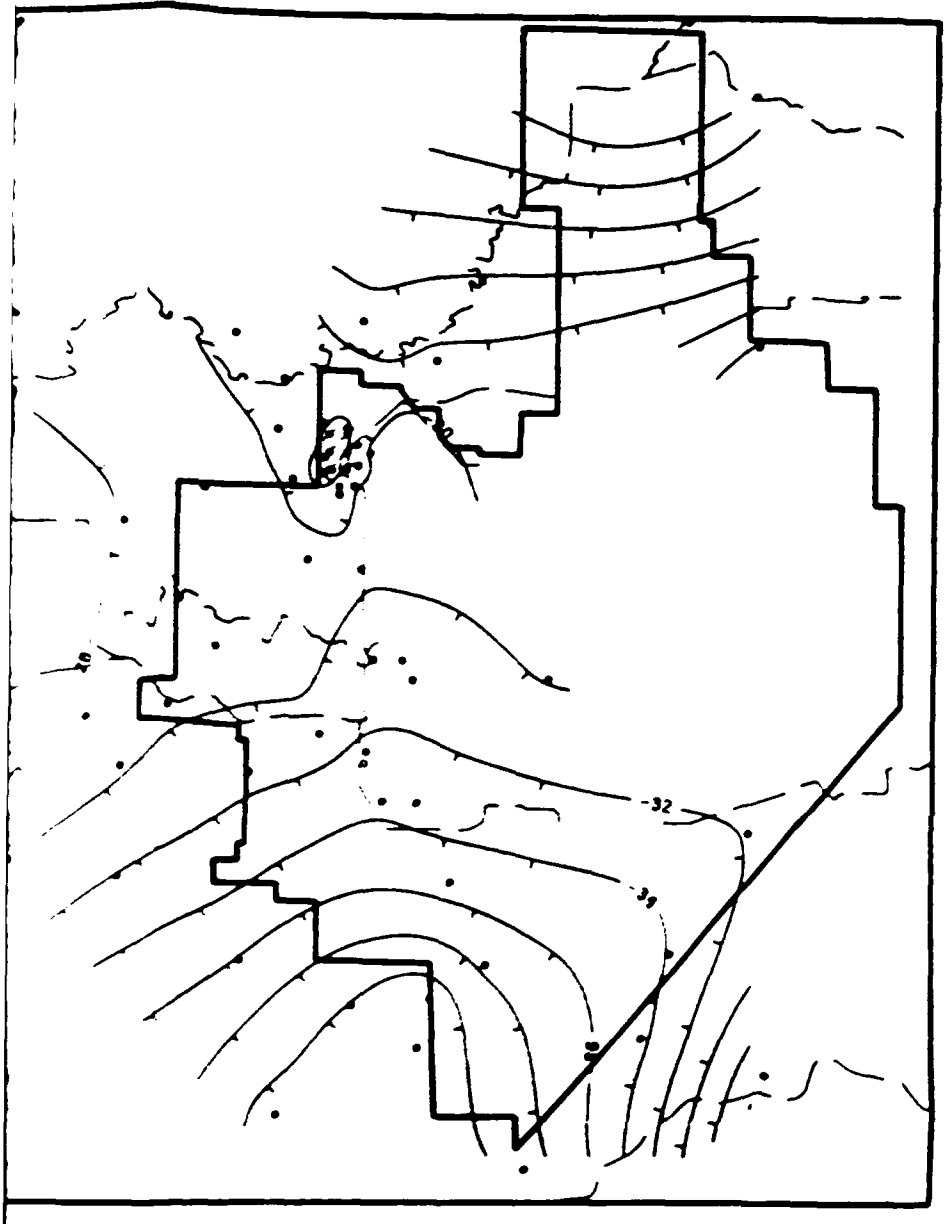
Water Levels in Shallow Monitoring Wells 10/86



Water Levels in Shallow Monitoring Wells 1/88



Water Levels in Shallow Monitoring Wells 10/87



Water Levels in Shallow Monitoring Wells 10/88

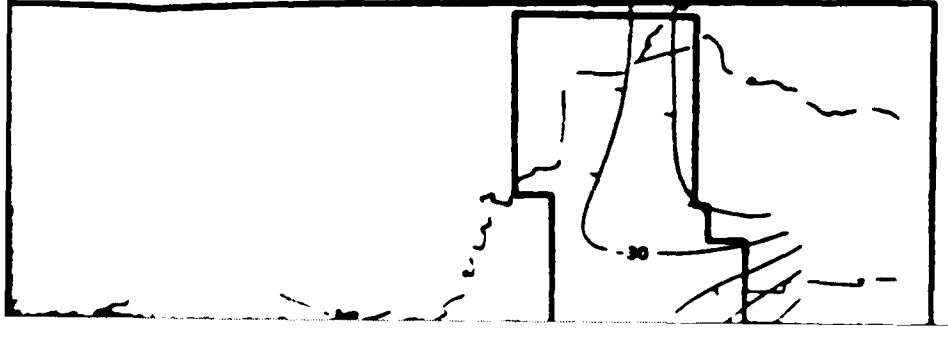


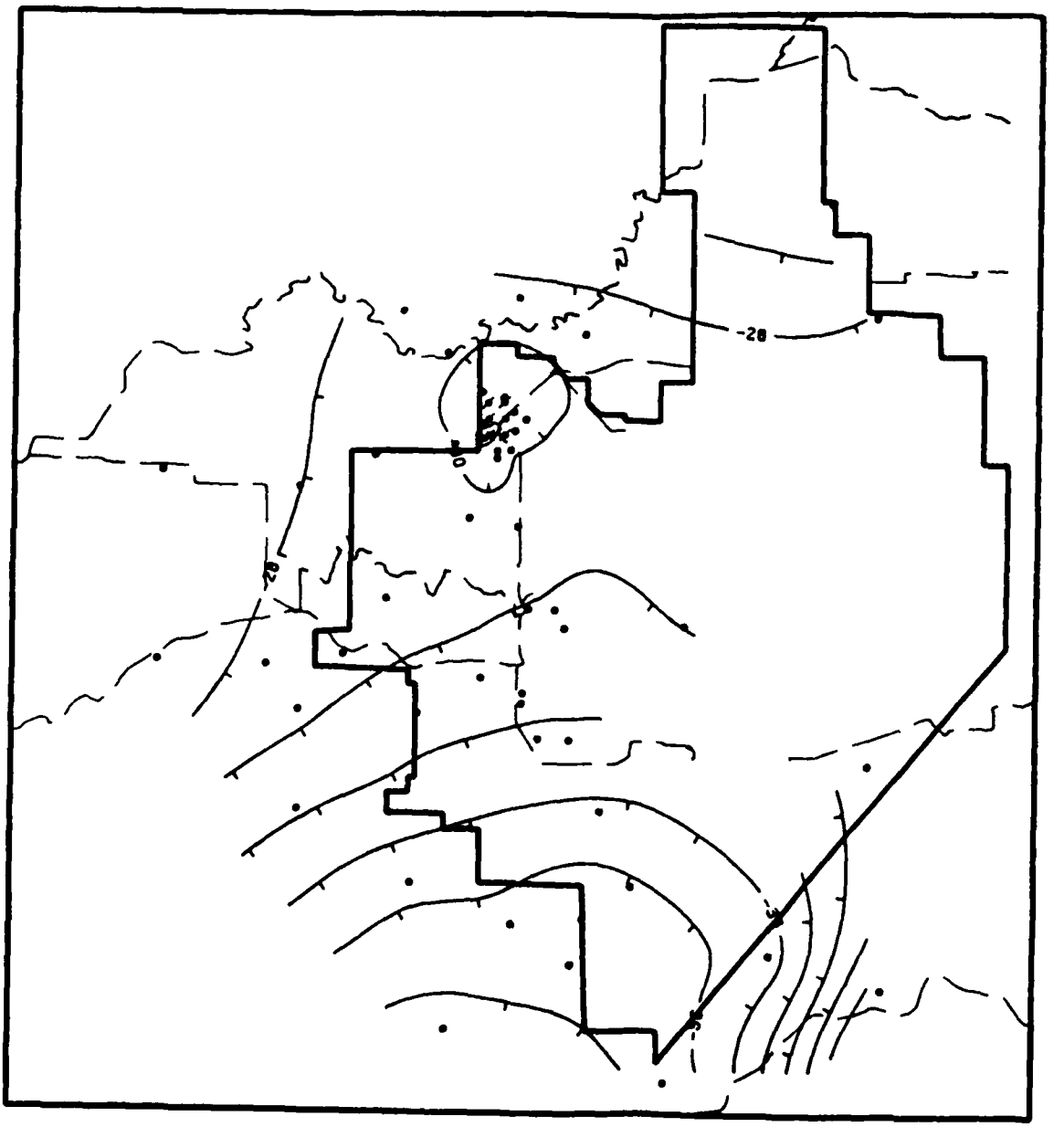
Plate 2.
Potentiometric Maps for the Shallow Monitoring Zone

McClellan AFB
Annual Technical Report
(January - December 1988)

April 1989

LEGEND:

Water Levels in Shallow Monitoring Wells 1/88



ter Levels in Shallow Monitoring Wells 10/88

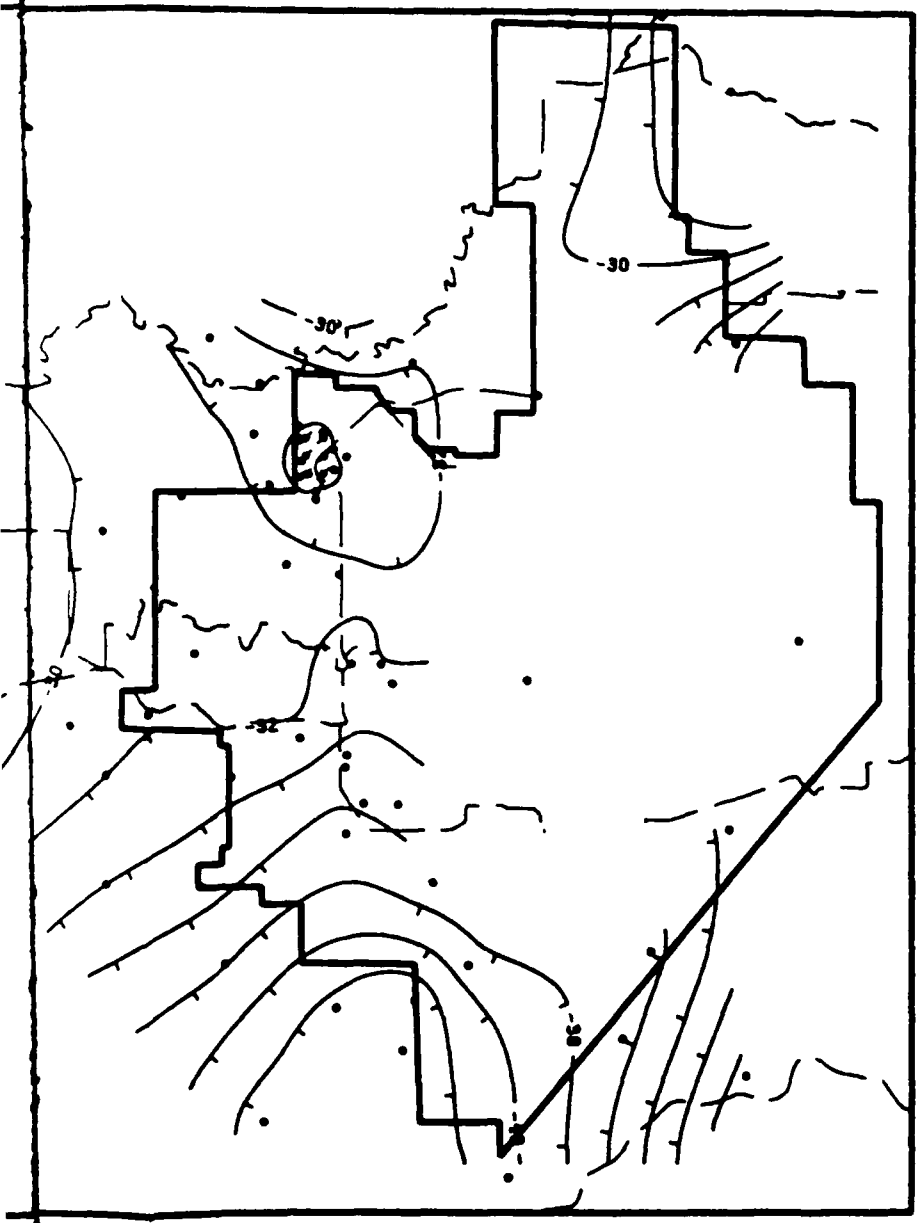


Plate 2.
Potentiometric Maps for the Shallow Monitoring Zone

McClellan AFB
Annual Technical Report
(January - December 198[illegible])

April 1989

LEGEND:

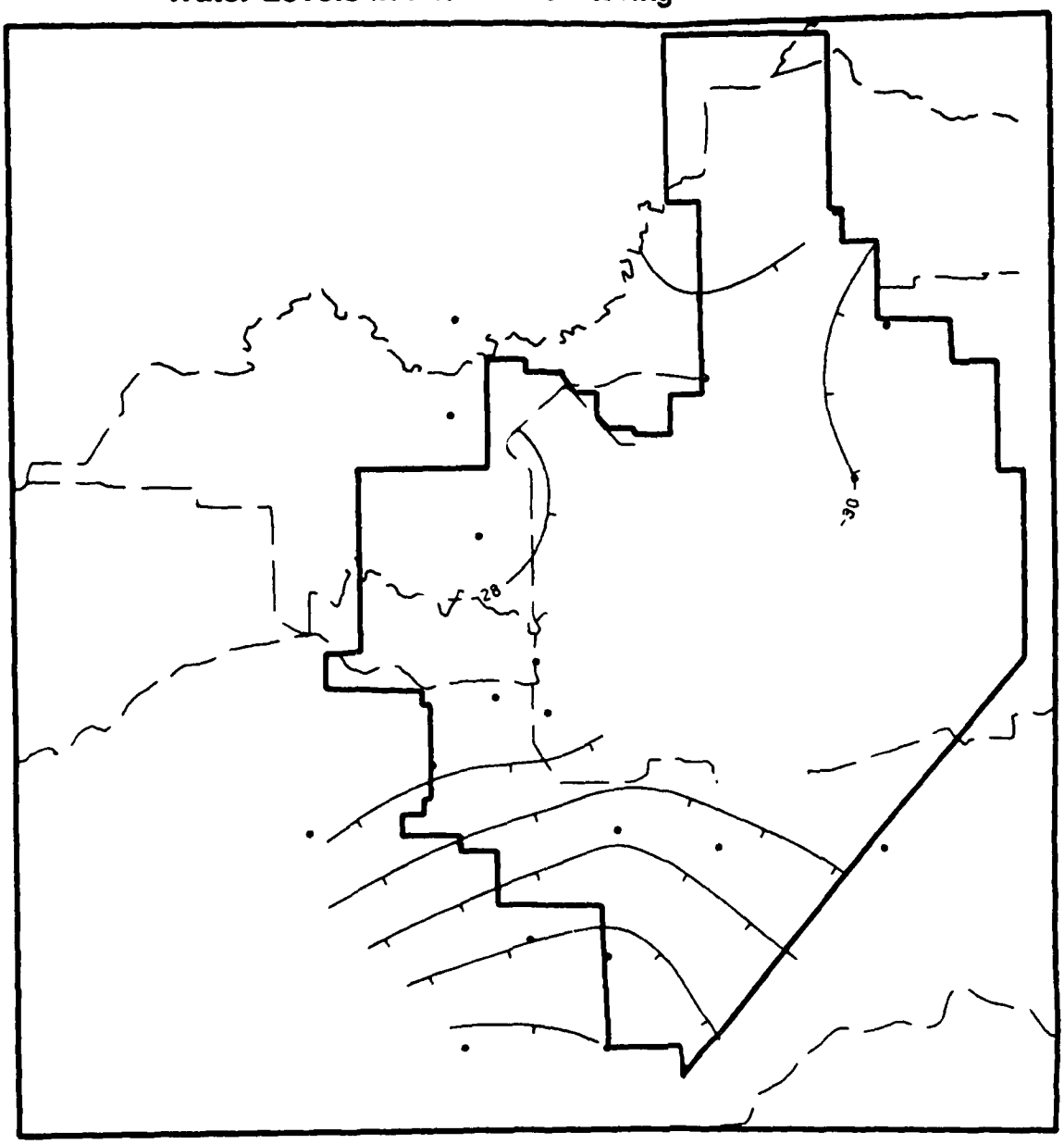
- McClellan AFB Boundary
- Streams
- Monitoring Well
- Extraction Well
- -30 Contours of Equal Hydraulic Head (Note: Hash marks indicate groundwater flow direction.)

N

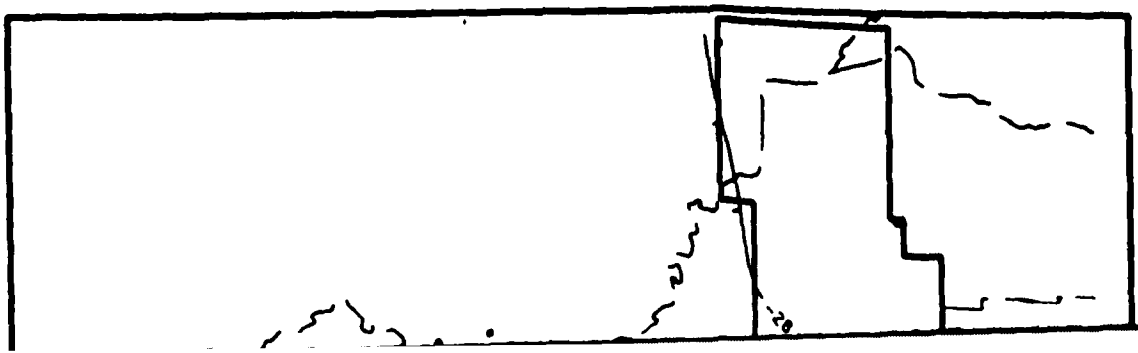
0 1500 3000
SCALE IN FEET

RADIAN CORPORATION

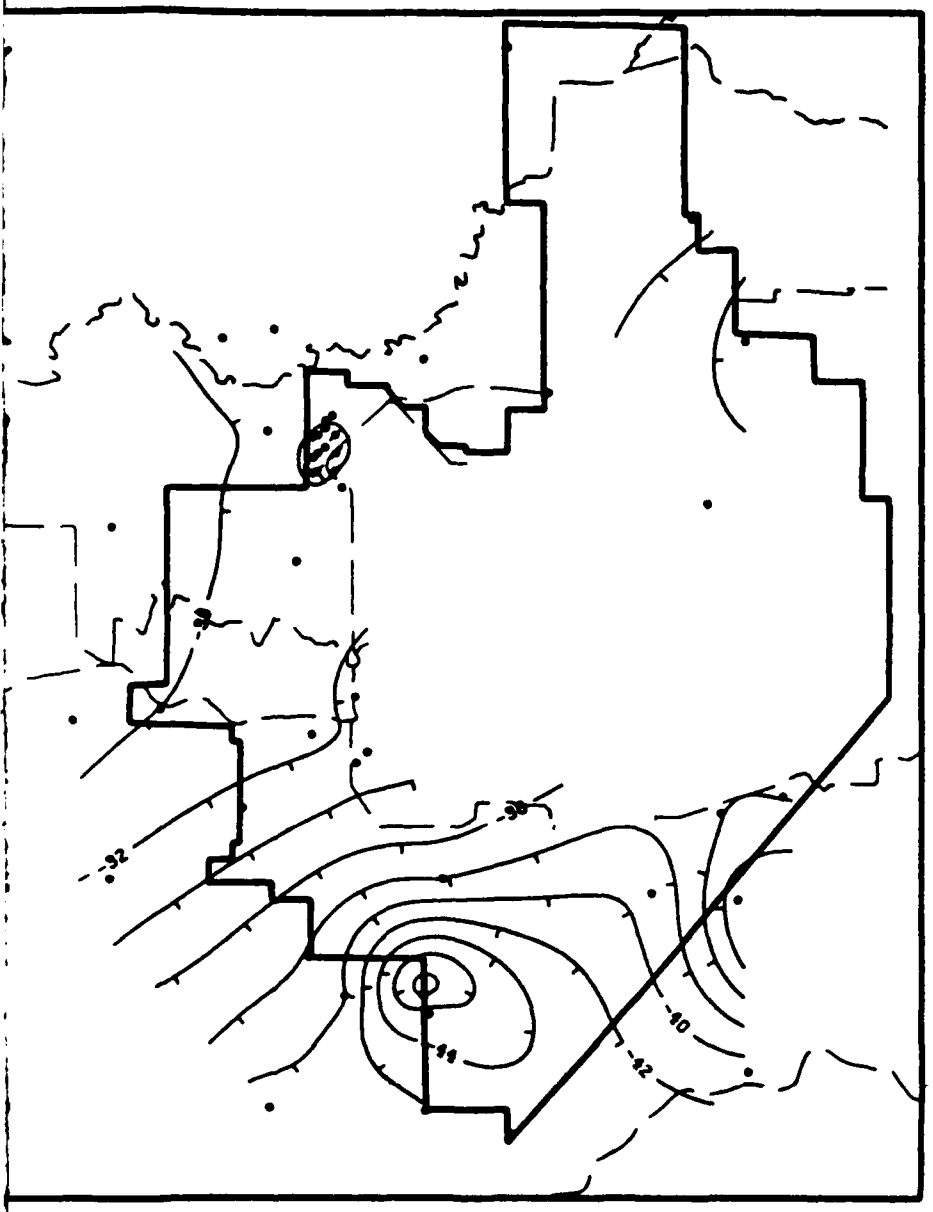
Water Levels in Middle Monitoring Wells 10/86



Water Levels in Middle Monitoring Wells 1/88



Water Levels in Middle Monitoring Wells 10/87



Water Levels in Middle Monitoring Wells 10/88

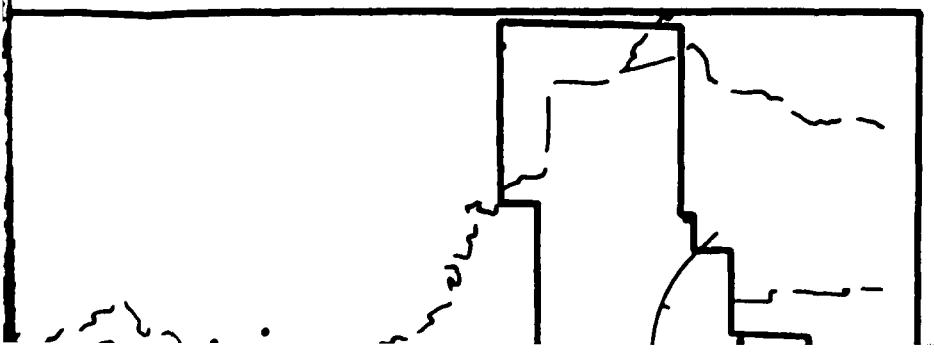


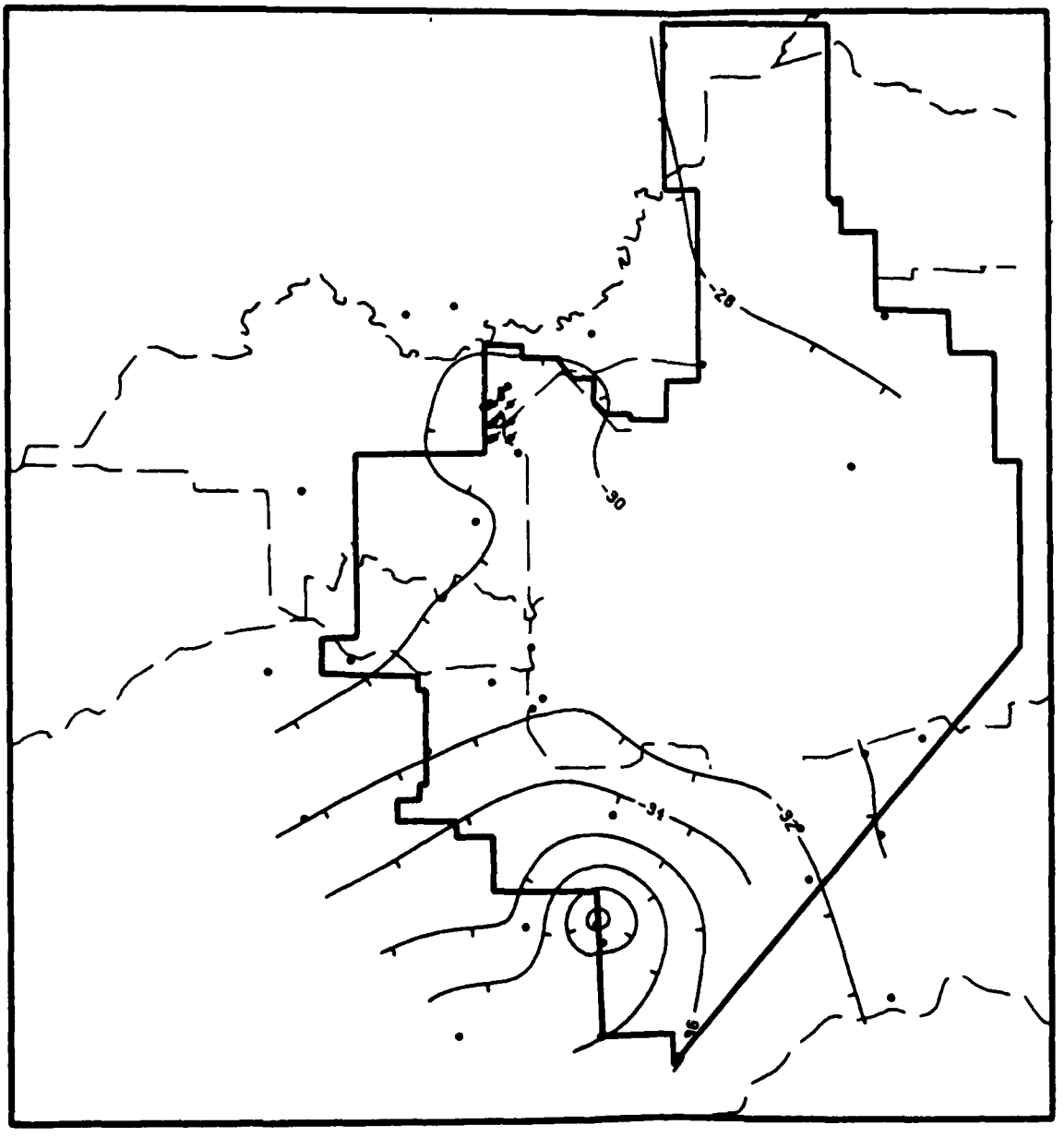
Plate 3.
Potentiometric Maps for the Middle Monitoring Zone

McClellan AFB
Annual Technical Report
(January - December 1988)

April 1989

LEGEND:

Water Levels in Middle Monitoring Wells 1/88



evels in Middle Monitoring Wells 10/88

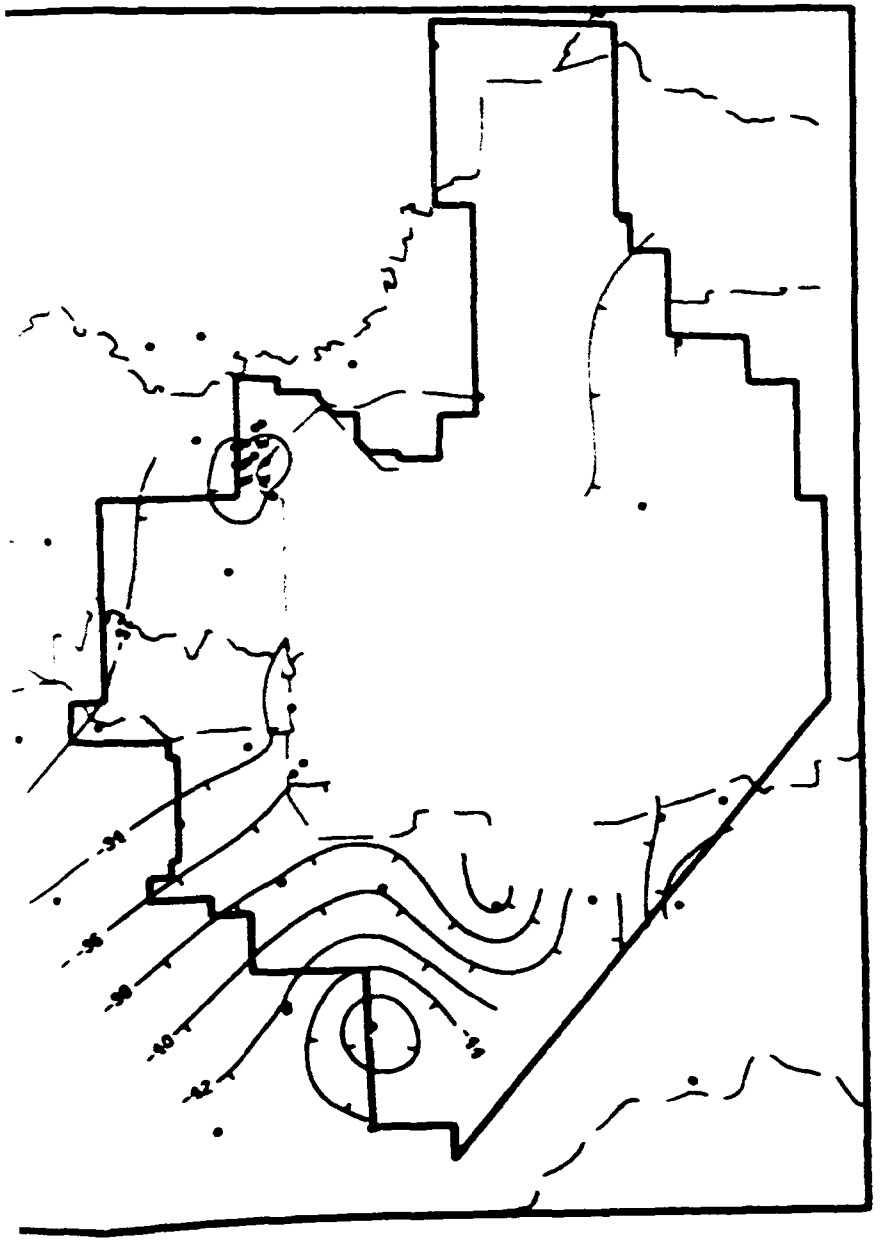


Plate 3.
Potentiometric Maps for the Middle Monitoring Zone

McClellan AFB
Annual Technical Report
(January - December 1988)

April 1989

LEGEND:

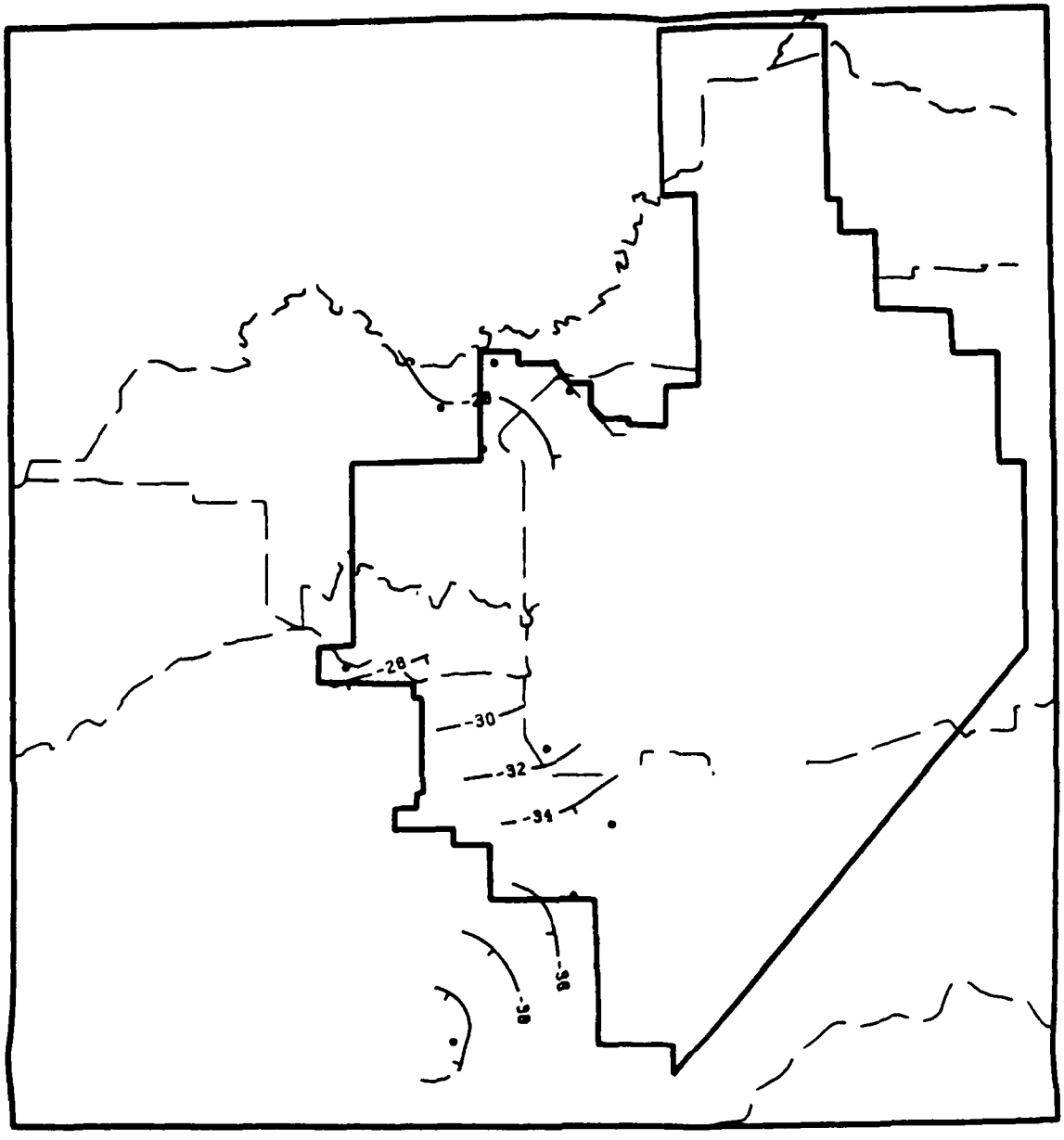
- McClellan AFB Boundary
- Streams
- Monitoring Well
- Extraction Well
- -30 — Contours of Equal Hydraulic Head (Note: Hash marks indicate groundwater flow direction.)

N

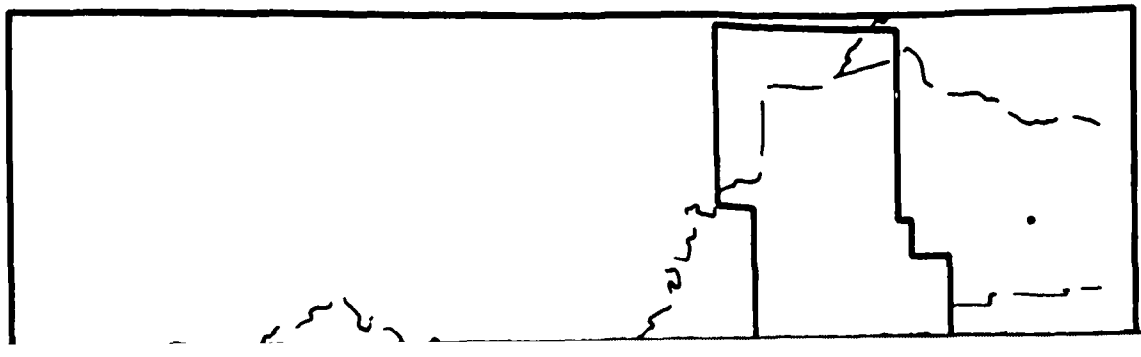
0 1500 3000
SCALE IN FEET

RADIAN CORPORATION

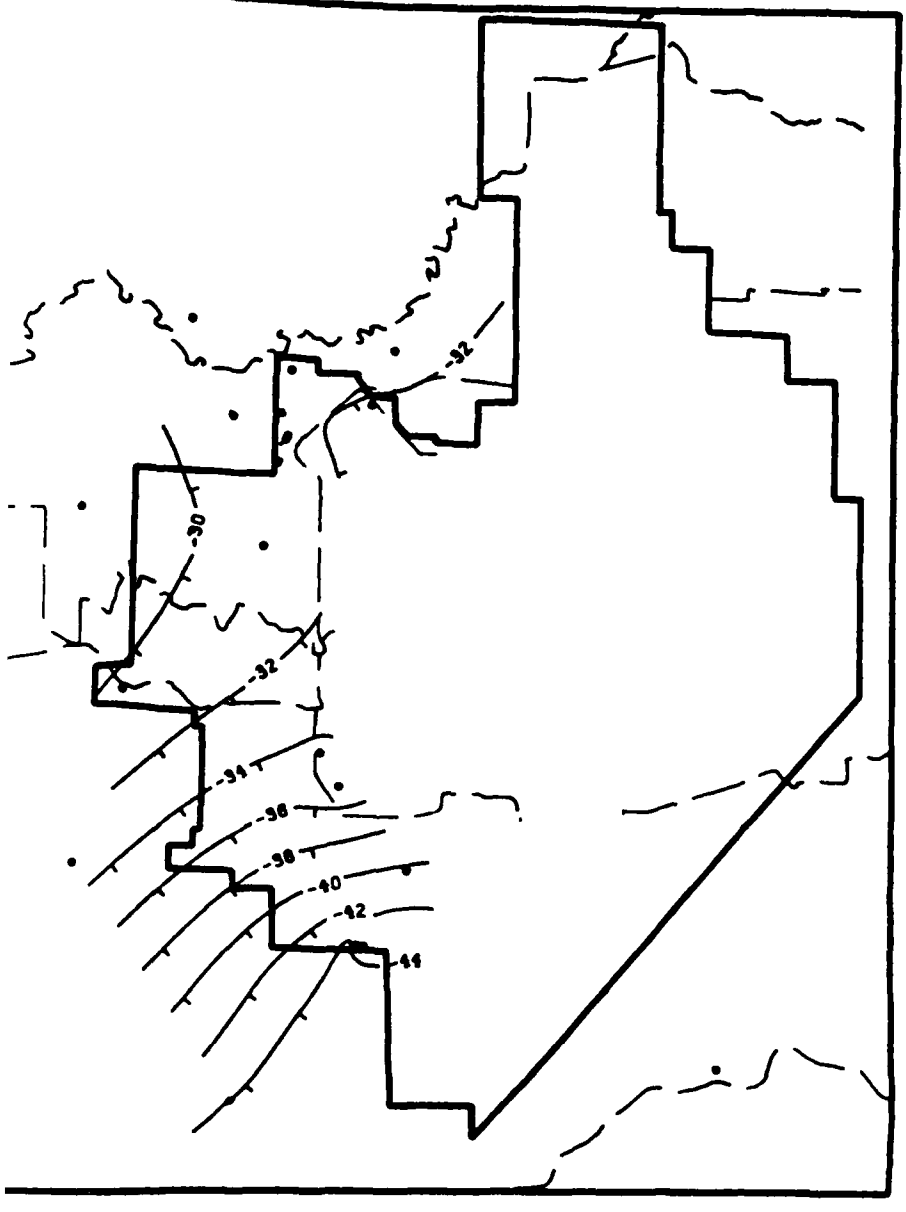
Water Levels in Deep Monitoring Wells 10/86



Water Levels in Deep Monitoring Wells 1/88



ater Levels in Deep Monitoring Wells 10/87



er Levels in Deep Monitoring Wells 10/88

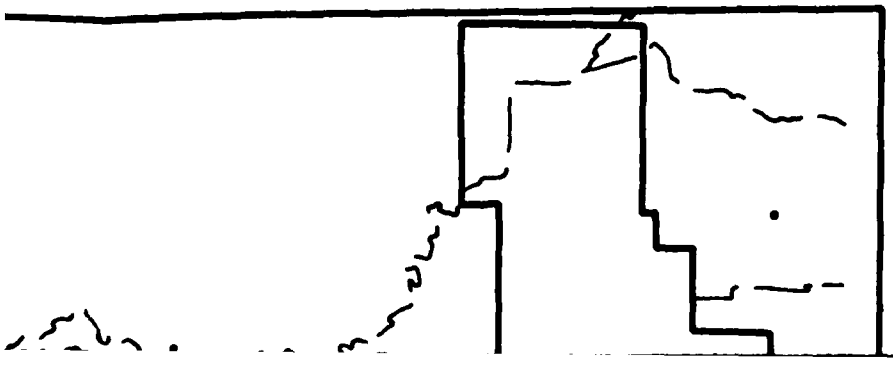


Plate 4.
Potentiometric Maps for the Deep "A" Monitoring Zone

McClellan AFB
Annual Technical Report
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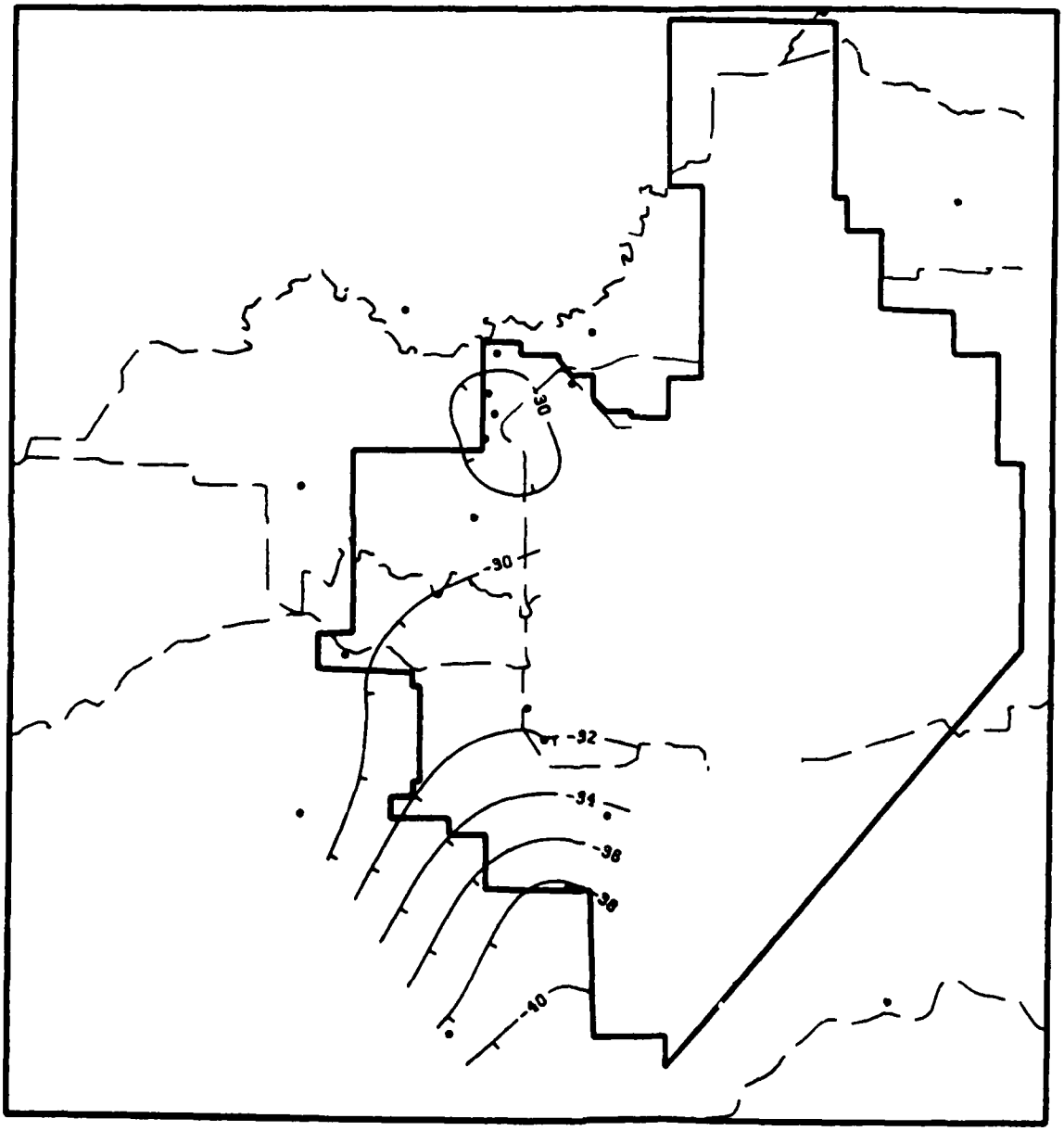
LEGEND:

McClellan AFB Boundary

Water Levels in Deep Monitoring Wells 1/88



er Levels in Deep Monitoring Wells 10/88

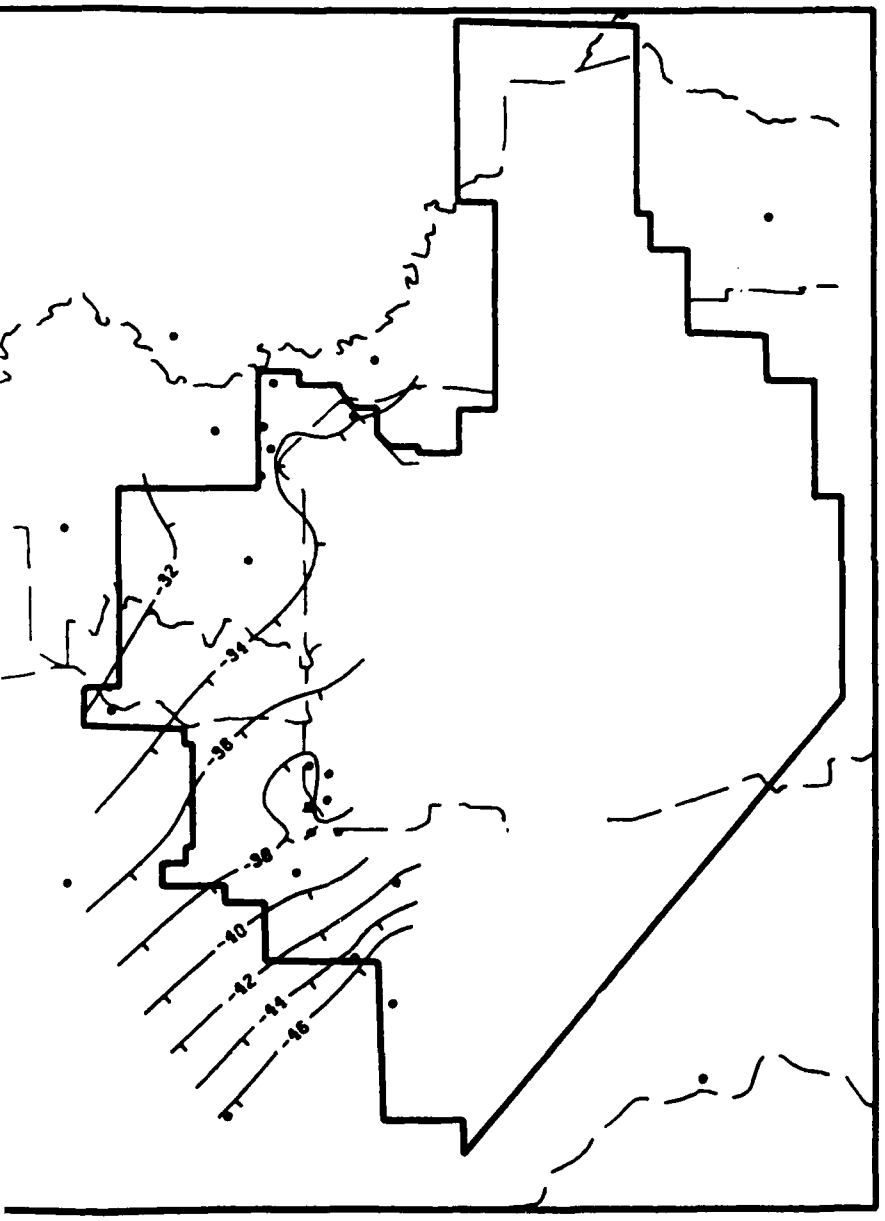


Plate 4.
Potentiometric Maps for the Deep "A" Monitoring Zone

McClellan AFB
Annual Technical Report
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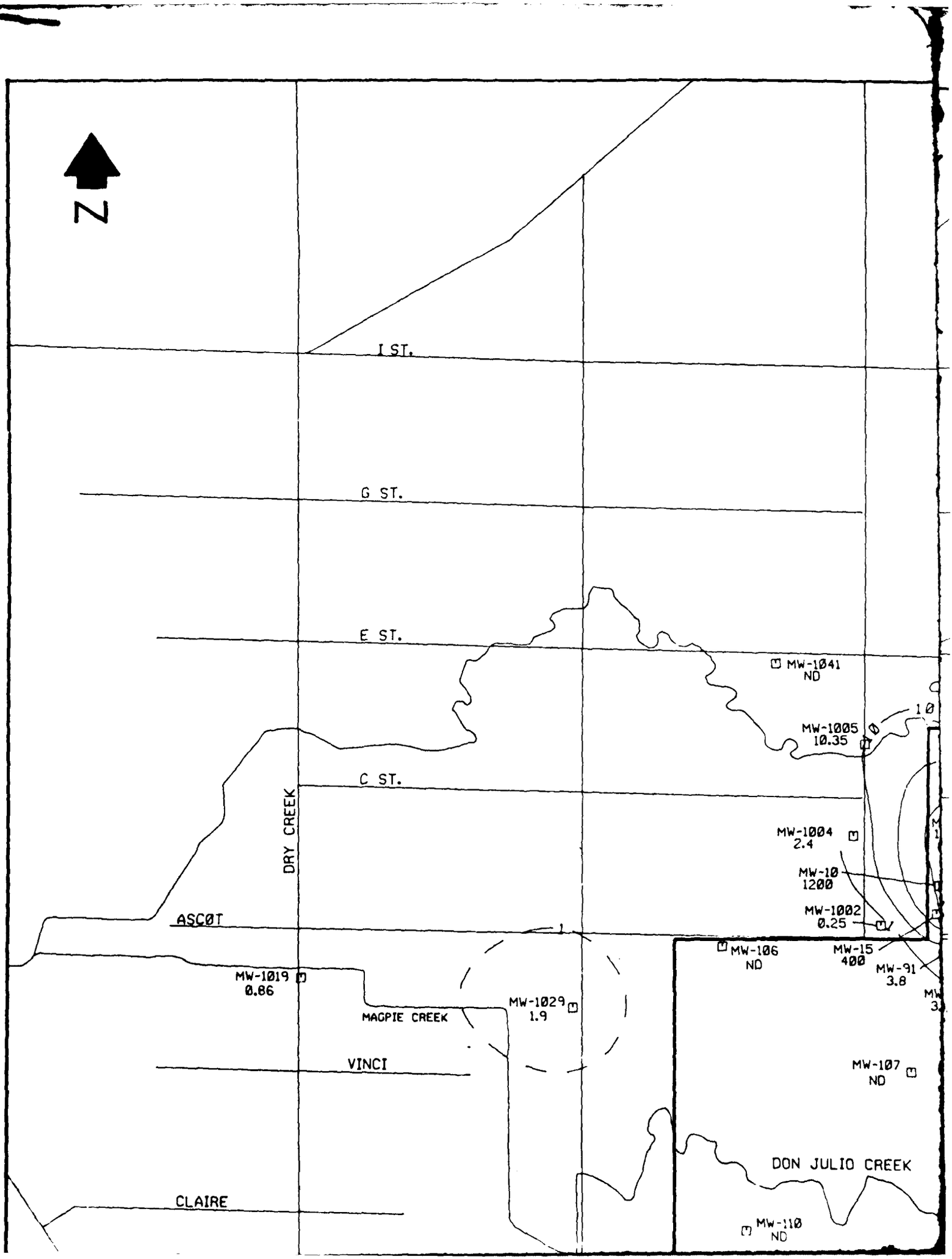
LEGEND:

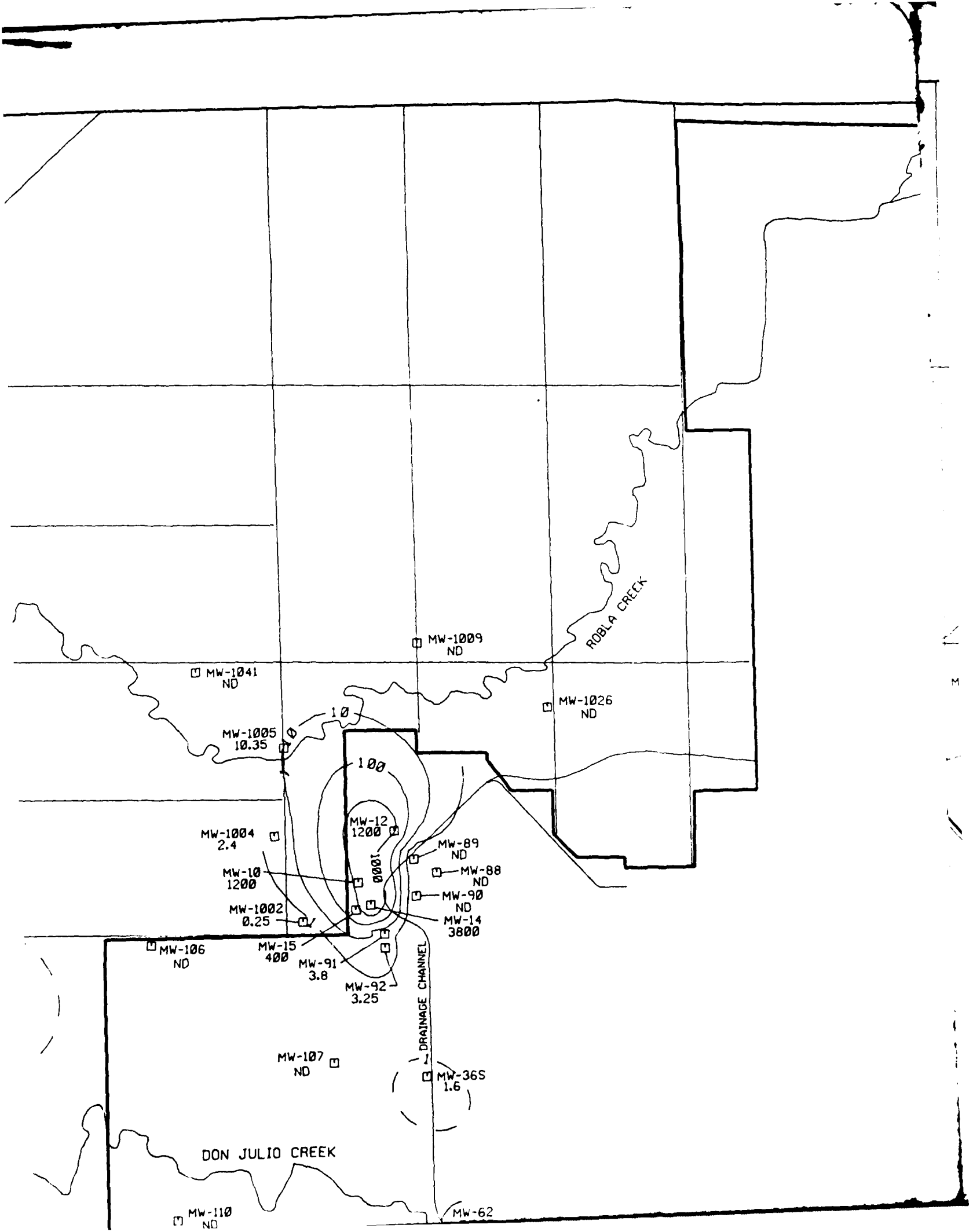
- McClellan AFB Boundary
- Streams
- Monitoring Well
- Extraction Well
- -30 Contours of Equal Hydraulic Head (Note: Hash marks indicate groundwater flow direction.)

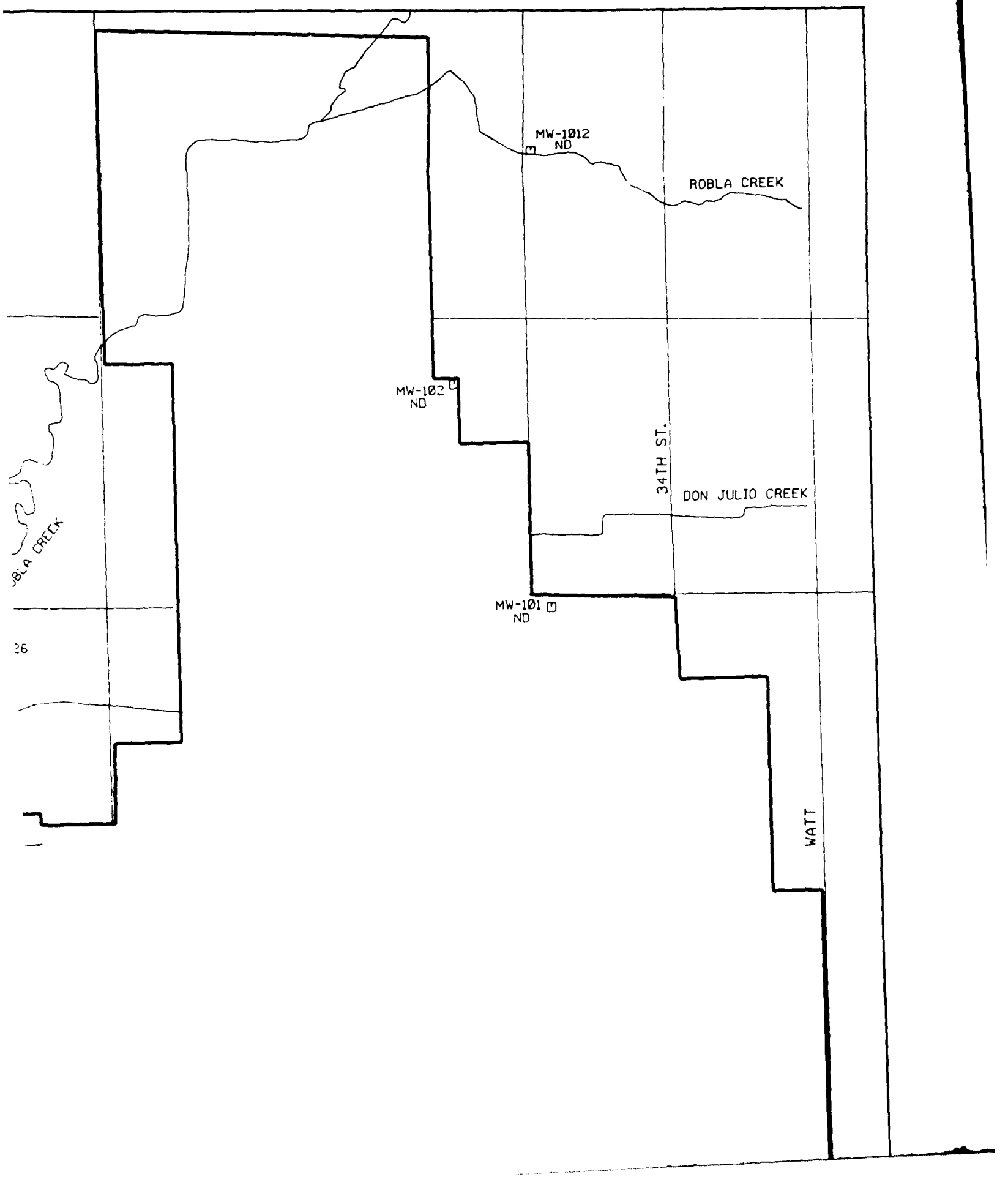
N

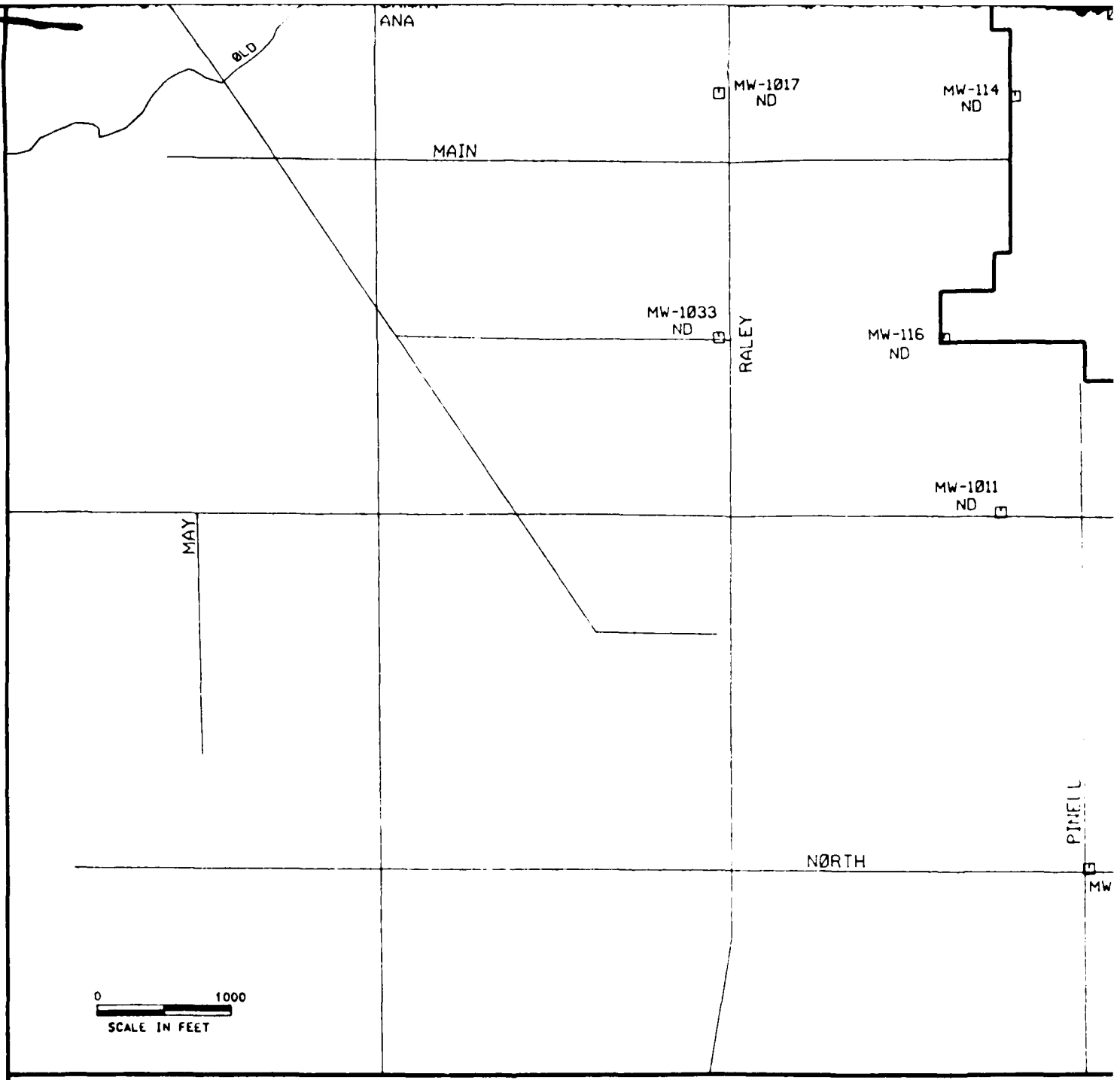
0 1500 3000
SCALE IN FEET

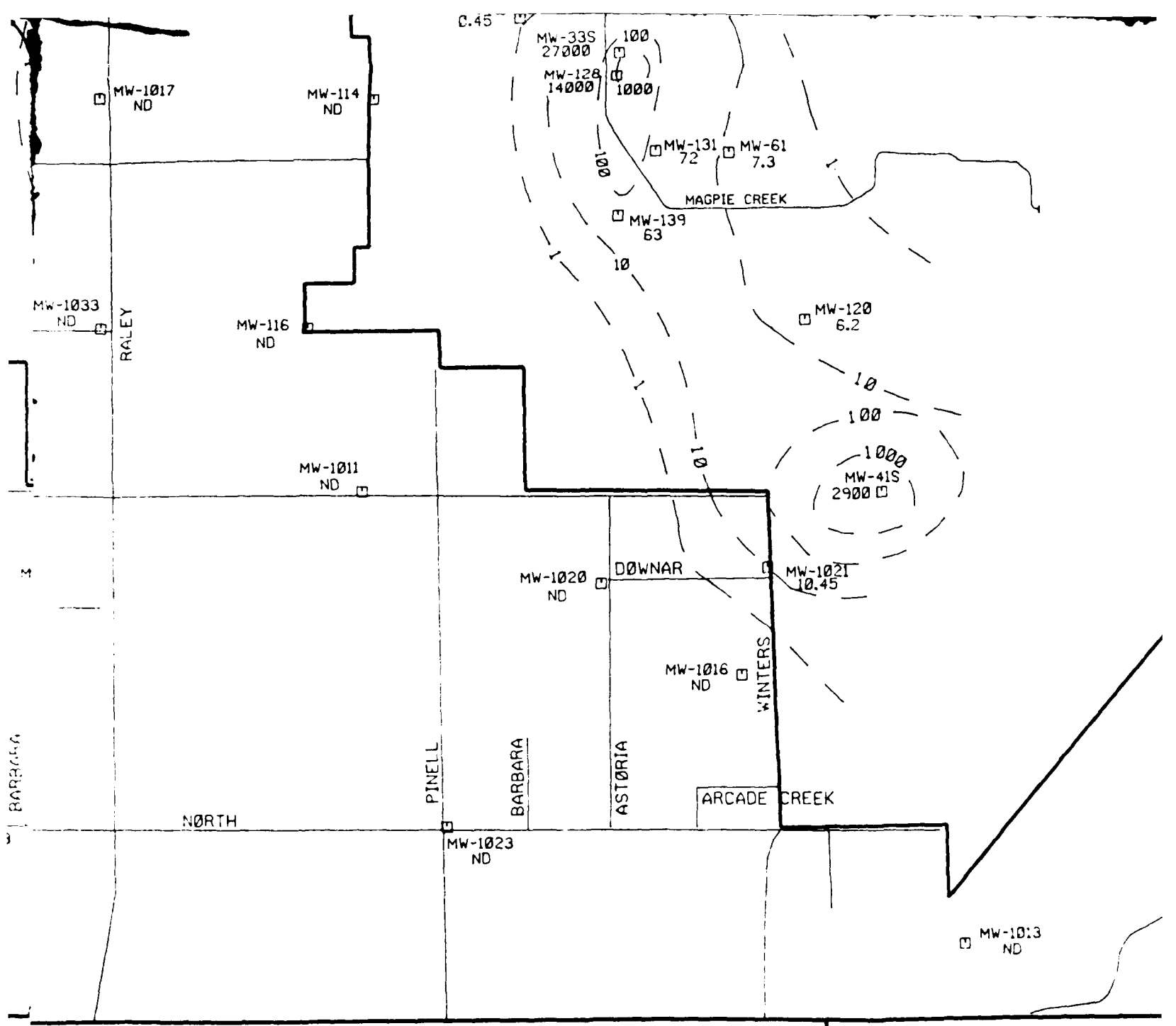
RADIAN CORPORATION

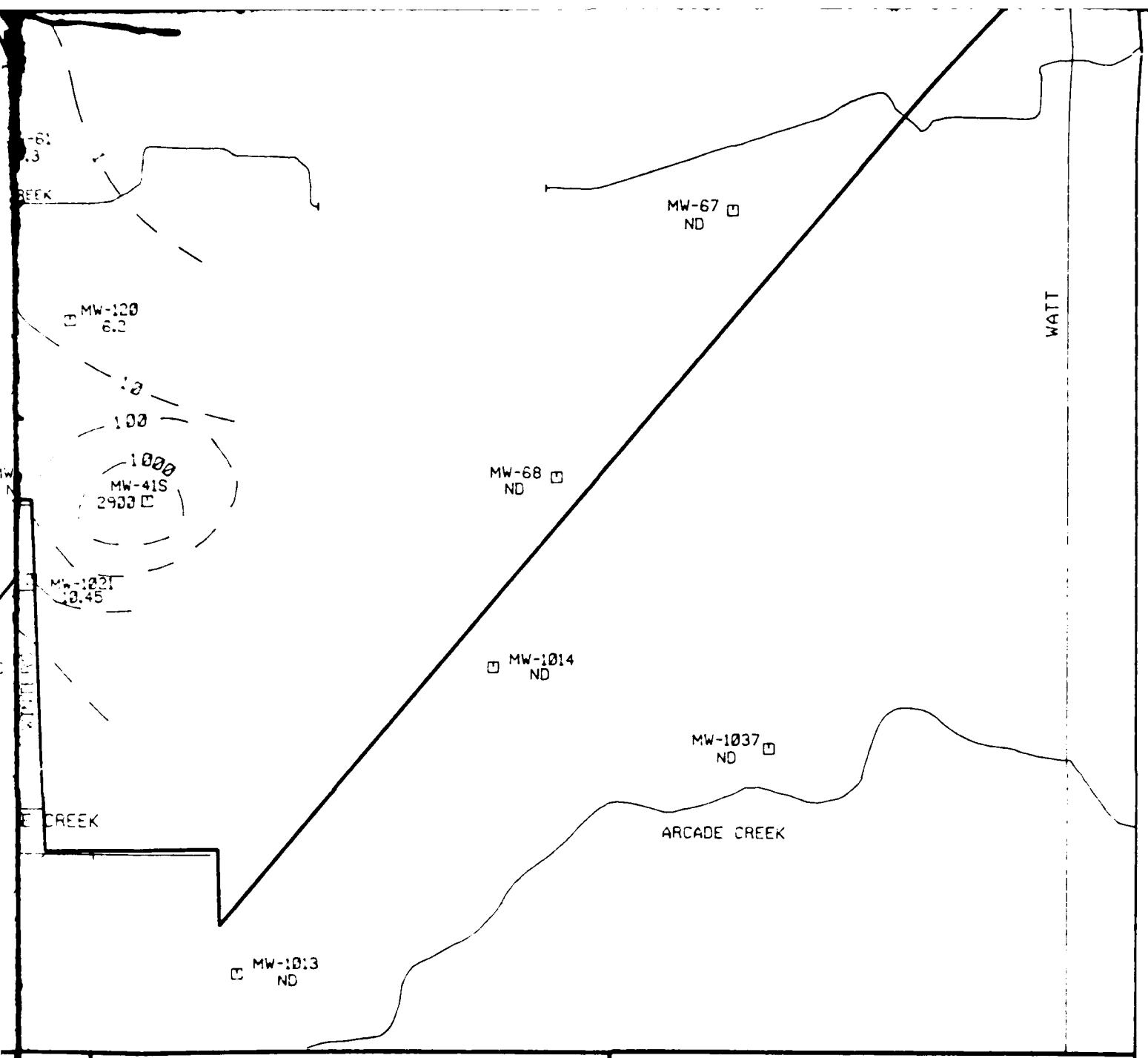

N
I ST.
G ST.
E ST.
C ST.
DRY CREEK
ASCOT
VINCI
CLAIRE
MAGPIE CREEK
DON JULIO CREEK
MW-1041
ND
MW-1005
10.35
10
MW-1004
2.4
MW-10
1200
MW-1002
0.25
MW-106
ND
MW-15
400
MW-91
3.8
MW-1019
0.86
MW-1029
1.9
MW-107
ND
MW-110
ND


ROBLA CREEK
MW-1009
ND
MW-1041
ND
MW-1026
ND
MW-1005
10.35
10
100
1000
MW-12
1200
MW-1004
2.4
MW-89
ND
MW-10
1200
MW-88
ND
MW-90
ND
MW-1002
0.25
MW-14
3800
MW-106
ND
MW-15
400
MW-91
3.8
MW-92
3.25
DRAINAGE CHANNEL
MW-107
ND
MW-36S
1.6
DON JULIO CREEK
MW-110
ND
MW-62


MW-1012
ND
ROBLA CREEK
MW-102
ND
34TH ST.
DON JULIO CREEK
MW-101
ND
WATT


ANA
MW-1017
ND
MW-114
ND
MAIN
MW-1033
ND
RALEY
MW-116
ND
MW-1011
ND
MAY
NØRTH
PINE L
MW
0
1000
SCALE IN FEET


0.45
MW-33S
27000
100
MW-128
14000
1000
MW-131
72
MW-61
7.3
MAGPIE CREEK
MW-139
63
MW-1017
ND
MW-114
ND
MW-1033
ND
RALEY
MW-116
ND
MW-120
6.2
MW-1011
ND
MW-41S
2900
MW-1020
ND
DØWNAR
MW-1021
10.45
MW-1016
ND
WINTERS
ASTØRIA
BARBARA
PINELL
NØRTH
ARCADE CREEK
MW-1023
ND
MW-1013
ND
LEGEND
MONITORING WELL
2.5
TCE CONCENTRATIC
STREAMS
A.F.B. BOUNDARY
ESTIMATED LINES
CONCENTRATION (D
THERE IS LACK OF



LEGEND

⊡	MONITORING WELL
2.5	TCE CONCENTRATIONS (ug\l)
~~	STREAMS
———	A.F.B. BOUNDARY
- - -	ESTIMATED LINES OF EQUAL TCE CONCENTRATION (DASHED WHERE THERE IS LACK OF CONTROL)

Plate 5.
Estimated TCE Concentration Contours for the Shallow Monitoring Zone

McClellan AFB
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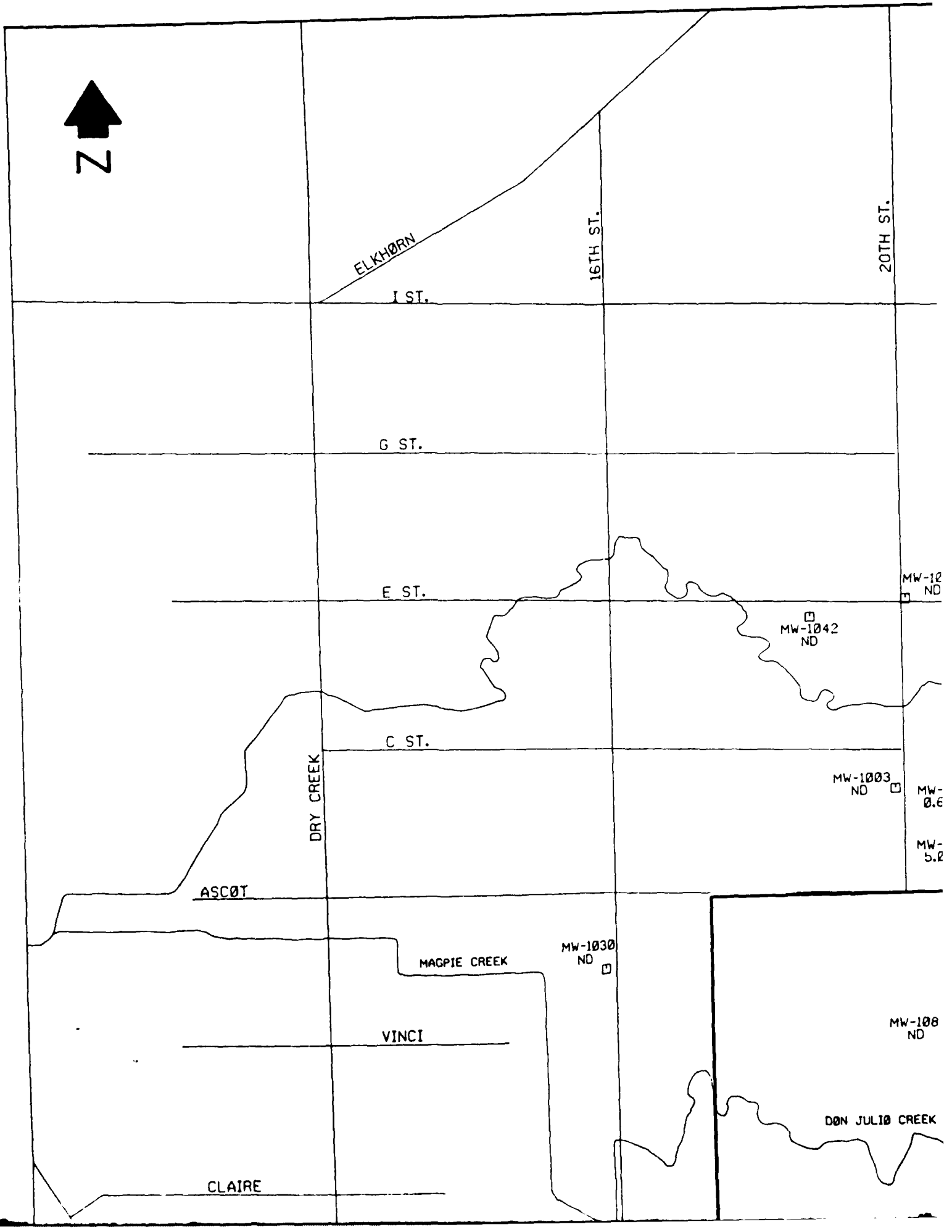
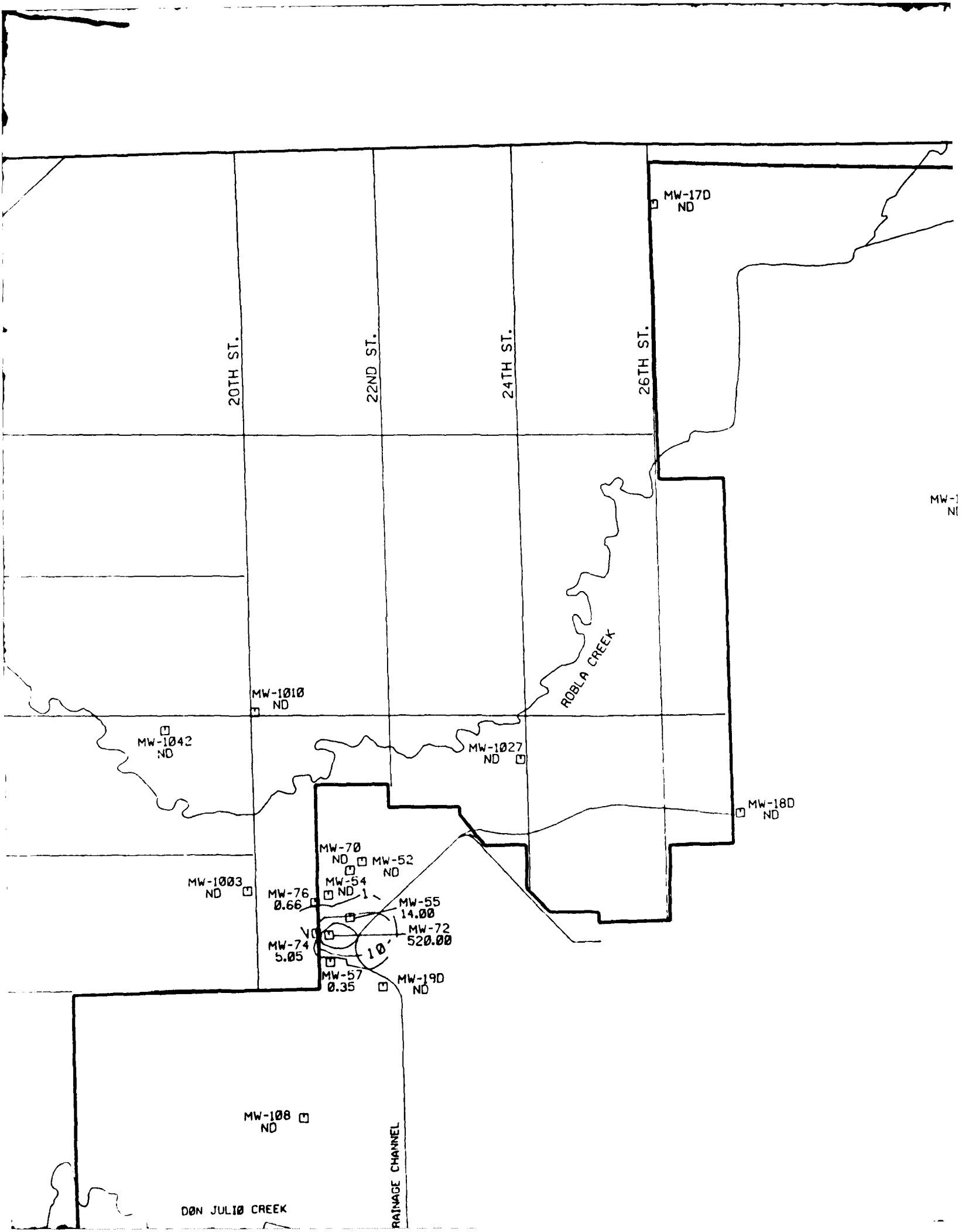
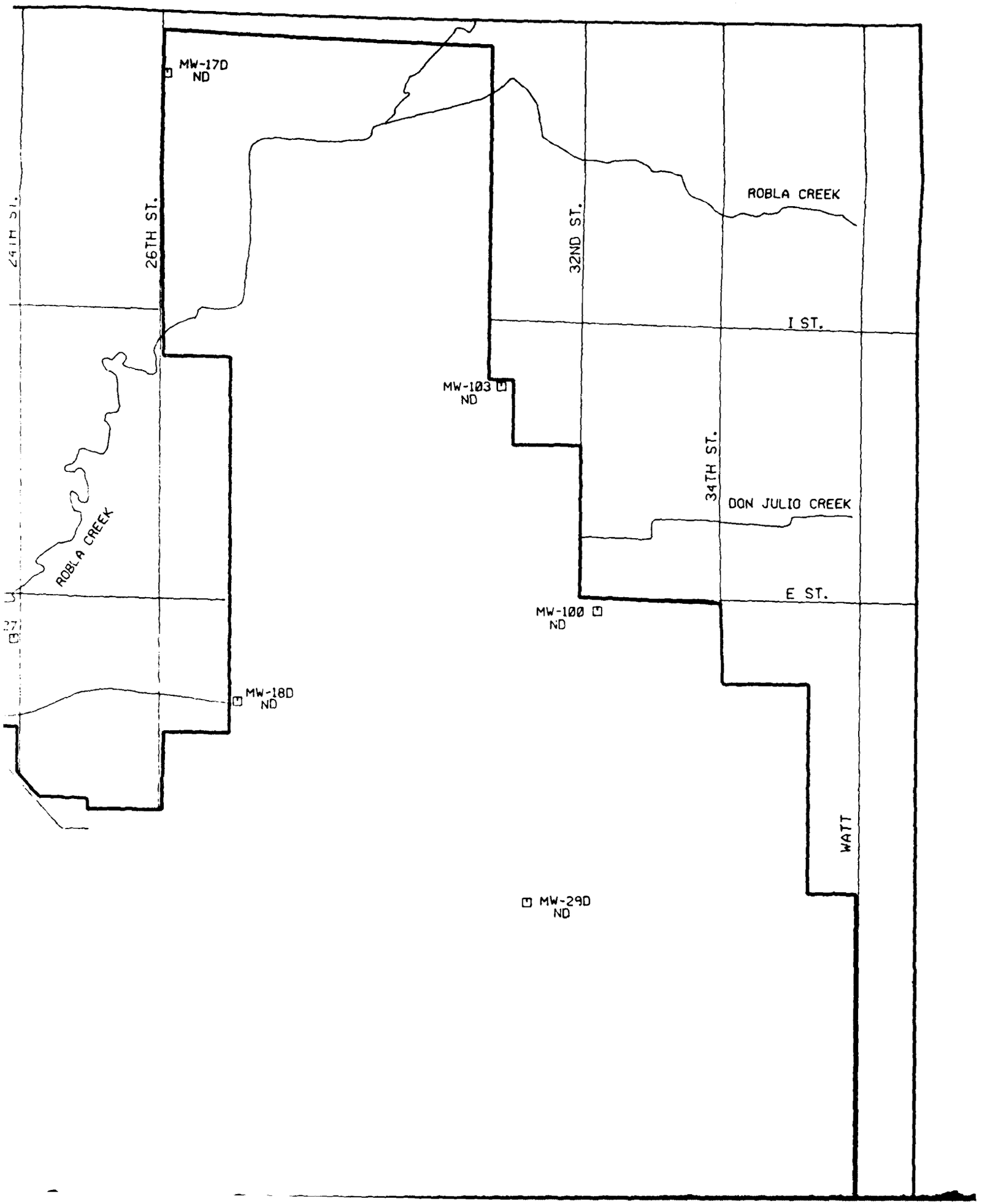
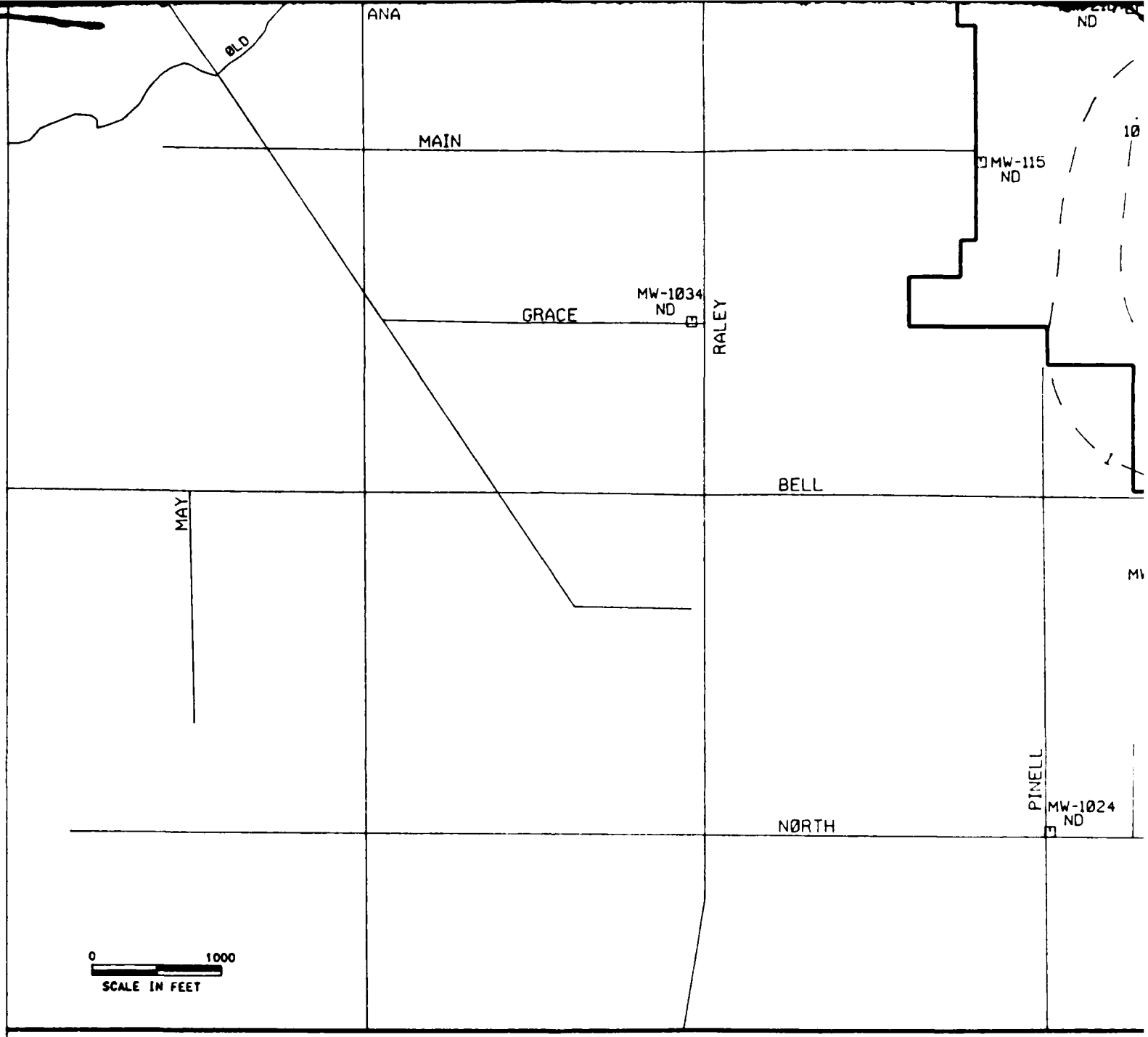
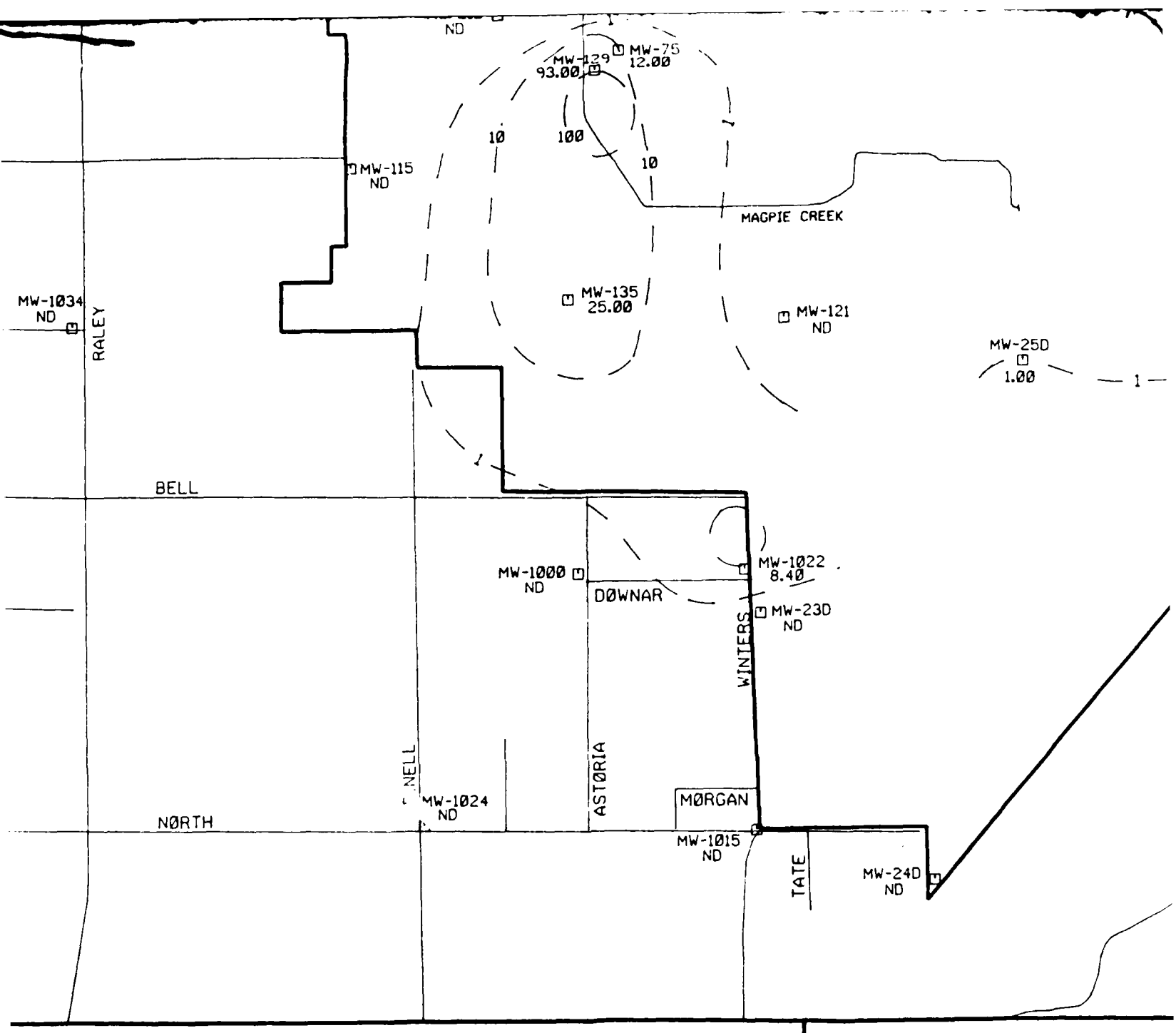
RADIAN CORPORATION


N
ELKHØRN
I ST.
16TH ST.
20TH ST.
G ST.
E ST.
MW-1042
ND
C ST.
DRY CREEK
MW-1003
ND
ASCØT
MAGPIE CREEK
MW-1030
ND
VINCI
MW-108
ND
DØN JULIØ CREEK
CLAIRE


MW-17D
ND
20TH ST.
22ND ST.
24TH ST.
26TH ST.
ROBLA CREEK
MW-1010
ND
MW-1042
ND
MW-1027
ND
MW-18D
ND
MW-70
ND
MW-52
ND
MW-1003
ND
MW-54
ND
MW-76
0.66
MW-55
14.00
MW-72
520.00
MW-74
5.05
10'
MW-57
0.35
MW-19D
ND
MW-108
ND
DON JULIO CREEK
RAINAGE CHANNEL

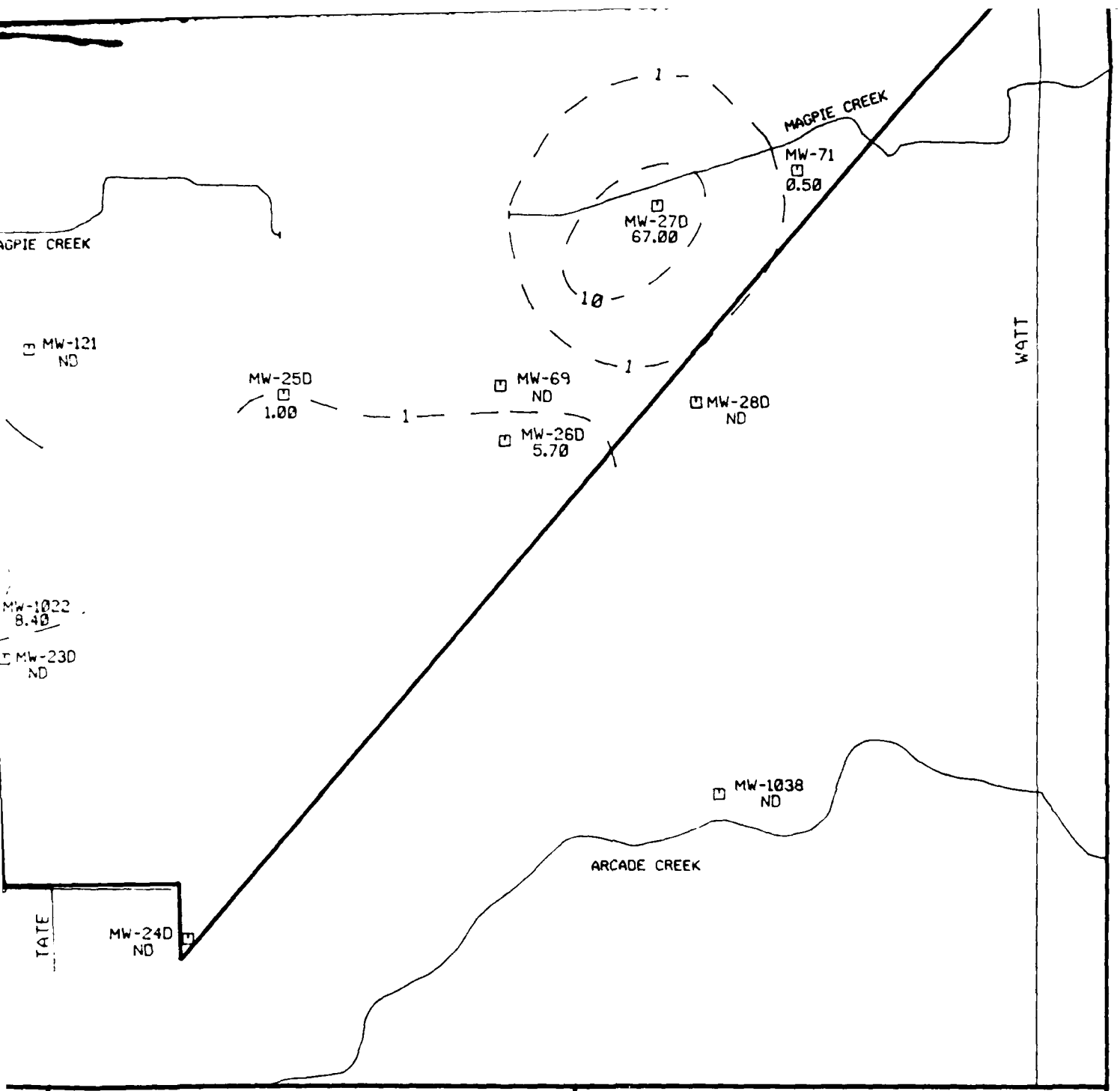

MW-17D
ND
26TH ST.
32ND ST.
ROBLA CREEK
I ST.
MW-103
ND
34TH ST.
DON JULIO CREEK
ROBLA CREEK
E ST.
MW-100
ND
MW-18D
ND
WATT
MW-29D
ND


ANA
ØLD
MAIN
MW-115
ND
ND
10
MW-1034
ND
GRACE
RALEY
BELL
MAY
MW-1024
ND
PINELL
NØRTH
0
1000
SCALE IN FEET



LEGEND

- MONITORING WELL
- 2.5 TCE CONCENTRATIONS
- STREAMS
- A.F.B. BOUNDARY
- ESTIMATED LINES OF E CONCENTRATION (DASHE THERE IS LACK OF CO



LEGEND

- MONITORING WELL
- 2.5 — TCE CONCENTRATIONS (ug\l)
- STREAMS
- A.F.B. BOUNDARY
- ESTIMATED LINES OF EQUAL TCE CONCENTRATION (DASHED WHERE THERE IS LACK OF CONTROL)

Plate 6.
Estimated TCE Concentration Contours for the Middle Monitoring Zone

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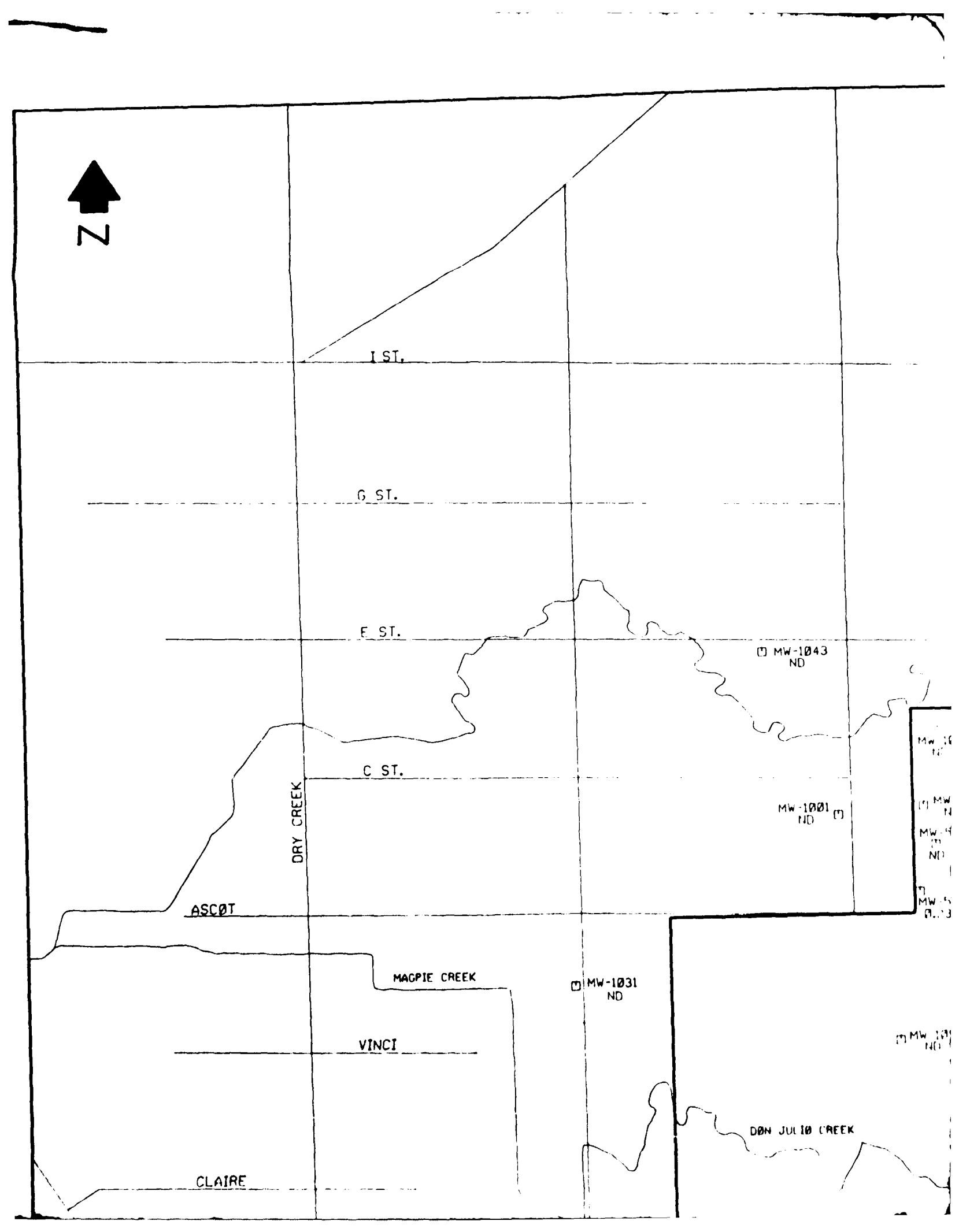
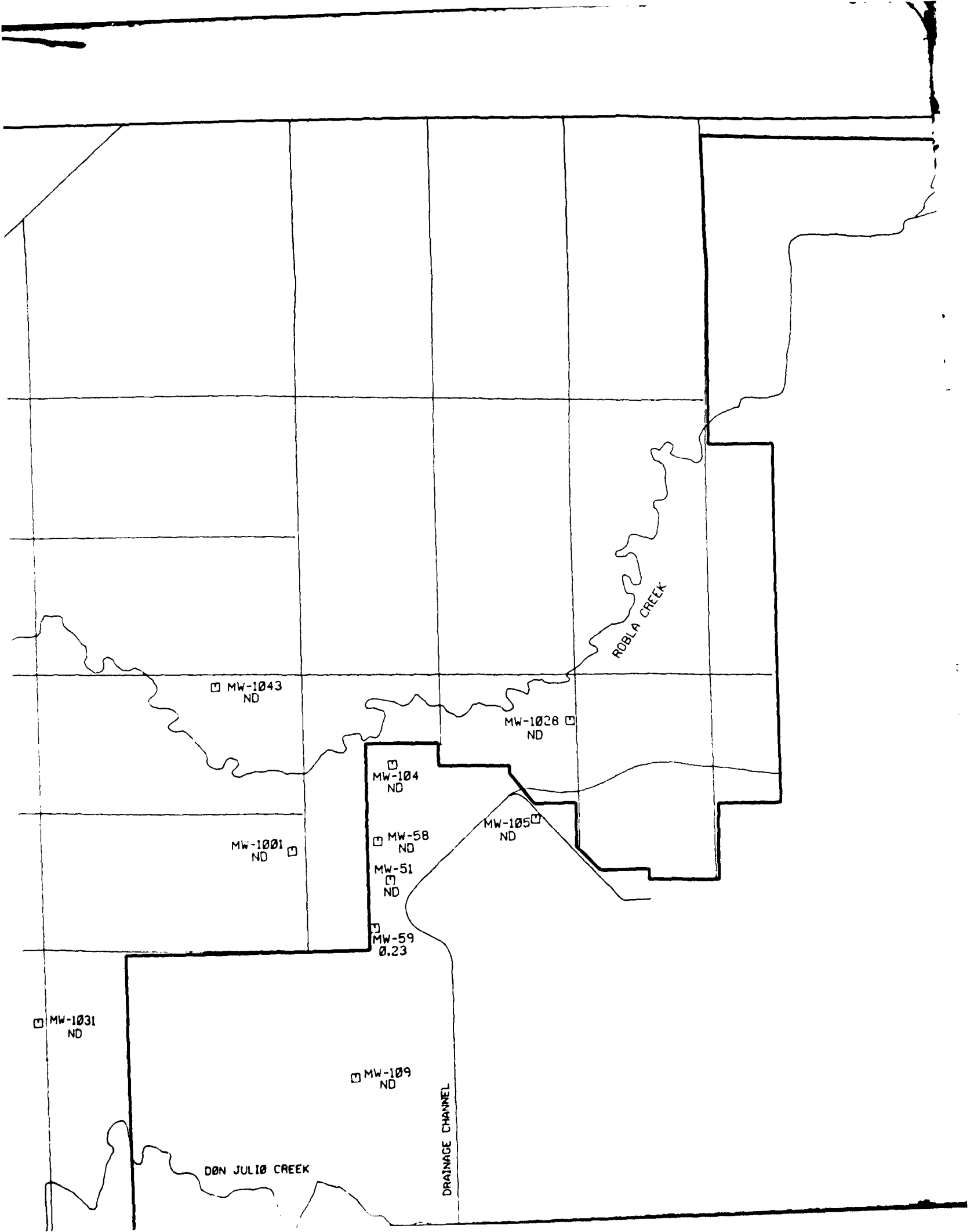
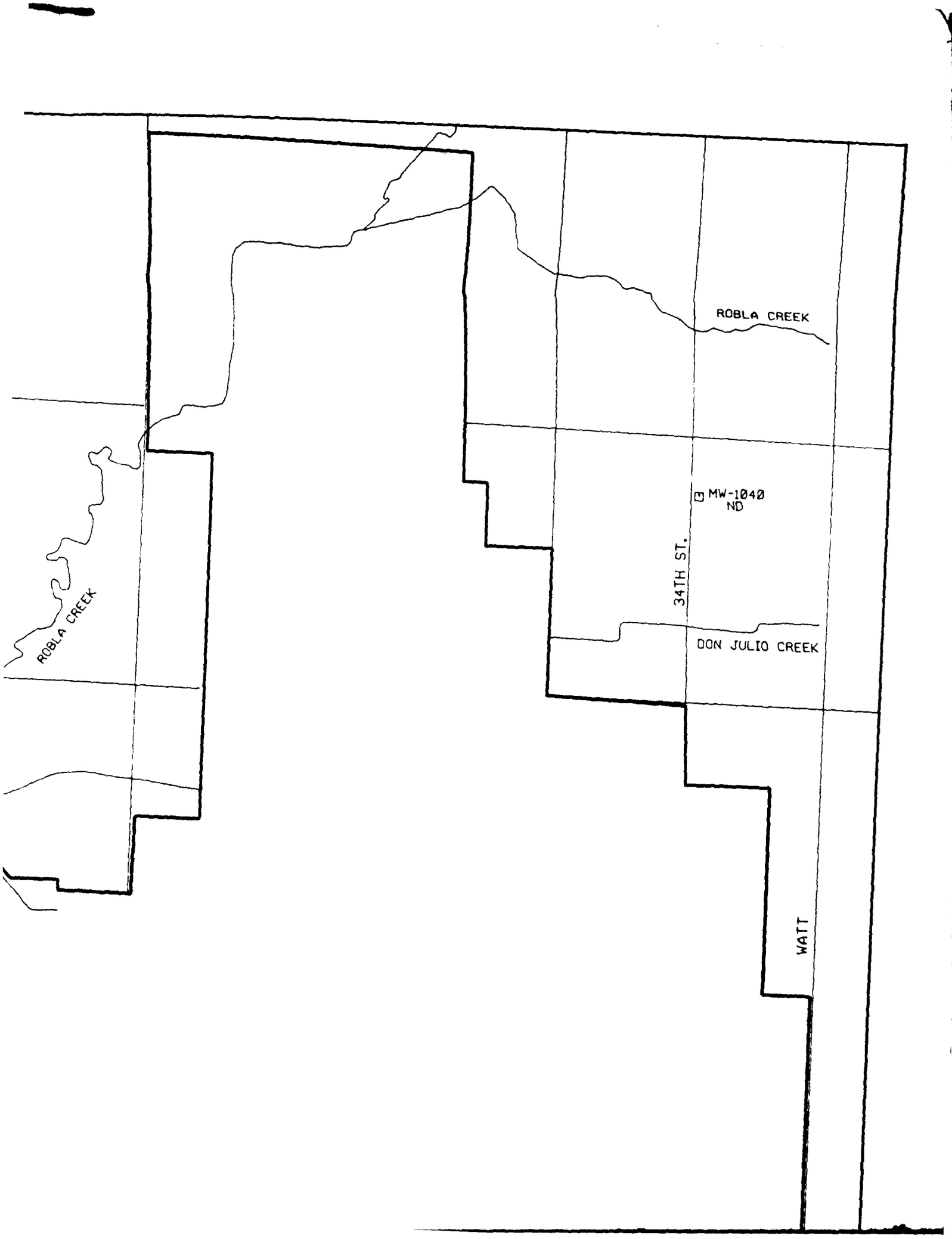
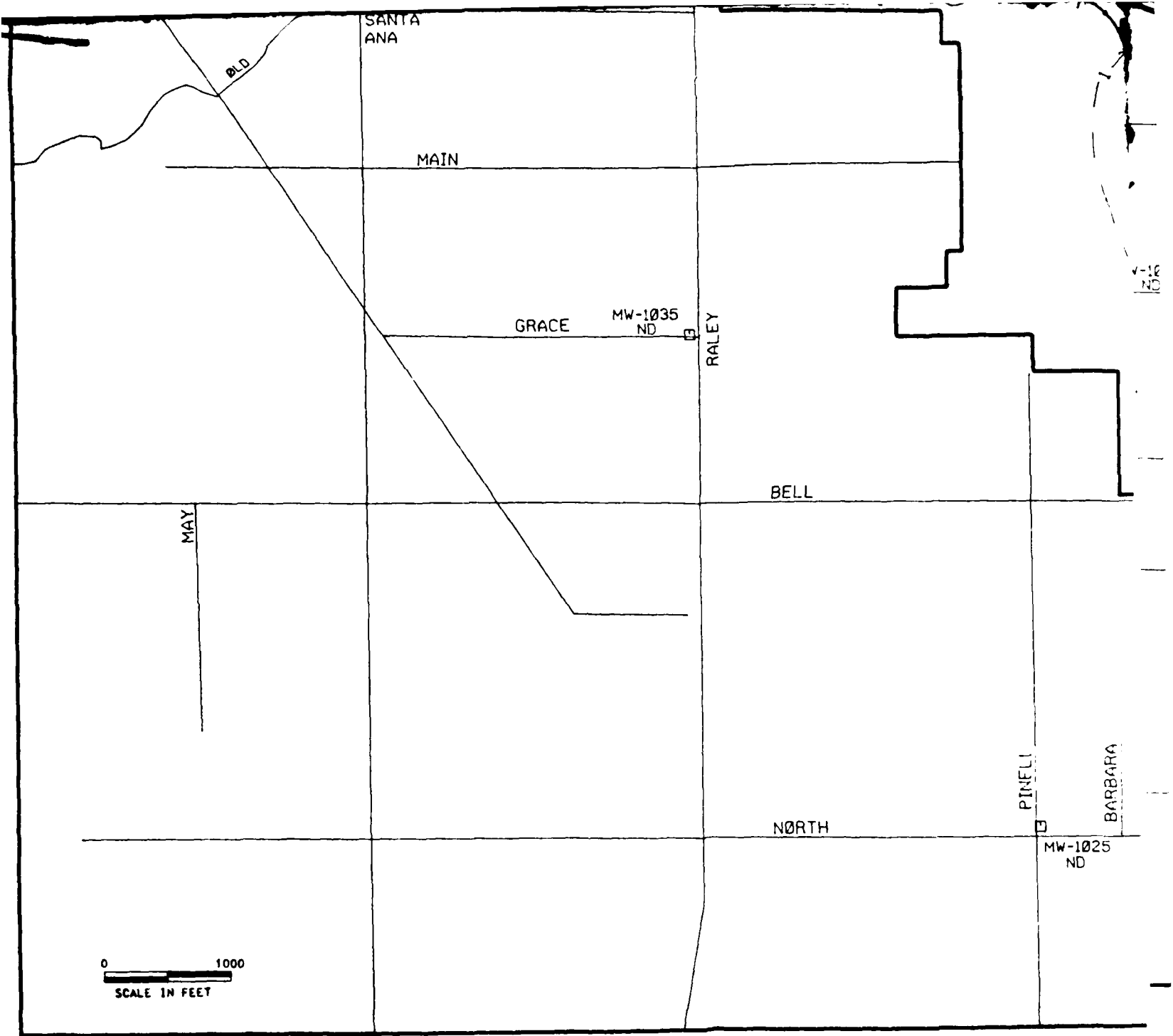
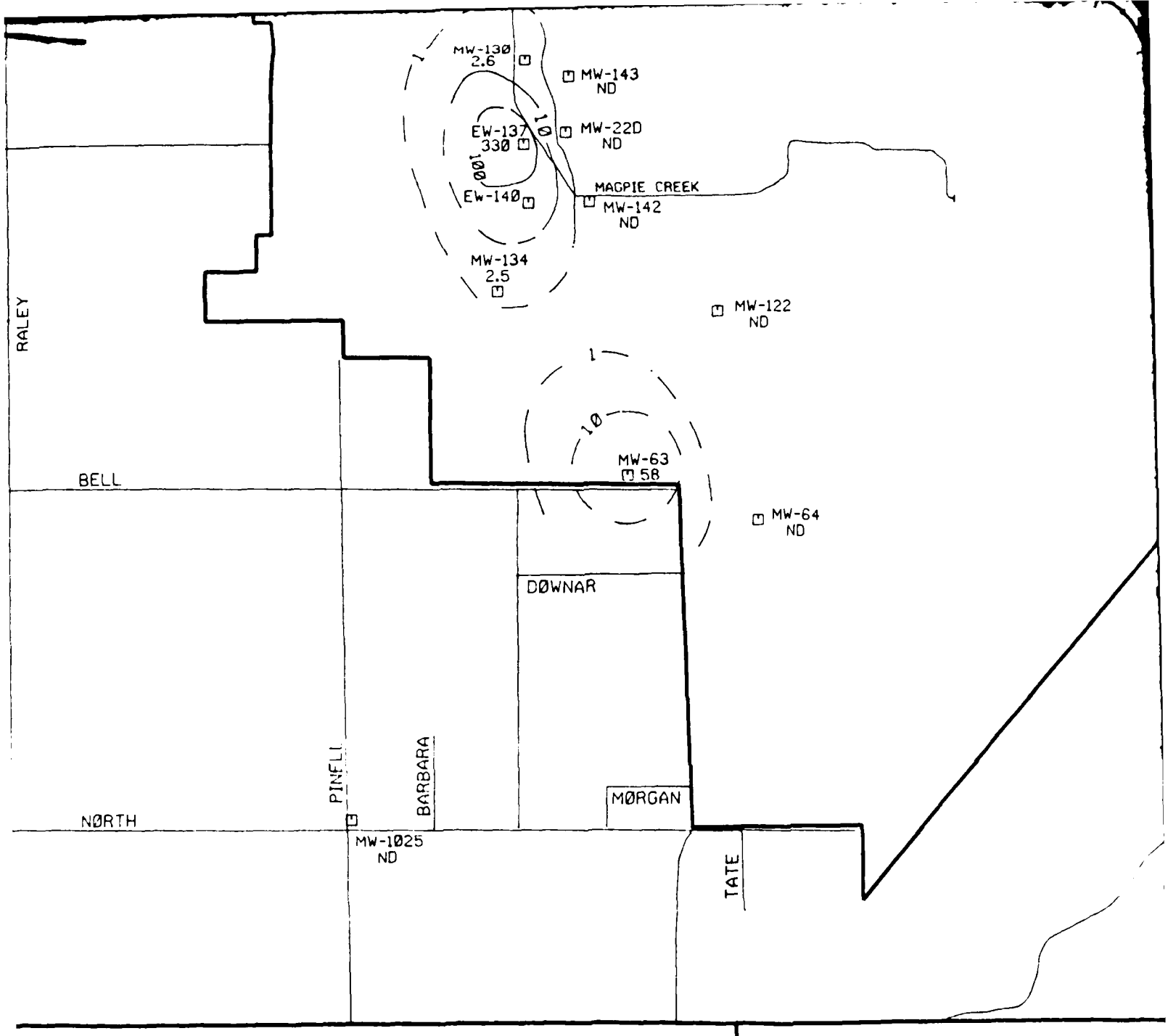

N
I ST.
G ST.
F ST.
MW-1043
ND
C ST.
DRY CREEK
MW-1001
ND
ASCOT
MAGPIE CREEK
MW-1031
ND
VINCI
DON JULIO CREEK
CLAIRE


ROBLA CREEK
MW-1043
ND
MW-1028
ND
MW-104
ND
MW-105
ND
MW-58
ND
MW-1001
ND
MW-51
ND
MW-59
0.23
MW-1031
ND
MW-109
ND
DRAINAGE CHANNEL
DON JULIO CREEK

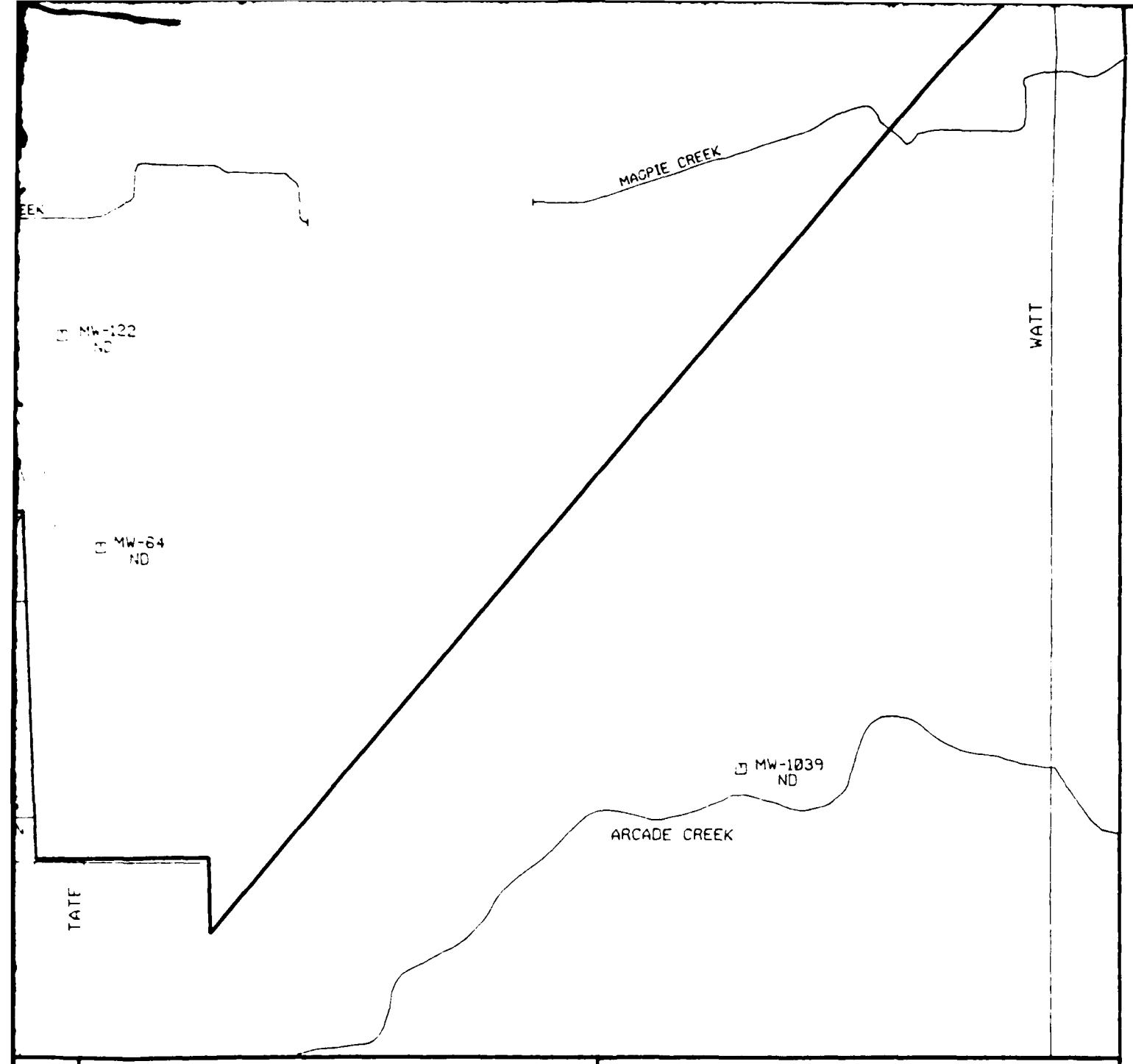

ROBLA CREEK
MW-1040
ND
34TH ST.
DON JULIO CREEK
ROBLA CREEK
WATT


SANTA
ANA
ØLD
MAIN
GRACE
MW-1035
ND
RALEY
BELL
MAY
PINFLI
BARBARA
NØRTH
MW-1025
ND
0
1000
SCALE IN FEET



LEGEND

- MONITORING WELL
- 2.5 TCE CONCENTRATIONS (ug\l)
- STREAMS
- A.F.B. BOUNDARY
- ESTIMATED LINES OF EQUAL CONCENTRATION (DASHED WHEI THERE IS LACK OF CONTROL)



LEGEND

- MONITORING WELL
- 2.5 TCE CONCENTRATIONS (µg\l)
- STREAMS
- A.F.B. BOUNDARY
- ESTIMATED LINES OF EQUAL TCE CONCENTRATION (DASHED WHERE THERE IS LACK OF CONTROL)

Plate 7.
Estimated TCE Concentration Contours for the Deep Monitoring Zone

McClellan AFB
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