

FINAL

**SUPPLEMENTAL
PHASE I ENVIRONMENTAL BASELINE SURVEY
FOR THE LEASING OF NELLIS AIR FORCE BASE LAND
FOR CONSTRUCTION AND OPERATION
OF A SOLAR PHOTOVOLTAIC SYSTEM,
CLARK COUNTY, NEVADA**



JANUARY 2007

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE 09 JAN 2007		2. REPORT TYPE N/A		3. DATES COVERED	
4. TITLE AND SUBTITLE Final Phase I Environmental Baseline Survey for the Leasing of Nellis Air Force Base Land for Construction and Operation of a Solar Photovoltaic System, Clark County, Nevada				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Nellis Air Force Base				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release, distribution unlimited.					
13. SUPPLEMENTARY NOTES The original document contains color images.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	18. NUMBER OF PAGES 132	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

EXECUTIVE SUMMARY

This Phase I Environmental Baseline Survey report was prepared as a supplemental report to support the proposed lease of an additional 6.7 acres of property (hereafter referred to as subject property) owned by Nellis Air Force Base (AFB) to a contractor (not yet determined) for the construction and operation of a Solar Photovoltaic System (SPS). The original EBS report (Final Phase I Environmental Baseline Survey for Leasing Nellis Air Force Base Land for Construction and Operation of a Solar Photovoltaic System, Clark County, Nevada) dated September 2006 (Nellis AFB 2006) was prepared for the lease of 212 acres for the same project. The SPS will be used as a main power source for Nellis AFB. The property in consideration is a portion of Area III, and is located near the northern boundary of Nellis AFB, Clark County, Nevada (see Figures B1 and B2; Appendix B).

This report was prepared and the site reconnaissance was conducted according to Air Force Instruction 32-7066: Environmental Baseline Surveys in Real Estate Transactions and the American Society for Testing and Materials (ASTM) guidelines ASTM E1527-05, which define good commercial and customary practices in the United States for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (42 USC 9601).

According to information gathered from document searches, interviews, and the site reconnaissance, Gulf South Research Corporation (GSRC) found no evidence of contamination in connection with the subject property, although evidence of contamination on properties to the south and southeast of the subject property was reported in the original EBS (Nellis AFB 2006), and is incorporated here by reference. None of the previously reported contamination sites would pose an environmental risk to the subject property.

GSRC recommends that no further environmental studies be conducted for the subject property.

TABLE OF CONTENTS

EXECUTIVE SUMMARY	i
1.0 PURPOSE FOR THE ENVIRONMENTAL BASELINE SURVEY.....	1
1.1 Boundaries of the Property and Survey Area	1
2.0 SURVEY METHODOLOGY	3
2.1 Approach and Rationale	3
2.1.1 Description of Documents Reviewed	4
2.1.2 Property Inspections	9
2.1.3 Personal Interviews	11
3.0 FINDINGS FOR SUBJECT PROPERTY	13
3.1 History and Current Use	13
3.1.1 Historic Topographic Quadrangles	13
3.1.2 Historic Aerial Photographs	13
3.2 Environmental Setting	14
3.3 Hazardous Substances	14
3.3.1 Hazardous Materials and Petroleum Products	14
3.3.2 Hazardous and Petroleum Waste	14
3.4 Environmental Restoration Program Sites	15
3.5 Storage Tanks	15
3.5.1 Aboveground Storage Tanks	15
3.5.2 Underground Storage Tanks	15
3.5.3 Pipelines, Hydrant Fueling, and Transfer Systems.....	15
3.6 Oil Water Separators	15
3.7 Pesticides	15
3.8 Medical Biohazardous Waste	16
3.9 Ordnance	16
3.10 Radioactive Wastes	16
3.11 Solid Waste	16
3.12 Ground Water	16
3.13 Wastewater Treatment, Collection and Discharge	16
3.14 DISCLOSURE ITEMS	17
3.14.1 Drinking Water Quality	17
3.14.2 Asbestos	17
3.14.3 Polychlorinated Biphenyls (PCBs)	17
3.14.4 Radon	17
3.14.5 Lead-Based Paint	17
4.0 FINDINGS FOR ADJACENT PROPERTIES	19
4.1 Land Uses	19
4.2 Surveyed Properties	19
5.0 APPLICABLE REGULATORY COMPLIANCE ISSUES	21
5.1 List of Compliance Issues	21
5.2 Description of Corrective Actions	21
5.3 Estimates of Various Alternatives	21
6.0 CONCLUSIONS	23
6.1 Facility Matrix	23
6.2 Property Categories Map	23

6.3	Resources Map	23
6.4	Data Gaps	23
7.0	RECOMMENDATIONS.....	25
8.0	CERTIFICATIONS	27

LIST OF TABLES

Table 1.	Summary of Database Information Received During Preparation of the EBS	5
Table 2.	Historical Topographic Quadrangles/Aerial Photographs Reviewed	7
Table 3.	Chain of Title for the Subject Property	9

LIST OF APPENDICES

Appendix A.	EDR Radius Map Report
Appendix B.	Maps and Figures
Appendix C.	Topographic Quadrangles/Aerial Maps and Site Photos
Appendix D.	References
Appendix E.	Terms

SECTION 1.0
PURPOSE FOR THE ENVIRONMENTAL BASELINE SURVEY



1.0 PURPOSE FOR THE ENVIRONMENTAL BASELINE SURVEY

The purpose of this Supplemental Phase I Environmental Baseline Survey is to (1) document the nature, magnitude, and extent of any environmental contamination of the subject property considered for the out-grant lease; (2) identify potential environmental contamination liabilities associated with the proposed transaction and establish environmental due diligence; (3) develop information to assess health and safety risks; (4) protect human health and the environment; (5) determine possible effects of contamination on property valuation; (6) provide notice of environmental condition when required under Section 120 [h] [1] of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 as amended (42 USC 9620 [h] [1]) or any applicable state or real property disclosure requirements.

1.1 BOUNDARIES OF THE PROPERTY AND SURVEY AREA

The boundaries of the subject property are as shown in Figure B3. The approximate description of the portion of Area III being leased for the SPS, which includes the subject property, is Township 19 South, Range 62 East (see Appendix B):

Section 32 E/2 - NE/4 - NE/4

Section 28 SW/4 - SW/4; SE/4 - SW/4

Section 33 NE/4 - NW/4; NW/4 - NW/4; SW/4 - NW/4; SE/4 - NW/4; NW/4 - NE/4; SW/4 - NE/4; NE/4 - SW/4; NW/4 - SE/4; SW/4 - SE/4

The subject property is located near the center of Section 33 of Township 19 South, Range 62 East in the SE/4 – NW/4 and the NE/4 – SW/4.

THIS PAGE LEFT INTENTIONALLY BLANK

SECTION 2.0
SURVEY METHODOLOGY



2.0 SURVEY METHODOLOGY

2.1 APPROACH AND RATIONALE

This report was produced in accordance with the following:

AFI 32-7066

“This instruction implements Air Force Policy Directive (AFPD) 32-70, Environmental Quality, by spelling out responsibilities and procedures for an Environmental Baseline Survey (EBS) in a real property transaction. This instruction also covers additional procedures for transactions involving unremediated real property and for the termination or expiration of temporary interests in real property.”

ASTM E1527-05

“The ASTM guideline defines good commercial and customary practices in the U.S. for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the CERCLA (42 USC 9601). This practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability.”

Gulf South Research Corporation’s (GSRC) scope of services for this project include four major components: (1) Federal, state, and local environmental records review, including a review of historical and physical setting records; (2) a site reconnaissance to search for visible indications of contamination or potential contamination to the environmental or human health and safety; (3) interviews with key site personnel and local government officials; and (4) the preparation of this report.

This EBS report categorizes the presence of hazardous substances or petroleum products or their derivatives for the subject property into the following:

Category 1 – No storage, release or disposal has occurred. Property where no hazardous substances or petroleum products or their derivatives were stored, released into the environment or structures, or disposed on the subject property and where no migration from adjacent areas has occurred.

Category 2 – Only storage has occurred. Property where hazardous or petroleum products or their derivatives were stored, but no release, disposal or migration from adjacent areas occurred.

Category 3 – Contamination below a level that requires any action. Property where contamination is present but falls below established action levels characterized pursuant to the Environmental Restoration Program (ERP) that is managed by the Restoration Program Manager (RPM) of the 99 CES/CEVR.

Category 4 – Remedial action required and taken. Property where contamination above action levels existed but all remedial actions necessary to protect human health and the environment have been taken to meet the provisions of CERCLA Section 120 (h) (3).

Category 5 – Remedial or other action underway. Property is undergoing remedial action for known contamination.

Category 6 – Required response action not implemented. Property contains known contamination and required remedial systems or other actions have not been selected or implemented.

Category 7 – Further evaluation required. Property has indications of existing contamination or the potential for a release of hazardous substances into the environment or structures, but not well characterized pursuant to the ERP.

2.1.1 Description of Documents Reviewed

GSRC contracted Environmental Data Resources, Inc. (EDR; see Appendix A) to search Federal and state environmental databases that track activities associated with hazardous waste and incidents that have resulted in major environmental impairment. Because the previous database search was prepared more than 180 days prior to the current investigation, a new database search was contracted, according to ASTM E1527-05 requirements. These databases are prepared and maintained by various Federal and state environmental agencies such as the U.S. Environmental Protection Agency (EPA; see Appendix A) and the Nevada Division of Environmental Protection (NDEP; see Appendix A). The minimum appropriate

search distance was 1 mile from the subject property's boundary (Table 1). The EDR report showing all information pertaining to the database searches is presented in Appendix A.

No information regarding additional environmental concerns not reported in the previous EBS (Nellis AFB 2006) within or in the vicinity of the subject property was found in the Federal or state databases according to the new report by EDR (EDR 2006).

Table 1. Summary of Database Information Received During Preparation of the EBS

Primary Federal Databases	Date of Database	Search Distance*
National Priorities List (NPL)	September 2006	1.0 mile
Delisted NPL	September 2006	0.5 mile
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	August 2006	0.5 mile
CERCLIS No Further Remedial Action Planned (CERC-NFRAP)	October 2006	0.5 mile
Resource Conservation and Recovery Act (RCRA) Information-Transportation, Storage, and Disposal Facilities (RCRA-TSD); Large Quantity Generators (LQG) and Small Quantity Generators (SQG)	June 2006	Subject Property and Adjoining Properties
Emergency Response Notification System (ERNS)	December 2005	0.25 mile
Department of Defense Sites (DOD)	December 2004	Subject Property
Toxic Release Inventory (TRIS)	December 2004	0.25 mile
FIFRA/TSCA Tracking System (FTTS)	October 2006	1.0 mile
Integrated Compliance Information System (ICIS)	February 2006	1.0 mile
PCB Activity Database (PADS)	July 2006	1.0 mile
Facility Index System (FINDS)	July 2006	1.0 mile
Primary State Databases	Date of Database	Search Distance*
Corrective Action Case List (SHWS)	March 2006	1.0 mile
Solid Waste Facilities/Landfill Sites (SWF/LF)	October 2005	0.5 mile
Recycling Information Listing (SWRCY)	September 2006	1.0 mile
Leaking Underground Storage Tank Incident Reports (LUST)	March 2006	0.5 mile
Registered Underground Storage Tanks (UST)	October 2006	Subject Property and Adjoining Properties
Hazardous Materials Repository Information Data (TIER 2)	September 2006	1.0 mile

Source: EDR, Inc. 2006.

*In accordance with ASTM E1527-05.

Primary Federal and State Databases

Primary Federal databases reviewed by EDR, Inc. included:

- The National Priorities List (NPL; see Appendix A) – This database includes EPA NPL sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.
- Delisted NPL – This database includes EPA final NPL sites where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL.
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS; see Appendix A) – This database contains an extract of sites that have been or are in the process of being investigated for potential environmental risk.
- CERCLIS No Further Remedial Action Planned (CERCLIS-NFRAP; see Appendix A) – This database includes sites, which have been determined by the EPA, following preliminary assessment, that no longer pose a significant risk or require further activity under CERCLA.
- Resource Conservation and Recovery Act Information (RCRA; see Appendix A) – This database includes handlers, generators, transporters, violations, corrective actions, and treatment, storage and disposal facilities of hazardous wastes.
- Department of Defense (DOD; see Appendix A) Sites – This database contains a list of DOD sites located within the subject property.
- Emergency Response Notification System (ERNS; see Appendix A) – This database contains data on reported releases of oil and hazardous substances.
- FIFRA/TSCA Tracking System (FTTS; see Appendix A) – Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA; see Appendix A)/Toxic Substances Control Act (TSCA; see Appendix A) and Emergency Planning and Community Right-to-Know Act (EPCRA; see Appendix A) tracking system regarding pesticide enforcement actions, compliance activities related to FIFRA, and activities related to EPCRA over the previous five years.
- Integrated Compliance Information System (ICIS; see Appendix A) – This database supports the needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES; see Appendix A) program.
- PCB Activity Database (PADS; see Appendix A) – This database identifies generators, transporters, commercial storers and/or brokers and disposers of polychlorinated biphenyls (PCBs; see Appendix B) who are required to notify the EPA of such activities.
- Facility Index System (FINDS; see Appendix A) – This database contains both facility information and 'pointers' to other sources that contain more detail.

Primary state databases reviewed by EDR include:

- Corrective Action Case List (SHWS; see Appendix A) – This is a listing of corrective action sites.
- Landfill List (SWF/LF; see Appendix A) – This is a list of solid waste facilities/landfill sites.
- Recycling Information Listing (SWRCY; see Appendix A) – This is a listing of registered waste tire collection sites.
- Leaking Underground Storage Tank Incident Reports (LUST; see Appendix A) – This is an inventory of reported leaking underground storage tank incidents.
- Underground Storage Tank List (UST; see Appendix A) – This is a list of registered USTs in the State of Nevada.
- Hazardous Materials Repository Information Data (TIER 2) – This is a list of EPCRA required facilities which store or manufacture hazardous materials.

All of the sites listed in the EDR report were previously reported and investigated in the prior EBS for the project (Nellis AFB 2006), and Table 2 of that report, which lists all sites registered in the databases reported, is incorporated here by reference.

Historical Maps/Aerial Photographs

A search was made by EDR and GSRC for historical aerial photographs and historical quadrangle maps available for the subject property as part of the previous EBS (Nellis AFB 2006), and those maps and aerial photographs also cover the subject property of this report. Historical topographic quadrangle maps were only available for 1952, 1973 and 1974. Historic aerial photographs were obtained from Nellis AFB staff and were available for the years of 1943 through 2005. These maps typically show any development or habitat changes over the years. The historical topographic quadrangles and aerial photographs reviewed by GSRC are listed in Table 2 and can be found in Appendix C.

Table 2. Historical Topographic Quadrangles/Aerial Photographs Reviewed

DATE	QUADRANGLE/PHOTOGRAPH NAME	SCALE
1943	Nellis AFB	----
1952	Las Vegas/Gass Peak SW	1:62,500
1958	Nellis AFB	----
1973	Las Vegas NE	1:24,000
1973	Nellis AFB	----
1974	Valley	1:24,000
1984	Nellis AFB	----
1990	Nellis AFB	----
2005	Nellis AFB	----

Source: Nellis AFB; U.S. Geological Survey 1952, 1973, 1974.

Environmental Baseline Surveys

A review of the *Environmental Baseline Survey for the Land Lease to the 63rd Regional Support Command* (Nellis AFB 1996) document which was prepared for a portion of Area III (within 100 feet of the subject property) was reviewed for the previous EBS (Nellis AFB 2006) for information regarding potential threats to the subject property or any other information deemed appropriate for use in this report. According to the EBS, "A review of the Installation Restoration Program, aerial photos, and a visual inspection indicated no evidence of contaminants exist on or near the subject property being leased to the RSC."

Landfill Report

The *Installation Restoration Program Records Search for Nellis Air Force Base, Nevada* (CH₂M Hill 1982) document was reviewed for the previous EBS (Nellis AFB 2006) for information pertaining to LF-02 which is located northwest of the subject property in Area III. The Installation Restoration Program report briefly described the history of LF-02 and was discussed in further detail in that EBS. That discussion is incorporated here by reference. LF-02 would not pose an environmental risk to the subject property of this report.

Monitoring Reports

A review of the *Third Quarter 2005 Monitoring Report for the Kinder Morgan Energy Partners, L.P., Las Vegas Terminal, Nevada* (TRC 2005) document was reviewed in the previous EBS (Nellis AFB 2006) for information regarding historical releases of hazardous materials/waste or petroleum products from the Kinder Morgan pipeline terminal, which is immediately adjacent to the southeastern boundary of Area III (Figure B3). According to the report, the groundwater within the vicinity of the pipeline terminal is contaminated from historical releases of methyl tertiary-butyl ether (MTBE) and has encroached into monitoring wells located on Nellis AFB. That groundwater contamination would not pose an environmental risk to the subject property of this report.

Groundwater Monitoring Reports

The *Nellis Air Force Base Sites LF-01 and LF-02, Project No.RKMF20057001, Groundwater Monitoring Report* (Black & Veatch 2006) was reviewed in the previous EBS (Nellis AFB 2006) for information regarding the condition and/or contamination of groundwater located in LF-02, which is located within near proposed subject property (Figure B3). A discussion of the findings of this report was presented in Section 3.4 of that EBS, and is incorporated here by reference.

No groundwater contamination related to LF-02 would pose an environmental risk to the subject property of this report.

Facility Response Plan

The *Final Draft, Nellis Air Force Base 19-1, Facility Response Plan* (Nellis AFB 2006a) and spill report file was reviewed in the previous EBS (Nellis AFB 2006) to determine if spills of reportable quantities have occurred within Area III in the past 5 years. According to information from the facility response plan, no reportable spills have occurred within the previous subject property, and therefore, no reportable spills would have occurred on the subject property of this report.

Tract Register of Acquisition

The chain of title information was researched and reviewed at the Nellis AFB real estate office as part of the previous EBS (Nellis AFB 2006) to determine historical ownership of the Area III property since its inception as a military installation. Table 3 summarizes the transactions that occurred for the acquisition of the subject property of this report after July 1, 1940 (Figure B4).

Table 3. Chain of Title for the Subject Property

Tract Number Acquired	Name of Seller
B132	City of Las Vegas
B149	City of Las Vegas

2.1.2 Property Inspections

A site reconnaissance was conducted on December 7, 2006 by Mr. Stephen Oivanki. The focus of the effort was to investigate the subject property and adjacent properties for visual evidence of any adverse impacts due to potential hazardous or toxic substances, or the presence of potential sources for impacts, such as drums, petroleum products and leaking USTs.

The approximately 6.7-acre subject property was accessible by vehicle and by foot from the adjacent DRMO area. The subject property consists of open desert scrub land that supports a sparse density of vegetation (approximately 20 to 30 percent ground coverage). The topography of the subject property is relatively flat, with a slight overall slope to the south. No buildings or standing structures were observed on the subject property.

The property had been previously impacted by numerous vehicle tracks throughout, and several piles of mostly concrete demolition debris were observed. The property is fenced with a chain link fence on the south, east and north sides. The west side is open adjacent to the DRMO area, which is also fenced. A shallow drainage ditch crosses the north edge of the property. The east side of the property has 2-foot high earthen berm along the fence line.

It appears from the configuration of the tracks and trails on the property that the area was previously used for tank training maneuvers. A tank course is set up on the property with several obstacles and maneuvering targets, and tank tracks are evident all over the property. Photos of the various obstacles set up on the course are shown in Appendix C. No leaks or spills of petroleum substances from those previous tank operations were observed.

A natural gas transmission pipeline runs along the west boundary of the subject property, and several pipeline warning signs indicate the location of the buried pipeline. The pipeline is owned by Southwest Gas Corporation, and is a 4-inch line located in a 10-foot wide easement. No evidence of contamination from that pipeline was observed. Several telephone line junction boxes are present on the property, although no associated structures or foundations were observed, and the direction of the buried lines was not discernible.

On the adjacent property west and southwest of the subject property, there are several concrete slabs, and it is likely that underground telephone cables and electrical cables connect to these slabs through the subject property.

Two electrical support poles with transformers are present along the south boundary of the subject property, but the transformers show no indication of PCB content. The electrical lines are in use, and the transformers are also assumed to be in current use, and appear to be in good working condition. According to the previous EBS (Nellis AFB 2006), all transformers on the base are non-PCB units.

The property south and southwest of the subject property contains an office building for base security, and vehicles and equipment are parked behind and adjacent to the office building. No environmental risk issues were observed on that property.

The DRMO area to the west of the subject property is fenced, with abandoned and salvaged equipment stored on a concrete slab and in a metal warehouse. No equipment, drums or other environmental risk issues were observed in the DRMO area. To the north of the DRMO area, west of the subject property, concrete vehicle barriers and other concrete demolition debris are stored on open ground.

No indications of environmental risk to the subject property were discovered during the site reconnaissance of the property.

2.1.3 Personal Interviews

Key personnel were contacted, as listed below, for the previous EBS (Nellis AFB 2006), and the subject area covered by those interviews also included the subject property of this report. The interviews and comments from the previous EBS are incorporated in this report by reference. No environmental risk concerns were indicated in those interviews for the area including the subject property, and no activities have occurred on the subject property since those interviews that would constitute an environmental risk.

Key personnel previously interviewed:

Mr. D.J. Haarklau, Base Environmental Fuels Program Manager

Mr. Bernd Schmidt, Restoration Program Manager

Mr. Patrick Quinn, Environmental Engineer

Chief James Boley, Nellis AFB Fire Department

THIS PAGE LEFT INTENTIONALLY BLANK

SECTION 3.0
FINDINGS FOR SUBJECT PROPERTY



3.0 FINDINGS FOR SUBJECT PROPERTY

3.1 HISTORY AND CURRENT USE

The documents reviewed by GSRC to determine historical land uses and potential environmental conditions associated with those uses regarding the subject property and surrounding areas are described in the paragraphs below.

3.1.1 Historic Topographic Quadrangles

The 1952 historic quadrangle (Appendix C) showed the subject property to be undeveloped. The 1974 historic quadrangle showed no major developments within the subject property and no development on adjacent properties.

3.1.2 Historic Aerial Photographs

The historic aerial photograph from 1943 (Appendix C) showed the subject property to be undeveloped. The 1958 aerial photograph showed the subject property to be undeveloped, with the exception of two apparent dirt roads crossing the property toward the ammunition bunkers to the west. The 1973 historic aerial photograph showed the same conditions for the subject property, and rectangular containers were stored on and adjacent to the northwest corner of the property. A developed building, possibly another ammunition bunker, was located adjacent to the west property boundary. The major changes seen in the 1984 historic aerial photograph were the removal of the developed “bunker” structure near the west boundary, and the storage of numerous rectangular objects on the property along the east property line. In the 1990 aerial photograph, the stored containers near the east property line had been removed, and the property appeared undeveloped. In the 2005 aerial photograph, the subject property was undeveloped, but there appeared to be numerous geometrically spaced dirt vehicle tracks near the center of the property, and the tank maneuver course observed during the site visit was visible. The natural gas pipeline easement was also visible.

Current use of the subject property is an open area of previously disturbed land. Numerous unimproved roadways were observed scattered throughout and a security fence borders three sides of the subject property.

3.2 ENVIRONMENTAL SETTING

The subject property is located in the Las Vegas Valley which is one of the driest and warmest areas in the U.S. The climate consists of hot summers, cool winters, and a wide fluctuation in annual rainfall. Annual temperatures can range from average daily maximums in July of 104 degrees Fahrenheit (°F; see Appendix E) to average daily minimums in January of 33 °F.

Soils within the subject property are composed of the Las Vegas-Skyhaven Complex. The topography within and in the vicinity of the subject area is relatively flat with small slopes near washes and drainages. However, overall topography within the area slopes downward to the south and southeast from the mountains toward the Las Vegas Valley. The average elevation of the subject property is approximately 1,925 feet above mean sea level.

Because there were no hazardous substances or petroleum products found on the subject property or adjacent properties that could migrate in the groundwater, no detailed description of the underlying geology and hydrology of the subject property is warranted for this site.

Vegetation within the subject property is the same as described for adjacent properties in the previous EBS (Nellis AFB 2006) and that vegetation description is incorporated here by reference. No wildlife was observed on the subject property at the time of the site visit.

3.3 HAZARDOUS SUBSTANCES

Hazardous substances are those which can pose a risk to human health and safety through exposure to levels above those recommended as safe by the EPA.

3.3.1 Hazardous Materials and Petroleum Products

According to record searches, interviews, and a site reconnaissance, no evidence of hazardous materials or petroleum products were observed within the subject property.

3.3.2 Hazardous and Petroleum Waste

According to record searches, interviews, and a site reconnaissance, no evidence of hazardous or petroleum waste from historic disposal activities was observed within or adjacent to the subject property.

3.4 ENVIRONMENTAL RESTORATION PROGRAM SITES

Documentation of the environmental restoration sites located on Nellis AFB in the area of the subject property was provided in the previous EBS (Nellis AFB 2006), and is incorporated here by reference. None of the sites documented previously is within a distance of the subject property that would constitute an environmental risk to the subject property.

3.5 STORAGE TANKS

3.5.1 Aboveground Storage Tanks

According to record searches, interviews, and a site reconnaissance, no aboveground storage tanks are within the subject property.

3.5.2 Underground Storage Tanks

According to interviews, document searches, and a site reconnaissance, no evidence of underground storage tanks were within the subject property.

3.5.3 Pipelines, Hydrant Fueling, and Transfer Systems

According to record searches, interviews, and a site reconnaissance, no evidence of pipelines, hydrant fueling or transfer systems were observed within the subject property. A natural gas transmission pipeline was observed along the west boundary of the subject property, but this pipeline poses no environmental risk to the subject property.

3.6 OIL WATER SEPARATORS

According to record searches, interviews, and a site reconnaissance no evidence of oil water separators was observed within the subject property.

3.7 PESTICIDES

No visual evidence of the past use or storage of pesticides was observed within the subject property.

3.8 MEDICAL BIOHAZARDOUS WASTE

According to record searches, interviews, and a site reconnaissance, no visual evidence of medical biohazardous waste was observed within the subject property.

3.9 ORDNANCE

No visual evidence of ordnance was found within the subject property during the site reconnaissance. However, according to Mr. Patrick Quinn, ordnance were stored in bunkers in what is now the DRMO facility, adjacent to the subject property from 1943 through the 1950s.

3.10 RADIOACTIVE WASTES

According to interviews, document searches, and visual observations, no evidence of current storage or disposal of radioactive waste was observed within the subject property.

3.11 SOLID WASTE

There is a small amount of scattered solid waste on the subject property, including concrete rubble, soft drink cans, cardboard and paper waste, recycled asphalt, and old vehicle course barriers, such as tires, concrete blocks and timber poles. None of the solid waste observed on the property would constitute an environmental risk.

3.12 GROUND WATER

The depth to groundwater in the monitoring wells located in other areas around the subject property ranges from approximately 117 feet to 123 feet below ground surface (bgs) (Black & Veatch 2006). No evidence of groundwater contamination was found on the subject property during interviews and record searches.

3.13 WASTEWATER TREATMENT, COLLECTION AND DISCHARGE

There was no historical or current evidence suggesting wastewater treatment, collection, or discharge occurred within the subject property.

3.14 DISCLOSURE ITEMS

3.14.1 Drinking Water Quality

Drinking water is not obtained from the subject property, nor has there been any evidence of public water wells found on the subject property.

3.14.2 Asbestos

No buildings or structures that could contain asbestos were observed within the subject property.

3.14.3 Polychlorinated Biphenyls (PCBs)

No evidence of PCBs was found on the subject property from interviews, record search or site reconnaissance. The transformers on poles along the south property boundary are assumed to be PCB-free according to previous interviews (Nellis AFB 2006).

3.14.4 Radon

According to record searches, interviews, and a site reconnaissance, no radon sources were present within the subject property.

3.14.5 Lead-Based Paint

No buildings or structures that could contain lead-based paint were observed within the subject property.

THIS PAGE LEFT INTENTIONALLY BLANK

SECTION 4.0
FINDINGS FOR ADJACENT PROPERTIES



4.0 FINDINGS FOR ADJACENT PROPERTIES

4.1 LAND USES

All of the property surrounding the subject property is owned by Nellis AFB. The DRMO area, which is west of the subject property, is used as a recycling facility for office furniture, aircraft parts, and other metal components generated by the base. A small piece of property contains the Security Forces building and the Joint Air and Space Tactics Center building located north of the subject property (Figure B3, Appendix B). The property located directly east, north and west of the subject property is vacant land. The property south and southwest of the subject property contains a base security office and parking area.

4.2 SURVEYED PROPERTIES

All of the properties adjacent to the subject property were visually inspected for hazardous materials/waste and petroleum products, but the inspection was limited to what could be seen from the boundaries of the subject property. No visual evidence of contamination or other environmental concerns were observed on the undeveloped rangeland to the west, north, east and south of the subject property.

The DRMO area was inspected from the boundary of the subject property. Aircraft parts and several 55-gallon drums filled with solid waste were observed, as well as a parked backhoe. No indications of environmental concern were observed.

THIS PAGE LEFT INTENTIONALLY BLANK

SECTION 5.0
APPLICABLE REGULATORY COMPLIANCE ISSUES



5.0 APPLICABLE REGULATORY COMPLIANCE ISSUES

5.1 LIST OF COMPLIANCE ISSUES

No information pertaining to non-compliance issues for the subject property were found during interviews or document searches.

5.2 DESCRIPTION OF CORRECTIVE ACTIONS

No environmental compliance deficiencies exist on the subject property; therefore, no corrective actions will be required.

5.3 ESTIMATES OF VARIOUS ALTERNATIVES

No other alternative was considered under the Supplemental Phase I EBS.

THIS PAGE LEFT INTENTIONALLY BLANK

SECTION 6.0
CONCLUSIONS



6.0 CONCLUSIONS

6.1 FACILITY MATRIX

No new facilities would be involved with the proposed lease of the subject property. There are no easements reported in the database search on the subject property, however, there is a natural gas transmission line along the west property boundary, and the easement for this pipeline is 10 feet wide according to Nellis AFB personnel.

6.2 PROPERTY CATEGORIES MAP

A map categorizing the subject property and the previously surveyed property (Figure B7) as it pertains to the presence of hazardous substances or petroleum products contamination is presented in Appendix B. The subject property can be classified as Category -1, as defined in Section 2.1 of this report.

6.3 RESOURCES MAP

Since no critical resources are located on the subject property, no resource maps are attached.

6.4 DATA GAPS

The only data gap was the lack of appropriate historical documents back to 1940, particularly to the availability of appropriate 7.5-minute historic topographic quadrangles. Historical quadrangles were available for 1952, 1973, and 1974, but the topographic map from 1952 was at a greater scale than that recommended as a standard by ASTM. However, sufficient and credible information was obtained from historic aerial photographs to make an accurate determination of the historical uses of the subject property and surrounding areas.

THIS PAGE LEFT INTENTIONALLY BLANK

SECTION 7.0
RECOMMENDATIONS



7.0 RECOMMENDATIONS

Based on interviews, document searches, environmental database reviews, and a site reconnaissance, no environmental risk conditions are located on the subject property or the properties immediately adjacent. The remaining solid waste scattered throughout the subject property should be disposed of in accordance with local, state, and Federal regulations and the Nellis AFB Solid Waste Management Plan. GSRC recommends that no further environmental studies be conducted for the subject property.

THIS PAGE LEFT INTENTIONALLY BLANK

SECTION 8.0
CERTIFICATIONS



ATTACHMENT 1
CERTIFICATION OF THE ENVIRONMENTAL BASELINE SURVEY

GSRC has conducted this Environmental Baseline Survey on behalf of the Air Force. GSRC has reviewed all appropriate records, and conducted visual site inspections of the selected facilities following an analysis of information during the record search. The information contained within the survey report, to the best of GSRC's knowledge, is correct and current as of 15 December 2006.

Certified by: 
STEPHEN OIVANKI
GSRC Project Manager

12-15-06
Date

Approved by: 
MARIA J. DOWLING
Colonel, USAF
Vice Commander, 99th Air Base Wing

1-9-07
Date

ATTACHMENT 2
CERTIFICATION OF POLYCHLORINATED BIPHENYLS CLEARANCE

A records search and on-site inspection indicate that this property has not been exposed to PCB materials or equipment.

Certified by: 
STEPHEN OIVANKI
GSRC Project Manager

12-15-06
Date

Approved by: 
MARIA J. DOWLING
Colonel, USAF
Vice Commander, 99th Air Base Wing

1-9-07
Date

**ATTACHMENT 3
CERTIFICATION OF ASBESTOS CLEARANCE**

An on-site inspection revealed no friable asbestos based on current standards

Certified by:

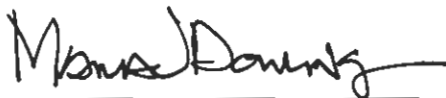


STEPHEN OIVANKI.
GSRC Project Manager

12-15-06

Date

Approved by:



MARIA J. DOWLING
Colonel, USAF
Vice Commander, 99th Air Base Wing

1-09-07

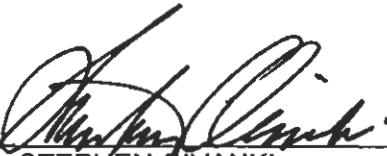
Date

ATTACHMENT 4
CERTIFICATION OF NO CONTAMINATION

This real property contains no known hazardous substances as that term is defined in the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. 9601), as amended, or other contamination as specified by the Resource Conservation and Recovery Act of 1976, the implementing Environmental Protection Agency regulations (40 CFR Parts 261, 262, 263, and 761), and the Federal Property Management Regulations (41 CFR Part 101-47). A complete search of agency files revealed that no hazardous substance has been stored for more than one year, known to have been released, or disposed of on the real property described below.

SE/4 – NW/4 and NE/4 – SW/4 of Section 33, Township 19 South, Range 62 East, Nellis Air Force Base, Clark County, Nevada

Certified by:


STEPHEN CIVANKI
GSRC Project Manager

12-15-06
Date

Approved by:


MARIA J. DOWLING
Colonel, USAF
Vice Commander, 99th Air Base Wing

1-09-07
Date

APPENDIX A
EDR RADIUS MAP REPORT





The EDR Radius Map™ Report

**Nellis AFB SPV Area III
Las Vegas Blvd. North
Las Vegas, NV 89115**

Inquiry Number: 1814414.1s

December 11, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	14
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

LAS VEGAS BLVD. NORTH
LAS VEGAS, NV 89115

COORDINATES

Latitude (North): 36.255000 - 36° 15' 18.0"
Longitude (West): 115.054800 - 115° 3' 17.3"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 674764.4
UTM Y (Meters): 4013786.0
Elevation: 1923 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 36115-C1 VALLEY, NV
Most Recent Revision: 1982

South Map: 36115-B1 LAS VEGAS NE, NV
Most Recent Revision: 1982

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

EXECUTIVE SUMMARY

CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SWF/LF	Landfill List
SWRCY	Recycling Information Listing
LUST	Sites Database
UST	Underground Storage Tank List
AST	Aboveground Storage Tank List
VCP	Voluntary Cleanup Program Sites
BROWNFIELDS	Project Tracking Database
NPDES	Permitted Facility Listing
AIRS	Permitted Airs Facility Listing
TIER 2	Hazardous Materials Repository Information Data

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
USAF NELLIS AFRC OMS	5550 RANGE RD	1/8 - 1/4 NE	1	6

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 12/31/2004 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NELLIS AIR FORCE BASE		0 - 1/8	0	6

STATE AND LOCAL RECORDS

SHWS: Corrective Action Case list (Active, Non-ust Hazardous Waste and Regulated Substance. Correction Actions)

A review of the SHWS list, as provided by EDR, and dated 03/31/2006 has revealed that there are 10 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ROYLANCE COMPANY	5300 NORTH SLOAN LANE	1/2 - 1 E	3	7
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NEVADA RECYCLING, INC. Date Closed: 08/04/97	5000 RANGE ROAD	1/2 - 1 SE	2	6
CAL NEV PIPELINE COMPANY/TEXAC Date Closed: 11/06/91 Date Closed: 03/14/93	5056 NORTH SLOAN AVENUE	1/2 - 1 ESE	A4	7
REBEL OIL FUEL DISTRIBUTION TE	5054 NORTH SLOAN LANE	1/2 - 1 ESE	A5	8
LAS VEGAS FUEL TERMINAL Date Closed: 07/07/92 Date Closed: 03/23/00	5049 NORTH SLOAN LANE	1/2 - 1 ESE	A6	8

EXECUTIVE SUMMARY

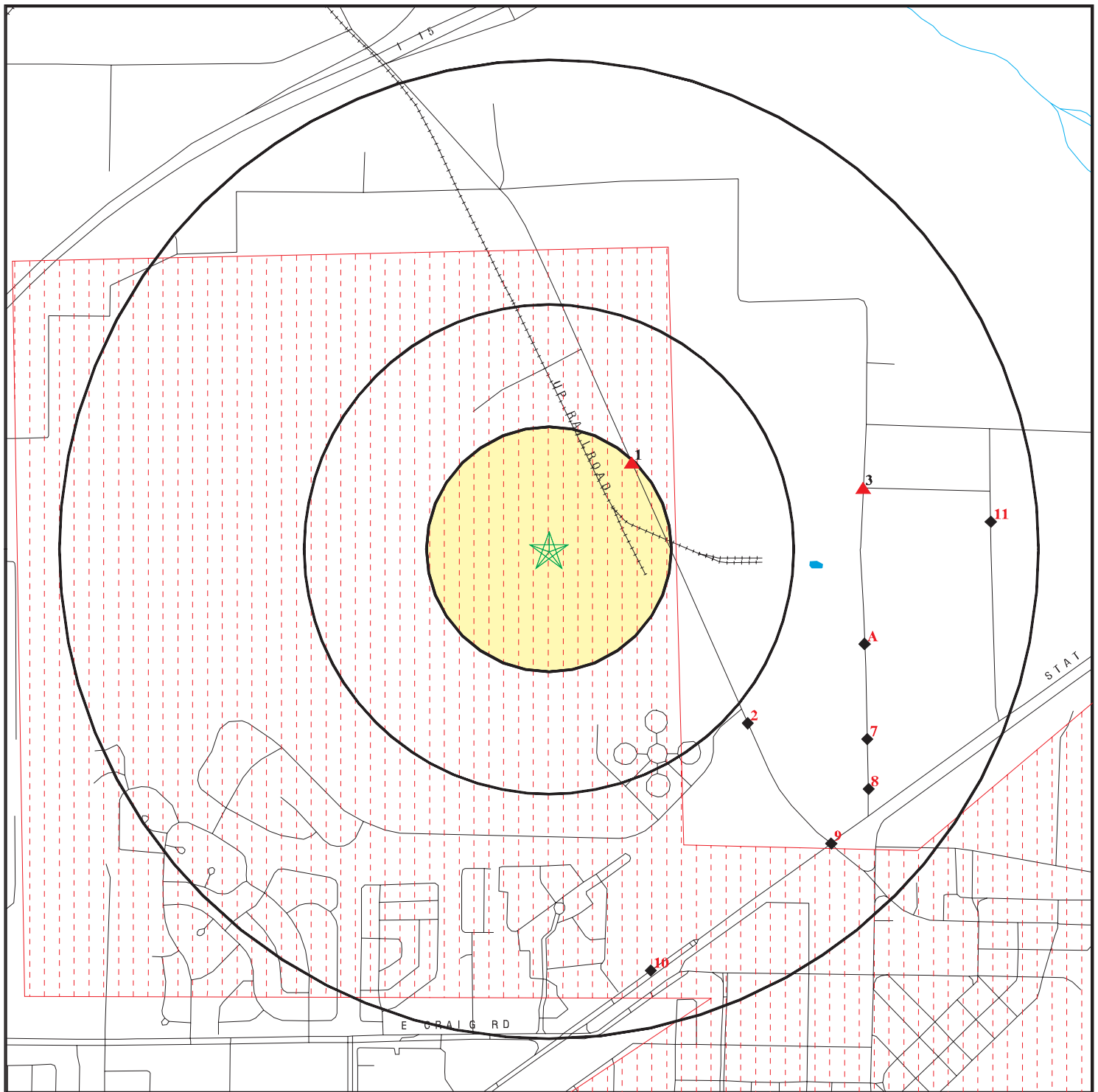
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>FREDERICKSEN TANK LINES, INC.</i> Date Closed: 09/23/98	<i>4915 NORTH SLOAN LANE</i>	<i>1/2 - 1 ESE</i>	<i>7</i>	<i>10</i>
HAYCOCK PETROLEUM SPILL Date Closed: 08/13/05 Date Closed: 01/24/05	4825 NORTH SLOAN LANE	1/2 - 1 SE	8	11
7-ELEVEN #18198 Date Closed: 02/15/02	4395 NORTH LAS VEGAS BO	1/2 - 1 SE	9	12
SPRINT CENTRAL TELEPHONE Date Closed: 12/14/95	4243 NORTH LAS VEGAS BO	1/2 - 1 SSE	10	12
CASINO READY MIX MOBILE SOURCE Date Closed: 11/30/04	5355 BEESLEY DRIVE	1/2 - 1 E	11	13

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
NELLIS AIR FORCE BASE	SHWS
NELLIS AIR FORCE BASE	SHWS
NELLIS AIR FORCE BASE	SHWS
NELLIS AIR FORCE BASE	SHWS
NELLIS AIR FORCE BASE	SHWS
ROYAL EXPRESS, INC.	SHWS
WESTERN TRANSPORT SPILL	SHWS
TREVEER TRUCKING ACCIDENT	SHWS
PAN WESTERN CORPORATION	SHWS
CORE MARK TRUCKING ACCIDENT	SHWS
VEHICLE ACCIDENT	SHWS
NEVADA DEPARTMENT OF TRANSPORT	SHWS
CITY OF LAS VEGAS FIRE DEPARTM	SHWS
THOMPSON DRILLING COMPANY SPIL	SHWS
WILLIAMS TANK LINES SPILL	SHWS
ACE HARDWARE/Ryder RENTAL	SHWS
LASFUEL CONSORTIUM, AREA UNDER	SHWS
JEAN DEVELOPMENT COMPANY	SHWS
COR NELLIS BLVD. & VALLEY VIEW.	ERNS
2584 NELLIS BLVD	ERNS

OVERVIEW MAP - 1814414.1s



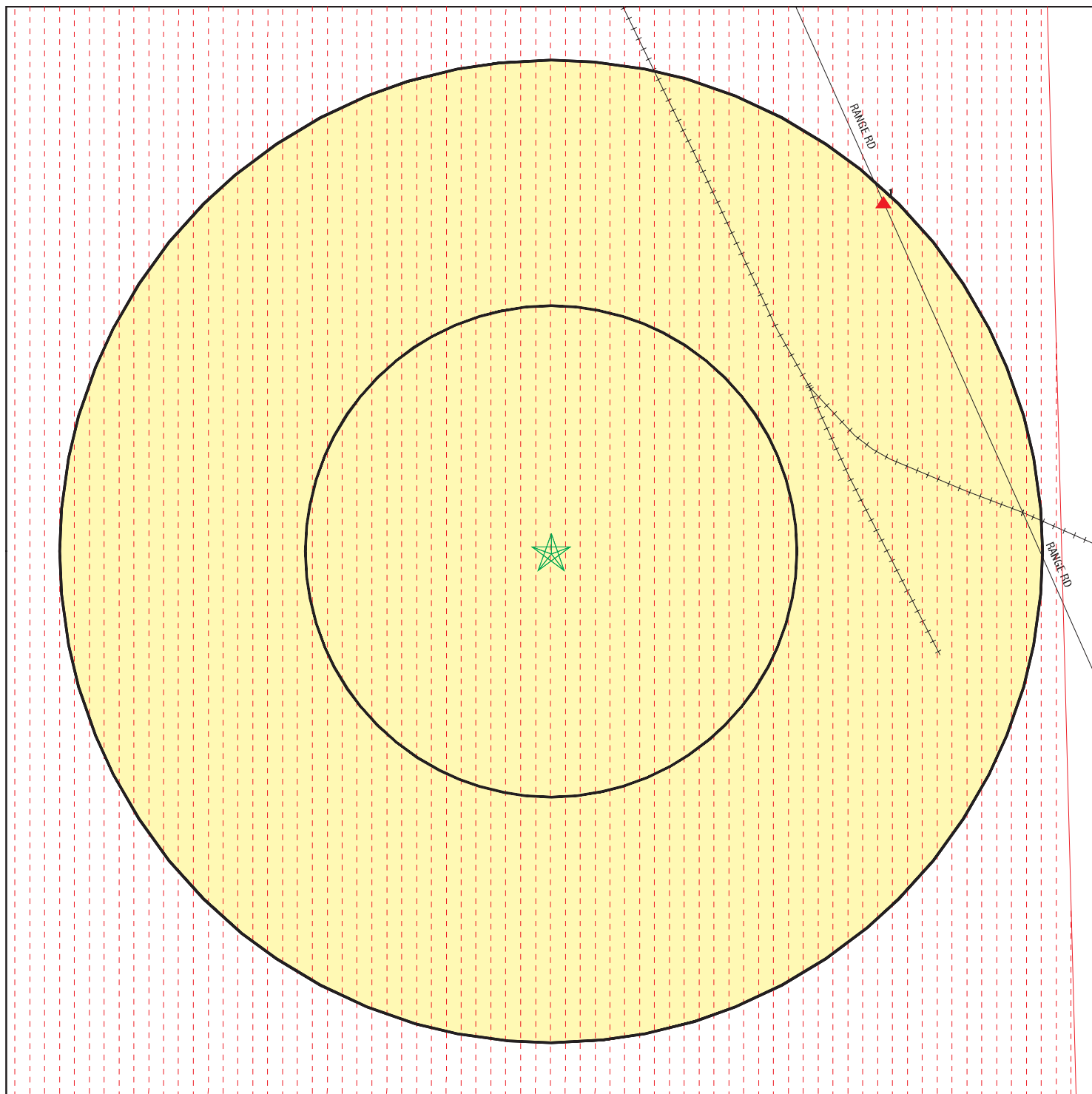
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

SITE NAME: Nellis AFB SPV Area III
 ADDRESS: Las Vegas Blvd. North
 Las Vegas NV 89115
 LAT/LONG: 36.2550 / 115.0548

CLIENT: Gulf South Research Corp.
 CONTACT: Steve Oivanki
 INQUIRY #: 1814414.1s
 DATE: December 11, 2006 11:29 am

DETAIL MAP - 1814414.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚡ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- ⚡ National Priority List Sites
- ⚡ Landfill Sites
- ⚡ Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

0 1/16 1/8 1/4 Miles



SITE NAME: Nellis AFB SPV Area III
 ADDRESS: Las Vegas Blvd. North
 Las Vegas NV 89115
 LAT/LONG: 36.2550 / 115.0548

CLIENT: Gulf South Research Corp.
 CONTACT: Steve Oivanki
 INQUIRY #: 1814414.1s
 DATE: December 11, 2006 11:29 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	1	0	0	0	NR	1
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	0	10	NR	10
State Landfill		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

**DOD
Region**

NELLIS AIR FORCE BASE

DOD

**CUSA037856
N/A**

NELLIS AIR FORCE BASE (County), NV

**< 1/8
1 ft.**

DOD:

Feature 1: Air Force DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Nellis Air Force Base
Name 2: Not reported
Name 3: Not reported
State: NV
DOD Site: Yes
Tile name: NVCLARK

**1
NE
1/8-1/4
1295 ft.**

**USAF NELLIS AFRC OMS
5550 RANGE RD
LAS VEGAS, NV 89115**

RCRA-SQG

**1004755287
NVR000056796**

**Relative:
Higher**

RCRAInfo:

Owner: 63D REGIONAL SUPPORT CMD
(562) 795-1441

**Actual:
1942 ft.**

EPA ID: NVR000056796

Contact: RICHARD ROLAND
(702) 632-1423

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

**2
SE
1/2-1
2850 ft.**

**NEVADA RECYCLING, INC.
5000 RANGE ROAD
LAS VEGAS, NV 0**

SHWS

**S103877231
N/A**

**Relative:
Lower**

SHWS:

flag: CLOSE
Facility ID: H-001229
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: tcroft
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 08/04/97
Regulatory Type of Closure: Not reported
Description of Contaminant: TPHUnknown, -----, TPH (don't know type), metals

flag: ACTIVE
Facility ID: H-001229
Date Release Reported to NDEP: 06/03/99
Program: non-LUST
NDEP Case Officer: spiper
Location of Paper File: NDEP: Las Vegas

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEVADA RECYCLING, INC. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103877231

Type of Media Impacted: Soil
Event: Confirmed Release
Date of Closure: **Not reported**
Regulatory Type of Closure: Not reported
Description of Contaminant: TPHUnknown, -----, TPH (don't know type), metals

3
East
1/2-1
3452 ft.

ROYLANCE COMPANY
5300 NORTH SLOAN LANE
LAS VEGAS, NV

SHWS **S106870798**
N/A

Relative:
Higher

SHWS:
flag: ACTIVE
Facility ID: H-000291
Date Release Reported to NDEP: 02/28/05
Program: non-LUST
NDEP Case Officer: spiper
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Confirmed Release
Date of Closure: **Not reported**
Regulatory Type of Closure: Not reported
Description of Contaminant: Motor Oil, -----, Used oil

A4
ESE
1/2-1
3554 ft.

CAL NEV PIPELINE COMPANY/TEXAC
5056 NORTH SLOAN AVENUE
LAS VEGAS, NV 89115

SHWS **S103875742**
LUST **N/A**

Site 1 of 3 in cluster A

Relative:
Lower

Actual:
1913 ft.

SHWS:
flag: CLOSE
Facility ID: 8-000013
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: CCHD
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Not reported
Event: Not reported
Date of Closure: **11/06/91**
Regulatory Type of Closure: Not reported
Description of Contaminant: Not reported

flag: CLOSE
Facility ID: 8-000013
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: abiaggi
Location of Paper File: NDEP: Carson City
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: **03/14/93**
Regulatory Type of Closure: Not reported
Description of Contaminant: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CAL NEV PIPELINE COMPANY/TEXAC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103875742

LUST:

flag: ACTIVE
Facility ID: 8-000013
Date Reported to NDEP: 02/05/97
Program: LUST
NDEP Case Officer: spiper
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil & GW
Event: Confirmed Release
Date of Closure: Not reported
Regulatory Type of Closure: Not reported
Description of Contaminant: Gasoline

A5
ESE
1/2-1
3562 ft.

REBEL OIL FUEL DISTRIBUTION TE
5054 NORTH SLOAN LANE
LAS VEGAS, NV 0

SHWS S105568226
N/A

Site 2 of 3 in cluster A

Relative:
Lower

SHWS:

Actual:
1913 ft.

flag: ACTIVE
Facility ID: H-000117
Date Release Reported to NDEP: 01/22/04
Program: non-LUST
NDEP Case Officer: spiper
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil & GW
Event: Confirmed Release
Date of Closure: Not reported
Regulatory Type of Closure: Not reported
Description of Contaminant: Diesel, -----, File located in Cal Nev File Cabinet: Bottom drawerDiesel

flag: ACTIVE
Facility ID: H-000117
Date Release Reported to NDEP: 05/17/02
Program: Mobile Source
NDEP Case Officer: spiper
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Confirmed Release
Date of Closure: Not reported
Regulatory Type of Closure: Not reported
Description of Contaminant: Diesel, -----, File located in Cal Nev File Cabinet: Bottom drawerDiesel

A6
ESE
1/2-1
3575 ft.

LAS VEGAS FUEL TERMINAL
5049 NORTH SLOAN LANE
LAS VEGAS, NV 89110

SHWS S103875773
N/A

Site 3 of 3 in cluster A

Relative:
Lower

SHWS:

Actual:
1912 ft.

flag: CLOSE
Facility ID: 8-000066
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: CCHD

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAS VEGAS FUEL TERMINAL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103875773

Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Not reported
Event: Not reported
Date of Closure: 07/07/92
Regulatory Type of Closure: Not reported
Description of Contaminant: Gasoline, -----, pipeline leakDieselGasoline, -----, pipeline repair - 150
gallons gas & waterUnknownGasoline, -----, Tank FarmGasoline

flag: CLOSE
Facility ID: 8-000066
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: jlukasko
Location of Paper File: NDEP: Carson City
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 03/23/00
Regulatory Type of Closure: NAC 445A A-K
Description of Contaminant: Gasoline, -----, pipeline leakDieselGasoline, -----, pipeline repair - 150
gallons gas & waterUnknownGasoline, -----, Tank FarmGasoline

flag: CLOSE
Facility ID: 8-000066
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: jlukasko
Location of Paper File: NDEP: Carson City
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 01/08/99
Regulatory Type of Closure: Other
Description of Contaminant: Gasoline, -----, pipeline leakDieselGasoline, -----, pipeline repair - 150
gallons gas & waterUnknownGasoline, -----, Tank FarmGasoline

flag: CLOSE
Facility ID: 8-000066
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: jlukasko
Location of Paper File: NDEP: Carson City
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 01/21/99
Regulatory Type of Closure: NAC 445A A-K
Description of Contaminant: Gasoline, -----, pipeline leakDieselGasoline, -----, pipeline repair - 150
gallons gas & waterUnknownGasoline, -----, Tank FarmGasoline

flag: CLOSE
Facility ID: 8-000066
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: jlukasko
Location of Paper File: NDEP: Carson City
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 04/01/99
Regulatory Type of Closure: NAC 445A A-K

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAS VEGAS FUEL TERMINAL (Continued)

S103875773

Description of Contaminant: Gasoline, -----, pipeline leakDieselGasoline, -----, pipeline repair - 150
gallons gas & waterUnknownGasoline, -----, Tank FarmGasoline

flag: ACTIVE
Facility ID: 8-000066
Date Release Reported to NDEP: 02/16/96
Program: non-LUST
NDEP Case Officer: spiper
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Confirmed Release
Date of Closure: Not reported
Regulatory Type of Closure: Not reported
Description of Contaminant: Gasoline, -----, pipeline leakDieselGasoline, -----, pipeline repair - 150
gallons gas & waterUnknownGasoline, -----, Tank FarmGasoline

flag: ACTIVE
Facility ID: 8-000066
Date Release Reported to NDEP: 02/07/02
Program: non-LUST
NDEP Case Officer: spiper
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Confirmed Release
Date of Closure: Not reported
Regulatory Type of Closure: Not reported
Description of Contaminant: Gasoline, -----, pipeline leakDieselGasoline, -----, pipeline repair - 150
gallons gas & waterUnknownGasoline, -----, Tank FarmGasoline

7
ESE
1/2-1
3998 ft.

FREDERICKSEN TANK LINES, INC.
4915 NORTH SLOAN LANE
LAS VEGAS, NV 89115

SHWS S106514546
LUST N/A

Relative:
Lower

SHWS:
flag: CLOSE
Facility ID: H-001319
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: arushana
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Not reported
Event: Not reported
Date of Closure: 09/23/98
Regulatory Type of Closure: Clean Close
Description of Contaminant: Gasoline, -----, Release to concrete (truck drove over fuel line)

Actual:
1901 ft.

LUST:
flag: CLOSE
Facility ID: 8-001762
Date Reported to NDEP: Not reported
Program: LUST
NDEP Case Officer: spiper
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 11/10/04

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FREDERICKSEN TANK LINES, INC. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106514546

Regulatory Type of Closure: Clean Close
Description of Contaminant: Diesel

8
SE
1/2-1
4310 ft.

HAYCOCK PETROLEUM SPILL
4825 NORTH SLOAN LANE
LAS VEGAS, NV 89115

SHWS S106514425
N/A

Relative:
Lower

SHWS:

Actual:
1896 ft.

flag: CLOSE
Facility ID: H-000198
Date Release Reported to NDEP: Not reported
Program: Mobile Source
NDEP Case Officer: danderson
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 08/13/05
Regulatory Type of Closure: Clean w/ Remed
Description of Contaminant: DieselDiesel, -----, 20 Biodiesel/80 conventional dieselOther, -----,
BiodieselOther, -----, Bio-DieselDiesel, -----, Diesel and gasoline

flag: CLOSE
Facility ID: H-000198
Date Release Reported to NDEP: Not reported
Program: non-LUST
NDEP Case Officer: danderson
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 01/24/05
Regulatory Type of Closure: NAC 445A A-K
Description of Contaminant: DieselDiesel, -----, 20 Biodiesel/80 conventional dieselOther, -----,
BiodieselOther, -----, Bio-DieselDiesel, -----, Diesel and gasoline

flag: CLOSE
Facility ID: H-000198
Date Release Reported to NDEP: Not reported
Program: non-LUST
NDEP Case Officer: sharbour
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 03/15/06
Regulatory Type of Closure: Clean w/ Remed
Description of Contaminant: DieselDiesel, -----, 20 Biodiesel/80 conventional dieselOther, -----,
BiodieselOther, -----, Bio-DieselDiesel, -----, Diesel and gasoline

flag: CLOSE
Facility ID: H-000198
Date Release Reported to NDEP: Not reported
Program: non-LUST
NDEP Case Officer: sharbour
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 03/15/06
Regulatory Type of Closure: Clean w/ Remed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HAYCOCK PETROLEUM SPILL (Continued)

S106514425

Description of Contaminant: DieselDiesel, -----, 20 Biodiesel/80 conventional dieselOther, -----,
BiodieselOther, -----, Bio-DieselDiesel, -----, Diesel and gasoline

flag: CLOSE
Facility ID: H-000198
Date Release Reported to NDEP: Not reported
Program: non-LUST
NDEP Case Officer: sharbour
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 03/07/06
Regulatory Type of Closure: Clean w/ Remed
Description of Contaminant: DieselDiesel, -----, 20 Biodiesel/80 conventional dieselOther, -----,
BiodieselOther, -----, Bio-DieselDiesel, -----, Diesel and gasoline

9
SE
1/2-1
4399 ft.

7-ELEVEN #18198
4395 NORTH LAS VEGAS BOULEVARD
LAS VEGAS, NV 0

SHWS S105173957
N/A

Relative:
Lower

SHWS:
flag: CLOSE
Facility ID: 8-000598
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: spiper
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Soil
Event: Not reported
Date of Closure: 02/15/02
Regulatory Type of Closure: Clean Close
Description of Contaminant: Gasoline

Actual:
1892 ft.

10
SSE
1/2-1
4676 ft.

SPRINT CENTRAL TELEPHONE
4243 NORTH LAS VEGAS BOULEVARD
NORTH LAS VEGAS, NV 89115

SHWS S103875782
N/A

Relative:
Lower

SHWS:
flag: CLOSE
Facility ID: 8-000078
Date Release Reported to NDEP: Not reported
Program: Not reported
NDEP Case Officer: CCHD
Location of Paper File: NDEP: Las Vegas
Type of Media Impacted: Not reported
Event: Not reported
Date of Closure: 12/14/95
Regulatory Type of Closure: Not reported
Description of Contaminant: Not reported

Actual:
1883 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

11
East
1/2-1
4775 ft.

CASINO READY MIX MOBILE SOURCE
5355 BEESLEY DRIVE
LAS VEGAS, NV 89115

SHWS **S106870552**
N/A

Relative:
Lower

SHWS:

flag:

CLOSE

Facility ID:

H-000262

Actual:
1922 ft.

Date Release Reported to NDEP:

Not reported

Program:

Mobile Source

NDEP Case Officer:

ematus

Location of Paper File:

NDEP: Carson City

Type of Media Impacted:

Soil

Event:

Not reported

Date of Closure:

11/30/04

Regulatory Type of Closure:

Clean w/ Remed

Description of Contaminant:

Diesel

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LAS VEGAS	S106514386	ROYAL EXPRESS, INC.	INTERSTATE 15 @ U.S. HIGHWAY 9		SHWS
LAS VEGAS	S106514387	WESTERN TRANSPORT SPILL	INTERSTATE 15 @ U.S. HIGHWAY 9		SHWS
LAS VEGAS	S106514392	TREVEER TRUCKING ACCIDENT	INTERSTATE 15 @ U.S. HIGHWAY 1		SHWS
LAS VEGAS	S106514375	PAN WESTERN CORPORATION	INTERSTATE 15 @ U.S. HIGHWAY 9		SHWS
LAS VEGAS	S104736162	CORE MARK TRUCKING ACCIDENT	HIGHWAY 160 @ MILE MARKER 9		SHWS
LAS VEGAS	S103877417	VEHICLE ACCIDENT	HIGHWAY 215 (SUNSET/WRM SP		SHWS
LAS VEGAS	93309276	COR NELLIS BLVD. & VALLEY VIEW.	COR NELLIS BLVD. & VALLEY VIEW		ERNS
LAS VEGAS	S103877094	NEVADA DEPARTMENT OF TRANSPORT	U.S. HIGHWAY 95 AND WAGONWHEEL		SHWS
LAS VEGAS	S106514444	CITY OF LAS VEGAS FIRE DEPARTM	U.S. HIGHWAY 95 @ RAINBOW BOUL		SHWS
LAS VEGAS	S106514429	THOMPSON DRILLING COMPANY SPIL	U.S. HIGHWAY 95 NEAR ANN OVERP		SHWS
LAS VEGAS	S104736159	WILLIAMS TANK LINES SPILL	U.S. HIGHWAY 95 NEAR FLAMINGO		SHWS
LAS VEGAS	S106514366	ACE HARDWARE/RYDER RENTAL	U.S. HIGHWAY 95 @ CHARLESTON B		SHWS
LAS VEGAS	S103877092	LASFUEL CONSORTIUM, AREA UNDER	MCCARRAN AIRPORT A RAMP		SHWS
LAS VEGAS	96511607	2584 NELLIS BLVD	2584 NELLIS BLVD		ERNS
LAS VEGAS	S107523970	JEAN DEVELOPMENT COMPANY	STATE ROUTE 604 @ HAVEN STREET		SHWS
LAS VEGA	S106878325	NELLIS AIR FORCE BASE	-	89191	SHWS
LAS VEGAS	S106870585	NELLIS AIR FORCE BASE	#10207, #10236, #10250	89191	SHWS
LAS VEGAS	S103876894	NELLIS AIR FORCE BASE	#1024	89191	SHWS
LAS VEGAS	S103876895	NELLIS AIR FORCE BASE	#1100	89191	SHWS
LAS VEGAS	S103876896	NELLIS AIR FORCE BASE	#1110	89191	SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/09/2006
Date Data Arrived at EDR: 09/21/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 62

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 09/21/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/10/2006
Date Data Arrived at EDR: 10/25/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 28

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/08/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 10/24/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 08/01/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/18/2006	Telephone: 202-366-4555
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 11/10/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/10/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/13/2006	Telephone: 202-566-2777
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/11/2006
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/10/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 703-416-0223
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 11/07/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/10/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/20/2006	Telephone: 301-415-7169
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/27/2006	Telephone: 303-231-5959
Date Made Active in Reports: 11/27/2006	Last EDR Contact: 09/27/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/21/2006
Date Data Arrived at EDR: 07/25/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 43

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 10/20/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Sites Database

A listing of correction action sites.

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 05/26/2006
Date Made Active in Reports: 07/12/2006
Number of Days to Update: 47

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

SWF/LF: Landfill List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/31/2005
Date Data Arrived at EDR: 12/27/2005
Date Made Active in Reports: 01/20/2006
Number of Days to Update: 24

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 09/28/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Annually

SWRCY: Recycling Information Listing

A listing of recycling facilities in Nevada.

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 09/22/2006
Date Made Active in Reports: 10/30/2006
Number of Days to Update: 38

Source: Department of Environmental Protection
Telephone: 775-687-9463
Last EDR Contact: 09/13/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Sites Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 05/26/2006
Date Made Active in Reports: 07/12/2006
Number of Days to Update: 47

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

UST: Underground Storage Tank List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/01/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 11/13/2006
Number of Days to Update: 26

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

Date of Government Version: 01/10/2000
Date Data Arrived at EDR: 01/11/2000
Date Made Active in Reports: 02/16/2000
Number of Days to Update: 36

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 10/16/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

The Voluntary Cleanup Program provides relief from liability to owners who undertake cleanups of contaminated properties under the oversight of the Nevada Division of Environmental Protection.

Date of Government Version: 03/02/2006
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 04/21/2006
Number of Days to Update: 22

Source: Department of Conservation & Natural Resources
Telephone: 775-687-9381
Last EDR Contact: 10/30/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

BROWNFIELDS: Project Tracking Database

Brownfields sites included in the Project Tracking Database. The term "brownfields" is used to describe abandoned, idled, or underused industrial or commercial properties taken out of productive use because of real or perceived risks from environmental contamination. The State of Nevada has initiated Brownfields, a land-recycling program, to provide an opportunity to redevelop these undesirable properties and revitalize communities.

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 05/26/2006
Date Made Active in Reports: 07/12/2006
Number of Days to Update: 47

Source: Division of Environmental Protection
Telephone: 775-687-9384
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/08/2006
Date Made Active in Reports: 07/12/2006
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 775-687-9414
Last EDR Contact: 10/30/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Permitted Airs Facility Listing

A listing of permitted Airs facilities and their associated emissions information.

Date of Government Version: 08/29/2006	Source: Division of Environmental Protection
Date Data Arrived at EDR: 08/31/2006	Telephone: 775-687-9359
Date Made Active in Reports: 10/10/2006	Last EDR Contact: 11/13/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Varies

TIER 2: Hazardous Materials Repository Information Data

Emergency Planning and Community Right-to-Know Act (EPCRA) required facilities which store or manufacture hazardous materials to prepare and submit a chemical inventory report by March 1st of each year to the State Emergency Response Commission (SERC), LEPC and the local fire department. The inventory form must include information on all hazardous chemicals present at the facility during the previous calendar year in amounts that meet or exceed thresholds.

Date of Government Version: 09/06/2006	Source: State Emergency Response Commission
Date Data Arrived at EDR: 09/06/2006	Telephone: 775-687-6973
Date Made Active in Reports: 10/10/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Semi-Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 202-208-3710
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 11/10/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006	Source: EPA Region 1
Date Data Arrived at EDR: 09/08/2006	Telephone: 617-918-1313
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6271
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3372
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 9
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3368
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6137
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/28/2006	Source: EPA Region 6
Date Data Arrived at EDR: 08/29/2006	Telephone: 214-665-7591
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 09/08/2006	Telephone: 617-918-1313
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

WASHOE COUNTY:

Underground Storage Tank in Washoe County

Date of Government Version: 09/30/2006
Date Data Arrived at EDR: 10/06/2006
Date Made Active in Reports: 11/13/2006
Number of Days to Update: 38

Source: Washoe County Department of Environmental Health
Telephone: 775-328-2493
Last EDR Contact: 09/25/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Quarterly

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/16/2006
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Human Resources

Telephone: 775-684-1100

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

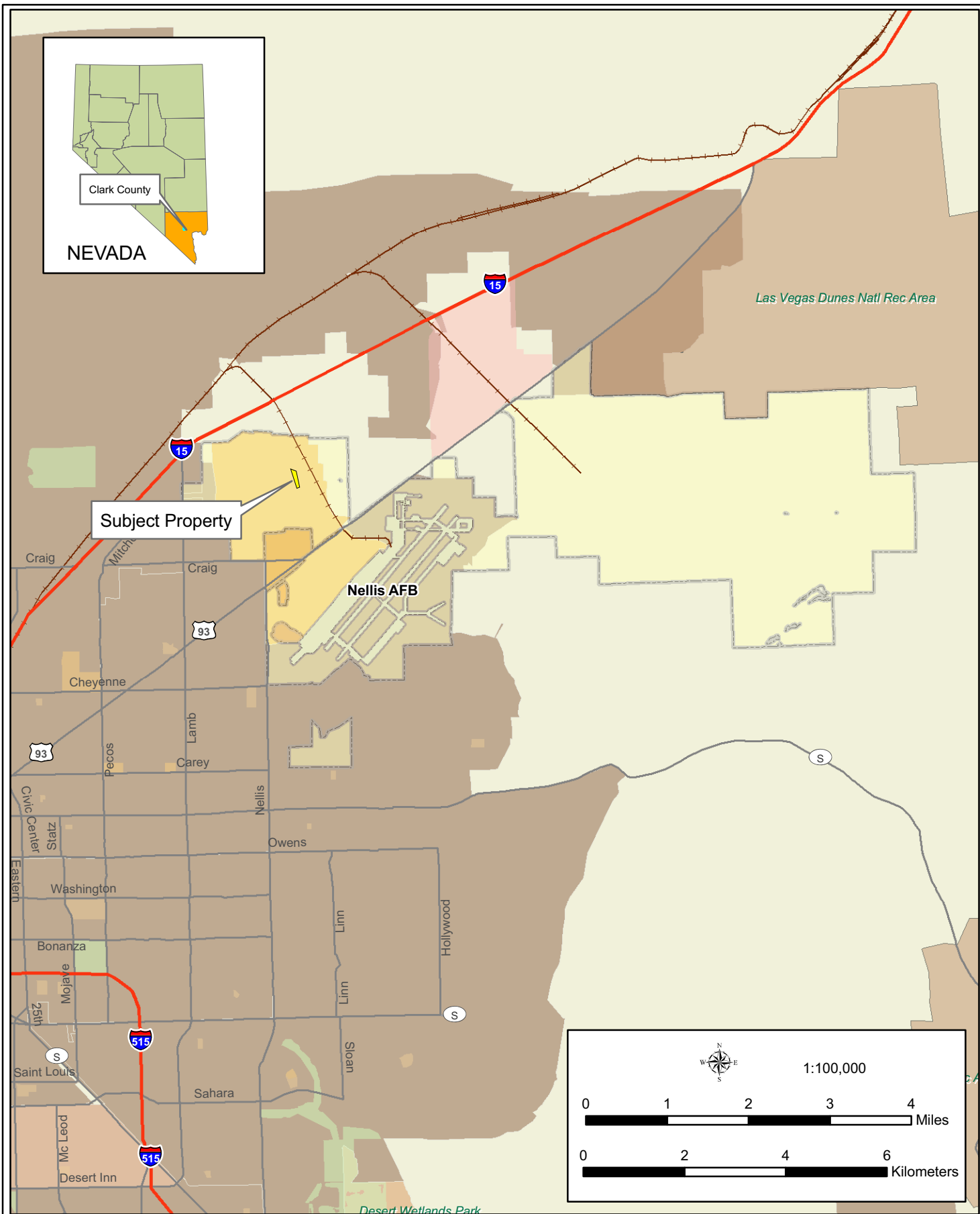
NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX B
MAPS AND FIGURES

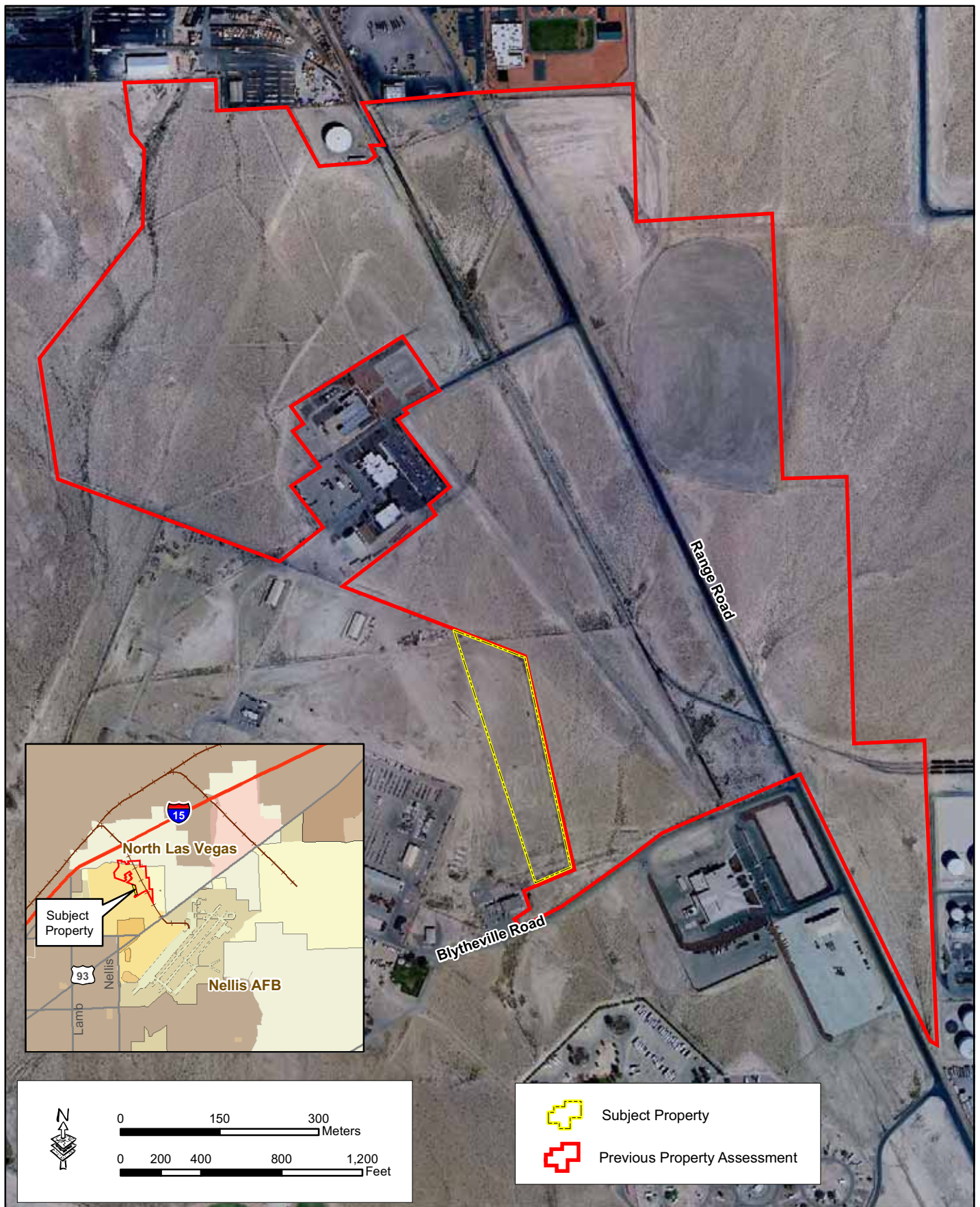




B1. Vicinity Map



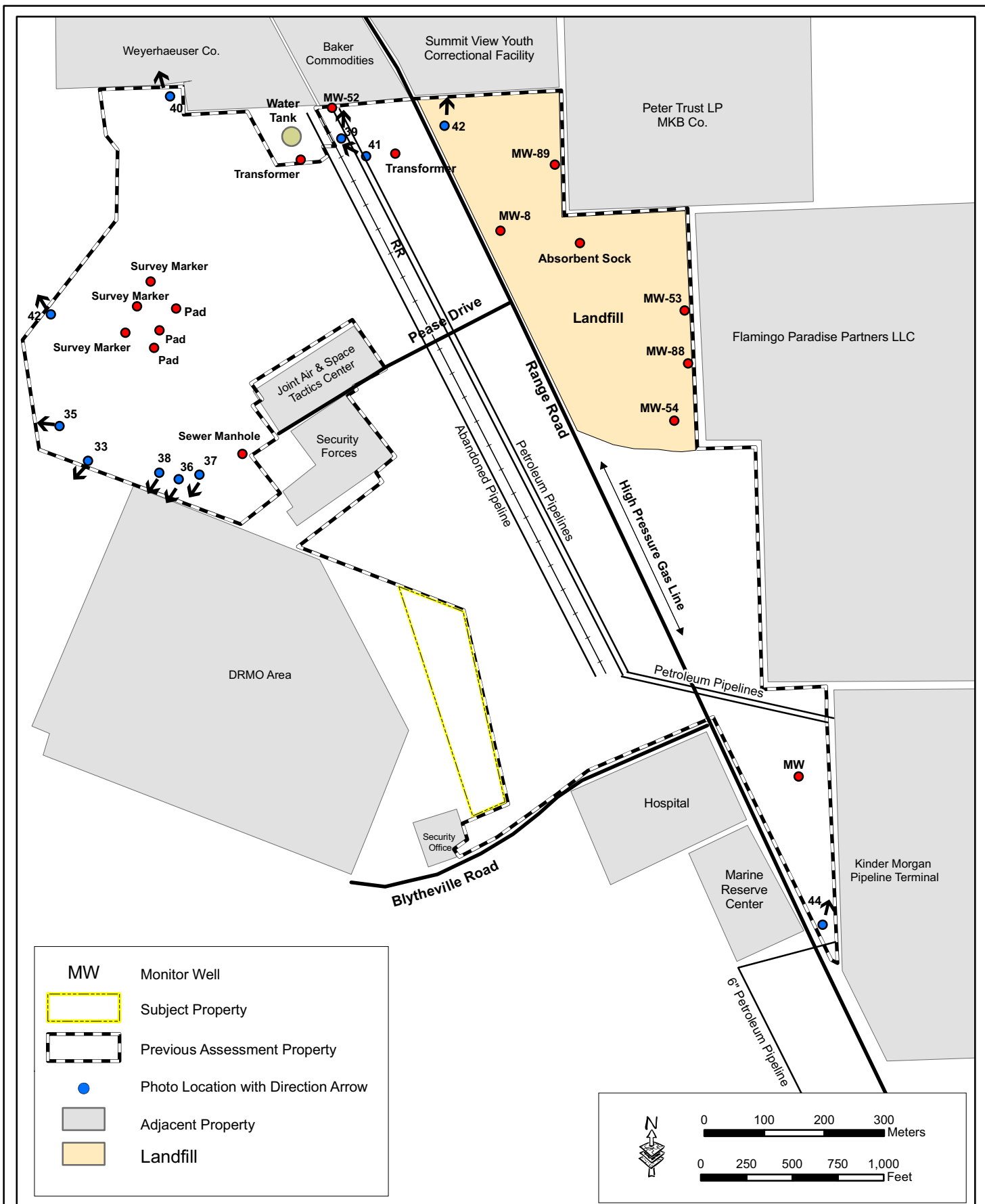
December 2006



B2. Project Area



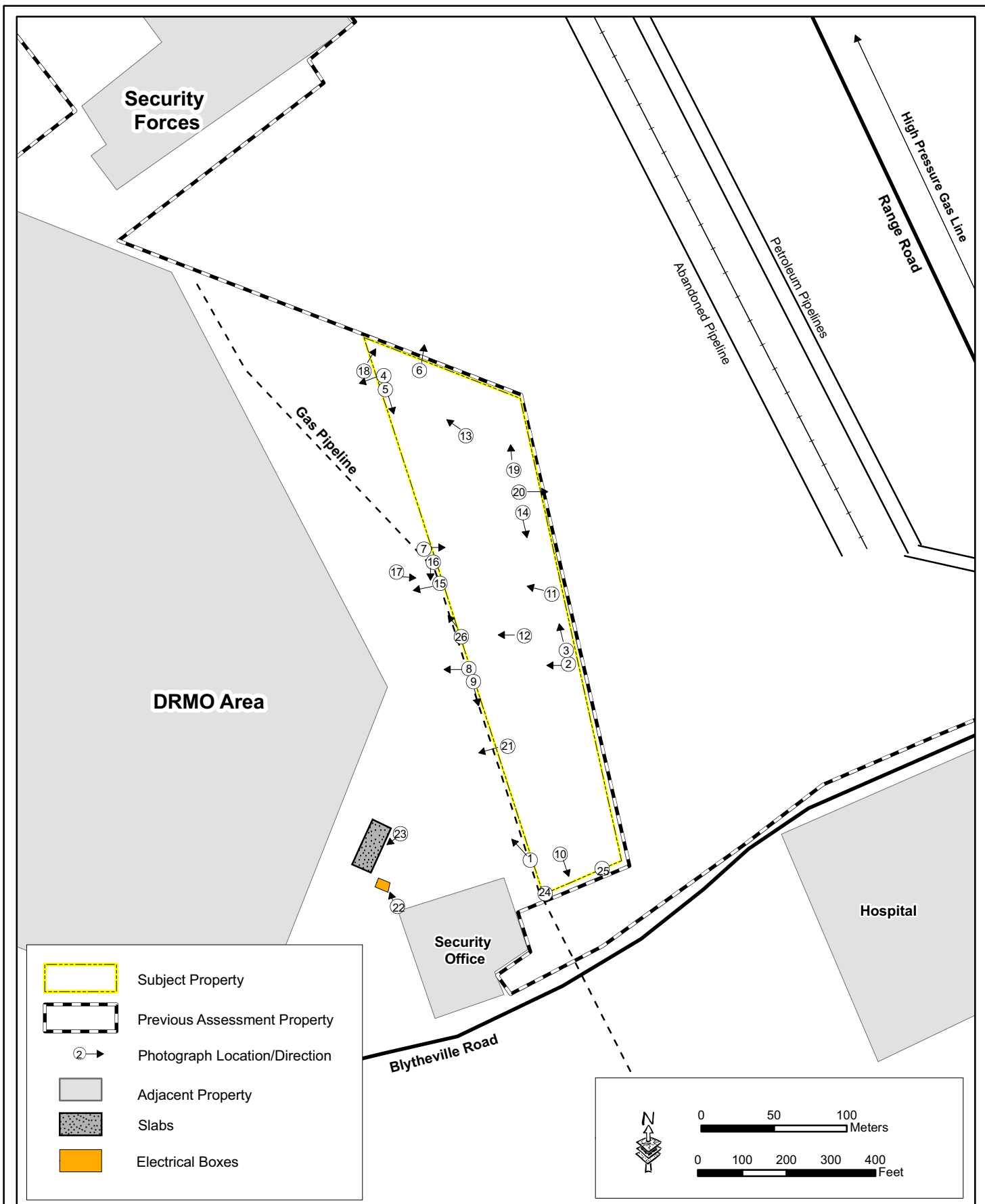
Date: December 2006



B3. Site Sketch Map



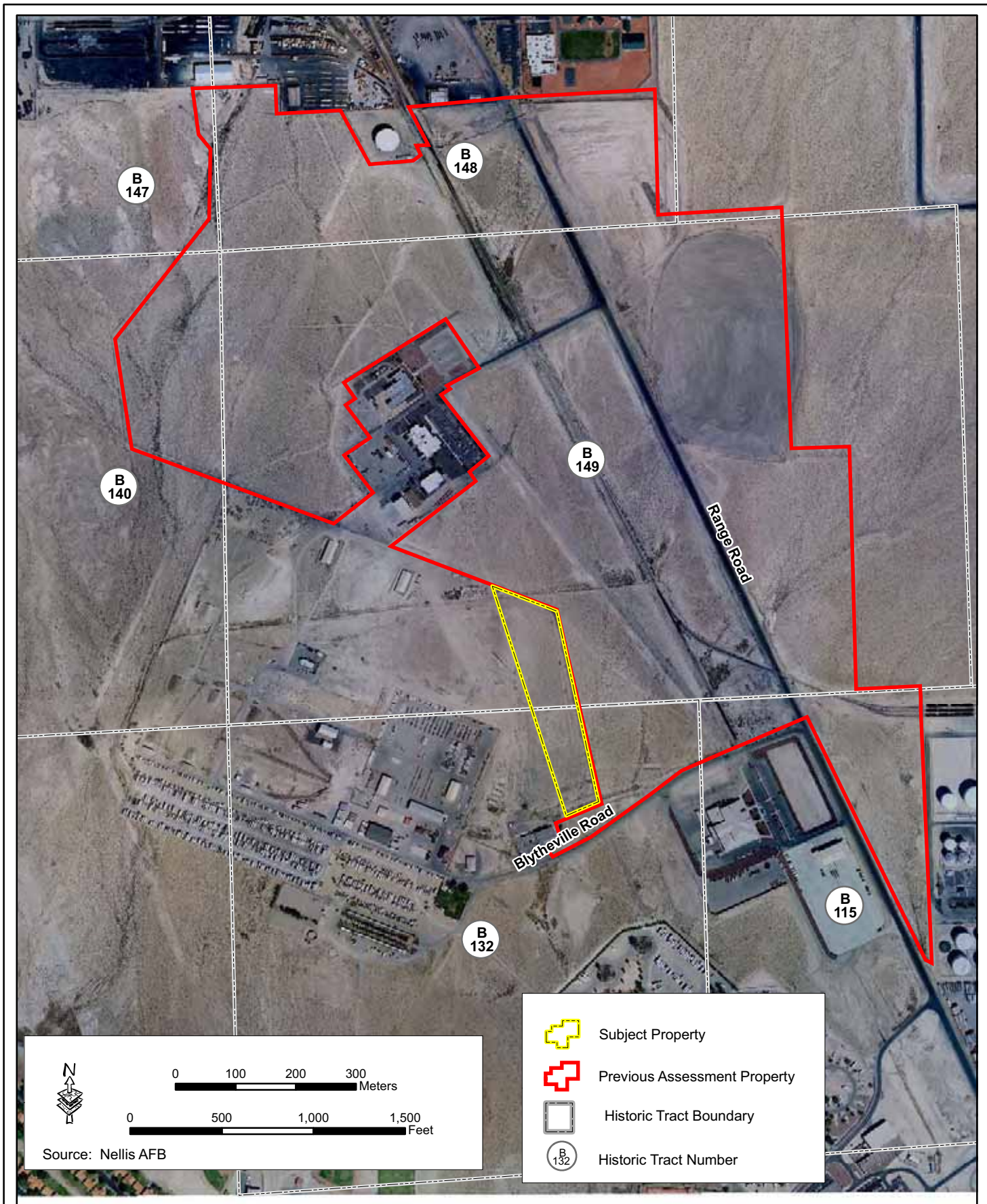
Date: December 2006



B4. Subject Property Sketch Map



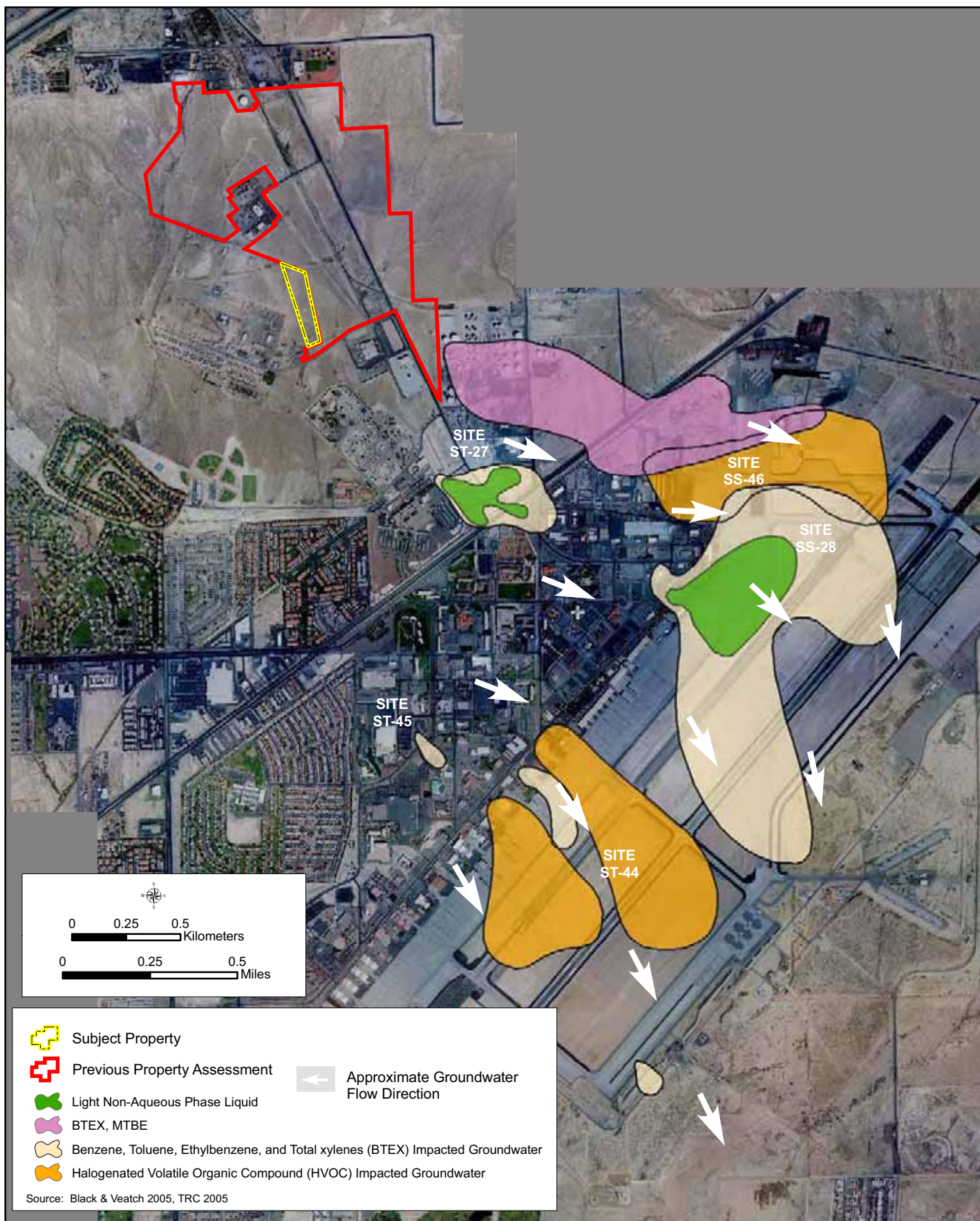
Date: December 2006



B5. Historic Tract Map



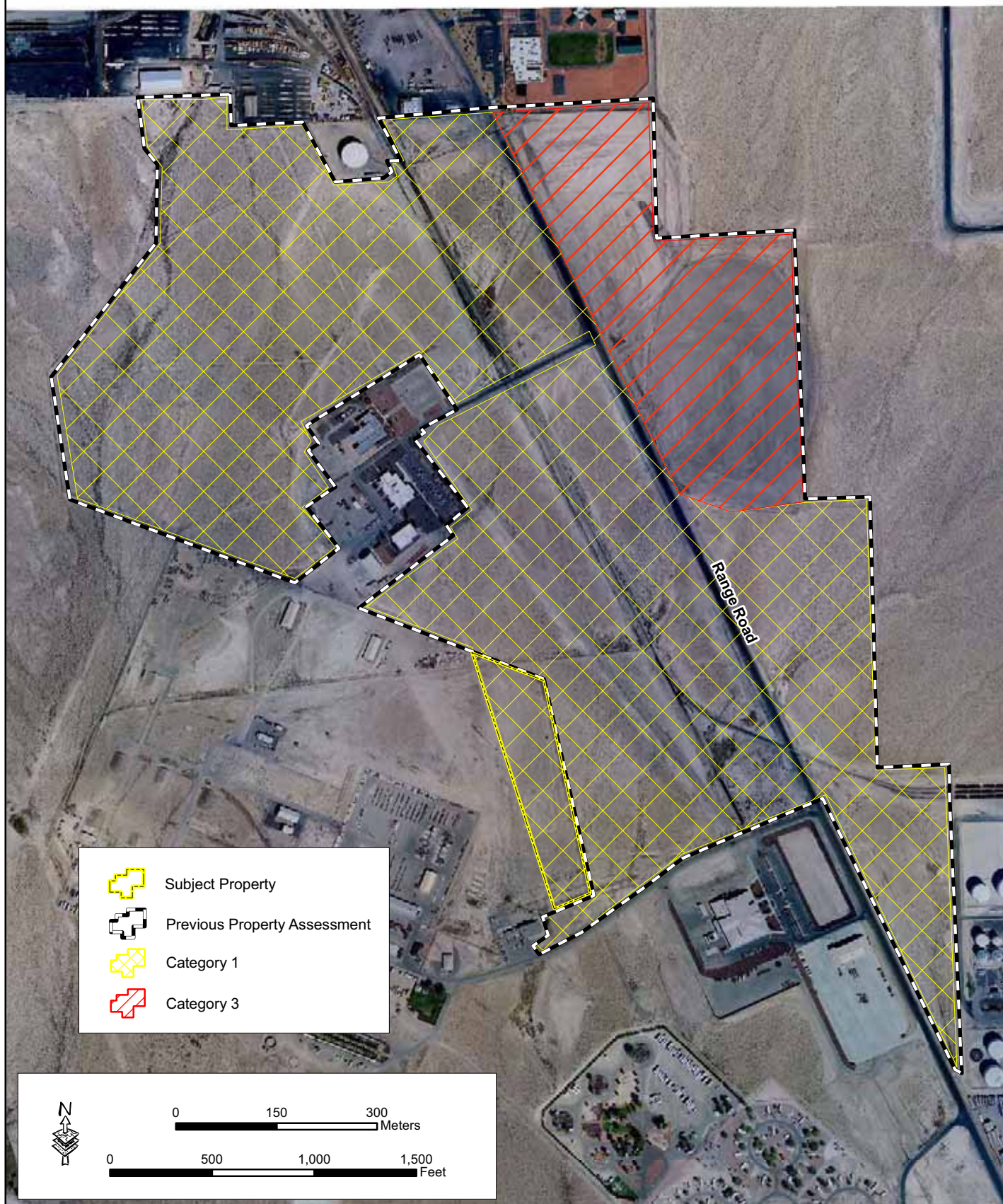
Date: December 2006



B6. Contamination Area



Date: December 2006



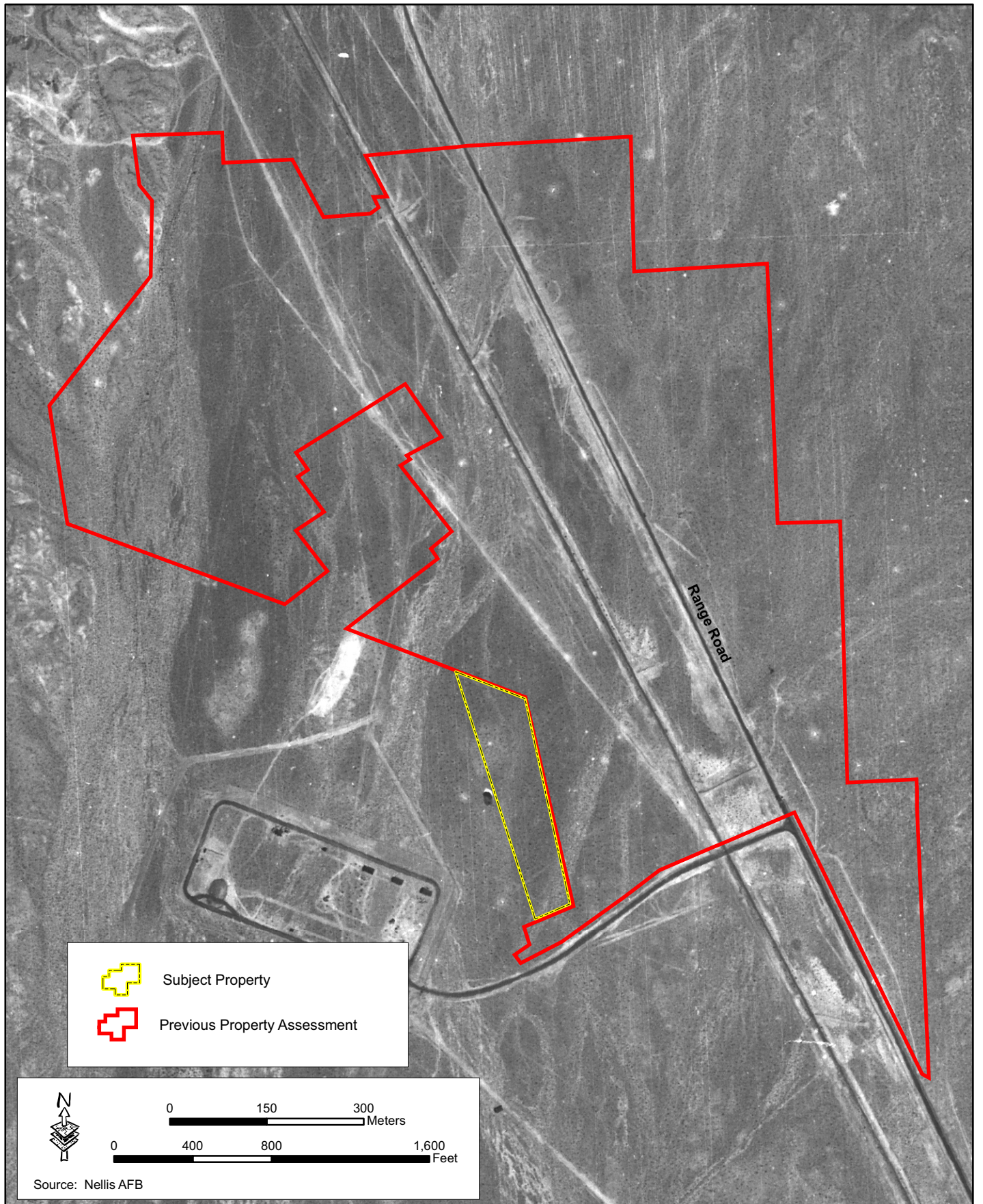
B7. Contamination Category Map



Date: December 2006

APPENDIX C
TOPOGRAPHIC QUADRANGLES / AERIAL MAPS AND SITE PHOTOS

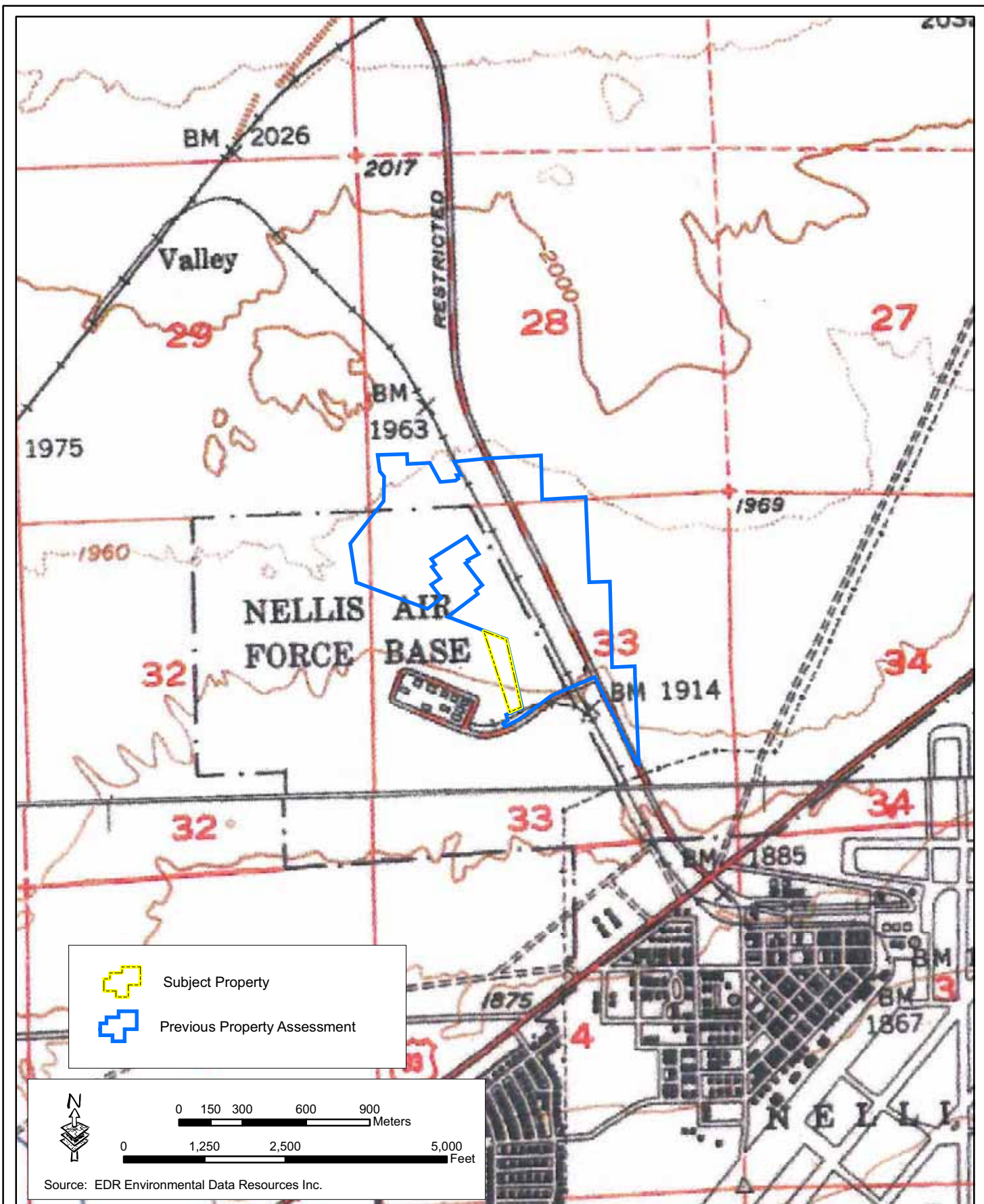
APPENDIX C
TOPOGRAPHIC QUADRANGLES / AERIAL MAPS AND SITE PHOTOS



1943 Aerial Photography



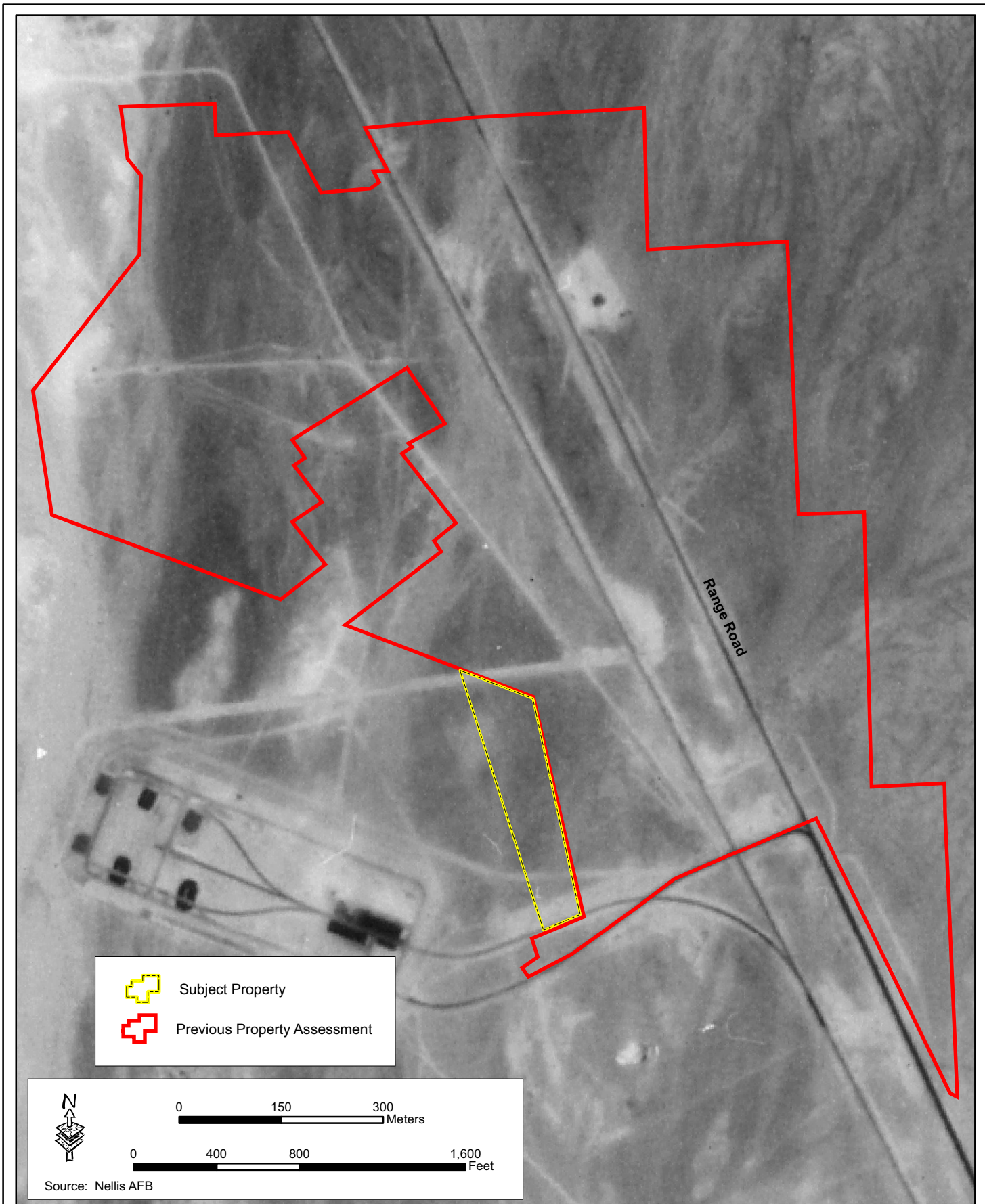
Date: December 2006



1952 Topographic Quadrangle



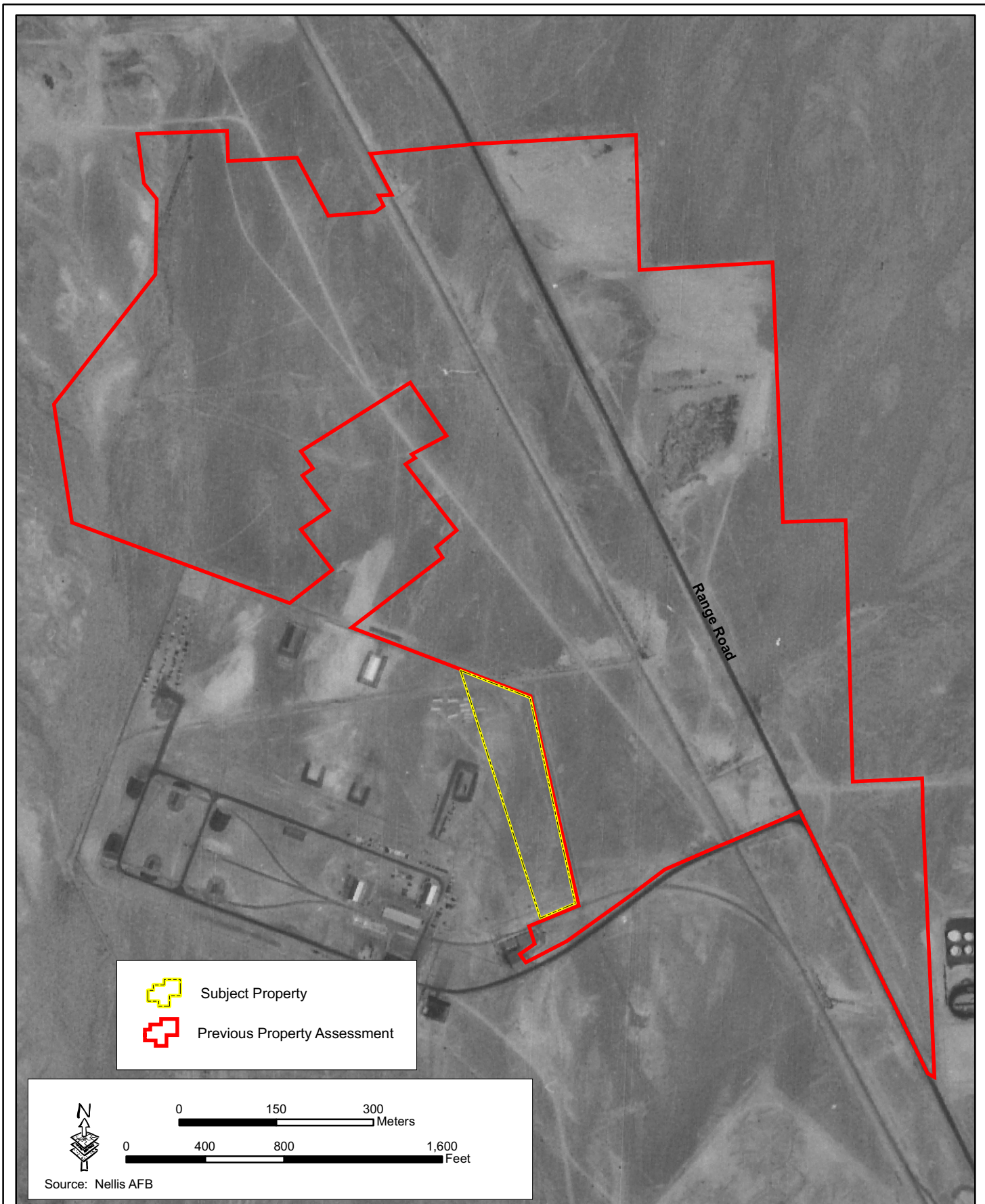
Date: December 2006



1958 Aerial Photography



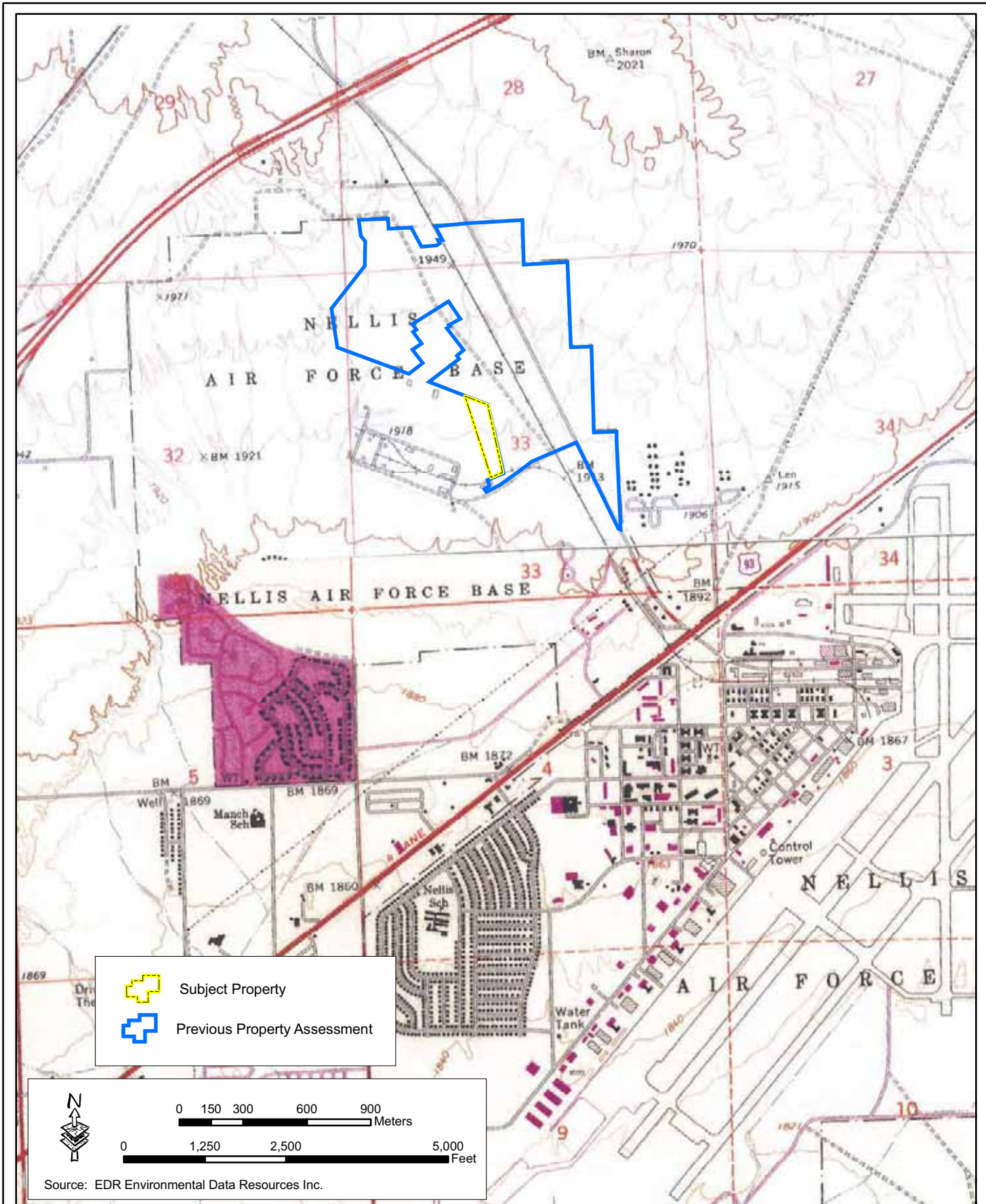
Date: December 2006



1973 Aerial Photography



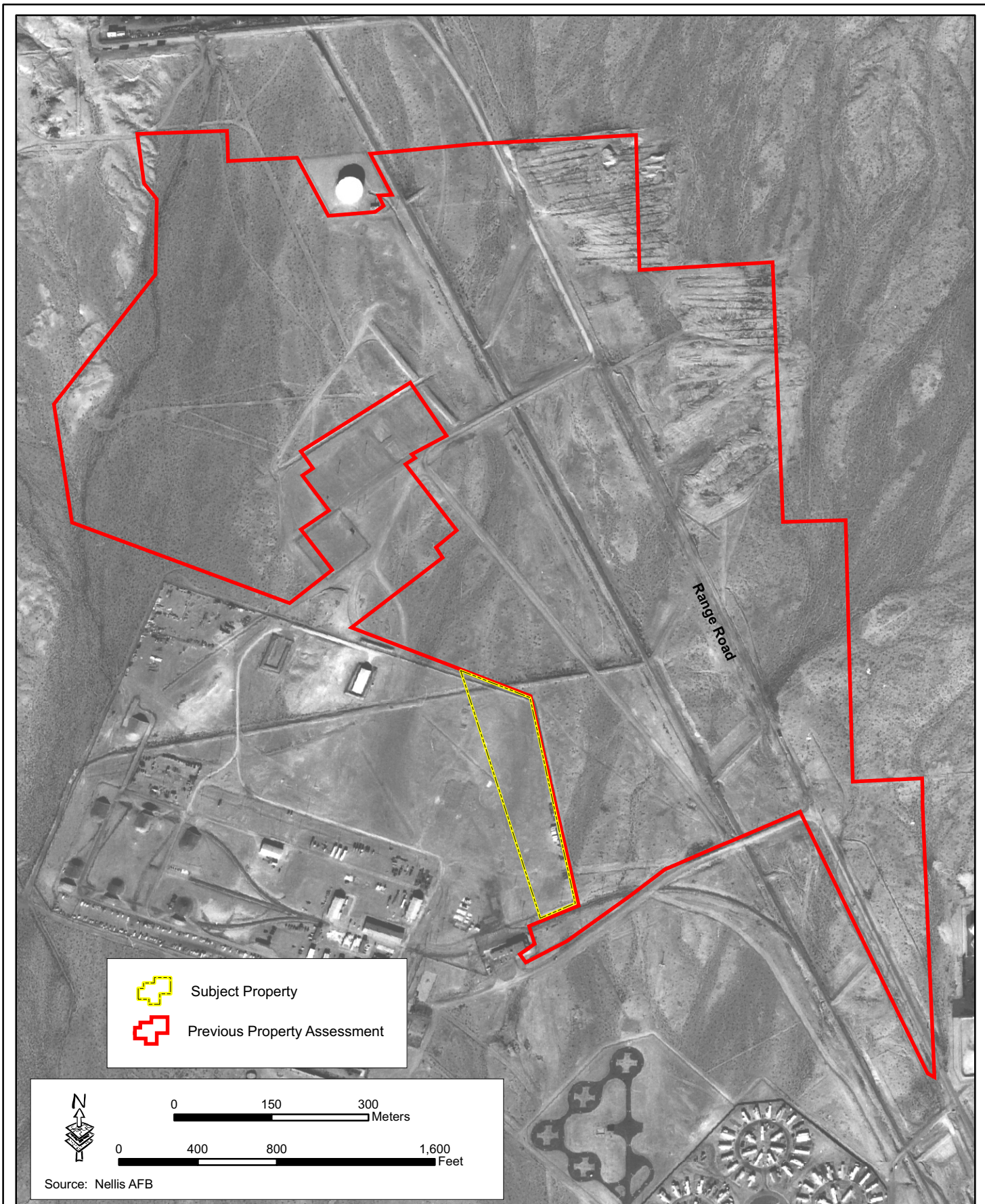
Date: December 2006



1973 & 1974 Topographic Quadrangle



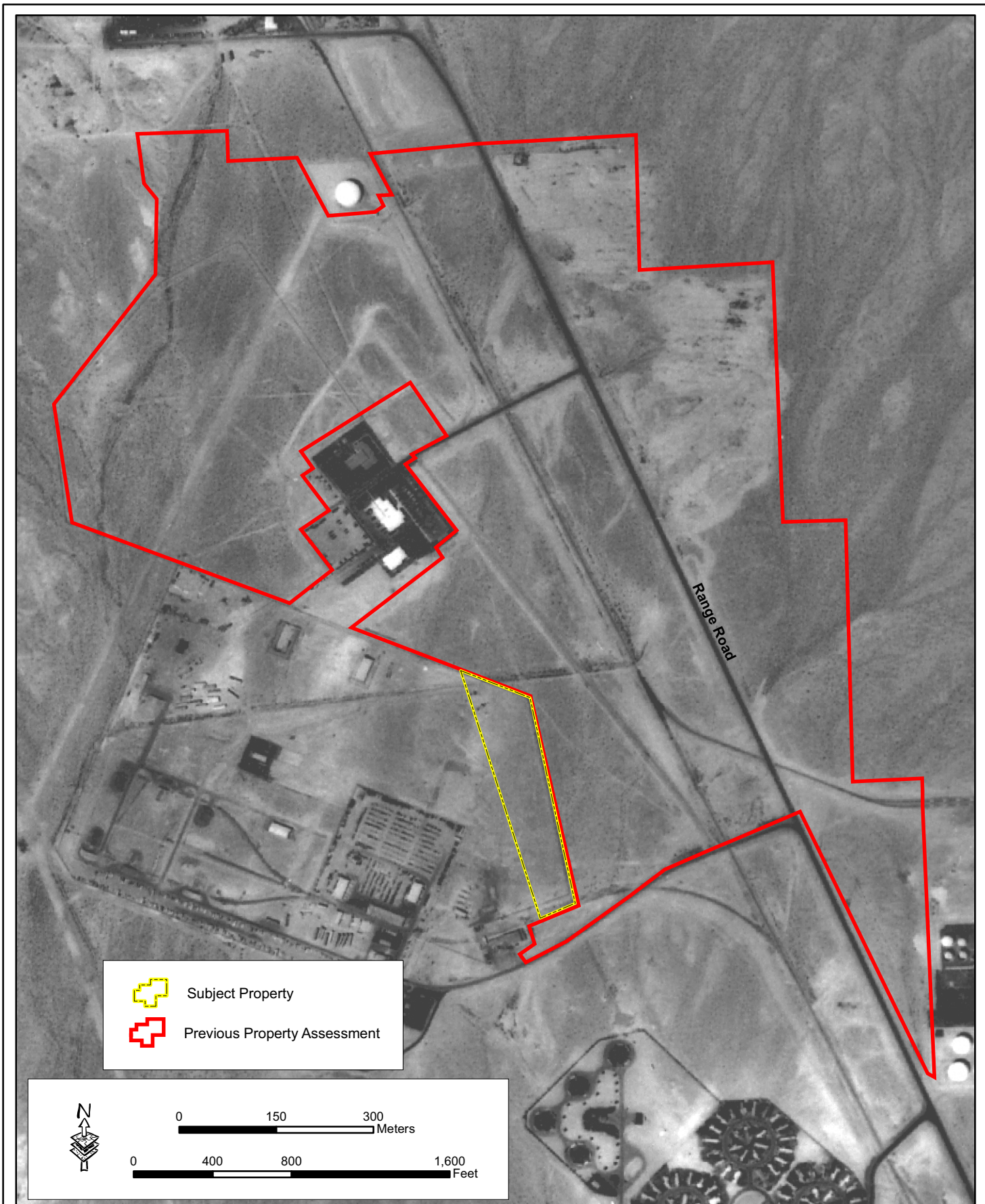
Date: December 2006



1984 Aerial Photography



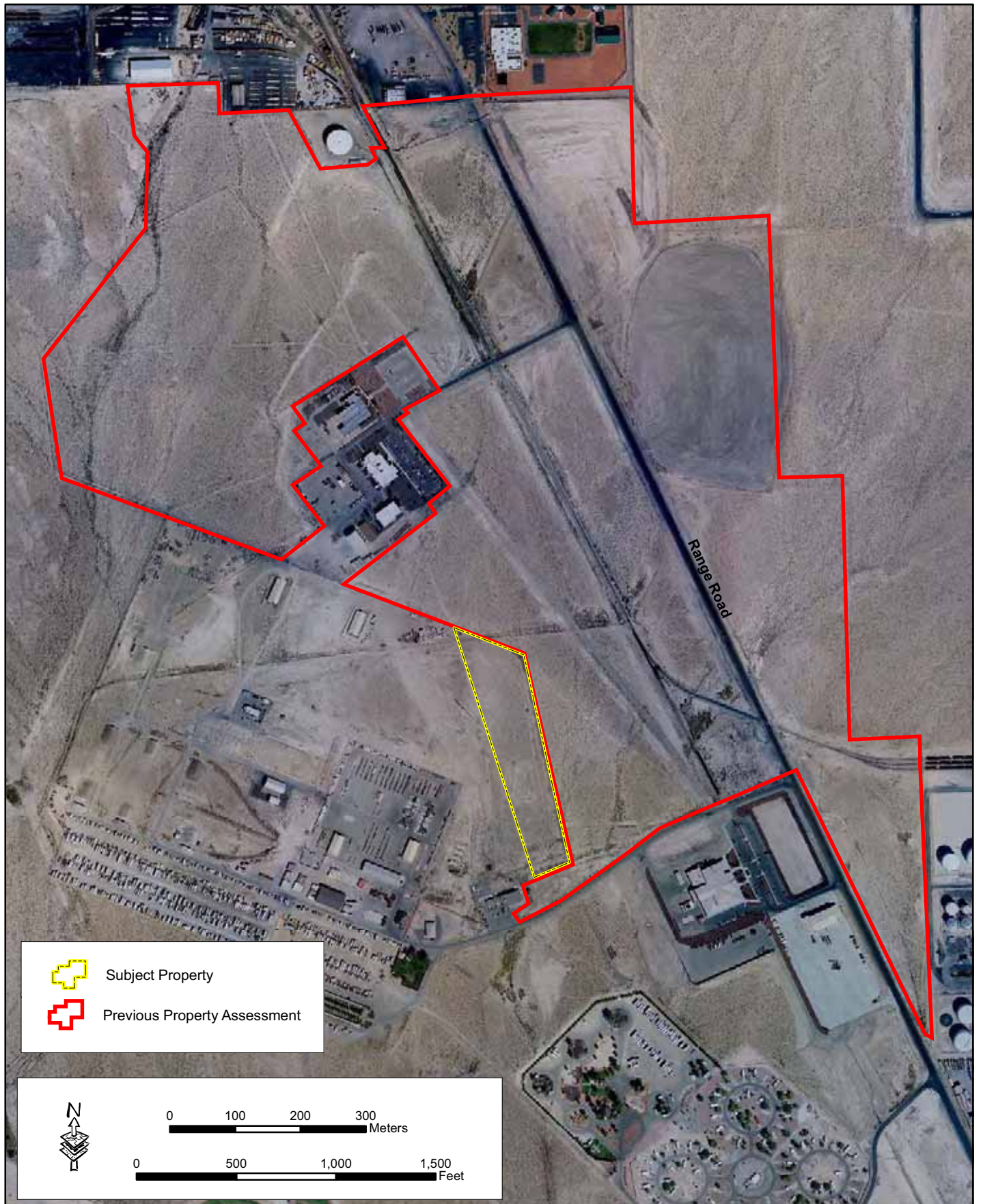
Date: December 2006



1990 Aerial Photography



Date: December 2006



2005 Aerial Photography



Date: December 2006

SITE PHOTOGRAPHS



Photo 1. View to the northwest from southwest property corner



Photo 2. View to the west of subject property from east property line



Photo 3. View to the north along subject property east fence line



Photo 4. West view of adjacent property from northwest property corner



Photo 5. South view of subject property from northwest property corner



Photo 6. North view of adjacent property from north property line



Photo 7. East view of subject property from west property line



Photo 8. West view of adjacent property from west property line



Photo 9. South view along west subject property line



Photo 10. South view of adjacent property from south property line



Photo 11. Timber obstacle on the tank maneuvering course



Photo 12. Concrete blocks and camo netting on the tank course



Photo 13. Timber poles and cables on tank course



Photo 14. Old tire obstacle on tank course



Photo 15. Pile of concrete rubble on subject property



Photo 16. Old discarded wood tent platform on subject property



Photo 17. Concrete rubble on subject property



Photo 18. Concrete barrier rubble on subject property



Photo 19. Piles of recycled asphalt on subject property



Photo 20. Paper and cardboard waste on subject property



Photo 21. Telephone junction box on subject property



Photo 22. Electrical cabinets on adjacent property to the southwest



Photo 23. Concrete slabs on adjacent property to the west



Photo 24. Transformers on pole adjacent to south property line



Photo 25. Transformers on pole adjacent to south property line



Photo 26. Gas transmission line along west subject property line

APPENDIX D
REFERENCES



REFERENCES

- Air Force Instruction (AFI) 32-7066. 1994. Environmental Baseline Surveys in Real Estate Transactions. 25 April 1994.
- American Society for Testing and Materials (ASTM). 2005. E 1527-05. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. December 2005.
- Black and Veatch. 2006. Nellis Air Force Base Sites LF-01 and LF-02, Project No.RKMF20057001, Groundwater Monitoring Report. February 2006.
- CH₂M Hill. 1982. Installation Restoration Program Records Search for Nellis Air Force Base, Nevada. April 1982,
- Environmental Data Resources, Inc. (EDR). 2006. EDR Radius Map Report, Nellis Air Force Base SPV Area III, Las Vegas, NV 89115. December 11, 2006.
- Nellis Air Force Base (AFB). 1943. Aerial Photography. 1943.
- Nellis AFB. 1958. Aerial Photography. 1958.
- Nellis AFB. 1973. Aerial Photography. 1973.
- Nellis AFB. 1984. Aerial Photography. 1984.
- Nellis AFB. 1990. Aerial Photography. 1990.
- Nellis AFB. 2005. Aerial Photography. 2005.
- Nellis AFB. 1996. Environmental Baseline Survey for the Land Lease to the 63rd Regional Support Command. USAF 99 ABW/EM, Nellis Air Force Base, Nevada. August 12, 1996.
- Nellis AFB. 2006. Final Environmental Assessment for Leasing Nellis Air Force Base Land for Construction of a Solar Photovoltaic System, Clark County, Nevada. September 2006.
- Nellis AFB. 2006a. Final Draft, Nellis Air Force Base 19-1, Facility Response Plan. July 2006.
- U.S. Environmental Protection Agency (EPA). 2006. Enforcement and Compliance History Online: <http://www.epa.gov/echo/> and Envirofacts Data Warehouse: http://www.epa.gov/enviro/index_java.html
- U.S. Geological Survey (USGS). 1952. 15-minute (1:62,500 scale) Topographical Quadrangle, Las Vegas and Gass Peak SW Quadrangles. 1952.
- USGS. 1973. 7.5-minute (1:24,000 scale) Topographic Quadrangle, Las Vegas NE Quadrangle, 1973.
- USGS. 1974. 7.5-minute (1:24,000 scale) Topographic Quadrangle, Valley Quadrangle, 1974.

APPENDIX E
TERMS



ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
AFI	Air Force Instruction
AFPD	Air Force Policy Directive
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylene
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DOD	Department of Defense
DRMO	Defense Reutilization and Marketing Office
EBS	Environmental Baseline Survey
ECHO	Enforcement and Compliance History Online
EDR	Environmental Data Resources, Inc.
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ERNS	Emergency Response Notification System
ERP	Environmental Restoration Program
°F	Degrees Fahrenheit
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FINDS	Facility Index System
FTTS	FIFRA/TSCA Tracking System
GSRC	Gulf South Research Corporation
HVOC	Halogenated Volatile Organic Compound
ICIS	Integrated Compliance Information System
lbs	Pounds
LF	Landfill
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
MG	Million Gallons
MTBE	Methyl tertiary-butyl ether
NDEP	Nevada Division of Environmental Protection
NFRAP	No Further Remedial Action Planned
NPL	National Priorities List
PADS	PCB Activity Database
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
ppb	parts per billion
ppm	parts per million
RCRA	Resource Conservation and Recovery Act
RPM	Restoration Program Manager
RV	Recreational Vehicle
SHWS	Solid and Hazardous Waste Sites
SPS	Solar Photovoltaic System
SWF/LF	Solid Waste Facility/Landfill
TCE	Trichloroethene
TSCA	Toxic Substances Control Act
U.S.	United States
UST	Underground Storage Tank
VOC	Volatile Organic Compound
yd ³	Cubic Yard