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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

Sixteen prototype spiral wound reverse osmosis elements were designed, fabricated, and subjected to an extensive Phase I test protocol for acceptance. These prototype elements contained a high rejection grade of FilmTec's FT30 membrane especially treated by a proprietary process to enhance its chlorine resistance. Spiral elements were additionally designed to operate at a feedwater temperature of 140°F. Flux and salt rejection of these elements averaged 2220 GPD and 99.0% on ASTM synthetic seawater at 800 psi and 25°C.

GENERAL REPORT SUMMARY SHEET

1. COMPONENT PART NAME PER GENERIC CODE Prototype Hi-Temp, Chlorine Resistant RO Element		2. PROGRAM OR WEAPON SYSTEM DAAK70-86-C-0081		1		DATE	NO	YR
3. ORIGINATOR'S REPORT TITLE Phase I Test Results on 18 Prototype RO Elements		4. ORIGINATOR'S REPORT NO. FTC-0005		TEST COMPL.				
		5. TEST TYPE, ETC. Reverse Osmosis Test		REPT. COMPL.				

7. THIS TEST (SUPERSEDES) (SUPPLEMENTS) REPORT NO:

8. OUTLINE, TABLE OF CONTENTS, SUMMARY, OR EQUIVALENT DESCRIPTION:

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7. General Description of Phase I Events and Findings.....	11
8. Conclusions.....	15
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11. REC'D
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9. NAME Fil-Tec Corp.	10. CONTRACTOR Fil-Tec Corp.	11. SUBCONTRACTOR
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TEST AND DEMONSTRATION REPORT

Phase I Test Results

PURPOSE OF THE TEST

The overall objective of this test is to generate reverse osmosis performance data documenting the performance of a new membrane element prototype designed for improved resistance and high temperature operating characteristics. The specific objective of this Phase I test is to provide baseline test data on these prototype elements under three feedwater test conditions (fresh water, brackish water, seawater). These baseline test data are to demonstrate minimum flux and chloride rejection characteristics as a basis for approval to conduct Phase II and III tests, as outlined in the subject contract.

Initially, the contract called for tests on 16 elements. During Phase I testing, the contract scope was changed to testing on 18 elements including three (instead of one) earmarked for Phase II chlorine tests.

DESCRIPTION OF TEST SPECIMENS

Test specimens are spiral wound reverse osmosis elements meeting dimensions and requirements as shown in the attached Drawing No. 20203. Because of some internal changes in these elements, they were designated as XP30HR-6040M prototypes. These prototype elements differ from standard SW30-6040M reverse osmosis elements in the following respects.

First, these elements have FilmTec's high rejection grade FT30 membrane contained therein, but this membrane has been treated by a proprietary process to enhance both flux and chlorine tolerance.

Second, these elements have a double layer of epoxy nylon tricot as permeate channel spacer for improved flow-carrying capacity under high temperature and high pressure. Standard reverse osmosis element designs have temperature limitations, with typical commercial operating limit of 45°C; and the permeate channel spacer of a standard element collapses at high pressure and high temperature conditions.

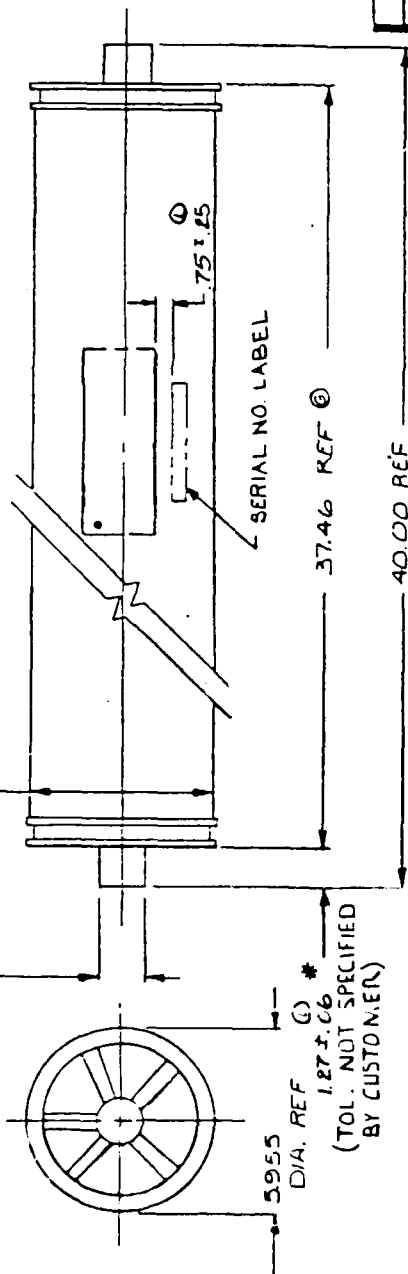
Third, to maintain sufficient active membrane area in the elements in view of the use of a thicker permeate channel construction, a thinner brine channel spacer was utilized. A ladder-type brine net, made by Conwed Corporation, was used as opposed to a diamond crosshatch brine net normally used in such elements.

NOTES

1. ALL DIMENSIONS ARE IN INCHES
2. DO NOT SCALE DRAWINGS
3. BREAK ALL SHARP EDGES
4. WILL FIT 60 ID VESSEL
5. USE PARKER 1813 D SEAL #8410-0037 OR EQUIV.
6. THIS ASSY WILL USE EXTERNAL O-RINGS

1.498 B ± .003 DIA REF *

5.970 DIA. MAX. ①



REV	DATE	DESCRIPTION	98H	CHKD	AUTH
F	4-25-85	ECC 1373			
G	4-28-85	ECC 1427			
H	4-23-86	ECC 1927			
J	6-17-84	ECC 2016			
K	6-25-86	ECC 2047			
L	8-20-86	ECC 2129			
M	10-8-86	ECC 2209			

20203

ITEM	PART NO	QTY	DESCRIPTION

MATERIAL



FILMTEC CORPORATION
MINNEAPOLIS MINNESOTA 55436 USA

TOLERANCES
X ± .000
XX ± .030
XXX ± .010
Fraction ± 1/32

TITLE
ELEM DRY
SW30M - 6040

DATE
6-27-85
CHECKED
AUTHOR
1/4

NEXT ASSEMBLY
SHEET 1 OF 3
REVISION M
NUMBER
20203

* CUSTOMER CONTROLLED FEATURE.

CUSTOMER NO. 00259

13226E2211

CUSTOMER DWG NO. REV.

DESCRIPTION OF TEST APPARATUS

A special test bench was built for this test program. FilmTec drawing #3-0387, attached as Figure 1, is a diagram of this test bench. It was located in the R&D area of FilmTec, as opposed to the element production area. Hence, no interference by regular element production testing was experienced.

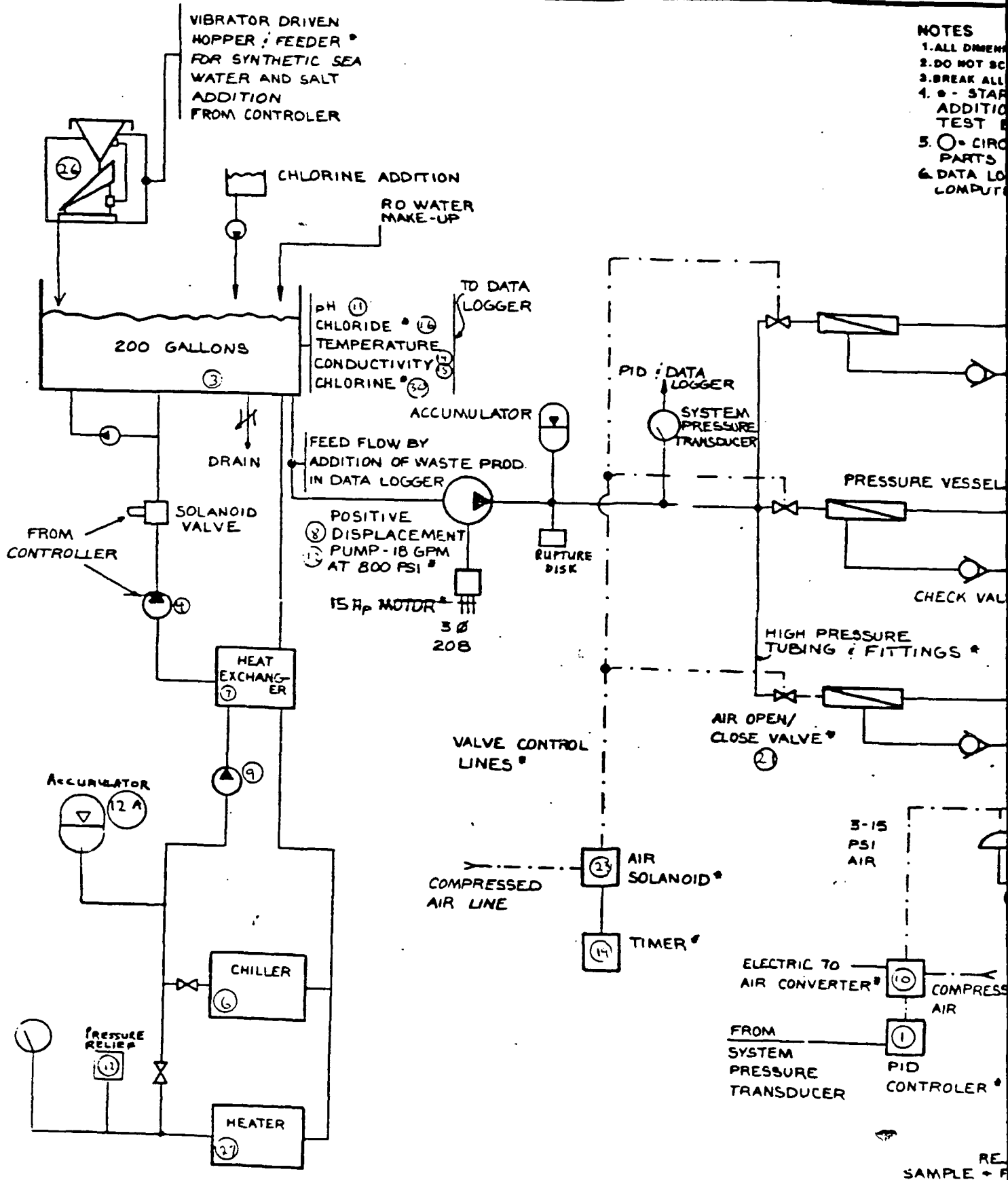
This test bench was designed for long-term, unattended operation. It was further designed to operate in the mode required to satisfy the test protocol, i.e., a single element is tested for eight hours followed by 16 hours off, followed by eight hours testing. To compress the overall time required for test program, the test system was equipped with three pressure vessels. A timer operated three high pressure valves (via an electric-to-air solenoid). The timer was preset to provide eight hours testing on one element, then a second and then a third, and then back to the first element, etc. This automatically provided the 16 hours "off" required between tests. Because the piping for both the permeate and reject flows connect together, check valves were installed to assure that only flows under test were entering the downstream portion of the system.

The pressure vessels themselves were specially designed to provide simple, but safe, element changeover and operation. They consisted of filament-wound tubes designed for the radial pressure load. The axial pressure was carried on pairs of stainless steel plates with end forks to hold in the end plugs.

Feed was supplied from a 200 gallon reservoir with a positive displacement pump of a wobble plate-diaphragm design that eliminates feed contamination from the pump drive mechanism - an important point when operating a closed loop system. The feed flow was dictated by the pump speed, which was set to provide 18 gpm.

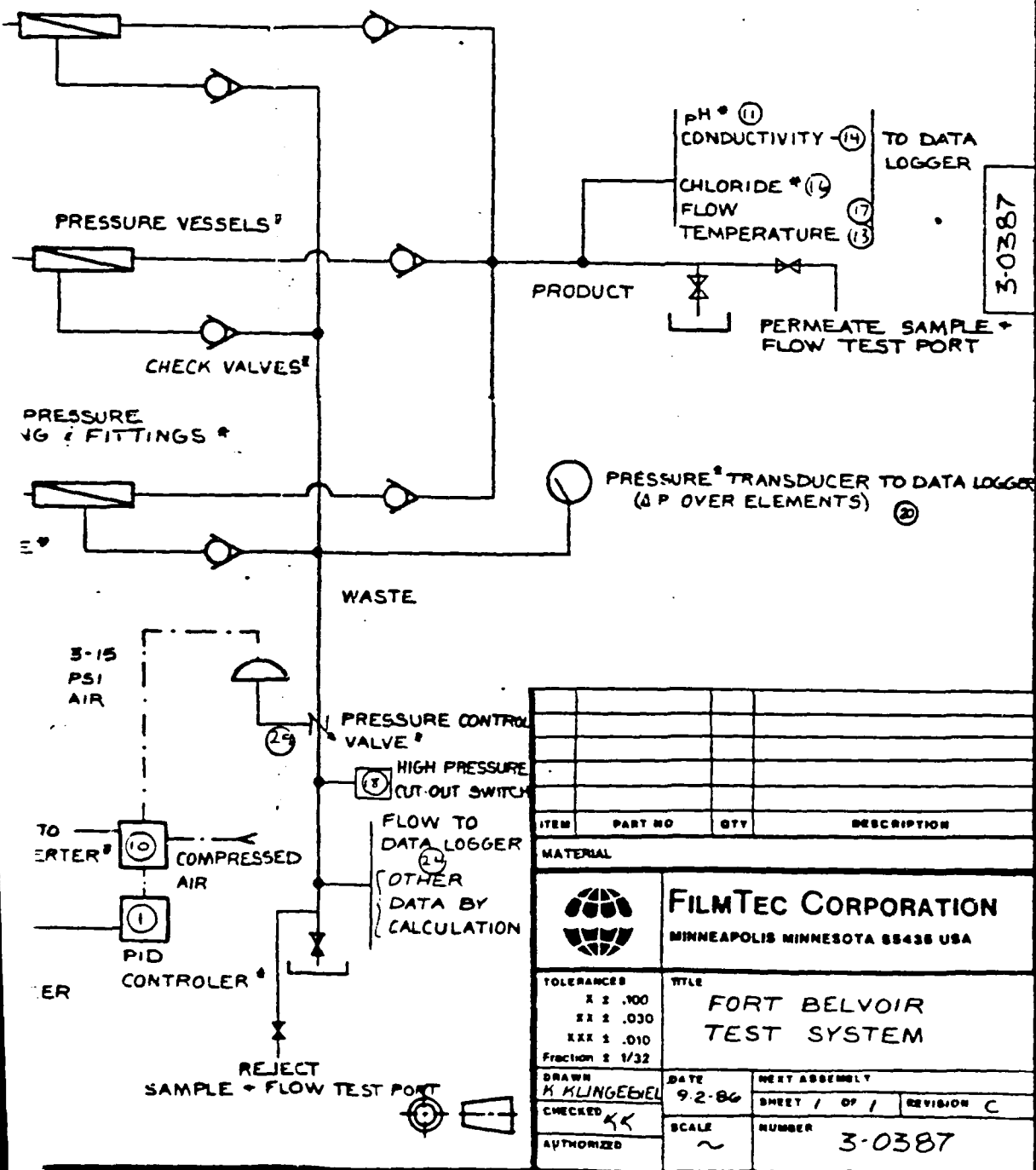
The feed pressure was controlled using a pressure transducer to sense the pressure, a proportional integrating differentiating (PID) controller, an electric-to-air converter, and an air-regulated needle valve. This combination provided a feedback controlled loop and a precise, constant pressure. Temperature control was provided by a chiller (for maintaining 25°C) and heater (for future high temperature testing). Overpressure safety was provided on the high pressure side by a rupture disk. The low pressure return plumbing was protected by a high pressure cut-out switch.

Ports were provided for checking on-line sensor calibration. The system was provided with a variety of other sensors to collect the data required. These included platinum resistance temperature sensors, pressure transducers, probes and meters for chloride ion concentration, pH, conductivity, flow and chlorine. These (analog) signals all went to a 32-channel data logger. This device converted the data to digital form and transferred the data to a computer dedicated to this project. The data logger also provided temperature control, feed water concentration control and some safety functions.



1. ALL DIMENSIONS ARE IN INCHES
2. DO NOT SCALE DRAWINGS
3. BREAK ALL SHARP EDGES
4. * - STARRED ITEMS ARE ADDITIONS TO THE EXISTING TEST BENCH.
5. O - CIRCLED PARTS SEE PARTS LISTS.
6. DATA LOG-GER SENDS DATA TO COMPUTER STORAGE.

REV	DATE	DESCRIPTION	DDB	CNEB	AUTH



TEST PROCEDURE

Phase I testing consisted of three different tests (fresh water feed, brackish water feed and synthetic seawater feed). A total of 18 prototype reverse osmosis elements were tested. Each element was run eight hours a day for two days for each test. The following two pages contains a list of reverse osmosis test parameters to be measured. Table 1 (below) lists the specified compositions of the three feedwaters.

TABLE 1
SPECIFIED COMPOSITION OF DESIGNATED
FEEDWATERS

Fresh water: 500 mg/l $\pm$ 5% NaCl

Brackish water: 5,000 mg/l $\pm$ 5% NaCl

Seawater: ASTM-D-1141, "Substitute Ocean Water,
Formula A, Section 6, without Heavy Metals"

Chlorinated feedwater: 5,000 mg/l NaCl plus 5, 0, 10 mg/l
available chlorine

Fresh water feed was 500 ppm $\pm$ 5% NaCl, and the fresh water test was conducted at 320 psi operating pressure. Brackish water feed was 5000 ppm $\pm$ 5% NaCl, and the brackish water test was conducted at 375 psi operating pressure. Synthetic sea water was ASTM-D-1141 "substitute ocean water", and the synthetic sea water test was conducted at 800 psi operating pressure. All three tests in Phase I testing were conducted at 25°C. All of the test data were collected by the data logger and were sent to a microprocessor and stored therein.

TABLE 2

LIST OF TEST REQUIREMENTS

1. When tests were taken, hourly readings.
2. Analysis of feedwater and product water
3. Feedwater
 - a. pH
 - b. Total dissolved solids content (TDS)
 - c. Chloride ion concentration
 - d. Pressure (psig)
 - e. Flow into test stand
 - f. Conductivity
 - g. Temperature °F, °C $\pm$ 1°C
4. Brine (waste streams)
 - a. pH
 - b. TDS
 - c. Chloride ion concentration
 - d. Flow in gpm
 - e. Flow in lb/time interval
 - f. Temperature °F, °C $\pm$ 1°C
 - g. Conductivity
5. Product Water
 - a. pH
 - b. TDS
 - c. Chloride ion concentration
 - d. Temperature °F, °C $\pm$ 1°C
 - e. Flow in gpm
 - f. Flow in lb/time interval
 - g. Conductivity (uS)
6. Percent chloride ion rejection
7. Product flow in gal/day
8. Percent recovery
9. Delta P (change in pressure) across element in test stand
10. Provide product flow curve vs. pressure for fresh, brackish and seawater
11. Provide temperature correction factor chart, plot feed salt concentration vs. salt rejection

In Phase I testing, feed water and permeate water were manually sampled once a day, and their conductivity as well as the chloride ion concentrations were manually measured. The chloride ion concentrations were measured by preparing standard chloride solutions and using a chloride ion meter. Reject flow rate and permeate flow rate were checked once a day volumetrically to confirm the displayed flow rates.

SUMMATION OF TEST RESULTS

Table I contains a summary of flux and salt rejection data for the 18 prototype elements operated under "fresh water" conditions. Fluxes exceeded 1850 gpd for all 18 elements, tested at 320 psi operating pressure and 25°C. Chloride ion rejection exceeded 99.5% in all cases, as well.

Table II contains similar data under seawater test conditions. Seventeen out of 18 elements exceeded the 1850 gpd flux minimum, operated at 800 psi and 25°C. Chloride ion rejection varied from 98.9 to 99.3% for all 18 elements.

Table III contains a summary of flux and chloride ion rejection for the 18 prototype elements operated under "brackish water" test conditions. All elements exceeded the flux of 1850 gpd, operated at 375 psi and 25°C. Chloride ion rejections were all above 99.0% except for two elements.

The summary data in these three tables were taken from the final operating data at the end of the second 8 hours of testing on the subject elements in each of the three test conditions.

TABLE 3

SUMMARY OF PROTOTYPE ELEMENT TEST DATA ON FRESH WATER FEED

<u>Serial #</u>	<u>Avg. Flux (gpd)</u>	<u>Avg. Chloride Rejection (%)</u>
307017	2300	99.6
307019	2600	99.6
307004	2250	99.7
307014	2450	99.7
307010	2350	99.7
307016	2100	99.7
307000	2500	99.7
307001	2400	99.7
307018	2400	99.7
307008	2550	99.7
307013	2050	99.7
307006	2250	99.7
307005	2000	99.7
307021	1950	99.7
307012	1900	99.7
307015	2350	99.7
307020	2050	99.7
307007	1830	99.4
307011	1750	99.7
307003	2350	99.3

Test Conditions:

Operating Test Pressure = 320 psi

Permeate Temperature = 25°C

Feed Concentration = 500 ppm ± 5% NaCl

TABLE 4

SUMMARY OF PROTOTYPE ELEMENT TEST DATA ON BRACKISH WATER FEED

<u>Serial #</u>	<u>Flux (gpd)</u>	<u>Chloride Rejection (%)</u>
307019	2210	99.3
307000	1920	99.0
307016	2340	99.2
307013	2500	99.3
307008	2250	99.4
307021	1870	99.3
307005	3300	99.3
307015	2400	99.5
307012	3050	99.5
307007	1850	99.1
307020	1990	98.8
307006	2180	99.0
307001	2400	98.7
307004	2220	99.2
307017	2370	99.4
307003	2500	99.4
307016	2720	99.4
307018	2590	99.1
307010	2350	99.4
307014	2280	99.3
307011	2160	99.3

Test Conditions: Operating Test Pressure = 375 psi
 Feed Conductivity = 9200 umho $\pm$ 5% NaCl
 Permeate Temperature = 25°C

TABLE 5

SUMMARY OF PROTOTYPE ELEMENT TEST DATA ON SYNTHETIC SEAWATER FEED

<u>Serial #</u>	<u>Flux (gpd)</u>	<u>Cl⁻ Rejection (%)</u>
307006	2140	98.9
307007	1850	98.9
307013	2360	99.0
307015	1800	98.9
307020	1900	99.1
307012	2300	98.6
307010	2380	99.2
307014	2200	99.1
307011	2150	99.1
307019	2570	98.9
307016	2600	98.8
307000	2100	98.9
307004	2680	98.9
307003	2070	99.1
307017	2400	99.3
307005	2080	99.1
307021	2070	99.1
307008	2220	99.0

Test Conditions:

Operating Test Pressure = 800 psi

Permeate Temperature = 25°C

Feed Concentration = 35000 ppm $\pm$ 5% synthetic sea water

GENERAL DESCRIPTION OF PHASE I EVENTS AND FINDINGS

Initiation of this procurement contract occurred on 29 July 1986. Initiation of Phase I testing was planned for early September, but was actually delayed until early November. Delay was caused by the fact that the test apparatus was not yet fully assembled, and a few key parts were not delivered on time by suppliers.

In preparation for Phase I, a total of 22 prototype elements, designated as XP30HR-6060M elements, were fabricated. Eighteen were required for test purposes. The other four were available as spares, in case any of the first 18 elements did not meet salt rejection criteria.

November 1986

All 22 prototype elements were tested with 3.2% NaCl feedwater at 800 psi at 25°C. All elements showed low fluxes (1500-1750 gpd) due to the selection of the specific SW30-HR grades used in these elements. Salt rejection exceeded 99% for all 22 elements.

All 22 elements were subjected to FilmTec's proprietary treatment with nitrous acid to enhance flux and salt rejection. All 22 elements were then tested with 3.5% synthetic seawater at 800 psi. Flux increases averaged 57% as a result of this treatment. This was somewhat below expectations based on lab bench trials (100% flux increase).

During these baseline tests, the PID controller for system pressure control did not work at all, and it was replaced. The new PID controller was calibrated and tuned to appropriate set-point. The chloride ion sensors also did not work well. The span seemed too wide, and it was just not very reliable. The chiller that controlled the test loop feedwater temperature was not able to maintain the required 25°C at 800 psi for more than 1-2 hours. Therefore, baseline tests had to be stretched out to allow the cooling system to "catch up" between tests.

December 1986

Upon completion of the baseline tests at 800 psi, 25°C, and 3.2% NaCl, the prototype elements were re-treated with FilmTec's proprietary nitrous acid treatment. The first proprietary treatment for improved flux and chlorine tolerance was apparently not conducted long enough and had not taken full effect.

The repeat treatment raised flux levels a little more, but still not to the anticipated 100% flux increase level. The treatment was done for the third time, but provided no improvement in flux over the second treatment. Salt rejection for these elements had dropped to the 98.8-99.1% level as a result of the treatments. See Table 6 for pre- and post-treatment data.

An element was cleaned with 0.5% NaOH/EDTA and rinsed with RO water for half an hour. This gave some increase in flux. All of the elements were then cleaned with 0.5% NaOH/EDTA and rinsed with RO water for half an hour. Since the fluxes of elements at this point were all above the minimum flux required by the contract under standard seawater test conditions, Phase I testing commenced. Two-thirds of the fresh water feed test was complete by the end of December 1986.

Two of the original 22 elements were autopsied during this time period to check membrane construction details and active membrane area. Thus, two remained as spares, along with 18 for full scale Phase I tests.

Table 6

XP30HR-6040M Element Test Results

Serial Number	Initial Baseline Test Data*		Post-Treatment Baseline Test Data**	
	Flux (gpd)	Salt Rej. (%)	Flux (gpd)	Salt Rej. (%)
307000	1680	99.2	2860	99.0
307009	1710	99.0	2730	98.9
307013	1510	99.2	2840	99.0
307017	1620	99.2	2710	98.9
307008	1670	99.1	2660	99.0
307012	1750	99.1	2380	98.8
307004	1750	99.1	2630	99.0
307003	1640	99.1	2130	98.8
307016	1690	99.0	2280	98.8
307021	1730	99.1	2160	98.8
307010	1680	99.2	2610	99.0
307005	1620	99.2	2530	98.8
307007	1700	99.1	2680	99.0
307006	1710	99.2	2590	98.9
307011	1730	99.0	2630	98.9
307015	1700	99.1	2470	98.9
307020	1460	99.1	2440	99.1
307001	1610	99.1	2650	99.0
307018	1580	99.1	2750	98.7
307014	1560	99.2	2850	98.8
307019	1570	99.2	2790	99.0
307002	1560	99.1	2510	98.8
Average:	1650	99.1	2590	98.9

* Test Conditions: production test loop, simulated seawater (NaCl, 53400 $\pm$ 600 umho feed conductivity), 800 psi, 25°C

** Test Conditions: R&D test loop, ASTM synthetic seawater (51300 $\pm$ 350 umho), 800 psi, 25°C

January 1987

The remainder of the elements were tested at fresh water feed test conditions by mid-January. Synthetic seawater tests were then begun. However, the elements all seemed to have lost substantial flux. The elements were subsequently cleaned with 0.5% NaOH/EDTA and rinsed with RO water for half an hour. Fluxes were increased substantially by the NaOH/EDTA cleaning. Such behavior is characteristic of organic or biological fouling. Bacterial growth may have occurred in the elements during storage while they were not being tested.

Downtime was experienced in late January because the feed pump failed to provide sufficient feed flow. The pump was sent to the manufacturer and was overhauled and re-assembled. An additional heat exchanger was also installed in a series to provide some auxiliary cooling capacity. This enabled the system to maintain the feed temperature at 25°C at 800 psi.

February 1987

The synthetic seawater tests resumed. However, the salt rejections of the first few elements which were tested right after the NaOH/EDTA cleaning were low (98%). Yet, salt rejections of elements which were tested several days after the NaOH/EDTA cleaning were good (99%). Subsequently, the elements with low salt rejections (98%) were retested after 5 days; salt rejections improved to 99+% for these as well.

Some system malfunctions and downtime continued to occur during the synthetic seawater tests. The reject flow meter was malfunctioning and was fixed by a serviceman. Also, the feedwater temperature probe was recalibrated. Broken belts on the feed pump were replaced and, while the system was down, the feedwater reservoir was emptied and cleaned with alkaline detergent cleaner.

Also, during the changeover time from one pressure vessel to another, the feed pressure sometimes exceeded the high pressure cutoff value, inadvertently shutting off the test system. This problem was resolved by tuning the PID controller's response more sensitively to the changing test pressure during the element changeover time, and by increasing the high pressure cutoff value to 950 psi.

The brackish water tests were begun at about the end of February.

March 1987

The brackish water tests continued. However, flux losses were again encountered on elements that laid in storage between tests. They were again cleaned with 0.5% NaOH/EDTA cleaner and rinsed with RO water. The fluxes of the elements after NaOH/EDTA cleaning improved substantially.

The pump broke down again in March and was re-assembled by the manufacturer. The reject flow meter malfunctioned again, was fixed by a serviceman, and was recalibrated. One element which had been tested at brackish and seawater conditions, but had inadvertently not been tested at fresh water feed test conditions was now tested.

CONCLUSIONS

All of the 18 prototypes chosen for testing on the three feedwaters in this Phase I test performed satisfactorily. All met or exceeded 99.6 percent chloride ion rejection on fresh water. Chloride ion rejection data on brackish water were in the range of 98.7 to 99.5 percent. Chloride ion rejection data on seawater were in the range of 98.6 to 99.2 percent (median value was 99.0 percent).

The chloride ion rejection values for the prototype elements under brackish water and seawater conditions were below the desired level of 99.5 percent expressed in the original RFQ. However, FilmTec's proposal in response to this RFQ specifically noted that the 99.5 percent value was unattainable for these prototype elements, and the contract effort was undertaken on this basis. We had predicted an average chloride ion rejection of 99.1 percent for these prototypes. Actual result was 99.0 percent. All of the elements exceeded the 98.5 percent chloride ion rejection level considered necessary for potable water production from seawater.

Water fluxes exceeded the minimum of 1850 gpd for 17 of the 18 prototypes under the specified seawater test conditions of 3.5% synthetic seawater, 800 psi, 25°C.

FRESH WATER TEST

Page 1
April 10, 1967

ELEMENT TESTED FRESH WATER PARAMETERS

SEMI-DIAPYCNOMETERS

FRESH WATER PARAMETERS

THERMAL DATA

Serial Date

Inlet F

Flow

Temp

Cond

TDS

Cl-

pH

W Flow

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Cond

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pH

W Flow

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Heat

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W Flow

Temp

Cond

TDS

Heat

Cl-

pH

W Flow

Temp

Cond

TDS

Heat

Cl-

pH

W Flow

Temp

Cond

TDS

[illegible]

ELEMENT /TESTED										FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA			
Serial	Date	Line	Temp	Cond	10S	Cl-	ph	Inlet F	Flow	Temp	Cond	10S	Cl-	ph	N	Flow	Temp	Cond	10S	Meas	1	ph	F	Flow	Temp	Cond	10S	Cl-	ph	Delta													
Number			deg C	uachs	ppm	ppm		psi	GPM	deg C	uachs	ppm	ppm		GPM	deg C	uachs	ppm	ppm				GPM	deg C	uachs	ppm	ppm			psi													
307004	19/0ec	18:42	21.4	981	490	280	6.5	319	20.31	21.4	1053	526	316	6.5	18.91	21.6	5.0	2.5	1	5.7	1.4	2034	15621	99.6	7.0	18																	
307004	19/0ec	18:42	21.4	980	490	280	6.5	320	20.31	21.4	1053	526	316	6.5	18.91	21.6	5.0	2.5	1	5.7	1.4	2044	15621	99.6	7.0	18																	
307004	19/0ec	18:42	21.4	980	490	280	6.5	320	20.31	21.4	1052	526	316	6.5	18.91	21.6	5.0	2.5	1	5.7	1.4	2064	15621	99.6	7.0	19																	
307017	19/0ec	16:57	21.2	980	490	280	6.5	320	20.41	21.2	1061	530	316	6.5	18.81	21.5	5.0	2.5	1	5.7	1.6	2275	15621	99.6	7.8	9																	
307017	19/0ec	19:12	21.0	981	490	280	6.5	321	20.41	21.0	1061	530	318	6.5	18.81	21.3	5.0	2.5	1	5.7	1.6	2234	15621	99.6	7.6	9																	
307017	19/0ec	19:27	20.6	980	490	280	6.5	320	20.31	20.8	1059	530	318	6.5	18.81	21.1	5.0	2.5	1	5.7	1.5	2209	15621	99.6	7.5	9																	
307017	19/0ec	19:27	20.8	980	490	280	6.5	320	20.31	20.8	1059	530	318	6.5	18.81	21.1	5.0	2.5	1	5.7	1.5	2205	15621	99.6	7.5	9																	
307017	19/0ec	19:42	20.6	980	490	280	6.5	319	20.31	20.6	1058	527	317	6.5	18.81	20.9	5.0	2.5	1	5.7	1.5	2183	15621	99.6	7.5	9																	
307017	19/0ec	19:57	20.4	982	491	280	6.5	323	20.41	20.4	1059	530	318	6.5	18.91	20.7	5.0	2.5	1	5.7	1.5	2195	15621	99.6	7.5	9																	
307017	19/0ec	20:12	20.5	980	490	280	6.5	318	20.31	20.5	1058	529	317	6.5	18.81	20.8	5.0	2.5	1	5.7	1.5	2172	15621	99.6	7.4	8																	
307017	19/0ec	20:27	20.9	981	490	280	6.5	319	20.31	20.8	1060	530	316	6.5	18.81	21.2	5.0	2.5	1	5.7	1.5	2194	15621	99.6	7.5	8																	
307017	19/0ec	20:42	21.2	982	491	280	6.5	319	20.31	21.2	1060	530	318	6.5	18.81	21.6	5.0	2.5	1	5.7	1.5	2207	15621	99.6	7.5	8																	
307017	19/0ec	20:57	21.6	980	490	280	6.5	320	20.41	21.6	1060	530	318	6.5	18.81	21.9	5.0	2.5	1	5.7	1.6	2242	15621	99.6	7.5	9																	
307017	19/0ec	21:12	22.7	986	495	280	6.5	320	20.41	22.7	1069	534	321	6.5	18.81	23.1	5.0	2.5	1	5.7	1.6	2314	15621	99.6	7.9	6																	
307017	19/0ec	21:27	21.8	989	494	280	6.5	320	20.31	23.8	1075	536	322	6.5	18.71	24.2	5.0	2.5	1	5.7	1.6	2375	15621	99.6	8.1	8																	
307017	19/0ec	22:53	24.9	1000	500	290	6.5	320	20.41	24.9	1090	545	327	6.5	18.71	25.2	5.0	2.5	1	5.7	1.7	2456	15621	99.7	8.4	8																	
307017	19/0ec	23:12	25.0	999	500	290	6.5	321	20.41	25.0	1089	544	327	6.5	18.71	25.3	5.0	2.5	1	5.7	1.7	2454	15621	99.7	8.4	8																	
307017	19/0ec	23:27	25.1	994	497	290	6.5	320	20.31	25.1	1084	542	325	6.5	18.61	25.5	5.0	2.5	1	5.7	1.7	2451	15621	99.7	8.4	8																	
307017	19/0ec	23:42	25.1	995	498	290	6.5	320	20.31	25.1	1085	542	325	6.5	18.61	25.5	5.0	2.5	1	5.7	1.7	2459	15621	99.7	8.4	8																	
307017	19/0ec	23:57	25.3	993	496	290	6.5	320	20.31	25.3	1083	542	325	6.5	18.61	25.7	5.0	2.5	1	5.7	1.7	2460	15621	99.7	8.4	8																	
307017	19/0ec	23:57	25.5	988	494	290	6.5	320	20.31	25.5	1078	539	323	6.5	18.61	25.9	5.0	2.5	1	5.7	1.7	2477	15621	99.7	8.5	8																	
307017	19/0ec	23:57	25.5	986	494	290	6.5	321	20.31	25.5	1078	539	323	6.5	18.61	25.9	5.0	2.5	1	5.7	1.7	2492	15621	99.7	8.5	9																	
307017	20/0ec	0:12	25.7	986	493	290	6.5	322	20.41	25.7	1076	538	323	6.5	18.71	26.1	5.0	2.5	1	5.7	1.7	2513	15621	99.7	8.5	8																	
307017	20/0ec	0:27	25.9	982	491	290	6.5	320	20.41	25.9	1073	536	322	6.5	18.61	26.3	5.0	2.5	1	5.7	1.8	2520	15621	99.7	8.6	7																	
307017	20/0ec	0:27	25.9	983	492	290	6.5	320	20.51	25.9	1074	537	322	6.5	18.71	26.3	5.0	2.5	1	5.7	1.8	2574	15621	99.7	8.6	8																	
307017	20/0ec	0:42	26.1	981	490	290	6.5	319	20.41	26.1	1072	536	322	6.5	18.41	26.5	5.0	2.5	1	5.7	1.8	2521	15621	99.7	8.6	8																	
307017	20/0ec	0:57	26.3	982	491	290	6.5	322	20.41	26.3	1074	537	322	6.5	18.61	26.7	5.0	2.5	1	5.7	1.8	2547	15621	99.7	8.7	9																	
307017	20/0ec	1:12	26.5	982	491	290	6.5	319	20.41	26.5	1073	536	322	6.5	18.61	26.9	5.0	2.5	1	5.7	1.8	2543	15621	99.7	8.7	6																	
307017	20/0ec	1:27	26.7	981	490	290	6.5	318	20.41	26.7	1073	536	322	6.5	18.61	27.0	5.0	2.5	1	5.7	1.8	2549	15621	99.7	8.7	7																	
307017	20/0ec	1:42	26.8	981	490	290	6.5	321	20.41	26.8	1074	537	322	6.5	18.61	27.2	5.0	2.5	1	5.7	1.8	2580	15621	99.7	8.8	6																	
307017	20/0ec	1:57	27.0	981	490	290	6.5	321	20.41	27.0	1074	537	322	6.5	18.61	27.4	5.0	2.5	1	5.7	1.6	2583	15621	99.7	8.8	8																	
307017	20/0ec	2:12	27.2	981	490	290	6.5	320	20.41	27.2	1075	538	322	6.5	18.61	27.5	5.0	2.5	1	5.7	1.8	2599	15621	99.7	8.8	7																	
307017	20/0ec	2:27	27.3	980	490	290	6.5	320	20.41	27.3	1074	537	322	6.5	18.61	27.7	5.0	2.5	1	5.7	1.8	2599	15621	99.7	8.8	7																	
307017	20/0ec	2:42	27.5	981	490	290	6.5	321	20.41	27.5	1075	536	323	6.5	18.61	27.8	5.0	2.5	1	5.7	1.8	2626	15621	99.7	8.9	7																	
307019	20/0ec	2:57	27.6	981	490	290	6.5	320	20.51	27.6	1089	544	327	6.5	18.41	28.0	6.0	3.0	1	5.7	2.1	2581	15621	99.7	10.1	18																	
307019	20/0ec	3:12	27.8	980	490	290	6.5	319	20.41	27.8	1089	544	327	6.5	18.31	28.1	6.0	3.0	1	5.7	2.1	2568	15621	99.7	10.1	17																	
307019	20/0ec	3:27	27.9	981	490	290	6.5	321	20.51	27.9	1050	545	327	6.5	18.41	28.2	6.0	3.0	1	5.7	2.1	2976	15621	99.7	10.1	17																	
307019	20/0ec	3:42	28.0	981	490	290	6.5	321	20.51	28.0	1089	544	327	6.5	18.41	28.4	6.0	3.0	1	5.7	2.1	2981	15621	99.7	10.1	17																	
307019	20/0ec	3:57	28.1	982	491	290	6.5	321	20.51	28.1	1090	545	327	6.5	18.41	28.5	6.0	3.0	1	5.7	2.1	2984	15621	99.7	10.1	17																	
307019	20/0ec	4:12	28.3	980	490	290	6.5	320	20.41	28.3	1090	545	327	6.5	16.31	28.6	6.0	3.0	1	5.7	2.1	2993	15621	99.7	10.2	17																	
307019	20/0ec	4:27	28.4	980	490	290	6.5	320	20.41	28.4	1090	545	327	6.5	18.31	28.7	6.0	3.0	1	5.7	2.1	3005	15621	99.7	10.2	16																	
307019	20/0ec	4:42	28.5	980	490	290	6.5	319	20.41	28.5	1090	545	327	6.5	18.31	28.8	6.0	3.0	1	5.7	2.1	2992	15621	99.7	10.2	16																	
307019	20/0ec	4:57	28.6	981	490	290	6.5	319	20.41	28.6	1071	546	327	6.5	18.31	28.9	6.0	3.0	1	5.7	2.1	2976	15621	99.7	10.2	17																	
307019	20/0ec	4:57	28.6	982	491	290	6.5	319	20.41	28.6	1092	546	327	6.5	18.31	28.9	6.0	3.0	1	5.7	2.1	3000	15621	99.7	10.2	16																	
307019	20/0ec	4:58	28.6	980	490	290	6.5	320	20.41	28.6	1089	544	327	6.5	18.31	28.9	6.0	3.0	1	5.7	2.1	2988	15621	99.7	10.2	17																	
307019	20/0ec	5:12	28.7	981	490	290	6.5	321	20.41	28.7	1092	546	327	6.5	18.31	29.0	6.0	3.0	1	5.7	2.1	2994	15621	99.7	10.3	16																	
307019	20/0ec	5:27	28.8	981	490	290	6.5	320	20.41	28.8	1091	546	327	6.5	18.31	29.2	6.0	3.0	1	5.7	2.1	3021	15621	99.7	10.3	16																	
307019	20/0ec	5:42	28.9	982	491	290	6.5	321	20.41	28.9	1092	546	328	6.5																													

ELEMENT /TESTED				FEED WATER PARAMETERS					BRINE STREAM PARAMETERS					PRODUCT WATER PARAMETERS					OTHER DATA								
Serial	Date	Time		Temp	Cond	IDS	Cl-	ph	Inlet F Flow	Temp	IDS	Cl-	ph	W Flow	Temp	Cond	IDS	Meas Cl	P Flow	P Flow F	Flow	Cl-	Per.	Delta			
Number				deg C	uach/s	ppa	ppa		psi	GPM	deg C	uach/s	ppa		GPM	deg C	uach/s	ppa		GPM	GPD	lb/day	Rej	Rec.	psi		
307004	20/Dec	18:10		30.4	992	496	290	6.5	322	20.4	30.4	1091	546	327	6.5	18.5	30.7	5.0	2.5	1	5.7	1.9	2697	19821	99.7	9.2	17
307004	20/Dec	18:10		30.4	991	496	290	6.5	322	20.4	30.4	1090	545	327	6.5	18.5	30.7	5.0	2.5	1	5.7	1.9	2702	19821	99.7	9.2	17
307004	20/Dec	18:25		30.4	991	496	290	6.5	319	20.4	30.4	1089	544	326	6.5	18.5	30.7	5.0	2.5	1	5.7	1.9	2688	19821	99.7	9.1	17
307004	20/Dec	18:40		30.4	989	494	290	6.5	321	20.4	30.4	1088	544	326	6.5	18.5	30.7	5.0	2.5	1	5.7	1.9	2691	19821	99.7	9.2	17
307004	20/Dec	18:40		30.4	988	494	290	6.5	321	20.4	30.4	1086	543	326	6.5	18.5	30.7	5.0	2.5	1	5.7	1.9	2688	19821	99.7	9.2	17

ELEMENT / TESTED										FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										FROGPOOL WATER PARAMETERS										OTHER DATA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Serial Number	Date	Line	Inlet Temp	Cond	ID5	Cl- ppa	pH	Inlet PSI	F Flow GPM	M Flow : deg C	Temp	Cond	ID5	Cl- ppa	pH	M Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Cl- ppa	pH	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F Flow : deg C	Temp	Cond	ID5	Meas Cl- ppa	F Flow GPM	F

[illegible]

ELEMENT /TESTED		FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA			
Serial Number	Date /Time	Temp	Cond	IDIS	Cl-	pH	Inlet F	Flow	GFM	deg C	Temp	Cond	IDIS	Cl-	pH	M Flow	Temp	Cond	IDIS	Meas Cl	P Flow	GFM	Flow	F Flow	Cl-	Per.	Delta								
		: deg C	: uoahs	: ppa	:		psi			: deg C	: uoahs	: ppa	:			GFM	: deg C	: uoahs	: ppa		GFM	: deg C	: uoahs	: ppa		Rej	Rec.								
307014	30/Dec 16:5	25.1	1066	503	300	6.7	321	20.31	25.1	1068	549	379	6.7	18.61	25.1	5.5	2.75	1	6.0	1.7	2475	20412	99.7	8.5	8										
307014	30/Dec 16:20	24.9	1019	510	300	6.7	321	20.41	24.9	1110	555	333	6.7	18.71	24.9	5.5	2.75	1	6.0	1.7	2452	20421	99.7	8.1	7										
307014	30/Dec 16:20	24.9	1019	510	300	6.7	321	20.41	24.9	1111	556	333	6.7	18.71	24.9	5.5	2.75	1	6.0	1.7	2459	20479	99.7	8.4	8										
307014	30/Dec 16:20	24.9	1018	509	300	6.7	321	20.41	24.9	1110	555	333	6.7	18.71	24.9	5.5	2.75	1	6.0	1.7	2457	20462	99.7	8.4	8										
307014	30/Dec 16:21	24.9	1017	508	300	6.7	321	20.41	24.9	1109	554	332	6.7	18.71	24.9	5.5	2.75	1	6.0	1.7	2446	20371	99.7	8.3	7										
307014	30/Dec 16:26	25.0	1018	509	300	6.7	320	20.41	25.0	1111	556	333	6.7	18.71	25.0	5.5	2.75	1	6.0	1.7	2460	20654	99.7	8.4	6										
307014	30/Dec 16:26	25.0	1020	510	300	6.7	320	20.41	25.0	1113	556	334	6.7	18.71	25.0	5.5	2.75	1	6.0	1.7	2460	20654	99.7	8.4	7										
307014	30/Dec 16:26	25.2	1012	506	300	6.7	319	20.31	25.2	1104	552	331	6.7	18.61	25.2	5.5	2.75	1	6.0	1.7	2461	20651	99.7	8.5	6										
307014	30/Dec 16:35	24.9	1019	510	300	6.7	322	20.41	24.9	1111	556	333	6.7	18.71	24.9	5.5	2.75	1	6.0	1.7	2464	20521	99.7	8.4	8										
307014	30/Dec 16:50	25.1	1004	502	300	6.7	320	20.31	25.1	1095	548	328	6.7	18.61	25.1	5.5	2.75	1	6.0	1.7	2459	20479	99.7	8.4	6										
307014	30/Dec 17:5	25.0	1019	510	300	6.7	321	20.41	25.0	1110	555	333	6.7	18.71	25.0	5.5	2.75	1	6.0	1.7	2459	20479	99.7	8.4	7										
307014	30/Dec 17:6	25.0	1018	509	300	6.7	321	20.41	25.0	1110	555	333	6.7	18.71	25.0	5.5	2.75	1	6.0	1.7	2459	20479	99.7	8.4	6										
307014	30/Dec 17:6	25.0	1019	510	300	6.7	321	20.41	25.0	1110	555	333	6.7	18.71	25.0	5.5	2.75	1	6.0	1.7	2459	20479	99.7	8.4	8										
307010	30/Dec 17:20	25.0	1020	510	300	6.7	320	20.31	25.0	1109	554	333	6.7	18.71	25.0	5.5	2.75	1	6.0	1.6	2372	19755	99.7	8.1	19										
307010	30/Dec 17:35	24.9	1020	510	300	6.7	321	20.31	24.9	1108	554	332	6.7	18.71	24.8	5.5	2.75	1	6.0	1.6	2349	19563	99.7	8.0	19										
307010	30/Dec 17:50	25.1	1019	510	300	6.7	321	20.31	25.1	1107	554	332	6.7	18.71	25.1	5.5	2.75	1	6.0	1.6	2368	19721	99.7	8.1	19										
307010	30/Dec 17:50	25.1	1020	510	300	6.7	320	20.31	25.1	1108	554	332	6.7	18.71	25.1	5.5	2.75	1	6.0	1.6	2370	19738	99.7	8.1	18										
307010	30/Dec 17:51	25.1	1008	504	300	6.7	320	20.31	25.1	1095	546	328	6.7	18.71	25.1	5.5	2.75	1	6.0	1.6	2364	19665	99.7	8.1	18										
307010	30/Dec 18:5	24.9	1021	510	300	6.7	320	20.31	24.9	1109	554	333	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2356	19621	99.7	8.0	19										
307010	30/Dec 18:20	25.1	1067	504	300	6.7	320	20.31	25.1	1094	547	328	6.7	18.71	25.1	5.5	2.75	1	6.0	1.6	2354	19605	99.7	8.0	15										
307010	30/Dec 18:35	25.0	1019	510	300	6.7	320	20.31	25.0	1107	554	332	6.7	18.71	25.0	5.5	2.75	1	6.0	1.6	2344	19521	99.7	8.0	18										
307010	30/Dec 18:50	25.0	1022	511	300	6.7	320	20.31	25.0	1110	555	333	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2347	19548	99.7	8.0	18										
307010	30/Dec 19:5	25.1	1019	510	300	6.7	321	20.31	25.1	1107	554	332	6.7	18.71	25.0	5.5	2.75	1	6.0	1.6	2360	19655	99.7	8.1	18										
307010	30/Dec 19:33	25.0	1019	510	300	6.7	320	20.31	25.0	1106	553	332	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2341	19496	99.7	8.0	17										
307010	30/Dec 19:48	25.0	1014	507	300	6.7	321	20.31	25.0	1101	550	331	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2343	19513	99.7	8.0	18										
307010	30/Dec 20:3	25.1	1022	511	300	6.7	320	20.31	25.1	1110	555	332	6.7	18.71	25.1	5.5	2.75	1	6.0	1.6	2351	19560	99.7	8.0	18										
307010	30/Dec 20:18	25.0	1018	509	300	6.7	320	20.31	25.0	1106	553	332	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2351	19580	99.7	8.0	17										
307010	30/Dec 20:33	25.1	1007	504	300	6.7	319	20.31	25.1	1094	547	328	6.7	18.71	25.0	5.5	2.75	1	6.0	1.6	2353	19596	99.7	8.0	17										
307010	30/Dec 20:33	25.1	1008	504	300	6.7	319	20.31	25.1	1094	547	328	6.7	18.71	25.0	5.5	2.75	1	6.0	1.6	2332	19421	99.7	8.0	17										
307010	30/Dec 20:33	25.0	1016	508	300	6.7	321	20.31	25.0	1103	552	331	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2332	19421	99.7	8.0	17										
307010	30/Dec 20:33	25.0	1016	508	300	6.7	321	20.31	25.0	1103	552	331	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2340	19488	99.7	8.0	17										
307010	30/Dec 20:33	25.0	1018	509	300	6.7	321	20.31	25.0	1105	552	331	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2340	19488	99.7	8.0	17										
307010	30/Dec 20:34	24.9	1018	509	300	6.7	322	20.31	24.9	1105	552	332	6.7	18.71	24.8	5.5	2.75	1	6.0	1.6	2338	19471	99.7	8.0	18										
307010	30/Dec 20:48	25.0	1021	510	300	6.7	321	20.31	25.0	1109	554	333	6.7	18.71	25.0	5.5	2.75	1	6.0	1.6	2349	19563	99.7	8.0	17										
307010	30/Dec 21:3	24.9	1020	510	300	6.7	321	20.31	24.9	1107	554	332	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2348	19555	99.7	8.0	17										
307010	30/Dec 21:3	24.9	1020	510	300	6.7	321	20.31	24.9	1107	554	332	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2342	19505	99.7	8.0	18										
307010	30/Dec 21:3	24.9	1021	510	300	6.7	320	20.31	24.9	1108	554	333	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2345	19530	99.7	8.0	17										
307010	30/Dec 21:3	25.0	1020	510	300	6.7	320	20.31	25.0	1108	554	332	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2339	19480	99.7	8.0	17										
307010	30/Dec 21:18	25.1	1004	502	300	6.7	320	20.31	25.1	1090	545	327	6.7	18.71	25.0	5.5	2.75	1	6.0	1.6	2356	19455	99.7	8.0	18										
307010	30/Dec 21:33	25.0	1021	510	300	6.7	319	20.31	25.0	1108	554	332	6.7	18.71	25.0	5.5	2.75	1	6.0	1.6	2340	19468	99.7	8.0	17										
307010	30/Dec 21:48	24.9	1020	510	300	6.7	320	20.31	24.9	1107	554	332	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2336	19455	99.7	8.0	17										
307010	30/Dec 21:48	24.9	1021	510	300	6.7	321	20.31	24.9	1108	554	332	6.7	18.71	24.9	5.5	2.75	1	6.0	1.6	2344	19521	99.7	8.0	17										

[illegible]

ELEMENTS TESTED						FEED WATER PARAMETERS							BRINE STREAM PARAMETERS								PRODUCT WATER PARAMETERS									OTHER DATA			
Serial Number	Date	Line	Inlet Temp	Cond	IDS	Cl- ppm	pH	Inlet PSI	GFM	Film	Temp	Cond	IDS	Cl- ppm	pH	GFM	Film	Temp	Cond	IDS	Cl- ppm	pH	GFM	Film	Flow	Cl- Percent	Delta D psi						
307001	23/Dec	1:50	25.2	998	499	299	0.0	370	21.31	25.2	1079	539	324	0.0	19.71	24.9	8	4	3	0.0	1.6	2326	19271		99.2	7.6	6						
307001	23/Dec	2:5	25.4	1000	500	300	0.0	370	21.31	25.4	1081	541	324	0.0	19.71	25.0	8	4	3	0.0	1.6	2330	19404		99.2	7.6	6						
307001	23/Dec	2:20	25.2	992	496	298	0.0	371	21.31	25.2	1072	536	322	0.0	19.71	25.0	8	4	3	0.0	1.6	2313	19261		99.1	7.5	7						
307001	23/Dec	2:55	25.2	999	499	300	0.0	370	21.31	25.2	1077	540	324	0.0	19.71	24.8	8	4	3	0.0	1.6	2317	19276		99.2	7.6	5						
307001	23/Dec	2:50	25.3	997	498	299	0.0	369	21.31	25.3	1078	539	323	0.0	19.71	24.9	8	4	3	0.0	1.6	2375	19363		99.2	7.6	6						
307001	23/Dec	3:5	25.3	986	493	296	0.0	371	21.31	25.3	1066	533	320	0.0	19.71	25.0	8	4	3	0.0	1.6	2321	19271		99.1	7.6	6						
307001	23/Dec	3:20	25.2	999	500	300	0.0	371	21.31	25.2	1060	540	324	0.0	19.71	24.8	8	4	3	0.0	1.6	2316	19268		99.2	7.5	7						
307001E	23/Dec	3:35	25.1	1007	503	302	0.0	370	21.41	25.1	1076	548	329	0.0	19.53	24.9	9	4	3	0.0	1.8	2533	210453		99.2	8.2	7						
307018	23/Dec	3:50	25.2	993	496	298	0.0	371	21.41	25.2	1081	541	324	0.0	19.61	24.8	9	4	3	0.0	1.8	2539	211451		99.1	8.3	8						
307018	23/Dec	4:6	25.4	993	497	298	0.0	370	21.41	25.4	1082	541	325	0.0	19.61	25.0	8	4	3	0.0	1.8	2536	211201		99.1	8.2	8						
307018	23/Dec	4:20	25.1	995	497	298	0.0	372	21.31	25.1	1082	541	325	0.0	19.61	24.9	9	4	3	0.0	1.7	2508	206871		99.1	8.2	8						
307018	23/Dec	4:35	25.2	1000	500	300	0.0	370	21.31	25.2	1088	544	326	0.0	19.61	24.8	8	4	3	0.0	1.7	2503	206451		99.2	8.1	8						
307018	23/Dec	4:50	25.3	999	500	300	0.0	371	21.31	25.3	1088	544	326	0.0	19.61	24.9	9	4	3	0.0	1.7	2480	206541		99.2	8.1	7						
307018	23/Dec	5:5	25.1	995	497	298	0.0	371	21.31	25.1	1081	541	324	0.0	19.61	25.0	8	4	3	0.0	1.7	2466	205621		99.1	8.0	7						
307018	23/Dec	5:20	25.2	996	498	299	0.0	372	21.31	25.2	1083	542	325	0.0	19.61	24.8	8	4	3	0.0	1.7	2491	207451		99.2	8.1	8						
307018	23/Dec	5:35	25.3	999	499	300	0.0	369	21.31	25.3	1086	543	326	0.0	19.61	25.0	8	4	3	0.0	1.7	2466	207031		99.2	8.1	7						
307018	23/Dec	5:50	25.3	9																													

ELEMENT/TESTED										FEED WATER PARAMETERS					BRINE STREAM PARAMETERS					PRODUCT WATER PARAMET					OTHER DATA				
Serial	Date	Time	Temp	Cond	TDS	Cl-	ph	Inlet Flow	psi	GPM	Temp	Cond	TDS	Cl-	ph	Flow	Temp	Cond	TDS	Cl-	ph	Flow	Temp	Cond	TDS	Cl-	Percent Delta		
Number			deg C	uohms	ppm	ppm					deg C	uohms	ppm	ppm			deg C	uohms	ppm	ppm		GPM	deg C	uohms	ppm	ppm	Rej. Recov. psi		
307018	24/Dec	5:19	24.9	993	496	298	0.0	369	21.4	24.9	1077	539	323	0.0	19.7	24.9	8	4	2	0.0	1.7	2443	20345	99.2	7.9	7			
307018	24/Dec	5:34	25.1	997	499	299	0.0	371	21.3	25.1	1084	542	325	0.0	19.6	25.1	8	4	2	0.0	1.7	2464	20520	99.2	8.0	7			
307018	24/Dec	5:49	24.9	996	498	299	0.0	370	21.3	24.9	1082	541	325	0.0	19.6	24.9	8	4	2	0.0	1.7	2443	20345	99.2	8.0	7			
307018	24/Dec	6:1	25.1	994	497	298	0.0	369	21.3	25.1	1080	540	324	0.0	19.6	25.1	8	4	2	0.0	1.7	2455	20445	99.2	8.0	6			
307018	24/Dec	6:19	24.8	996	498	299	0.0	371	21.4	24.8	1081	540	324	0.0	19.7	24.9	8	4	2	0.0	1.7	2446	20370	99.2	7.9	7			
307018	24/Dec	6:34	25.1	994	497	298	0.0	369	21.4	25.1	1079	540	324	0.0	19.7	25.1	8	4	2	0.0	1.7	2440	20320	99.2	7.9	7			
307018	24/Dec	6:49	24.8	996	498	299	0.0	371	21.4	24.8	1081	541	324	0.0	19.7	24.9	8	4	2	0.0	1.7	2441	20329	99.2	7.9	7			
307018	24/Dec	7:1	25.0	995	498	299	0.0	371	21.4	25.0	1081	540	324	0.0	19.7	25.1	8	4	2	0.0	1.7	2457	20462	99.2	8.0	7			
307018	24/Dec	7:19	24.9	998	499	299	0.0	369	21.4	24.9	1082	541	325	0.0	19.7	24.9	8	4	2	0.0	1.7	2427	20212	99.2	7.9	6			
307018	24/Dec	7:48	24.9	997	498	299	0.0	370	21.4	24.9	1081	540	324	0.0	19.7	24.9	8	4	2	0.0	1.7	2425	20195	99.2	7.9	7			
307018	24/Dec	8:3	25.1	986	493	296	0.0	370	21.4	25.1	1071	535	321	0.0	19.7	25.1	8	4	2	0.0	1.7	2447	20379	99.2	7.9	7			
307018	24/Dec	8:18	24.9	996	498	299	0.0	370	21.4	24.9	1080	540	324	0.0	19.7	24.9	8	4	2	0.0	1.7	2436	20287	99.2	7.9	6			
307018	24/Dec	8:33	25.1	982	491	295	0.0	370	21.4	25.1	1066	533	320	0.0	19.7	25.1	8	4	2	0.0	1.7	2439	20312	99.2	7.9	6			
307018	24/Dec	9:1	24.9	995	498	299	0.0	369	21.4	24.9	1080	540	324	0.0	19.7	25.0	8	4	2	0.0	1.7	2425	20195	99.2	7.9	7			
307018	24/Dec	9:16	25.0	983	491	295	0.0	372	21.4	25.0	1066	533	320	0.0	19.7	25.1	8	4	2	0.0	1.7	2442	20337	99.2	7.9	7			
307018	24/Dec	9:31	24.9	996	498	299	0.0	371	21.3	24.9	1081	540	324	0.0	19.6	24.9	8	4	2	0.0	1.7	2432	20254	99.2	7.9	6			
307018	24/Dec	9:46	25.1	985	493	296	0.0	370	21.3	25.1	1069	535	321	0.0	19.6	25.1	8	4	2	0.0	1.7	2432	20254	99.2	7.9	7			
307018	24/Dec	10:1	24.9	994	497	298	0.0	371	21.4	24.9	1079	539	324	0.0	19.7	24.9	8	4	2	0.0	1.7	2436	20287	99.2	7.9	7			
307018	24/Dec	10:16	25.1	985	492	295	0.0	370	21.4	25.1	1068	534	320	0.0	19.7	25.1	8	4	2	0.0	1.7	2429	20229	99.2	7.9	7			

ELEMENTS TESTED						FEED WATER PARAMETERS							BRINE STREAM PARAMETERS								PRODUCT WATER PARAMETERS									OTHER DATA			
Serial Number	Date	Time	Temp	Cond	TDS	pH	Inlet F	Flow	Temp	Cond	TDS	Cl-	pH	M Flow	Temp	Cond	TDS	Meas Cl	pH	P Flow	Temp	Cond	TDS	Cl-	Per.	Delta							
			deg C	uohms	ppm		psi	GPM	deg C	uohms	ppm	ppm		GPM	deg C	uohms	ppm	ppm		GPM	deg C	uohms	ppm	ppm	l/day	Rec.	psi						
307008	31/Dec	9:14	24.1	1028	514	305	6.5	322	20.1	24.1	1139	570	342	6.5	18.1	24.1	4.7	2.4	1	5.3	2.0	2850	23735	99.7	9.9	8							
307008	31/Dec	9:17	24.3	1013	506	305	6.5	320	20.1	24.3	1122	561	337	6.5	18.1	24.2	4.7	2.4	1	5.4	2.0	2855	23777	99.7	9.9	7							
307008	31/Dec	9:32	24.9	1020	510	305	6.5	323	20.4	24.9	1129	564	339	6.5	18.4	24.8	4.7	2.4	1	5.4	2.0	2866	23868	99.7	9.8	9							
307008	31/Dec	9:47	25.0	1035	518	305	6.5	321	20.5	25.0	1144	572	343	6.5	18.5	25.0	4.7	2.4	1	5.5	2.0	2845	23853	99.7	9.6	9							
307008	31/Dec	10:2	24.9	1014	507	305	6.5	321	20.4	24.9	1118	559	335	6.5	18.5	24.8	4.7	2.4	1	5.6	1.9	2788	23219	99.7	9.5	10							
307008	31/Dec	10:17	25.0	1010	505	305	6.6	319	20.4	25.0	1114	557	334	6.6	18.5	25.0	4.7	2.4	1	5.6	1.9	2786	23219	99.7	9.5	9							
307008	31/Dec	10:32	25.0	992	466	305	6.6	320	20.4	25.0	1093	546	326	6.6	18.5	25.0	4.7	2.4	1	5.7	1.9	2755	22977	99.7	9.4	9							
307008	31/Dec	10:47	25.0	1016	505	305	6.6	321	20.4	25.0	1114	557	334	6.6	18.5	25.0	4.7	2.4	1	5.7	1.9	2771	23277	99.7	9.4	8							
307008	31/Dec	11:2	25.1	969	494	305	6.7	321	20.4	25.1	1090	545	327	6.7	18.5	25.0	4.7	2.3	1	5.7	1.9	2755	22944	99.7	9.4	9							
307008	31/Dec	11:14	25.1	984	492	305	6.7	323	20.4	25.1	1084	542	325	6.7	18.5	25.1	4.7	2.3	1	5.7	1.9	2763	23010	99.7	9.4	8							
307008	31/Dec	11:33	25.0	1002	501	305	6.7	321	20.4	25.0	1102	552	331	6.7	18.5	24.9	4.7	2.4	1	5.8	1.9	2770	22653	99.7	9.3	8							
307008	31/Dec	11:48	25.0	1017	508	305	6.7	320	20.4	25.0	1119	560	336	6.7	18.5	25.0	4.6	2.3	1	5.8	1.9	2770	22652	99.7	9.3	8							
307008	31/Dec	12:16	25.0	1023	512	305	6.7	321	20.4	25.0	1125	562	338	6.7	18.5	25.0	4.7	2.3	1	5.8	1.9	2719	22644	99.7	9.3	8							
307008	31/Dec	12:35	25.1	1010	505	305	6.7	321	20.4	25.1	1110	555	333	6.7	18.5	25.1	4.6	2.3	1	5.8	1.9	2699	22477	99.7	9.2	8							
307008	31/Dec	12:48	24.9	1021	510	305	6.7	320	20.4	24.9	1123	562	337	6.7	18.5	24.9	4.7	2.3	1	5.8	1.9	2687	22377	99.7	9.2	9							
307008	31/Dec	13:3	25.1	1018	509	305	6.7	320	20.4	25.1																							

ELEMENT/TESTED			FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA			
Ser.	al	Date	Time	Inlet F Flow	Temp	psi	ph	Cl-	IOS	Cond	ppm	deg C	leap	BPM	deg C	ph	M Flow	Temp	psi	ph	Cl-	IOS	Cond	ppm	deg C	leap	BPM	deg C	P Flow	F Flow	Flow	Rej	Rec.	Delta		
Mux																																				
307013	31/Dec	22:36	:	24.9	1040	520	305	7.0	321	20.31	24.9	1118	559	335	7.0	18.91	24.9	4.6	2.3	1	6.5	1.4	2071	17247	99.7	7.1	15									
307013	31/Dec	22:51	:	25.1	1023	512	305	7.0	321	20.31	25.1	1100	550	330	7.0	18.91	25.1	4.6	2.3	1	6.5	1.4	2079	17141	99.7	7.1	16									
307013	31/Dec	23: 6	:	24.9	1029	514	305	7.0	320	20.31	24.9	1105	552	332	7.0	18.91	24.9	4.6	2.3	1	6.5	1.4	2060	17156	99.7	7.0	14									
307013	31/Dec	23:21	:	25.1	1052	526	305	7.0	320	20.31	25.1	1131	566	339	7.0	18.91	25.1	4.6	2.3	1	6.5	1.4	2073	17264	99.7	7.1	15									
307013	31/Dec	23:36	:	24.9	1044	522	305	7.0	320	20.31	24.9	1122	561	337	7.0	18.91	24.9	4.6	2.3	1	6.5	1.4	2059	17147	99.7	7.0	15									
307013	31/Dec	23:53	:	25.1	1029	514	305	7.0	321	20.31	25.1	1106	553	332	7.0	18.91	25.1	4.6	2.3	1	6.5	1.4	2075	17281	99.7	7.1	15									
307013	1/Jan	0: 6	:	25.0	1047	524	305	7.0	321	20.31	25.0	1125	562	338	7.0	18.91	24.9	4.6	2.3	1	6.5	1.4	2062	17172	99.7	7.0	16									
307013	1/Jan	0:21	:	25.0	1047	524	305	7.0	319	20.31	25.0	1125	562	337	7.0	18.91	25.0	4.6	2.3	1	6.5	1.4	2060	17156	99.7	7.0	15									
307013	1/Jan	0:45	:	24.9	1046	523	305	7.0	320	20.31	24.9	1124	562	337	7.0	18.91	24.9	4.6	2.3	1	6.5	1.4	2059	17147	99.7	7.0	15									
307013	1/Jan	1:16	:	25.1	1050	525	305	7.0	320	20.41	25.1	1118	559	335	7.0	19.11	25.1	4.7	2.3	1	6.6	1.3	1814	15167	99.7	6.2	20									
307011	1/Jan	1:30	:	25.0	1046	523	305	7.0	320	20.31	25.0	1113	556	334	7.0	19.11	24.9	4.6	2.3	1	6.6	1.2	1791	14915	99.7	6.1	20									
307011	1/Jan	1:45	:	25.0	1049	524	305	7.0	321	20.31	25.0	1117	558	335	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1797	14965	99.7	6.1	20									
307011	1/Jan	2: 0	:	25.1	1036	518	305	7.0	321	20.41	25.1	1103	552	331	7.0	19.11	25.1	4.6	2.3	1	6.6	1.3	1801	14999	99.7	6.1	19									
307011	1/Jan	2:15	:	24.9	1046	524	305	7.0	320	20.31	24.9	1116	558	335	7.0	19.11	24.9	4.6	2.3	1	6.6	1.3	1798	14974	99.7	6.1	15									
307011	1/Jan	2:30	:	25.1	1036	518	305	7.0	320	20.41	25.1	1102	551	331	7.0	19.11	25.1	4.6	2.3	1	6.6	1.3	1801	14999	99.7	6.1	20									
307011	1/Jan	2:45	:	24.9	1049	524	305	7.0	320	20.31	24.9	1116	558	335	7.0	19.11	24.9	4.6	2.3	1	6.6	1.2	1783	14849	99.7	6.1	20									
307011	1/Jan	3: 0	:	25.1	1051	526	305	7.0	320	20.31	25.1	1118	559	335	7.0	19.11	25.1	4.6	2.3	1	6.6	1.2	1790	14907	99.7	6.1	20									
307011	1/Jan	3:15	:	24.9	1049	524	305	7.0	320	20.31	24.9	1116	558	335	7.0	19.11	24.9	4.6	2.3	1	6.6	1.2	1781	14872	99.7	6.1	20									
307011	1/Jan	3:30	:	25.0	1048	524	305	7.0	321	20.31	25.0	1116	558	335	7.0	19.11	25.1	4.6	2.3	1	6.6	1.2	1756	14957	99.7	6.1	20									
307011	1/Jan	3:45	:	25.0	1050	525	305	7.0	321	20.31	25.0	1116	558	335	7.0	19.11	24.9	4.6	2.3	1	6.7	1.2	1770	14740	99.7	6.0	20									
307011	1/Jan	4: 0	:	24.9	1048	524	305	7.0	321	20.31	24.9	1115	558	334	7.0	19.11	24.9	4.6	2.3	1	6.6	1.2	1785	14865	99.7	6.1	20									
307011	1/Jan	4:12	:	25.0	1048	524	305	7.0	320	20.31	25.0	1115	558	335	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1784	14857	99.7	6.1	20									
307011	1/Jan	4:27	:	25.1	1032	516	305	7.0	321	20.31	25.1	1098	549	329	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1784	14857	99.7	6.1	20									
307011	1/Jan	4:43	:	25.0	1046	523	305	7.0	321	20.31	25.0	1112	556	334	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1779	14815	99.7	6.1	20									
307011	1/Jan	5:12	:	24.9	1049	524	305	7.0	321	20.31	24.9	1115	558	335	7.0	19.11	24.8	4.6	2.3	1	6.7	1.2	1778	14807	99.7	6.1	20									
307011	1/Jan	5:27	:	25.0	1046	523	305	7.0	320	20.31	25.0	1113	556	334	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1774	14774	99.7	6.1	20									
307011	1/Jan	5:41	:	2.4	1003	502	305	7.0	320	20.31	2.4	1067	534	320	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1775	14782	99.7	6.1	20									
307011	1/Jan	5:56	:	24.9	1025	512	305	7.0	320	20.31	24.9	1050	545	327	7.0	19.11	24.9	4.6	2.3	1	6.6	1.2	1776	14790	99.7	6.1	20									
307011	1/Jan	6:11	:	25.1	1022	511	305	7.0	319	20.31	25.1	1086	543	326	7.0	19.11	25.1	4.6	2.3	1	6.7	1.2	1766	14707	99.7	6.0	20									
307011	1/Jan	6:26	:	24.9	1023	512	305	7.0	319	20.31	24.9	1087	544	326	7.0	19.11	24.8	4.6	2.3	1	6.7	1.2	1767	14715	99.7	6.0	19									
307011	1/Jan	6:46	:	25.3	1015	508	305	7.0	320	20.31	25.3	1080	540	324	7.0	19.11	25.3	4.6	2.3	1	6.7	1.2	1768	14890	99.7	6.1	20									
307011	1/Jan	6:56	:	24.9	1023	512	305	7.0	322	20.31	24.9	1088	544	326	7.0	19.11	24.9	4.7	2.3	1	6.7	1.2	1763	14682	99.7	6.0	21									
307011	1/Jan	7:11	:	25.1	1026	513	305	7.0	321	20.31	25.1	1092	546	328	7.0	19.11	25.1	4.7	2.3	1	6.7	1.2	1768	14850	99.7	6.1	19									
307011	1/Jan	7:26	:	24.9	1037	518	305	7.0	321	20.31	24.9	1102	551	331	7.0	19.11	24.8	4.7	2.3	1	6.7	1.2	1762	14674	99.7	6.0	20									
307011	1/Jan	7:41	:	25.0	1022	511	305	7.0	321	20.31	25.0	1087	544	326	7.0	19.11	25.0	4.7	2.3	1	6.7	1.2	1776	14790	99.7	6.1	20									
307011	1/Jan	7:56	:	25.1	1004	502	305	7.0	320	20.31	25.1	1067	534	320	7.0	19.11	25.0	4.6	2.3	1	6.7	1.2	1762	14674	99.7	6.0	19									
307011	1/Jan	8:17	:	25.0	1013	506	305	7.0	321	20.31	25.0	1077	538	323	7.0	19.11	25.0	4.6	2.3	1	6.7	1.2	1771	14749	99.7	6.0	20									
307011	1/Jan	8:32	:	25.1	1008	504	305	7.0	320	20.31	25.1	1072	536	322	7.0	19.11	25.1	4.6	2.3	1	6.7	1.2	1768	14724	99.7	6.0	20									
307011	1/Jan	8:47	:	24.9	1018	509	305	7.0	321	20.31	24.9	1082	541	325	7.0	19.11	24.9	4.6	2.3	1	6.7	1.2	1759	14649	99.7	6.0	20									
307008	1/Jan	9: 2	:	24.8	1026	513	305	6.9	322	20.41	24.8	1126	563	338	6.9	18.61	25.0	4.7	2.3	1	6.1	1.8	2640	21986	99.7	9.0	8									
307008	1/Jan	9:17	:	24.9	1019	510	305	6.9	321	20.41	24.9	1117	558	335	6.9	18.61	25.0	4.6	2.3	1	6.0	1.8	2613	21761	99.7	8.9	8									
307008	1/Jan	9:46	:	24.9	1022	511	305	6.9	320	20.41	24.9	1119	560	336	6.9	18.61	24.9	4.6	2.3	1	6.0	1.8	2578	21470	99.7	8.8	8									
307008	1/Jan	10: 1	:	25.0	1027	514	305	6.9	320	20.41	25.0	1124	562	337	6.9	18.61	25.1	4.6	2.3	1	6.0	1.8	2585	21528	99.7	8.8	8									
307008	1/Jan	10:16	:	24.9	1034	517	305	6.9	322	20.41	24.9	1132	566	340	6.9	18.61	24.8	4.6	2.3	1	6.0	1.8	2584	21520	99.7	8.8	8									
307008	1/Jan	10:31	:	25.0	1033	516	305	6.9	319	20.41	25.0	1131	566	339	6.9	18.61	25.0	4.6	2.3	1	6.0	1.8	2573	21428	99.7	8.8	8									
307008	1/Jan	11: 2	:	25.1	989	494	305	6.7	321	20.41	25.1	1090	545	327	6.7	18.51																				

ELEMENT/TESTED										FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA									
Serial	Date	Line	Temp	Cond	IDS	Cl-	ph	Inlet F Flow	leap	Cond	IDS	U-	ph	M Flow	leap	Cond	IDS	Reas	Cl	ph	F Flow	P Flow	F Flow	Cl	Re	fer.	Della																						
Number			deg C	uachs	ppa	ppa		psi	GPM	deg C	uachs	ppa	ppa	GPM	deg C	uachs	ppa	ppa	ppa	ppa	GPM	GPD	lb/day	Re	Rec.	psi																							
307008	1/Jan 13:18		24.9	1030	515	305	6.8	320	20.4	24.9	1133	566	340	6.8	18.5	24.9	4.6	2.3	1	5.8	1.9	2564	21351	95.7	9.2	7																							
307008	1/Jan 13:33		25.1	1031	516	305	6.8	320	20.4	25.1	1133	566	340	6.8	18.5	25.1	4.6	2.3	1	5.8	1.9	2575	214451	99.7	9.2	8																							
307008	1/Jan 13:48		24.9	1019	510	305	6.8	320	20.3	24.9	1170	560	336	6.8	18.5	24.9	4.6	2.3	1	5.9	1.8	2567	212781	99.7	9.1	8																							
307008	1/Jan 14: 3		25.1	1018	509	305	6.8	320	20.4	25.1	1119	560	336	6.8	18.5	25.1	4.6	2.3	1	5.9	1.9	2577	214611	99.7	9.2	8																							
307008	1/Jan 14:18		24.9	1028	514	305	6.8	322	20.4	24.9	1130	565	339	6.8	18.5	24.9	4.6	2.3	1	5.9	1.9	2679	223111	99.7	9.1	8																							
307008	1/Jan 14:33		25.1	1017	508	305	6.8	321	20.4	25.1	1117	558	335	6.8	18.5	25.1	4.6	2.3	1	5.9	1.9	2580	214861	99.7	9.1	8																							
307008	1/Jan 14:48		24.9	1020	510	305	6.8	321	20.4	24.9	1120	560	336	6.8	18.6	24.9	4.6	2.3	1	5.9	1.8	2584	215201	99.7	9.0	9																							
307008	1/Jan 15: 3		25.1	1040	520	305	6.8	321	20.4	25.1	1143	572	345	6.8	18.5	25.1	4.6	2.3	1	5.9	1.9	2583	215111	99.7	9.1	6																							
307008	1/Jan 15:18		24.9	1036	518	305	6.8	321	20.3	24.9	1137	568	341	6.8	18.5	24.9	4.6	2.3	1	5.9	1.8	2581	214951	99.7	9.0	8																							
307008	1/Jan 15:33		25.0	1029	514	305	6.8	321	20.3	25.0	1130	565	339	6.8	18.5	25.1	4.6	2.3	1	5.9	1.8	2576	214531	99.7	9.1	8																							
307008	1/Jan 15:48		24.9	1024	512	305	6.8	320	20.3	24.9	1124	562	337	6.8	18.5	24.8	4.6	2.3	1	5.9	1.8	2584	215201	99.7	9.0	7																							
307008	1/Jan 16: 3		25.0	1024	512	305	6.8	321	20.3	25.0	1124	562	337	6.8	18.5	25.0	4.6	2.3	1	5.9	1.8	2516	207531	99.7	9.1	8																							
307008	1/Jan 16:18		24.9	1021	510	305	6.8	320	20.3	24.9	1120	560	336	6.8	18.5	24.8	4.6	2.3	1	5.9	1.8	2575	214451	99.7	9.0	8																							
307008	1/Jan 16:33		25.0	1031	516	305	6.8	319	20.3	25.0	1131	566	339	6.8	18.5	25.0	4.6	2.3	1	5.9	1.8	2567	213781	99.7	9.0	7																							
307008	1/Jan 16:48		25.1	1014	507	305	6.8	321	20.4	25.1	1112	556	334	6.8	18.6	25.0	4.6	2.3	1	5.9	1.8	2568	213861	99.7	9.0	8																							
307013	1/Jan 17: 3		24.7	1040	520	305	6.8	320	20.4	24.7	1120	560	336	6.8	18.9	24.6	4.8	2.4	1	6.7	1.5	2056	171221	99.7	7.2	16																							
307013	1/Jan 17:18		24.9	1029	514	305	6.8	321	20.4	24.9	1108	554	333	6.8	18.9	24.8	4.7	2.3	1	6.5	1.5	2055	171141	99.7	7.3	16																							
307013	1/Jan 17:33		25.0	1034	527	305	6.8	320	20.3	25.0	1136	568	341	6.8	18.8	25.0	4.6	2.3	1	6.5	1.5	2048	170561	99.7	7.3	15																							
307013	1/Jan 17:48		24.9	1050	525	305	6.9	320	20.3	24.9	1130	565	339	6.9	18.8	24.8	4.6	2.3	1	6.5	1.5	2062	171721	95.7	7.2	16																							
307013	1/Jan 18: 3		25.1	1059	530	305	6.9	321	20.4	25.1	1141	570	342	6.9	18.9	25.1	4.6	2.3	1	6.5	1.5	2053	170971	99.7	7.3	15																							
307013	1/Jan 18:18		24.9	1024	512	305	6.9	321	20.4	24.9	1102	551	331	6.9	18.9	24.9	4.6	2.3	1	6.5	1.5	2056	171221	99.7	7.2	15																							
307013	1/Jan 18:33		25.1	1041	520	305	6.9	320	20.4	25.1	1120	560	336	6.9	18.9	25.1	4.6	2.3	1	6.5	1.5	2047	170471	99.7	7.2	15																							
307013	1/Jan 18:48		24.9	1036	518	305	6.9	321	20.4	24.9	1115	558	334	6.9	18.9	24.9	4.6	2.3	1	6.5	1.5	2071	172471	99.7	7.2	15																							
307013	1/Jan 19: 3		25.1	1035	518	305	6.9	321	20.4	25.1	1114	557	334	6.9	18.9	25.1	4.6	2.3	1	6.5	1.5	2065	171971	99.7	7.2	16																							
307013	1/Jan 19:18		24.9	1055	528	305	6.9	319	20.3	24.9	1135	568	340	6.9	18.9	24.9	4.6	2.3	1	6.5	1.4	2015	167811	99.7	7.1	15																							
307013	1/Jan 19:33		25.1	1027	514	305	6.9	319	20.4	25.1	1105	552	331	6.9	18.9	25.1	4.6	2.3	1	6.5	1.5	2036	169561	99.7	7.1	15																							
307013	1/Jan 19:48		24.9	1033	516	305	6.9	321	20.3	24.9	1111	556	333	6.9	18.9	24.9	4.6	2.3	1	6.5	1.4	2045	170311	99.7	7.1	16																							
307013	1/Jan 20: 3		25.1	1017	508	305	6.9	321	20.4	25.1	1094	547	328	6.9	18.9	25.1	4.6	2.3	1	6.5	1.5	2052	170631	95.7	7.2	16																							
307013	1/Jan 20:18		25.0	1040	520	305	6.9	321	20.3	25.0	1119	560	336	6.9	18.9	24.9	4.6	2.3	1	6.5	1.4	2061	171641	95.7	7.1	15																							
307013	1/Jan 20:33		25.1	1031	516	305	6.9	321	20.4	25.1	1109	554	333	6.9	18.9	25.1	4.6	2.3	1	6.5	1.5	2057	171311	95.7	7.1	15																							
307013	1/Jan 20:48		25.0	1048	524	305	6.9	321	20.4	25.0	1128	564	338	6.9	18.9	24.9	4.6	2.3	1	6.5	1.5	2051	170811	99.7	7.1	15																							
307013	1/Jan 21: 3		25.1	1024	512	305	6.9	320	20.3	25.1	1101	550	330	6.9	18.9	25.0	4.6	2.3	1	6.5	1.4	2035	169471	99.7	7.1	15																							
307013	1/Jan 21:18		25.0	1039	520	305	6.9	320	20.3	25.0	1118	559	335	6.9	18.9	25.0	4.6	2.3	1	6.5	1.4	2047	170471	99.7	7.1	15																							
307013	1/Jan 21:36		25.0	1021	510	305	6.9	321	20.3	25.0	1098	549	330	6.9	18.9	25.0	4.6	2.3	1	6.5	1.4	2045	170311	99.7	7.1	15																							
307013	1/Jan 21:52		24.9	1021	510	305	7.0	321	20.3	24.9	1098	549	329	7.0	18.9	24.8	4.6	2.3	1	6.5	1.4	2051	170811	99.7	7.1	15																							
307013	1/Jan 22: 6		24.9	1036	518	305	7.0	321	20.3	24.9	1114	557	334	7.0	18.9	24.9	4.6	2.3	1	6.5	1.4	2056	171221	99.7	7.1	15																							
307013	1/Jan 22:21		25.1	1015	508	305	7.0	321	20.3	25.1	1091	546	327	7.0	18.9	25.1	4.6	2.3	1	6.5	1.4	2053	170971	99.7	7.1	15																							
307013	1/Jan 22:36		24.9	1040	520	305	7.0	321	20.3	24.9	1118	557	335	7.0	18.9	24.9	4.6	2.3	1	6.5	1.4	2044	170221	99.7	7.1	15																							
307013	1/Jan 22:51		25.1	1023	512	305	7.0	321	20.3	25.1	1100	550	330	7.0	18.9	25.1	4.6	2.3	1	6.5	1.4	2046	170391	99.7	7.1	16																							
307013	1/Jan 23: 6		24.9	1029	514	305	7.0	320	20.3	24.9	1105	552	332	7.0	18.9	24.9	4.6	2.3	1	6.5	1.4	2047	170471	99.7	7.0	14																							
307013	1/Jan 23:21		25.1	1052	526	305	7.0	320	20.3	25.1	1131	566	339	7.0	18.9	25.1	4.6	2.3	1	6.5	1.4	2037	169441	99.7	7.1	15																							
307013	1/Jan 23:36		24.9	1044	522	305	7.0	320	20.3	24.9	1122	561	337	7.0	18.9	24.9	4.6	2.3	1	6.5	1.4	2051	170811	99.7	7.0	15																							
307013	1/Jan 23:53		25.1	1029	514	305	7.0	321	20.3	25.1	1106	553	332	7.0	18.9	25.1	4.6	2.3	1	6.5	1.4	2052	170891	99.7	7.1	15																							
307013	2/Jan 0: 6		25.0	1047	524	305	7.0	321	20.3	25.0	1125	562	338	7.0	18.9	24.9	4.6	2.3	1	6.5	1.4	2046	170561	95.7	7.0	16																							
307013	2/Jan 0:21		25.0	1047	524	305	7.0	319	20.3	25.0	1125	562	337	7.0	18.9	25.0	4.6	2.3	1	6.5	1.4	2045	170311	99.7	7.0	15																							
307013	2/Jan 0:45		24.9	1046	523	305	7.0	320	20.3	24.9	1124	562	337	7.0	18.9	24.9	4.6	2.3	1	6.5	1.4	2043	170141	99.7	7.0	15																							
307011	2/Jan 1:16		25.1	1050	525	305	7.0	320	20.4	25.1	1118	559	335	7.0	19.1	25.1	4.7	2.3	1	6.6	1.3	1759	146491	99.7	6.2	20																							
307011	2/Jan 1:30		25.0	1046	523	305	7.0	320	20.3	25.0	1113	556	334	7.0	19.1	24.5	4.6	2.3	1	6.6	1.2	1765	146991	99.7	6.1	20																							
307011	2/Jan 1:45		25.0	1049	524	305	7.0	321	20.3	25.0	1117	558	335	7.0	19.1	25.0	4.6	2.3	1	6.6	1.2	1748	145571	99.7	6.1	20																							
307011	2/Jan 2: 0		25.1	1036	518	305	7.0	321	20.4	25.1	1103	555	331	7.0	19.1	25.1	4.6	2.3	1	6.6	1.3	1756	146341	99.7	6.1	19																							
307011	2/Jan 2:15		24.9	1048	524	305	7.0	320	20.3	24.9	1116	558	335	7.0	19.1	24.9	4.6	2.3	1	6.6	1.2	1761	146661	99.7	6.1	19																							
307011	2/Jan 2:30		25.1	1036	5																																												

ELEMENT/TESTED		FEED WATER PARAMETERS					BRINE STREAM PARAMETERS					PRODUCT WATER PARAMETERS					OTHER DATA										
Serial	Date	Time	Temp	Cond	TDS	CI-	ph	Inlet	Flow	Temp	Cond	TDS	CI-	ph	W Flow	Temp	Cond	TDS	Meas	CI	ph	P Flow	P Flow	P Flow	P Flow	Delta	
Number			deg C	uohms	ppa	ppa		psi	GPM	deg C	uohms	ppa	ppa		GPM	deg C	uohms	ppa	ppa				GPM	SPD	lb/day	Rej	Per.
307011	2/Jan	3:0	25.1	1051	526	305	7.0	320	20.31	25.1	1118	559	335	7.0	19.11	25.1	4.6	2.3	1	6.6	1.2	1762	14674	99.7	6.1	20	
307011	2/Jan	3:15	24.9	1049	524	305	7.0	320	20.31	24.9	1116	558	335	7.0	19.11	24.9	4.6	2.3	1	6.6	1.2	1753	14599	99.7	6.1	20	
307011	2/Jan	3:30	25.0	1048	524	305	7.0	321	20.31	25.0	1116	558	335	7.0	19.11	25.1	4.6	2.3	1	6.6	1.2	1748	14557	99.7	6.1	20	
307011	2/Jan	3:45	25.0	1050	525	305	7.0	321	20.31	25.0	1116	558	335	7.0	19.11	24.9	4.6	2.3	1	6.7	1.2	1746	14541	99.7	6.0	20	
307011	2/Jan	4:0	24.9	1046	524	305	7.0	321	20.31	24.9	1115	558	334	7.0	19.11	24.9	4.6	2.3	1	6.6	1.2	1751	14582	99.7	6.1	20	
307011	2/Jan	4:12	25.0	1048	524	305	7.0	320	20.31	25.0	1115	558	335	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1753	14599	99.7	6.1	20	
307011	2/Jan	4:27	25.1	1032	516	305	7.0	321	20.31	25.1	1058	549	329	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1750	14574	99.7	6.1	20	
307011	2/Jan	4:43	25.0	1046	523	305	7.0	321	20.31	25.0	1112	556	334	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1752	14591	99.7	6.1	20	
307011	2/Jan	5:12	24.9	1049	524	305	7.0	321	20.31	24.9	1115	558	335	7.0	19.11	24.8	4.6	2.3	1	6.7	1.2	1749	14566	99.7	6.1	20	
307011	2/Jan	5:27	25.0	1046	523	305	7.0	320	20.31	25.0	1113	556	334	7.0	19.11	25.0	4.6	2.3	1	6.6	1.2	1748	14557	99.7	6.1	20	
307011	2/Jan	5:41	2.4	1003	502	305	7.0	320	20.31	2.4	1067	534	320	7.0	19.11	1.7	4.6	2.3	1	6.6	1.2	1756	14574	99.7	6.1	20	
307011	2/Jan	5:56	24.9	1025	512	305	7.0	320	20.31	24.9	1096	545	327	7.0	19.11	24.9	4.6	2.3	1	6.6	1.2	1753	14599	99.7	6.1	20	
307011	2/Jan	6:11	25.1	1022	511	305	7.0	319	20.31	25.1	1086	543	326	7.0	19.11	25.1	4.6	2.3	1	6.7	1.2	1750	14574	99.7	6.0	20	
307011	2/Jan	6:26	24.9	1023	512	305	7.0	319	20.31	24.9	1087	544	326	7.0	19.11	24.8	4.6	2.3	1	6.7	1.2	1752	14591	99.7	6.0	19	
307011	2/Jan	6:46	25.3	1015	508	305	7.0	320	20.31	25.3	1080	540	324	7.0	19.11	25.3	4.6	2.3	1	6.7	1.2	1743	14516	99.7	6.1	20	
307011	2/Jan	6:56	24.9	1023	512	305	7.0	322	20.31	24.9	1088	544	326	7.0	19.11	24.9	4.7	2.3	1	6.7	1.2	1750	14574	99.7	6.0	21	
307011	2/Jan	7:11	25.1	1026	513	305	7.0	321	20.31	25.1	1092	546	328	7.0	19.11	25.1	4.7	2.3	1	6.7	1.2	1751	14582	99.7	6.1	19	
307011	2/Jan	7:26	24.9	1037	518	305	7.0	321	20.31	24.9	1102	551	331	7.0	19.11	24.8	4.7	2.3	1	6.7	1.2	1753	14599	99.7	6.0	20	
307011	2/Jan	7:41	25.0	1022	511	305	7.0	321	20.31	25.0	1087	544	326	7.0	19.11	25.0	4.7	2.3	1	6.7	1.2	1749	14566	99.7	6.1	20	
307011	2/Jan	7:56	25.1	1004	502	305	7.0	320	20.31	25.1	1067	534	320	7.0	19.11	25.0	4.6	2.3	1	6.7	1.2	1752	14591	99.7	6.0	19	
307011	2/Jan	8:17	25.0	1013	506	305	7.0	321	20.31	25.0	1077	538	323	7.0	19.11	25.0	4.6	2.3	1	6.7	1.2	1746	14541	99.7	6.0	20	
307011	2/Jan	8:32	25.1	1008	504	305	7.0	320	20.31	25.1	1072	536	322	7.0	19.11	25.1	4.6	2.3	1	6.7	1.2	1751	14582	99.7	6.0	20	
307011	2/Jan	8:47	24.9	1018	509	305	7.0	321	20.31	24.9	1082	541	325	7.0	19.11	24.9	4.6	2.3	1	6.7	1.2	1747	14549	99.7	6.0	20	

ELEMENT/TESTED										FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA									
Serial	Date	Line	Temp	Cond	IDS	Cl-	ph	Inlet F	Flow	psi	GPM	Temp	Cond	IDS	Cl-	ph	M Flow	Temp	Cond	IDS	Cl-	ph	P Flow	F Flow	F Flow	Delta																							
Number			deg C	uohs	ppa	ppa						deg C	uohs	ppa	ppa			deg C	uohs	ppa	ppa			GPM	GPD	lb/day	Rej																						
307012	2/Jan 12:1	1	18.9	970	485	291	6.2	323	20.31	18.9	569	464	251	6.2	18.9	18.7	4.7	2.4	1.6	5.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4																						
307012	2/Jan 12:16	1	25.0	996	498	299	6.2	323	20.31	25.0	995	498	298	6.2	18.9	25.0	4.7	2.4	1.4	5.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4																						
307012	2/Jan 12:31	1	25.1	1017	508	305	6.2	323	20.31	25.1	1016	508	305	6.2	19.0	25.1	4.7	2.3	1.5	6.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 12:46	1	24.9	1001	500	300	6.2	323	20.31	24.9	1000	500	300	6.2	19.0	24.9	4.6	2.3	1.4	6.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 13:1	1	25.0	1003	502	301	6.2	323	20.31	25.0	1002	501	301	6.2	19.0	25.0	4.6	2.3	1.3	6.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 13:16	1	25.0	1002	501	301	6.3	323	20.31	25.0	1001	500	300	6.3	19.0	24.9	4.7	2.3	1.4	6.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 12:31	1	25.0	1003	502	301	6.3	322	20.31	25.0	1002	501	301	6.3	19.0	25.0	4.6	2.3	1.4	6.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 13:46	1	25.1	999	500	300	6.3	321	20.31	25.1	998	499	299	6.3	19.0	25.1	4.7	2.3	1.5	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 14:1	1	24.9	1010	505	303	6.3	322	20.31	24.9	1009	504	303	6.3	19.0	24.9	4.7	2.3	1.4	6.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 14:16	1	25.1	1024	512	307	6.3	321	20.31	25.1	1023	512	307	6.3	19.0	25.1	4.7	2.3	1.3	6.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 14:31	1	24.9	1001	500	300	6.3	322	20.31	24.9	1000	500	300	6.3	19.0	24.9	4.7	2.3	1.3	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 14:46	1	25.0	993	496	298	6.3	321	20.31	25.0	992	496	298	6.3	19.0	25.0	4.7	2.3	1.2	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 15:1	1	25.0	1003	502	301	6.4	325	20.31	25.0	1002	501	300	6.4	19.0	24.9	4.6	2.3	1.3	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 15:16	1	24.9	1001	500	300	6.4	323	20.31	24.9	1000	500	300	6.4	19.0	24.9	4.6	2.3	1.7	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 15:31	1	25.1	1012	506	304	6.4	322	20.31	25.1	1011	506	303	6.4	19.0	25.1	4.7	2.4	1.3	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 15:46	1	24.9	1018	509	305	6.4	323	20.31	24.9	1017	508	305	6.4	19.0	24.9	4.6	2.3	1.2	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 16:1	1	25.0	1013	506	304	6.4	323	20.31	25.0	1012	506	304	6.4	19.0	25.0	4.6	2.3	1.1	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 16:16	1	25.1	997	496	299	6.4	322	20.31	25.1	996	496	299	6.4	19.0	25.0	4.6	2.3	1.1	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 16:31	1	24.9	1031	516	309	6.4	324	20.31	24.9	1030	515	309	6.4	19.0	24.9	4.6	2.3	1.0	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 16:46	1	25.1	1012	506	304	6.4	322	20.31	25.1	1011	506	303	6.4	19.0	25.1	4.6	2.3	1.0	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	2/Jan 17:1	1	24.9	1005	502	302	6.4	323	20.31	24.9	1004	502	301	6.4	19.0	24.9	4.6	2.3	1.0	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 17:11	1	-4.8	979	490	294	6.4	322	20.31	-4.8	978	489	293	6.4	19.0	-5.7	4.6	2.3	1.0	6.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 17:25	1	24.9	1006	503	302	6.5	322	20.31	24.9	1005	502	301	6.5	19.0	24.9	4.6	2.3	1.1	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 17:40	1	25.1	997	498	299	6.5	323	20.31	25.1	996	498	299	6.5	19.0	25.1	4.6	2.3	1.1	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 17:55	1	24.9	1000	500	300	6.5	323	20.31	24.9	999	500	300	6.5	19.0	24.9	4.6	2.3	1.2	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 18:10	1	25.0	1002	501	301	6.5	323	20.31	25.0	1001	500	300	6.5	19.0	25.1	4.6	2.3	1.2	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 18:25	1	24.9	997	498	299	6.5	323	20.31	24.9	996	498	299	6.5	19.0	24.9	4.6	2.3	1.3	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 18:40	1	25.0	992	496	298	6.5	322	20.31	25.0	991	496	297	6.5	19.0	25.0	4.6	2.3	1.2	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 18:55	1	25.0	1004	502	301	6.5	322	20.31	25.0	1003	502	301	6.5	19.0	24.9	4.6	2.3	1.4	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 19:10	1	25.0	995	498	298	6.5	323	20.31	25.0	994	497	298	6.5	19.0	25.0	4.6	2.3	1.2	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307012	3/Jan 19:25	1	25.1	992	496	298	6.5	322	20.31	25.1	991	496	297	6.5	19.0	25.1	4.6	2.3	1.3	6.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3																						
307015	3/Jan 19:40	1	24.9	1020	510	306	6.5	319	20.41	24.9	1018	509	305	6.5	18.71	24.8	4.6	2.3	1.4	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 19:55	1	25.0	998	499	299	6.5	318	20.31	25.0	996	498	299	6.5	18.61	25.0	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 20:11	1	25.0	1014	507	304	6.5	318	20.41	25.0	1013	506	304	6.5	18.71	24.9	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 20:25	1	24.9	995	498	298	6.5	319	20.41	24.9	994	497	298	6.5	18.71	24.9	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 20:40	1	25.1	991	496	297	6.5	317	20.41	25.1	990	495	297	6.5	18.71	25.1	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 20:55	1	24.9	997	498	299	6.6	318	20.41	24.9	996	498	299	6.6	18.71	24.9	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 21:10	1	25.1	1012	506	304	6.6	317	20.31	25.1	1011	506	303	6.6	18.61	25.0	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 21:25	1	25.0	1020	510	306	6.6	319	20.41	25.0	1019	510	306	6.6	18.71	24.8	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 21:41	1	25.0	993	496	298	6.6	319	20.41	25.0	992	496	297	6.6	18.71	25.0	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 21:55	1	25.1	998	499	299	6.6	317	20.41	25.1	997	498	299	6.6	18.71	25.1	4.6	2.3	1.1	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 22:10	1	24.9	1001	500	300	6.6	319	20.41	24.9	1000	500	300	6.6	18.71	24.9	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 22:25	1	25.0	1013	506	304	6.6	318	20.41	25.0	1012	506	303	6.6	18.71	25.0	4.6	2.3	1.2	5.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7																						
307015	3/Jan 22:40	1	25.0	997	498	299	6.6	319	20.41	25.0	996	498	299	6.6	18.71	24.9	4.6	2.3	1.3																														

ELEMENTS TESTED						FEED WATER PARAMETERS							BRINE STREAM PARAMETERS								PRODUCT WATER PARAMETERS									OTHER DATA								
Serial Number	Date	Time	Inlet Temp	Cond	TDS	pH	Inlet PSI	Flow	GPM	Temp	Cond	TDS	Cl ⁻	pH	M Flow	GPM	Temp	Cond	TDS	Cl ⁻	P Flow	GPM	Temp	Cond	TDS	Cl ⁻	P Flow	GPM	Temp	Cond	TDS	Cl ⁻	Per.	Rec.				
307015	4/JAN	1:11	25.1	1014	507	304	6.6	320	20.4	25.1	1013	506	304	6.6	18.7	25.1	4.6	2.3	1.2	5.7	1.7	2401	19976	99.6	8.2	14												
307015	4/JAN	1:25	24.9	1021	510	306	6.6	319	20.4	24.9	1020	510	306	6.6	18.7	24.9	4.6	2.3	1.2	5.7	1.7	2378	19844	99.6	8.1	14												
307015	4/JAN	1:40	25.0	1017	508	305	6.6	318	20.4	25.0	1016	508	305	6.6	18.7	25.0	4.6	2.3	1.3	5.8	1.7	2351	19912	99.6	8.2	13												
307015	4/JAN	1:56	25.0	991	496	297	6.6	319	20.4	25.0	990	495	297	6.6	18.7	24.9	4.7	2.3	1.2	5.7	1.7	2378	19844	99.6	8.1	14												
307015	4/JAN	2:10	24.9	1001	500	300	6.6	318	20.4	24.9	999	500	300	6.6	18.7	24.9	4.7	2.3	1.1	5.7	1.7	2379	19812	99.6	8.1	14												
307015	4/JAN	2:25	25.1	990	495	297	6.6	319	20.4	25.1	988	494	297	6.6	18.7	25.1	4.6	2.3	1.2	5.8	1.7	2395	19946	99.6	8.2	14												
307015	4/JAN	2:41	25.0	1009	504	303	6.6	320	20.4	25.0	1008	504	303	6.6	18.7	24.9	4.6	2.3	1.1	5.8	1.7	2386	19871	99.6	8.1	14												
307015	4/JAN	2:55	25.0	996	476	299	6.6	318	20.4	25.0	994	497	298	6.6	18.7	24.9	4.6	2.3	1.2	5.8	1.7	2387	19876	99.6	8.1	13												
307015	4/JAN	3:10	25.1	1009	504	303	6.6	318	20.4	25.1	1008	504	303	6.6	18.7	25.1	4.6	2.3	1.2	5.8	1.7	2387	19879	99.6	8.1	14												
307015	4/JAN	3:25	24.9	997	496	299	6.6	320	20.3	24.9	996	498	299	6.6	18.7	24.8	4.6	2.3	1.2	5.8	1.6	2388	19721	99.6	8.1	13												
307020	4/JAN	3:40	24.9	1014	507	304	6.6	316	20.4	24.9	1013	506	304	6.6	18.9	24.8	4.7	2.4	2.4	5.9	1.5	2091	17414	99.2	7.1	16												
307020	4/JAN	3:56	25.0	998	499	299	6.6	316	20.4	25.0	998	498	299	6.6	18.9	25.0	4.7	2.4	2.1	5.9	1.5	2086	17397	99.3	7.1	16												
307020	4/JAN	4:10	25.1	1010	503	303	6.6	316	20.4	25.1	1009	504	303	6.6	18.9	25.1	4.7	2.3	1.9	5.9	1.5	2088	17389	99.4	7.1	16												
307020	4/JAN	4:25	24.9	994	497	298	6.6	316	20.3	24.9	993	496	298	6.6	18.9	24.8																						

ELEMENT/TESTED										FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA		
Serial	Date	Time	Temp	Cond	TDS	Cl-	ph	Inlet F	Flow	Temp	Cond	TDS	Cl-	ph	W Flow	Temp	Cond	TDS	Cl-	ph	P Flow	P Flow	F Flow	Cl-	Per.	Delta																
Number			deg C	uachs	ppm	ppm		psi	GPM	deg C	uachs	ppm	ppm		GPM	deg C	uachs	ppm	ppm		GPM	GPD	lb/day	Fej	Rec.	psi																
307012	4/JAN	14:51	24.9	1001	500	300	6.4	323	20.31	24.9	1000	500	300	6.7	19.01	24.9	4.6	2.3	1.7	6.1	1.3	1362	16359	99.4	6.5	11																
307012	4/JAN	15: 6	25.1	1012	506	304	6.4	322	20.31	25.1	1011	506	303	6.7	19.01	25.1	4.6	2.3	1.3	6.1	1.3	1654	13741	97.6	6.5	10																
307012	4/JAN	15:21	24.9	1018	509	305	6.4	323	20.31	24.9	1017	508	305	6.7	19.01	24.9	4.6	2.3	1.2	6.1	1.3	1551	16242	99.6	6.4	10																
307012	4/JAN	15:36	25.0	1013	506	304	6.4	323	20.31	25.0	1012	506	304	6.7	19.01	25.0	4.5	2.2	1.1	6.1	1.3	1956	16190	99.6	6.5	11																
307012	4/JAN	15:51	25.1	997	498	299	6.4	322	20.31	25.1	996	498	299	6.7	19.01	25.0	4.6	2.3	1.1	6.1	1.3	1966	16373	99.6	6.4	10																
307012	4/JAN	16: 6	24.9	1031	516	309	6.4	324	20.31	24.9	1030	515	309	6.7	19.01	24.9	4.7	2.3	1.0	6.1	1.3	1560	16377	99.7	6.4	11																
307012	4/JAN	16:21	25.1	1012	506	304	6.4	322	20.31	25.1	1011	506	303	6.7	19.01	25.1	4.6	2.3	1.0	6.1	1.3	1957	16295	99.7	6.4	10																
307012	4/JAN	16:36	24.9	1005	502	302	6.4	323	20.31	24.9	1004	502	301	6.7	19.01	24.9	4.6	2.3	1.0	6.2	1.3	1552	16246	99.7	6.4	10																
307012	4/JAN	16:51	24.8	979	470	294	6.4	322	20.31	24.8	978	487	293	6.7	19.01	24.9	4.6	2.3	1.0	6.1	1.3	1761	16231	99.7	6.4	10																
307012	4/JAN	17: 6	24.9	1006	503	302	6.5	322	20.31	24.9	1005	502	301	6.7	19.01	24.9	4.6	2.3	1.1	6.2	1.3	1556	16250	99.6	6.4	10																
307012	4/JAN	17:21	25.1	997	498	299	6.5	323	20.31	25.1	996	498	299	6.7	19.01	25.1	4.6	2.3	1.1	6.2	1.3	1957	16298	99.6	6.4	10																
307012	4/JAN	17:36	24.9	1000	500	300	6.5	323	20.31	24.9	999	500	300	6.7	19.01	24.9	4.6	2.3	1.2	6.2	1.3	1562	16279	99.6	6.4	10																
307012	4/JAN	17:51	25.0	1002	501	301	6.5	323	20.31	25.0	1001	500	300	6.7	19.01	25.1	4.6	2.3	1.2	6.2	1.3	1924	16106	99.6	6.4	10																
307012	4/JAN	18: 6	24.9	997	498	299	6.5	323	20.31	24.9	996	498	299	6.7	19.01	24.9	4.6	2.3	1.3	6.2	1.3	1945	16165	99.6	6.4	10																
307012	4/JAN	18:21	25.0	992	496	298	6.5	322	20.31	25.0	991	496	297	6.6	19.01	25.0	4.5	2.3	1.2	6.2	1.3	1957	16256	99.6	6.4	9																
307012	4/JAN	18:36	25.0	1004	502	301	6.5	322	20.31	25.0	1003	502	301	6.7	19.01	24.9	4.5	2.2	1.4	6.2	1.3	1562	16359	99.3	6.4	10																
307012	4/JAN	18:51	25.0	995	498	298	6.5	323	20.31	25.0	994	497	298	6.8	19.01	25.0	4.2	2.1	1.2	6.2	1.3	1965	16364	99.6	6.4	9																
307012	4/JAN	19: 6	25.1	992	496	298	6.5	322	20.31	25.1	991	496	297	6.8	19.01	25.1	4.4	2.2	1.3	6.2	1.3	1957	16296	99.6	6.4	10																
307015	4/JAN	19:21	24.9	1020	510	306	6.5	319	20.41	24.9	1018	509	305	6.8	18.71	24.8	4.6	2.3	1.4	5.7	1.7	2461	19356	99.5	8.5	13																
307015	4/JAN	19:36	25.0	998	499	299	6.5	318	20.31	25.0	996	498	299	6.7	18.61	25.0	4.6	2.3	1.2	5.7	1.7	2398	19341	99.6	8.5	13																
307015	4/JAN	19:51	25.0	1014	507	304	6.5	318	20.41	25.0	1013	506	304	6.8	18.71	24.9	4.6	2.3	1.2	5.7	1.7	2398	19371	99.6	8.4	13																
307015	4/JAN	20: 6	24.9	995	498	298	6.5	319	20.41	24.9	994	497	298	6.8	18.71	24.9	4.6	2.3	1.2	5.7	1.7	2386	19367	99.6	8.4	12																
307015	4/JAN	20:36	24.9	997	498	299	6.5	317	20.41	25.1	990	495	297	6.8	18.71	25.1	4.6	2.3	1.2	5.7	1.7	2396	19354	99.6	8.4	12																
307015	4/JAN	20:51	24.9	997	498	299	6.6	318	20.41	24.9	996	498	299	6.8	18.71	24.9	4.6	2.3	1.2	5.7	1.7	2404	19371	99.6	8.5	13																
307015	4/JAN	21: 6	25.0	1020	510	306	6.6	319	20.31	25.1	1011	506	303	6.8	18.61	25.0	4.6	2.3	1.2	5.7	1.7	2382	19363	99.6	8.3	13																
307015	4/JAN	21:21	25.0	993	496	298	6.6	319	20.41	25.0	992	496	297	6.8	18.71	25.0	4.6	2.3	1.2	5.7	1.7	2393	19329	99.6	8.3	13																
307015	4/JAN	21:36	25.1	995	497	299	6.6	317	20.41	25.1	997	498	299	6.8	18.71	25.1	4.6	2.3	1.1	5.7	1.7	2394	19337	99.6	8.2	13																
307015	4/JAN	21:51	24.9	1001	500	300	6.6	319	20.41	24.9	1000	500	300	6.8	18.71	24.9	4.6	2.3	1.2	5.7	1.7	2299	19146	99.6	8.2	13																
307015	4/JAN	22: 6	25.0	1013	506	304	6.6	318	20.41	25.0	1012	506	303	6.8	18.71	25.0	4.6	2.3	1.2	5.7	1.7	2395	19346	99.6	8.3	13																
307015	4/JAN	22:21	25.0	997	498	299	6.6	319	20.41	25.0	996	498	299	6.8	18.71	24.9	4.6	2.3	1.3	5.7	1.7	2387	19379	99.6	8.2	14																
307015	4/JAN	22:36	25.0	1000	500	300	6.6	317	20.41	25.0	999	500	300	6.8	18.71	24.9	4.6	2.3	1.3	5.7	1.7	2401	19396	99.6	8.2	13																
307015	4/JAN	22:51	25.1	987	494	296	6.6	318	20.41	25.1	986	493	296	6.8	8.71	25.1	4.6	2.3	1.3	5.7	1.7	2399	19395	99.6	8.3	13																
307015	4/JAN	23: 6	24.9	1032	516	310	6.6	318	20.41	24.9	1031	516	309	6.8	18.71	24.8	4.6	2.3	1.3	5.7	1.7	2391	19912	99.6	8.2	13																
307015	4/JAN	23:21	25.0	1009	504	303	6.6	319	20.41	25.0	1008	504	302	6.8	18.71	25.0	4.6	2.3	1.2	5.7	1.7	2409	20062	99.6	8.2	13																
307015	4/JAN	23:36	25.1	985	492	296	6.6	318	20.41	25.1	984	492	295	6.8	18.71	24.9	4.6	2.3	1.2	5.8	1.7	2387	19679	99.6	8.2	14																
307015	4/JAN	23:51	24.9	998	499	299	6.6	319	20.41	24.9	997	498	299	6.8	18.71	24.9	4.6	2.3	1.3	5.8	1.7	2399	19979	99.6	8.2	14																
307015	5/JAN	0: 6	25.1	1031	516	309	6.6	319	20.41	25.1	1030	515	309	6.8	18.71	25.1	4.6	2.3	1.2	5.8	1.7	2401	19936	99.6	8.2	14																
307015	5/JAN	0:21	24.9	1037	518	311	6.6	319	20.41	24.9	1035	518	311	6.8	18.71	24.8	4.6	2.3	1.2	5.7	1.7	2384	19854	99.6	8.1	14																
307015	5/JAN	0:36	25.0	1031	516	309	6.6	318	20.41	25.0	1030	515	309	6.8	18.71	25.0	4.6	2.3	1.2	5.8	1.7	2393	19629	99.6	8.2	13																
307015	5/JAN	0:51	25.1	1014	507	304	6.6	320	20.41	25.1	1013	506	304	6.8	18.71	25.1	4.6	2.3	1.2	5.7	1.7	2401	19986	99.6	8.2	14																
307015	5/JAN	1: 6	24.9	1021	510	306	6.6	319	20.41	24.9	1020	510	306	6.8	18.71	24.9	4.6	2.3	1.2	5.7	1.7	2378	19804	99.6	8.1	14																
307015	5/JAN	1:21	25.0	1017	508	305	6.6	318	20.41	25.0	1016	508	305	6.8	18.71	25.0	4.6	2.3	1.3	5.8	1.7	2391	19912	99.6	8.2	13																
307015	5/JAN	1:36	25.0	991	496	297	6.6	319	20.41	25.0	990	495	297	6.8	18.71	24.9	4.7	2.3	1.2	5.7	1.7	2378	19804	99.6	8.1	13																
307015	5/JAN	1:51	24.9	1001	500	300	6.6	318	20.41	24.9	999	500	300	6.8	18.71	24.9	4.7	2.3	1.1	5.7	1.7	2379	19812	99.6	8.1	14																
307015	5/JAN	2: 6	25.1	990	495	297	6.6	319	20.41	25.1	988	494	297	6.8	18.71	25.1	4.6	2.3	1.2	5.8	1.7	2395	19346	99.6	8.2	14																
307015	5/JAN	2:21	25.0	1009	504	303	6.6	320	20.41	25.0	1008	504	302	6.8	18.71	24.8	4.6	2.3	1.1	5.8	1.7	2396	19871	99.6	8.1	14																
307015	5/JAN	2:36	25.0	996	498	299	6.6	318	20.41	25.0	994	497	298	6.8	18.71	24.9	4.6	2.3	1.2	5.6	1.7	2365	19835	99.6	8.1	13																
307015	5/JAN	2:51	25.1	1009	504	303	6.6	318	20.41	25.1	1008	504	302	6.8	18.71	25.1	4.6	2.3	1.2	5.8	1.7	2387	19879	99.6	8.1	14																
307015	5/JAN	3: 6	24.9	997	498	299	6.6	320	20.31	24.9	996	498	299	6.6	18.71	24.6	4.6	2.3	1.2	5.8	1.6	2356	19721	99.4	8.1	15																
307020	5/JAN	3:21	24.9	1014	507	304	6.6	316	20.41	24.9	1013	506	304	6.8	18.91	24.8	4.7	2.4	2.4	5.9	1.5	2051	17081	99.2	7.1	16																
307020	5/JAN	3:36	25.0	998	499	299	6.6	316	20.41	25.0	996	498	299	6.8	18.91	25.0	4.7	2.4	2.1	5.9	1.5	2																				

ELEMENT/TESTED				FEED WATER PARAMETERS				BFINE STREAM PARAMETERS				PRODUCT WATER PARAMETERS				OTHER DATA			
Serial	Date	Line	Time	Temp	Cond	IDS	Cl-	ph	Inlet	F Flow	Temp	Cond	IDS	Cl-	ph	P Flow	P Flow	F Flow	Delta
Number				deg C	uachs	ppa	ppa		psi	GPM	deg C	uachs	ppa	ppa		GPM	GPD	lb/day	psi
307020	5/JAN	4: 6		24.9	994	497	298	6.6	316	20.31	24.9	993	496	298	6.8	18.91	24.8	4.7	2.3
307020	5/JAN	4: 21		25.0	993	496	298	6.6	316	20.41	25.0	992	496	298	6.8	18.91	25.0	4.7	2.3
307020	5/JAN	4: 36		25.1	993	499	299	6.6	316	20.31	25.1	997	498	299	6.8	18.91	24.9	4.6	2.3
307020	5/JAN	4: 51		24.9	1005	502	302	6.6	316	20.31	24.9	1004	502	301	6.8	18.91	24.9	4.6	2.3
307020	5/JAN	5: 6		25.0	1003	502	301	6.6	316	20.31	25.0	1001	500	300	6.8	18.91	25.0	4.6	2.3
307020	5/JAN	5: 21		25.1	993	496	298	6.6	316	20.31	25.1	992	496	298	6.8	18.91	25.0	4.6	2.3
307020	5/JAN	5: 36		24.9	999	500	300	6.6	315	20.31	24.9	998	499	299	6.8	18.91	24.9	4.6	2.3
307020	5/JAN	5: 51		25.0	1001	500	300	6.6	316	20.31	25.0	1000	500	300	6.8	18.91	25.0	4.6	2.3
307020	5/JAN	6: 6		25.1	999	500	300	6.6	315	20.31	25.1	997	498	299	6.8	18.91	25.0	4.6	2.3
307020	5/JAN	6: 21		24.9	1006	503	302	6.6	317	20.31	24.9	1005	502	301	6.8	18.91	24.9	4.6	2.3
307020	5/JAN	6: 36		25.1	1004	502	301	6.6	316	20.31	25.1	1003	502	301	6.8	18.91	25.1	4.6	2.3
307020	5/JAN	6: 51		24.9	999	500	300	6.6	316	20.31	24.9	998	499	299	6.8	18.91	24.8	4.6	2.3
307020	5/JAN	7: 6		24.9	1003	502	301	6.6	317	20.31	24.9	1002	501	300	6.8	18.91	24.8	4.6	2.3
307020	5/JAN	7: 21		25.0	996	498	299	6.6	316	20.31	25.0	994	497	298	6.8	18.91	25.0	4.6	2.3
307020	5/JAN	7: 36		25.1	987	494	296	6.6	314	20.31	25.1	986	493	296	6.8	18.91	25.1	4.6	2.3
307020	5/JAN	7: 51		24.9	997	498	299	6.7	316	20.31	24.9	996	498	299	6.7	18.91	24.9	4.6	2.3
307020	5/JAN	8: 6		25.0	991	496	297	6.6	315	20.31	25.0	990	495	297	6.6	18.91	25.0	4.6	2.3
307020	5/JAN	8: 21		25.0	1003	502	301	6.7	315	20.31	25.0	1002	501	300	6.7	18.91	24.9	4.6	2.3
307020	5/JAN	8: 36		24.9	1009	504	303	6.7	314	20.31	24.9	1008	504	302	6.9	18.91	24.9	4.6	2.3
307020	5/JAN	8: 51		25.0	997	498	299	6.7	315	20.31	25.0	995	498	299	6.6	18.91	25.0	4.6	2.3
307020	5/JAN	9: 6		24.9	1015	508	304	6.7	315	20.31	24.9	1014	507	304	6.8	18.91	24.8	4.6	2.3
307020	5/JAN	9: 21		25.0	998	499	299	6.7	316	20.31	25.0	997	498	299	6.8	18.91	25.0	4.6	2.3
307020	5/JAN	9: 36		25.1	999	500	300	6.7	316	20.31	25.1	998	499	299	6.8	18.91	25.1	4.6	2.3
307020	5/JAN	9: 51		24.9	1020	510	306	6.7	315	20.31	24.9	1019	510	306	6.8	18.91	24.8	4.6	2.3
307020	5/JAN	10: 6		25.0	998	499	299	6.7	316	20.31	25.0	997	498	299	6.8	18.91	25.0	4.6	2.3
307020	5/JAN	10: 21		25.1	1002	501	301	6.7	315	20.31	25.1	1001	500	300	6.8	18.91	25.0	4.6	2.3
307020	5/JAN	10: 36		24.9	1022	511	307	6.7	315	20.31	24.9	1021	510	306	6.8	18.91	24.9	4.6	2.3

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[illegible]

ELEMENT/TESTED										FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA									
Serial Number	Date	Line	Temp	Cond	TDS	Cl-	ph	Inlet	Fflow	Temp	Cond	TDS	Cl-	ph	Wflow	Temp	Cond	TDS	Cl-	ph	Fflow	Temp	Cond	TDS	Cl-	ph	GFD	lb/day	1	Rej	Recov	psi																	
			deg C	uachs	ppm	ppm		psi	GPM	deg C	uachs	ppm	ppm		GPM	deg C	uachs	ppm	ppm		GPM	deg C	uachs	ppm	ppm																								
307007	11/Jan 8:12		24.9	998	499	299	6.0	371	21.2	24.9	1079	540	374	6.0	19.6	25.1	11	6	3	5.6	1.6	2316	17288	98.9	7.6	8																							
307007	11/Jan 8:27		24.9	1019	510	306	6.0	369	21.1	24.9	1101	550	330	6.0	19.5	25.1	10	5	3	5.6	1.6	2280	18822	99.1	7.4	7																							
307007	11/Jan 8:42		24.8	1000	500	300	6.1	371	21.0	24.8	1078	539	324	6.1	19.5	24.9	8	4	2	5.5	1.5	221	18439	99.2	7.3	7																							
307007	11/Jan 8:57		25.0	1009	505	303	6.1	372	21.0	25.0	1088	544	326	6.1	19.5	25.1	8	4	2	5.7	1.5	2212	18422	99.2	7.3	6																							
307007	11/Jan 9:12		24.8	1002	501	300	6.2	370	21.0	24.8	1078	539	323	6.2	19.5	24.9	8	4	2	5.9	1.5	2165	18031	99.2	7.2	6																							
307007	11/Jan 9:27		24.9	1009	504	303	6.2	370	21.0	24.9	1085	542	325	6.2	19.5	25.0	8	4	2	6.0	1.5	214	17847	99.3	7.1	6																							
307007	11/Jan 9:39		24.9	1006	503	302	6.2	373	21.0	24.9	1082	541	325	6.2	19.5	25.0	7	4	2	6.0	1.5	213	17797	99.3	7.1	6																							
307007	11/Jan 9:57		24.9	1010	505	303	6.2	370	20.9	24.9	1086	543	326	6.2	19.4	25.0	7	4	2	6.0	1.5	212	17697	99.3	7.1	7																							
307007	11/Jan 10:12		24.9	1002	501	301	6.3	372	21.0	24.9	1078	539	323	6.3	19.5	25.1	7	4	2	6.0	1.5	214	17822	99.3	7.1	6																							
307007	11/Jan 11:29		23.9	1010	505	303	6.4	373	20.8	23.9	1082	541	324	6.4	19.4	25.0	7	4	2	6.2	1.4	2003	16731	99.3	6.7	8																							
307007	11/Jan 11:39		24.3	1006	503	302	6.4	371	20.9	24.3	1076	538	323	6.4	19.5	25.1	7	4	2	6.2	1.4	1972	16407	99.3	6.6	6																							
307007	11/Jan 12: 3		24.9	1005	503	302	6.3	371	20.7	24.9	1076	538	323	6.3	19.3	24.2	8	4	2	6.3	1.4	1977	16465	99.3	6.6	7																							
307007	11/Jan 12:18		24.9	999	499	300	6.3	370	20.6	24.9	1072	536	321	6.3	19.2	25.1	7	4	2	6.3	1.4	2037	16765	99.3	6.9	6																							
307007	13/Jan 16:12		24.9	1005	502	301	5.9	371	20.9	24.9	1070	535	321	5.9	19.6	25.1	9	5	3	3.8	1.3	1846	15374	99.1	6.1	6																							
307007	13/Jan 16:27		24.9	997	499	299	6.0	371	21.0	24.9	1061	531	318	6.0	19.7	24.9	8	4	2	3.8	1.3	1840	15324	99.2	6.1	8																							
307007	13/Jan 16:52		24.9	1002	501	300	6.0	371	21.1	24.9	1065	533	320	6.0	19.8	25.0	8	4	2	3.9	1.3	1831	15249	99.2	6.0	7																							
307007	13/Jan 17: 7		24.9	1003	502	301	6.0	371	21.1	24.9	1067	534	320	6.0	19.8	25.0	8	4	2	3.9	1.3	1831	15249	99.2	6.0	6																							
307007	13/Jan 17:22		24.9	1004	502	301	6.0	371	21.1	24.9	1068	534	320	6.0	19.8	25.1	8	4	2	3.9	1.3	1843	15349	99.3	6.1	7																							
307007	13/Jan 17:45		24.9	1000	500	300	6.0	371	20.9	24.9	1064	532	319	6.0	19.6	24.9	8	4	2	3.9	1.3	1842	15341	99.2	6.1	8																							
307007	13/Jan 18: 0		24.9	1003	502	301	6.0	371	20.9	24.9	1068	534	320	6.0	19.6	25.0	7	4	2	3.9	1.3	1831	15249	99.2	6.0	7																							
307007	13/Jan 18:15		24.9	994	497	298	6.1	370	20.9	24.9	1059	529	318	6.1	19.6	25.1	7	4	2	3.9	1.3	1847	15382	99.3	6.1	8																							
307007	13/Jan 18:30		24.9	996	498	299	6.1	371	20.6	24.9	1062	531	319	6.1	19.3	25.0	8	4	2	3.9	1.3	1869	15565	99.2	6.3	7																							
307007	13/Jan 18:45		24.9	1005	502	301	5.9	371	20.9	24.9	1070	535	321	5.9	19.6	25.1	9	5	3	3.8	1.3	1846	15374	99.1	6.1	6																							
307007	13/Jan 19: 0		24.9	997	499	299	6.0	371	21.0	24.9	1061	531	318	6.0	19.7	24.9	8	4	2	3.8	1.3	1841	15324	99.2	6.1	6																							
307007	13/Jan 19:15		24.9	1002	501	300	6.0	371	21.1	24.9	1065	533	320	6.0	19.8	25.0	8	4	2	3.9	1.3	1851	15249	99.2	6.0	7																							
307007	13/Jan 19:30		24.9	1003	502	301	6.0	371	21.1	24.9	1067	534	320	6.0	19.8	25.0	8	4	2	3.9	1.3	1831	15249	99.2	6.0	7																							
307007	13/Jan 19:45		24.9	1004	502	301	6.0	371	21.1	24.9	1068	534	320	6.0	19.8	25.1	8	4	2	3.9	1.3	1843	15349	99.3	6.1	7																							
307007	13/Jan 20: 0		24.9	1000	500	300	6.0	371	20.9	24.9	1064	532	319	6.0	19.6	24.9	8	4	2	3.9	1.3	1842	15341	99.2	6.1	6																							
307007	13/Jan 20:15		24.9	1003	502	301	6.0	371	20.9	24.9	1068	534	320	6.0	19.5	25.0	7	4	2	3.9	1.3	1837	15299	99.3	6.1	6																							
307007	13/Jan 20:30		24.9	994	497	298	6.1	370	20.9	24.9	1057	529	318	6.1	19.6	25.1	7	4	2	3.9	1.3	1847	15382	99.3	6.1	5																							
307007	13/Jan 20:45		24.9	995	498	299	6.1	371	20.6	24.9	1062	531	319	6.1	19.3	25.0	8	4	2	3.9	1.3	1869	15565	99.2	6.3	6																							
307007	13/Jan 21: 0		24.9	1019	510	306	6.0	370	20.8	24.9	1085	543	326	6.0	19.5	25.0	8	4	2	3.9	1.3	1836	15565	99.2	6.3	6																							
307007	13/Jan 21:15		24.9	1000	500	300	6.0	373	20.9	24.9	1064	532	319	6.0	19.6	25.1	8	4	2	3.9	1.3	1831	15249	99.2	6.1	6																							
307007	13/Jan 21:30		24.9	1009	504	303	6.0	370	20.7	24.9	1075	538	323	6.0	19.4	25.0	8	4	2	3.9	1.3	1844	15357	99.2	6.2	7																							
307007	13/Jan 21:45		24.9	1002	501	301	6.1	372	20.6	24.9	1068	534	320	6.1	19.3	25.0	7	4	2	3.9	1.3	1835	15262	99.3	6.2	7																							
307007	13/Jan 22: 0		24.9	1009	504	303	6.0	373	20.9	24.9	1074	537	322	6.0	19.6	25.1	7	4	2	3.9	1.3	1836	15291	99.3	6.1	5																							
307007	13/Jan 22:15		24.9	1006	503	302	6.0	371	21.0	24.9	1071	535	321	6.0	19.7	25.0	7	4	2	3.9	1.3	1842	15341	99.3	6.1	8																							
307007	13/Jan 22:30		24.9	1010	505	303	6.1	371	21.1	24.9	1074	537	322	6.1	19.8	25.0	6	3	2	3.8	1.3	1833	15266	99.4	6.0	4																							
307007	13/Jan 22:45		24.9	1002	501	301	6.0	370	21.1	24.9	1066	533	320	6.0	19.8	24.9	8	4	2	3.8	1.3	1832	15257	99.2	6.0	7																							
307007	13/Jan 23: 0		24.9	1010	505	303	6.1	371	21.1	24.9	1074	537	322	6.1	19.6	25.0	6	3	2	3.9	1.3	1830	15241	99.4	6.0	8																							
307007	13/Jan 23:15		24.9	1006	503	302	6.0	371	20.9	24.9	1071	535	321	6.0	19.6	25.0	8	4	2	3.9	1.3	1834	15274	99.2	6.1	6																							
307007	13/Jan 23:30		24.9	1005	502	302	6.0	371	20.9	24.9	1070	535	321	6.0	19.6	25.1	7	4	2	3.9	1.3	1833	15266	99.3	6.1	5																							
307007	13/Jan 23:45		24.9	999	500	300	6.1	371	20.9	24.9	1064	532	319	6.1	19.6	25.0	8	4	2	3.8	1.3	1841	15332	99.2	6.1	7																							
307007	14/Jan 0: 0		24.9	1005	502	302	6.0	371	20.6	24.9	1071	535	321	6.0	19.3	25.1	6	3	2	3.6	1.3	1830	15241	99.4	5.2	6																							
307007	14/Jan 0:15		25.0	997	498	299	6.0	371	20.6	25.0	1062	531	319	6.0	19.3	24.9	6	3	2	3.8	1.3	1831	15249	99.4	6.2	6																							
307007	14/Jan 0:30		25.1	1002	501	301	6.1	371	20.9	25.1	1067	533	320	6.1	19.6	24.9	6	3	2	3.9	1.3	1833	15266	99.4	6.1	7																							
307007	14/Jan 0:45		24.9	1003	502	301	6.0	370	20.8	24.9	1068	534	320	6.0	19.5	25.1	7	4	2	3.9	1.3	1832	15257	99.3	6.1	8																							
307007	14/Jan 1: 0		24.9	1004	50																																												

[illegible]

ELEMENTS TESTED				FEED WATER PARAMETERS				BRINE STREAM PARAMETERS				PRODUCT WATER PARAMETERS				OTHER DATA			
Serial	Date	Time	Line	Temp	Cond	IDS	Cl-	ph	Inlet	Flow	Temp	Cond	IDS	Cl-	ph	Flow	Temp	Cond	IDS
Number				deg C	uach	ppm	ppm		psi	gpm	deg C	uach	ppm	ppm		gpm	deg C	uach	ppm
307003	26/Mar	21:16	1	25.6	1015	508	305	5.4	378	19.7	25.6	1088	554	332	5.4	18.0	25.0	8	4
307003	26/Mar	21:16	1	25.6	1007	503	302	5.4	378	19.5	25.6	1099	549	330	5.4	17.9	25.0	8	4
307003	26/Mar	21:31	1	25.7	1008	504	302	5.4	378	19.7	25.7	1099	550	330	5.4	18.0	25.1	8	4
307003	26/Mar	21:46	1	25.7	995	497	298	5.4	378	19.7	25.7	1085	543	326	5.4	18.0	25.1	8	4
307003	26/Mar	22:1	1	25.6	1005	502	301	5.4	378	19.6	25.6	1096	548	329	5.4	18.0	25.1	8	4
307003	26/Mar	22:16	1	25.6	1005	502	301	5.4	378	19.6	25.6	1096	548	329	5.4	18.0	25.0	8	4
307003	26/Mar	22:31	1	25.6	1007	504	302	5.4	378	19.6	25.6	1099	549	330	5.4	18.0	25.0	8	4
307003	26/Mar	22:46	1	25.7	1004	502	301	5.4	378	19.6	25.7	1096	548	329	5.4	17.9	25.1	8	4
307003	26/Mar	23:1	1	25.6	1007	503	302	5.4	378	19.6	25.6	1098	549	329	5.4	18.0	25.1	8	4
307003	26/Mar	23:16	1	25.6	1003	502	301	5.4	378	19.6	25.6	1094	547	328	5.4	18.0	25.1	8	4
307003	26/Mar	23:31	1	25.6	1004	502	301	5.4	378	19.6	25.6	1095	547	328	5.4	18.0	25.0	8	4
307003	26/Mar	23:46	1	25.6	1015	508	305	5.4	378	19.6	25.6	1107	554	332	5.4	18.0	25.1	8	4
307003	27/Mar	0:1	1	25.6	1008	504	302	5.4	377	19.6	25.6	1099	549	330	5.4	18.0	25.1	8	4
307003	27/Mar	0:16	1	25.6	998	499	299	5.4	378	19.6	25.6	1088	544	326	5.4	18.0	25.1	8	4
307003	27/Mar	0:31	1	25.6	1017	509	305	5.4	378	19.6	25.6	1109	555	333	5.4	18.0	25.0	8	4
307003	27/Mar	0:46	1	25.6	1013	506	304	5.4	378	19.6	25.6	1104	552	331	5.4	18.0	25.1	8	4
307003	27/Mar	1:1	1	25.7	1008	504	302	5.4	377	19.6	25.7	1099	550	330	5.4	18.0	25.1	8	4
307003	27/Mar	1:16	1	25.6	1000	500	300	5.4	377	19.5	25.6	1091	546	327	5.4	17.9	25.1	8	4
307003	27/Mar	1:31	1	25.6	1009	505	303	5.4	378	19.6	25.6	1100	550	330	5.4	18.0	25.1	8	4
307003	27/Mar	1:46	1	25.6	1012	506	304	5.4	378	19.6	25.6	1103	552	331	5.4	18.0	25.0	8	4
307003	27/Mar	2:1	1	25.6	1008	504	303	5.4	378	19.6	25.6	1100	550	330	5.4	18.0	25.0	8	4
307003	27/Mar	2:16	1	25.7	1003	502	301	5.4	378	19.6	25.7	1094	547	328	5.4	18.0	25.1	8	4
307003	27/Mar	2:31	1	25.6	1002	501	301	5.4	377	19.6	25.6	1093	546	328	5.4	18.0	25.1	8	4
307003	27/Mar	2:46	1	25.6	1003	502	301	5.4	378	19.6	25.6	1094	547	328	5.4	18.0	25.0	8	4
307003	27/Mar	3:1	1	25.6	1003	501	301	5.4	378	19.6	25.6	1094	547	328	5.4	18.0	25.0	8	4
307003	27/Mar	3:16	1	25.7	1013	506	304	5.4	377	19.6	25.7	1104	552	331	5.4	18.0	25.1	8	4
307003	27/Mar	3:31	1	25.7	1003	501	301	5.4	377	19.6	25.7	1093	547	328	5.4	18.0	25.1	8	4
307003	27/Mar	3:46	1	25.6	999	499	299	5.4	378	19.6	25.6	1089	544	327	5.4	18.0	25.1	8	4
307003	27/Mar	4:1	1	25.6	1014	507	304	5.4	378	19.6	25.6	1106	553	332	5.4	18.0	25.0	8	4
307003	27/Mar	4:16	1	25.6	1009	505	303	5.4	378	19.6	25.6	1100	550	330	5.4	18.0	25.0	8	4
307003	27/Mar	4:31	1	25.7	1006	503	302	5.4	378	19.6	25.7	1097	549	329	5.4	18.0	25.1	8	4
307003	27/Mar	4:46	1	25.6	1013	506	304	5.4	378	19.6	25.6	1104	552	331	5.4	18.0	25.1	8	4
307003	27/Mar	5:1	1	25.6	1010	505	303	5.4	378	19.6	25.6	1101	550	330	5.4	18.0	25.0	8	4
307003	27/Mar	5:16	1	25.6	1008	504	302	5.4	378	19.6	25.6	1099	549	330	5.4	18.0	25.0	8	4
307003	27/Mar	5:31	1	25.7	996	498	298	5.4	378	19.6	25.7	1086	543	326	5.4	18.0	25.1	8	4
307003	27/Mar	5:46	1	25.6	1010	505	303	5.4	378	19.6	25.6	1101	550	330	5.4	18.0	25.1	8	4
307003	27/Mar	6:1	1	25.6	1007	504	302	5.4	378	19.6	25.6	1098	549	329	5.4	18.0	25.0	8	4
307003	27/Mar	6:16	1	25.6	1017	509	305	5.4	378	19.6	25.6	1107	555	333	5.4	18.0	25.0	8	4
307003	27/Mar	6:31	1	25.7	1003	501	301	5.4	378	19.6	25.7	1094	547	328	5.4	18.0	25.1	8	4
307003	27/Mar	6:46	1	25.6	1000	500	300	5.4	378	19.6	25.6	1090	545	327	5.4	18.0	25.0	8	4
307003	27/Mar	7:1	1	25.6	1005	502	301	5.4	378	19.6	25.6	1095	547	328	5.4	18.0	25.0	8	4
307003	27/Mar	7:16	1	25.7	1005	502	301	5.4	378	19.6	25.7	1095	548	329	5.4	18.0	25.1	8	4
307003	27/Mar	7:31	1	25.7	1011	505	303	5.4	378	19.6	25.7	1102	551	331	5.4	18.0	25.1	8	4
307003	27/Mar	7:46	1	25.6	1010	505	303	5.4	378	19.6	25.6	1101	550	330	5.4	18.0	25.1	8	4

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ELEMENTS TESTED										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA			
Serial Date	Time	Temp	Cond	TDS	Cl-	pH	Inlet Flow	GPM	psi	Cl-	pH	Mflow	Temp	Cond	TDS	Cl-	pH	GPM	BFD	Flow	Cl-	Percent Delta											
Number		: deg C	uohms	ppm	ppm		:			ppm		: deg C	uohms	ppm		ppm			l/day	l/hj	Recur	%											
307010	2/Mar 14:36	25.0	9089	4545	3172	2.7	405	19.5:	25.0	10038	5019	3503	2.7	17.6:	25.0	113	57	30	4.9	1.9	2677	22294:	99.0	9.6	7								
307010	2/Mar 14:50	25.1	9088	4544	3172	2.7	405	19.5:	25.1	10025	5012	3499	2.7	17.7:	25.1	101	51	27	4.9	1.8	2657	22128:	99.1	9.4	7								
307010	2/Mar 15: 5	25.2	9138	4569	3189	2.7	404	19.5:	25.2	10065	5035	3514	2.7	17.7:	25.1	97	48	26	4.9	1.8	2624	21853:	99.2	9.3	7								
307010	2/Mar 15:20	25.2	9169	4585	3200	2.7	402	19.5:	25.2	10090	5045	3521	2.7	17.7:	25.1	94	47	25	4.9	1.8	2586	21536:	99.2	9.2	7								
307010	2/Mar 15:35	25.2	9113	4557	3180	2.7	402	19.5:	25.2	10025	5013	3499	2.7	17.7:	25.1	92	46	25	4.9	1.8	2577	21461:	99.2	9.2	7								
307010	2/Mar 15:50	25.2	9112	4556	3160	2.8	402	19.5:	25.2	10019	5010	3497	2.8	17.7:	25.1	90	45	24	4.9	1.8	2565	21341:	99.2	9.1	7								
307010	2/Mar 16: 5	25.2	9169	4584	3199	2.7	403	19.6:	25.2	10073	5036	3515	2.7	17.8:	25.1	89	45	24	4.9	1.8	2556	21266:	99.3	9.1	7								
307010	2/Mar 16:20	25.2	9127	4563	3185	2.7	402	19.6:	25.2	10023	5011	3498	2.7	17.8:	25.1	88	44	24	4.9	1.8	2541	21161:	99.3	9.0	7								
307010	2/Mar 16:35	25.2	9186	4593	3206	2.8	403	19.6:	25.2	10064	5042	3519	2.8	17.8:	25.1	88	44	23	4.9	1.8	2529	21062:	99.3	9.0	8								
307010	2/Mar 16:50	25.2	9130	4565	3186	2.8	402	19.6:	25.2	10019	5010	3497	2.8	17.8:	25.1	86	43	23	4.9	1.8	2522	21007:	99.3	9.0	7								
307010	2/Mar 17: 5	25.2	9117	4558	3182	2.8	402	19.5:	25.2	10004	5002	3491	2.8	17.8:	25.1	85	43	23	4.9	1.7	2512	20948:	99.3	8.9	7								
307010	2/Mar 17:20	25.2	9127	4563	3185	2.8	402	19.5:	25.2	10011	5005	3494	2.8	17.8:	25.1	85	42	23	4.9	1.7	2506	20870:	99.3	8.9	7								
307010	2/Mar 17:35	25.2	9128	4584	3186	2.8	402	19.5:	25.2	10012	5006	3494	2.8	17.8:	25.1	84	42	22	4.9	1.7	2506	20670:	99.3	8.9	7								
307010	2/Mar 17:50	25.2	9168	4584	3200	2.8	403	19.5:	25.2	10054	5027	3509	2.8	17.8:	25.1	83	42	22	4.9	1.7	2501	20628:	99.3	8.9	7								
307010	2/Mar 18: 5	25.2	9112	4556	3180	2.8	402	19.5:	25.2	9991	4996	3487	2.8	17.8:	25.1	82	41	22	4.9	1.7	2494	20779:	99.3	8.9	7								
307010	2/Mar 18:20	25.2	9095	4547	3174	2.8	403	19.5:	25.2	9922	4986	3480	2.8	17.8:	25.1	82	41	22	4.9	1.7	2493	20762:	99.3	8.9	7								
307010	2/Mar 18:35	25.2	9140	4570	3190	2.8	402	19.5:	25.2	10017	5009	3496	2.8	17.8:	25.1	82	41	22	4.9	1.7	2484	20687:	99.3	8.8	7								
307010	2/Mar 18:50	25.1	9151	4576	3194	2.8	403	19.5:	25.1	10029	5015	3500	2.8	17.8:	25.1	81	41	22	4.9	1.7	2481	20662:	99.3	8.8	7								
307010	2/Mar 19: 5	25.2	9132	4556	3187	2.8	402	19.5:	25.2	10005	5003	3492	2.8	17.8:	25.0	81	40	22	4.9	1.7	2474	20634:	99.3	8.8	7								
307010	2/Mar 19:20	25.2	9166	4575	3206	2.8	403	19.5:	25.2	10066	5033	3513	2.8	17.8:	25.1	81	40	22	4.5	1.7	2477	20629:	99.3	8.8	7								
307010	2/Mar 19:35	25.2	9153	4576	3194	2.8	402	19.5:	25.2	10026	5013	3499	2.8	17.8:	25.1	80	40	21	4.9	1.7	2466	20537:	99.3	8.8	7								
307010	2/Mar 19:50	25.2	9180	4590	3204	2.8	403	19.5:	25.2	10053	5027	3509	2.8	17.8:	25.0	80	40	21	4.9	1.7	2461	20453:	99.3	8.8	7								
307010	2/Mar 20: 5	25.2	9151	4575	3194	2.8	402	19.5:	25.2	10025	5012	3499	2.8	17.8:	25.1	80	40	21	4.9	1.7	2469	20562:	99.3	8.8	7								
307010	2/Mar 20:20	25.2	9211	4605	3215	2.8	402	19.5:	25.2	10087	5043	3520	2.8	17.8:	25.1	79	40	21	4.9	1.7	2460	20487:	99.3	8.8	7								
307010	2/Mar 20:35	25.2	9147	4574	3192	2.8	402	19.5:	25.2	10016	5008	3495	2.8	17.8:	25.1	79	39	21	4.9	1.7	2454	20437:	99.3	8.7	7								
307010	2/Mar 20:50	25.2	9156	4578	3196	2.8	403	19.5:	25.2	10025	5012	3499	2.8	17.8:	25.1	79	39	21	4.9	1.7	2453	20425:	99.3	8.7	7								
307010	2/Mar 21: 5	25.2	9142	4571	3191	2.8	403	19.5:	25.2	10007	5004	3493	2.8	17.8:	25.0	78	39	21	4.9	1.7	2446	20370:	99.3	8.7	7								
307010	2/Mar 21:20	25.2	9150	4575	3193	2.8	402	19.5:	25.2	10014	5007	3495	2.8	17.8:	25.1	78	39	21	4.9	1.7	2440	20320:	99.3	8.7	7								
307010	2/Mar 21:35	25.2	9198	4599	3210	2.8	401	19.5:	25.2	10056	5033	3513	2.8	17.8:	25.1	78	39	21	4.9	1.7	2440	20320:	99.3	8.7	7								
307010	2/Mar 21:50	25.2	9165	4582	3199	2.8	402	19.5:	25.2	10030	5015	3501	2.8	17.8:	25.1	78	39	21	4.9	1.7	2441	20323:	99.4	8.7	7								
307010	2/Mar 22: 5	25.2	9188	4594	3207	2.8	402	19.5:	25.2	10054	5027	3509	2.8	17.8:	25.0	77	39	21	4.9	1.7	2436	20267:	99.4	8.7	7								
307010	2/Mar 22:20	25.2	9119	4560	3183	2.8	403	19.5:	25.2	9961	4970	3483	2.8	17.8:	25.1	77	38	20	4.9	1.7	2443	20343:	99.4	8.7	7								
307011	2/Mar 22:35	25.2	9105	4553	3178	2.8	400	19.5:	25.2	9921	4961	3463	2.8	17.9:	25.1	125	62	33	4.8	1.6	2343	19513:	99.0	8.3	7								
307011	2/Mar 22:50	25.2	9111	4555	3180	2.8	401	19.5:	25.2	9925	4962	3464	2.8	17.9:	25.1	114	57	30	4.9	1.6	2332	19421:	99.0	8.3	7								
307011	2/Mar 23: 5	25.2	9134	4567	3188	2.8	404	19.5:	25.2	9951	4976	3473	2.8	17.9:	25.1	110	55	29	4.9	1.6	2335	19446:	99.1	8.3	7								
307011	1/Mar 23:23	25.2	9130	4565	3186	2.8	402	19.5:	25.2	9939	4970	3469	2.8	17.9:	25.1	108	54	29	4.9	1.6	2313	19263:	99.1	8.2	7								
307011	1/Mar 23:38	25.2	9102	4551	3176	2.8	402	19.5:	25.2	9908	4954	3458	2.8	17.9:	25.1	106	53	28	4.9	1.6	2311	19246:	99.1	8.2	7								
307011	1/Mar 23:53	25.2	9106	4553	3178	2.8	402	19.5:	25.2	9911	4956	3459	2.8	17.9:	25.1	105	52	28	4.9	1.6	2305	19196:	99.1	8.2	7								
307011	2/Mar 0: 8	25.2	9120	4560	3183	2.8	402	19.5:	25.2	9924	4962	3463	2.8	17.9:	25.1	103	52	28	4.9	1.6	2298	19138:	99.1	8.2	7								
307011	2/Mar 0:32	25.2	9159	4580	3197	2.8	403	19.5:	25.2	9962	4981	3477	2.8	17.9:	25.1	102	51	27	4.9	1.6	2286	19038:	99.1	8.1	7								
307011	2/Mar 0:47	25.2	9123	4562	3184	2.8	400	19.6:	25.2	9914	4957	3460	2.8	18.0:	25.1	101	51	27	4.9	1.6	2270	18905:	99.2	8.1	7								
307011	2/Mar 1:17	25.2	9139	4569	3189	2.8	402	19.6:	25.2	9929	4964	3465	2.8	18.0:	25.1	99	50	27	4.9	1.6	2265	18863:	99.2	8.0	7								
307011	2/Mar 1:32	25.2	9105	4552	3178	2.8	402	19.6:	25.2	9893	4946	3453	2.8	18.0:	25.1	98	49	26	4.9	1.6	2267	18860:	99.2	8.0	7								
307011	2/Mar 1:47	25.2	9111	4556	3180	2.8	403	19.6:	25.2	9898	4949	3454	2.8	18.0:	25.0	98	49	26	4.9	1.6	2262	18836:	99.2	8.0	8								
307011	2/Mar 2: 2	25.2	9150	4575	3193	2.8	403	19.6:	25.2	9938	4969	3468	2.8	18.0:	25.0	97	48	26	4.9	1.6	2256	18788:	99.2	8.0	7								
307011	2/Mar 2:17	25.2	9099	4550	3176	2.8	402	19.6:	25.2	9882	4941	3449	2.8	18.0:	25.1	97	48	26	4.9	1.6	2255	18760:	99.2	8.0	7								
307011	2/Mar 2:32	25.2	9139	4569	3189	2.8	402	19.6:	25.2	9924	4962	3463	2.8	18.0:	25.1	96	48	26	4.9	1.6	2251	18746:	99.2	8.0	7								
307011	2/Mar 2:47	25.2	9109	4555	3179	2.8	402	19.6:	25.2	9891	4945	3452	2.8	18.0:	25.1	96	48	26	4.9	1.6	2247	18713:	99.2	8.0	7								
307011	2/Mar 3: 2	25.2	9143	4572	3191	2.8	402	19.6:	25.2	9928	4964	3465	2.8	18.0:	25.1	95	48	25	4.9	1.6	2246	18705:	99.2	8.0	7								
307011	2/Mar 3:17	25.2	9153	4577	3194	2.8	402	19.6:	25.2	9935	4968	3467	2.8	18.0:	25.1	94	47	25	4.9	1.6	2239	18645:	99.2	8.0	8								
307011	2/Mar 3:32	25.2	9124	4562	3184	2.8	402	19.6:	25.2	9903	4952	3456	2.8	18.0:	25.1	94	47	25	4.9	1.6	2236	18628:	99.2	7.9	7								
307011	2/Mar 3:47	25.2	9110	4555	3179	2.8	402	19.6:	25.2	9887	4943	3450	2.8	18.0:	25.1	94	47	25	4.9	1.6	2233	18576:	99.2	7.9	7								
30701																																	

ELEMENTS TESTED										FEED WATER PARAMETERS										THERMAL STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA			
Serial Number	Date	Time	Inlet Temp	Cond	IUS	pH	Cl ⁻	IUS	pH	Inlet Flow	Temp	GPM	deg C	W/W	pH	Temp	GPM	deg C	Cond	IUS	Cl ⁻	pH	Pillow GPM	Pillow Flow	Cl ⁻	Percent Delta																	
Numer			: deg F	: uoahs	: ppm	:	: ppm	: ppm	:	: psi	: deg F	:	: deg C	:	:	: deg F	:	: deg C	: uoahs	: ppm	: ppm	:	:	: gpm	: lbf/day	: %	: psi																
307011	2/Mar	4:17	25.2	9159	4580	3196	2.8	402	19.6:	25.2	9940	4970	3469	2.8	18.0:	25.1	93	46	25	4.9	1.6	2232	18598:	99.2	7.9	7																	
307011	2/Mar	4:43	25.2	9114	4557	3181	2.8	402	19.5:	25.2	9867	4944	3451	2.8	18.0:	25.1	92	46	25	4.9	1.5	2227	18546:	99.2	7.9	7																	
307011	2/Mar	4:58	25.2	9134	4567	3188	2.8	402	19.5:	25.2	9910	4955	3459	2.8	18.0:	25.1	92	46	25	4.9	1.5	2275	18590:	99.2	7.9	8																	
307011	2/Mar	5:13	25.2	9154	4577	3195	2.8	403	19.5:	25.2	9930	4965	3466	2.8	18.0:	25.1	92	46	24	4.9	1.5	2220	18468:	99.2	7.9	8																	
307011	2/Mar	5:28	25.2	9082	4541	3170	2.8	403	19.5:	25.2	9853	4926	3459	2.8	18.0:	25.1	91	46	24	4.9	1.5	2223	18513:	99.2	7.9	6																	
307011	2/Mar	5:43	25.2	9163	4582	3198	2.8	402	19.5:	25.2	9936	4968	3468	2.8	18.0:	25.1	91	45	24	4.9	1.5	2208	18388:	99.2	7.8	8																	
307011	2/Mar	5:58	25.2	9120	4560	3183	2.8	402	19.5:	25.2	9891	4946	3452	2.8	18.0:	25.1	91	45	24	4.9	1.5	2214	18438:	99.2	7.9	8																	
307011	2/Mar	6:13	25.2	9124	4562	3184	2.8	402	19.5:	25.2	9894	4947	3453	2.8	18.0:	25.1	90	45	24	4.9	1.5	2219	18405:	99.2	7.9	6																	
307011	2/Mar	6:28	25.2	9155	4577	3195	2.8	402	19.5:	25.2	9927	4964	3465	2.8	18.0:	25.1	90	45	24	4.9	1.5	2210	18405:	99.3	7.9	7																	
307014	2/Mar	6:43	25.2	9224	4612	3219	2.8	405	19.5:	25.2	10062	5041	3519	2.8	17.8:	25.1	105	52	28	4.8	1.7	2413	20056:	99.1	8.6	7																	
307014	2/Mar	6:53	25.1	9162	4581	3197	2.8	404	19.6:	25.1	10063	5002	3491	2.8	17.9:	25.0	101	50	27	4.9	1.7	2394	19937:	99.2	8.5	7																	
307014	2/Mar	7:13	25.2	9166	4583	3199	2.8	401	19.5:	25.2	10060	5000	3490	2.8	17.9:	25.1	99	49	26	4.9	1.6	2373	19762:	99.2	8.4	7																	
307014	2/Mar	7:28	25.2	9200	4600	3211	2.8	402	19.6:	25.2	10039	5020	3504	2.8	17.9:	25.1	97	49	26	4.9	1.7	2376	19767:	99.2	8.4	7																	
307014	2/Mar	7:43	25.1	9149	4574	3193	2.8	403	19.5:	25.1	9981	4950	3483	2.8	17.9:	25.0	90	48	25	4.9	1.6	2370	19737:	99.2	8.4	7																	
307014	2/Mar	7:58	25.2	9112	4556	3180	2.8	405	19.5:	25.2	9941	4971	3469	2.8	17.9:	25.1	94	47	25	4.9	1.6	2369	19729:	99.2	8.4	7																	
307014	2/Mar	8:13	25.1	9115	4557	3181	2.8	403	19.5:	25.1	9941	4971	3469	2.8	17.9:	25.0	93	47	25	4.9	1.6	2361	19662:	99.2	8.4	7																	
307014	2/Mar	8:33	25.2	9213	4607	3215	2.8	405	19.5:	25.2	10044	5022	3505	2.8	17.9:	25.1	94	47	25	4.9	1.6	2349	19563:	99.2	8.4	7																	
307014	2/Mar	8:48	25.1	9257	4629	3231	2.8	402	18.7:	25.1	9687	4844	3381	2.8	17.9:	25.1	93	47	25	4.9	1.8	1210	10077:	99.2	4.5	7																	
307014	2/Mar	9:1	25.2	9182	4591	3204	2.8	402	19.5:	25.2	10008	5004	3473	2.8	17.9:	25.1	92	46	25	4.9	1.6	2344	19521:	99.2	8.3	7																	
307014	2/Mar	9:14	25.2	9219	4609	3217	2.8	402	19.5:	25.2	10049	5024	3507	2.8	17.9:	25.1	91	46	24	4.9	1.6	2344	19521:	99.2	8.3	7																	
307014	2/Mar	9:34	25.2	9202	4605	3214	2.8	402	19.5:	25.2	10037	5019	3503	2.8	17.9:	25.1	90	45	24	4.9	1.6	2341	19498:	99.2	8.3	7																	
307014	2/Mar	9:49	25.2	9102	4551	3176	2.8	402	19.5:	25.2	9920	4960	3462	2.8	17.9:	25.1	90	45	24	4.9	1.6	2342	19504:	99.2	8.3	7																	
307014	2/Mar	10:1	25.2	9143	4571	3191	2.8	402	19.5:	25.2	9984	4982	3477	2.8	17.9:	25.1	89	45	24	4.9	1.6	2358	19471:	99.3	8.3	7																	
307014	2/Mar	10:19	25.2	9173	4586	3201	2.8	402	19.5:	25.2	9997	4995	3469	2.8	17.9:	25.1	89	44	24	4.9	1.6	2338	19471:	99.3	8.3	7																	
307014	2/Mar	10:40	25.2	9185	4593	3206	2.8	403	19.5:	25.2	10007	5004	3492	2.8	17.9:	25.1	88	44	24	4.9	1.6	2329	19396:	99.3	8.3	7																	
307014	2/Mar	10:55	25.2	9155	4578	3195	2.8	403	17.5:	25.2	9975	4988	3481	2.8	17.9:	25.1	88	44	23	4.9	1.6	2331	19413:	99.3	8.3	7																	
307014	2/Mar	11:10	25.2	9191	4596	3208	2.8	403	19.5:	25.2	10013	5007	3495	2.8	17.9:	25.1	88	44	23	4.9	1.6	2327	19391:	99.3	8.3	7																	
307014	2/Mar	11:25	25.2	9153	4577	3195	2.8	403	19.5:	25.2	9971	4985	3480	2.8	17.9:	25.1	87	43	23	4.9	1.6	2324	19354:	99.3	8.3	7																	
307014	2/Mar	11:40	25.2	9122	4561	3184	2.8	402	19.5:	25.2	9935	4948	3467	2.8	17.9:	25.1	87	43	23	4.9	1.6	2320	19321:	99.3	8.3	7																	
307014	2/Mar	11:55	25.2	9184	4592	3205	2.9	402	19.5:	25.2	10002	5001	3491	2.9	17.9:	25.1	87	43	23	4.9	1.6	2320	19321:	99.3	8.3	7																	
307014	2/Mar	12:10	25.2	9165	4582	3199	2.9	403	19.5:	25.2	9980	4990	3483	2.9	17.9:	25.1	86	43	23	4.9	1.6	2315	19279:	99.3	8.2	7																	
307014	2/Mar	12:37	25.2	9206	4603	3213	2.9	403	19.5:	25.2	10024	5012	3498	2.9	17.8:	25.0	86	43	23	4.9	1.6	2314	19271:	99.3	8.2	7																	
307014	2/Mar	12:52	25.2	9119	4560	3183	2.9	402	19.5:	25.2	9936	4965	3466	2.9	17.9:	25.1	86	43	23	4.9	1.6	2313	19263:	99.3	8.2	7																	
307010	2/Mar	16:12	25.2	9202	4601	3212	2.9	402	19.6:	25.2	10071	5036	3515	2.9	17.9:	25.1	80	40	21	4.9	1.7	2455	20445:	99.3	8.7	8																	
307010	2/Mar	16:27	25.2	9105	4552	3178	2.9	402	19.5:	25.2	9970	4985	3480	2.9	17.8:	25.1	80	40	21	4.9	1.7	2458	20470:	99.3	8.8	8																	
307010	2/Mar	16:42	25.1	9140	4570	3190	2.9	402	19.5:	25.1	10006	5003	3492	2.9	17.8:	25.0	79	40	21	4.9	1.7	2448	20387:	99.3	8.7	7																	
307010	2/Mar	16:57	25.1	9214	4607	3216	2.9	403	19.6:	25.1	10079	5040	3518	2.9	17.9:	25.0	79	39	21	4.9	1.7	2442	20337:	99.3	8.7	7																	
307010	2/Mar	17:12	25.2	9243	4621	3226	2.9	403	19.5:	25.2	10114	5037	3530	2.9	17.8:	25.0	79	39	21	4.9	1.7	2439	20312:	99.3	8.7	7																	
307010	2/Mar	17:27	25.2	9203	4601	3212	2.9	402	19.5:	25.2	10071	5036	3515	2.9	17.8:	25.1	78	39	21	4.9	1.7	2441	20329:	99.4	8.7	7																	
307010	2/Mar	17:42	25.2	9216	4608	3216	2.9	402	19.5:	25.2	10086	5043	3520	2.9	17.8:	25.1	78	39	21	4.9	1.7	2440	20320:	99.4	8.7	7																	
307010	2/Mar	17:57	25.2	9147	4573	3192	2.9	402	19.6:	25.2	10004	5002	3492	2.9	17.9:	25.1	77	39	21	4.9	1.7	2437	20295:	99.4	8.6	7																	
307010	2/Mar	18:12	25.2	9128	4564	3186	2.9	402	19.5:	25.2	9986	4993	3485	2.9	17.8:	25.1	77	38	21	4.9	1.7	2431	20245:	99.4	8.7	7																	
307010	2/Mar	18:27	25.1	9190	4595	3207	2.9	403	19.6:	25.1	10046	5023	3506	2.9	17.9:	25.0	76	38	20	4.9	1.7	2422	20170:	99.4	8.6	7																	
307010	2/Mar	18:42	25.2	9215	4608	3216	2.9	403	19.6:	25.2	10076	5036	3517	2.9	17.9:	25.0	76	38	20	4.9	1.7	2428	20201:	99.4	8.6	7																	
307010	2/Mar	18:57	25.2	9191	4595	3208	2.9	403	19.6:	25.2	10049	5025	3507	2.9	17.9:	25.0	76	36	20	4.9	1.7	2427	20212:	99.4	8.6	7																	
307010	2/Mar	19:12	25.2	9216	4608	3216	2.9	402	19.6:	25.2	10077	5038	3517	2.9	17.9:	25.1	76	38	20	4.9	1.7	2427	20212:	99.4	8.6	7																	
307010	2/Mar	19:27	25.2	9225	4612	3219	2.9	402	19.6:	25.2	10084	5042	3519	2.9	17.9:	25.1	75	38	20	4.9	1.7	2422	20170:	99.4	8.6	7																	
307010	2/Mar	19:42	25.2	9154	4577	3195	2.9	402	19.6:	25.2	10006	5003	3492	2.9	17.9:	25.1	75	38	20	4.9	1.7	2420	20154:	99.4	8.6	7																	
307010	2/Mar	19:57	25.2	9177	4569	3203	2.9	402	19.6:	25.2	10031	5015	3501	2.9	17.9:	25.1	75	36	20	4.9	1.7	2417	20129:	99.4	8.6	7																	
307010	2/Mar	20:12	25.2	9163	4561	3158	2.9	402	19.6:	25.2	10014	5007	3495	2.9	17.9:	25.1	75	38	20	4.9	1.7	2415	20112:	99.4	8.6	8																	
307010	2/Mar	20:27	25.1	9144	4572	3191	2.9	403	19.6:	25.1	9993	4996	3487	2.9	17.9:	25.0	75	37	20	4.9	1.7	2412	200																				

ELEMENTS TESTED										FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Serial Date	Time	Temp	Cond	TDS	Cl-	pH	Inlet	Fllow	Temp	Cond	TDS	Cl-	pH	Wflow	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	pH	Fllow	GPM	Temp	Cond	TDS	Cl-	p

ELEMENTARY TESTS										FIELD WATER PARAMETERS										TAPLINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA			
Serial Number	Date	Time	Temp	Cord	IOS	CI-	pH	Inlet PSI	Filow	Temp	Lond	IOS	CI-	pH	Milow	Temp	Cond	IOS	CI-	pH	Pfilow	Ffilow	GFM	BFD	16/day	1 Rej	Percent Delta																
Number			: deg C		ppm	ppm				: deg C	uonhs	ppm	ppm			: deg C	uonhs	ppm	ppm																								
307014	3/Mar	11:27	25.1	9271	4635	3235	2.9	403	19.5	25.1	10060	5045	3521	2.9	17.9	25.0	83	42	22	5.0	1.6	2300	19154	99.3	8.2	8																	
307014	3/Mar	11:42	25.1	9361	4650	3246	2.9	403	19.5	25.1	10123	5061	3533	2.9	17.9	25.0	83	42	22	5.0	1.6	2299	19146	99.3	8.2	8																	
307014	3/Mar	11:57	25.2	9326	4663	3255	2.9	403	19.5	25.2	10151	5075	3543	2.9	17.9	25.1	83	41	22	5.0	1.6	2301	19163	99.3	8.2	8																	
307014	3/Mar	12:12	25.2	9264	4632	3233	2.9	401	19.6	25.2	10077	5037	3517	2.9	18.0	25.1	83	41	22	5.0	1.6	2297	19173	99.3	8.1	8																	
307014	3/Mar	12:27	25.1	9233	4617	3222	2.9	402	19.6	25.1	10041	5020	3504	2.9	18.0	25.0	82	41	22	5.0	1.6	2288	19054	99.3	8.1	8																	
307014	3/Mar	12:42	25.1	9299	4649	3245	2.9	403	19.5	25.1	10118	5059	3531	2.9	17.9	25.0	82	41	22	5.0	1.6	2282	19088	99.3	8.2	8																	
307014	3/Mar	12:57	25.2	9288	4644	3241	2.9	402	19.5	25.2	10107	5054	3527	2.9	17.9	25.1	82	41	22	5.0	1.6	2294	19164	99.3	8.2	6																	
307014	3/Mar	13:12	25.2	9244	4622	3226	2.9	402	19.5	25.2	10080	5030	3511	2.9	17.9	25.1	81	41	22	5.0	1.6	2276	19121	99.3	8.2	8																	
307014	3/Mar	13:27	25.1	9295	4648	3244	2.9	402	19.5	25.1	10113	5057	3530	2.9	17.9	25.0	81	41	22	5.0	1.6	2288	19054	99.3	8.2	8																	
307014	3/Mar	13:42	25.2	9311	4656	3250	2.9	402	19.5	25.2	10132	5066	3536	2.9	17.9	25.1	81	41	22	5.0	1.6	2253	19076	99.3	8.2	8																	
307014	3/Mar	13:57	25.2	9239	4619	3224	2.9	407	19.4	25.2	10061	5030	3511	2.9	17.8	25.1	81	41	22	5.0	1.6	2301	19163	99.3	8.2	9																	
307014	3/Mar	14:12	25.2	9314	4657	3251	2.9	402	19.5	25.2	10134	5067	3537	2.9	17.9	25.1	81	40	22	5.0	1.6	2289	19063	99.3	8.2	8																	
307014	3/Mar	14:27	25.2	9269	4634	3235	2.9	402	19.5	25.2	10064	5042	3519	2.9	17.9	25.1	81	41	22	5.0	1.6	2287	19046	99.3	8.2	8																	
307014	3/Mar	14:42	25.2	9327	4664	3255	2.9	403	19.5	25.2	10147	5074	3541	2.9	17.9	25.0	81	40	22	5.0	1.6	2285	19020	99.3	8.1	6																	
307014	3/Mar	14:57	25.2	9272	4636	3236	2.9	401	19.4	25.2	10081	5041	3518	2.9	17.8	25.1	81	41	22	5.0	1.6	2257	18756	99.3	8.1	9																	
307014	3/Mar	15:12	25.2	9316	4658	3251	2.9	402	19.6	25.2	10130	5065	3535	2.9	18.0	25.0	80	40	21	5.0	1.6	2283	19013	99.3	8.1	8																	
307014	3/Mar	15:27	25.2	9248	4624	3227	2.9	402	19.5	25.2	10059	5030	3511	2.9	17.9	25.1	80	40	21	5.0	1.6	2282	19005	99.3	8.1	8																	
307014	3/Mar	15:42	25.2	9239	4619	3224	2.9	402	19.5	25.2	10051	5025	3508	2.9	17.9	25.1	80	40	21	5.0	1.6	2285	19020	99.3	8.1	8																	
307014	3/Mar	15:57	25.2	9336	4668	3258	2.9	402	19.6	25.2	10150	5075	3542	2.9	18.0	25.0	80	40	21	5.0	1.6	2280	18988	99.3	8.1	8																	
307010	3/Mar	16:12	25.2	9298	4649	3245	2.9	401	19.5	25.2	10171	5086	3550	2.9	17.6	25.1	82	41	22	4.8	1.7	2429	20227	96.3	8.7	7																	
307010	3/Mar	16:27	25.2	9309	4654	3249	2.9	402	19.5	25.2	10177	5089	3552	2.9	17.8	25.1	79	40	21	4.9	1.7	2413	20096	99.4	8.6	8																	
307010	3/Mar	16:42	25.2	9266	4633	3234	2.9	402	19.5	25.2	10132	5066	3536	2.9	17.8	25.1	78	39	21	4.9	1.7	2415	20112	99.4	8.6	8																	
307010	3/Mar	16:57	25.2	9338	4669	3259	3.0	403	19.5	25.2	10209	5104	3563	3.0	17.8	25.1	78	39	21	4.9	1.7	2410	20071	99.4	8.6	7																	
307010	3/Mar	17:12	25.1	9346	4673	3262	3.0	402	19.6	25.1	10209	5104	3563	3.0	17.9	25.0	77	36	21	4.9	1.7	2399	19979	99.4	8.5	7																	
307010	3/Mar	17:27	25.2	9288	4644	3242	3.0	402	19.5	25.2	10152	5076	3543	3.0	17.8	25.1	77	38	21	4.9	1.7	2405	20029	99.4	8.6	7																	

ELEMENT/TESTED				SPEED WATER PARAMETERS				SHEAR STRESS PARAMETERS				SPRINKLER WATER PARAMETERS				OTHER DATA			
Serial	Date	Time	Temp	Cond	105	CI-	ph	Inlet	Flow	Temp	Cond	105	CI-	ph	Flow	Temp	Cond	105	CI-
Number			deg C	uohs	ppm	ppm		psi	BFM	deg C	uohs	ppm	ppm	BFM	deg C	uohs	ppm	ppm	BFM
307019	28/Feb	13:13	24.4	9230	4615	2894	3.8	427	19.42	24.4	10053	5076	3152	3.8	17.61	24.4	228	114	71
307019	28/Feb	13:28	25.1	9135	4567	2864	3.7	427	19.41	25.1	9945	4975	3119	3.7	17.61	25.1	97	49	30
307019	28/Feb	13:43	25.1	9150	4575	2869	3.6	436	19.51	25.1	9963	4982	3124	3.6	17.71	25.0	91	45	29
307019	28/Feb	13:58	25.1	9176	4588	2877	3.6	435	19.41	25.1	9796	4950	3134	3.6	17.61	25.1	88	44	28
307019	28/Feb	14:13	25.1	9161	4580	2872	3.5	436	19.41	25.1	9989	4950	3129	3.5	17.71	25.0	85	43	27
307019	28/Feb	14:28	25.2	9190	4595	2881	3.5	436	19.41	25.2	10012	5066	3139	3.5	17.71	25.1	84	42	26
307019	28/Feb	14:43	25.1	9178	4589	2877	3.5	435	19.41	25.1	9959	5069	3135	3.5	17.71	25.0	83	41	26
307019	28/Feb	14:58	25.2	9121	4560	2860	3.4	435	19.41	25.2	9937	4967	3115	3.4	17.71	25.1	82	41	26
307019	28/Feb	15:12	25.2	9137	4567	2865	3.3	435	19.41	25.2	9955	4977	3121	3.3	17.71	25.1	81	40	25
307019	28/Feb	15:42	25.2	9197	4599	2883	3.3	436	19.41	25.2	10020	5010	3142	3.3	17.71	25.1	80	40	25
307019	28/Feb	15:57	25.2	9126	4583	2861	3.3	436	19.41	25.2	9938	4969	3116	3.3	17.81	25.1	80	40	25
307019	28/Feb	16:12	25.2	9175	4587	2876	3.2	434	19.51	25.2	9990	4955	3132	3.2	17.81	25.1	80	40	25
307019	28/Feb	16:27	25.2	9202	4601	2885	3.2	436	19.51	25.2	10021	5011	3142	3.2	17.81	25.0	79	40	25
307019	28/Feb	16:42	25.2	9135	4567	2864	3.2	436	19.51	25.2	9948	4974	3119	3.2	17.81	25.1	79	39	25
307019	28/Feb	16:57	25.2	9213	4607	2869	3.1	435	19.51	25.2	10033	5017	3146	3.1	17.81	25.1	79	40	25
307019	28/Feb	17:12	25.2	9194	4597	2882	3.1	435	19.41	25.2	10017	5009	3141	3.1	17.71	25.0	79	39	25
307019	28/Feb	17:27	25.2	9141	4570	2866	3.0	436	19.41	25.2	9960	4962	3122	3.0	17.81	25.1	79	39	25
307019	28/Feb	17:42	25.2	9222	4611	2891	3.0	436	19.41	25.2	10048	5024	3150	3.0	17.81	25.1	79	39	25
307019	28/Feb	17:57	25.2	9234	4617	2895	3.0	436	19.41	25.2	10061	5031	3154	3.0	17.81	25.0	79	39	25
307019	28/Feb	18:12	25.2	9173	4587	2876	2.9	435	19.41	25.2	9995	4997	3133	2.9	17.81	25.1	77	39	25
307019	28/Feb	18:27	25.2	9254	4627	2901	2.9	435	19.41	25.2	10087	5041	3161	2.9	17.81	25.1	78	39	24
307019	28/Feb	18:42	25.2	9271	4635	2907	2.8	436	19.41	25.2	10102	5051	3167	2.8	17.61	25.0	78	39	24
307019	28/Feb	18:57	25.2	9245	4623	2898	2.8	436	19.41	25.2	10078	5037	3158	2.8	17.81	25.1	78	39	24
307019	28/Feb	19:12	25.2	9306	4653	2918	2.8	435	19.41	25.2	10140	5070	3179	2.8	17.81	25.0	77	39	24
307019	28/Feb	19:27	25.2	9280	4630	2903	2.8	435	19.41	25.2	10090	5045	3163	2.8	17.81	25.1	77	39	24
307019	28/Feb	19:42	25.2	9328	4664	2974	2.8	435	19.41	25.2	10164	5082	3186	2.8	17.81	25.1	77	38	24
307019	28/Feb	19:57	25.2	9307	4654	2918	2.8	436	19.41	25.2	10141	5071	3169	2.8	17.81	25.0	76	38	24
307019	28/Feb	20:12	25.2	9249	4624	2900	2.8	435	19.41	25.2	10078	5039	3160	2.8	17.61	25.1	76	38	24
307019	28/Feb	20:27	25.2	9303	4651	2917	2.8	435	19.41	25.2	10137	5068	3178	2.8	17.81	25.1	75	38	24
307019	28/Feb	20:42	25.2	9284	4642	2911	2.8	436	19.41	25.2	10116	5058	3172	2.8	17.81	25.1	75	37	24
307019	28/Feb	20:57	25.2	9214	4607	2889	2.8	436	19.41	25.2	10040	5020	3148	2.8	17.81	25.1	75	37	24
307000	28/Feb	21:12	25.2	9271	4635	2907	2.6	434	19.51	25.2	10088	5044	3163	2.8	18.11	25.1	211	106	66
307000	28/Feb	21:27	25.2	9207	4604	2887	2.7	435	19.51	25.2	10021	5010	3142	2.7	18.11	25.1	177	89	55
307000	28/Feb	21:42	25.2	9216	4608	2889	2.7	436	19.51	25.2	10032	5016	3145	2.7	18.11	25.1	182	81	51
307000	28/Feb	21:57	25.2	9301	4650	2916	2.7	436	19.51	25.2	10125	5062	3174	2.7	18.11	25.0	152	76	48
307000	28/Feb	22:12	25.2	9246	4623	2899	2.7	435	19.51	25.2	10066	5033	3156	2.7	18.11	25.1	144	72	45
307000	28/Feb	22:27	25.2	9256	4646	2914	2.7	435	19.51	25.2	10121	5060	3173	2.7	18.11	25.1	139	70	44
307000	28/Feb	22:42	25.2	9294	4647	2914	2.7	436	19.51	25.2	10128	5064	3175	2.7	17.91	25.0	134	67	42
307000	28/Feb	22:57	25.2	9227	4613	2893	2.7	435	19.51	25.2	10046	5023	3150	2.7	18.11	25.1	132	66	41
307000	28/Feb	23:12	25.2	9256	4648	2914	2.7	435	18.81	25.2	10155	5077	3184	2.7	17.41	25.1	129	64	40
307000	28/Feb	23:27	25.1	9273	4637	2907	2.7	436	19.51	25.1	10098	5048	3165	2.7	18.11	25.0	127	63	40
307000	28/Feb	23:42	25.2	9256	4628	2902	2.7	435	19.51	25.2	10076	5039	3160	2.7	18.11	25.1	125	62	39
307000	28/Feb	23:57	25.2	9301	4651	2916	2.7	435	19.51	25.2	10127	5064	3175	2.7	18.11	25.0	122	61	38
307000	1/Mar	0:12	25.2	9249	4625	2900	2.7	435	19.51	25.2	10071	5035	3157	2.7	18.11	25.1	121	60	38
307000	1/Mar	0:27	25.2	9321	4660	2922	2.7	435	19.51	25.2	10149	5075	3182	2.7	18.11	25.1	119	60	37
307000	1/Mar	0:42	25.2	9327	4664	2924	2.7	436	19.51	25.2	10156	5078	3184	2.7	18.11	25.0	118	59	37
307000	1/Mar	0:57	25.2	9245	4622	2898	2.7	435	19.51	25.2	10067	5033	3156	2.7	18.11	25.1	116	59	36
307000	1/Mar	1:12	25.2	9299	4650	2915	2.7	435	19.51	25.2	10126	5063	3175	2.7	18.11	25.1	115	58	36
307000	1/Mar	1:27	25.2	9298	4649	2915	2.7	436	19.41	25.2	10129	5065	3176	2.7	18.61	25.0	114	57	36
307000	1/Mar	1:42	25.2	9260	4630	2903	2.7	436	19.51	25.2	10087	5042	3161	2.7	18.11	25.1	113	57	35
307000	1/Mar	1:57	25.2	9239	4619	2897	2.7	435	19.51	25.2	10061	5030	3154	2.7	18.11	25.1	112	56	35
307000	1/Mar	2:12	25.2	9305	4653	2917	2.7	436	19.51	25.2	10133	5066	3177	2.7	18.11	25.1	111	56	35
307000	1/Mar	2:27	25.2	9269	4635	2905	2.7	436	19.51	25.2	10093	5047	3164	2.7	18.11	25.1	110	55	34
307000	1/Mar	2:42	25.2	9271	4637	2907	2.7	436	19.51	25.2	10103	5049	3166	2.7	18.11	25.1	109	54	34

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ELEMENT/TESTED										PUMP WATER PARAMETERS										TOWER WATER PARAMETERS										OTHER DATA									
Serial	Date	Time	Temp	Cond	US	Cl-	pH	Inlet	Flow	Temp	Cond	US	Cl-	pH	Wflow	Temp	Cond	US	Cl-	pH	Flow	Temp	Cond	US	Cl-	pH	Flow	Temp	Cond	US	Cl-	pH							
Number			deg C	u/s	ppm	ppm		psi	GPM	deg C	u/s	ppm	ppm		GPM	deg C	u/s	ppm	ppm		GPM	deg C	u/s	ppm	ppm		GPM	deg C	u/s	ppm	ppm								
307019	1/18/87	15:57	25.2	9242	4621	2697	2.7	435	19.51	25.2	10666	5033	3156	2.7	17.91	25.1	71	37	23	4.9	1.6	2250	187361	99.2	8.0	6													
307019	1/18/87	16:12	25.2	9319	4660	2922	2.7	435	19.51	25.2	10156	5075	3162	2.7	17.91	25.1	71	36	23	4.9	1.6	2244	186921	99.3	8.0	6													
307019	1/18/87	16:27	25.2	9319	4659	2922	2.7	435	19.41	25.2	10155	5071	3164	2.7	17.81	25.0	72	36	23	4.9	1.6	2239	186481	99.3	8.0	6													
307019	1/18/87	16:42	25.2	9320	4660	2922	2.7	435	19.51	25.2	10151	5076	3163	2.7	17.91	25.1	72	36	23	4.9	1.6	2242	186251	99.3	8.0	6													
307019	1/18/87	16:57	25.2	9366	4655	2918	2.7	435	19.41	25.2	10141	5070	3179	2.7	17.81	25.1	72	36	23	4.9	1.6	2240	18571	99.3	8.0	6													
307019	1/18/87	17:12	25.2	9344	4672	2929	2.7	436	19.41	25.2	10162	5101	3192	2.7	17.81	25.0	72	36	23	4.9	1.6	2237	185101	99.3	8.0	7													
307019	1/18/87	17:27	25.1	9236	4616	2896	2.7	435	19.41	25.1	10064	5072	3155	2.7	17.91	25.0	71	36	22	4.9	1.5	2230	182691	99.3	8.0	6													
307019	1/18/87	17:42	25.2	9255	4649	2915	2.7	435	19.41	25.2	10133	5167	3177	2.7	17.81	25.1	71	36	22	4.9	1.6	2236	186231	99.3	8.0	6													
307019	1/18/87	17:57	25.2	9303	4651	2917	2.7	436	19.41	25.2	10137	5069	3178	2.7	17.91	25.0	71	35	22	4.9	1.5	2230	185691	99.3	8.0	7													
307019	1/18/87	18:12	25.2	9244	4622	2898	2.7	436	19.41	25.2	10073	5037	3158	2.7	17.91	25.1	71	35	22	4.9	1.5	2229	185611	99.3	8.0	7													
307019	1/18/87	18:27	25.2	9310	4655	2919	2.7	435	19.41	25.2	10145	5073	3181	2.7	17.91	25.1	71	35	22	4.9	1.5	2228	185521	99.3	8.0	6													
307019	1/18/87	18:42	25.2	9287	4644	2912	2.7	436	19.41	25.2	10120	5060	3173	2.7	17.91	25.0	70	35	22	4.9	1.5	2223	185171	99.3	8.0	7													
307019	1/18/87	18:57	25.2	9260	4630	2903	2.7	435	19.41	25.2	10051	5045	3164	2.7	17.91	25.1	70	35	22	4.9	1.5	2223	185171	99.3	8.0	6													
307019	1/18/87	19:12	25.2	9256	4648	2914	2.7	435	19.41	25.2	10130	5065	3176	2.7	17.91	25.1	70	35	22	4.9	1.5	2222	185081	99.3	8.0	6													
307019	1/18/87	19:27	25.2	9269	4635	2906	2.7	436	19.41	25.2	10160	5059	3167	2.7	17.91	25.0	70	35	22	4.9	1.5	2218	184731	99.3	7.9	7													
307019	1/18/87	19:42	25.2	9248	4624	2895	2.7	435	19.41	25.2	10078	5039	3159	2.7	17.91	25.1	70	35	22	4.9	1.5	2218	184731	99.3	7.9	6													
307019	1/18/87	19:57	25.2	9305	4653	2917	2.7	434	19.41	25.2	10140	5070	3179	2.7	17.91	25.1	70	35	22	4.9	1.5	2212	184261	99.3	7.9	5													
307019	1/18/87	20:12	25.2	9307	4654	2918	2.7	435	19.41	25.2	10142	5071	3180	2.7	17.91	25.1	70	35	22	4.9	1.5	2217	184641	99.3	7.9	7													
307019	1/18/87	20:27	25.2	9255	4627	2902	2.7	435	19.41	25.2	10035	5043	3162	2.7	17.91	25.1	70	35	22	4.9	1.5	2214	184381	99.3	7.9	6													
307019	1/18/87	20:42	25.2	9340	4670	2928	2.7	435	19.41	25.2	10178	5089	3191	2.7	17.91	25.1	70	35	22	4.9	1.5	2213	184291	99.3	7.9	6													
307019	1/18/87	20:57	25.2	9264	4632	2904	2.7	436	19.41	25.2	10075	5048	3165	2.7	17.91	25.1	69	35	22	4.9	1.5	2206	183651	99.3	7.9	7													
307019	1/18/87	21:12	25.2	9263	4632	2904	2.7	434	19.51	25.2	10066	5043	3162	2.7	18.11	25.1	121	60	38	4.6	1.4	1965	162621	98.7	7.0	5													
307019	1/18/87	21:27	25.2	9320	4660	2922	2.7	434	19.51	25.2	10149	5074	3182	2.7	18.11	25.1	112	56	35	4.8	1.4	1959	163181	98.6	7.0	5													
307019	1/18/87	21:42	25.2	9287	4643	2912	2.7	436	19.51	25.2	10013	5057	3171	2.7	18.11	25.1	109	55	34	4.9	1.4	1957	163001	98.9	7.0	7													
307019	1/18/87	21:57	25.2	9274	4637	2908	2.7	435	19.51	25.2	10099	5050	3166	2.7	18.11	25.1	107	54	34	4.9	1.4	1958	163091	98.9	7.0	6													
307019	1/18/87	22:12	25.2	9327	4684	2924	2.7	435	19.51	25.2	10157	5079	3164	2.7	18.11	25.0	105	53	33	4.9	1.4	1952	162541	98.9	7.0	6													
307019	1/18/87	22:27	25.2	9229	4614	2893	2.7	436	19.51	25.2	10050	5025	3151	2.7	18.11	25.1	104	52	33	4.9	1.4	1950	162391	98.9	6.9	7													
307019	1/18/87	22:42	25.2	9217	4608	2880	2.7	435	19.51	25.2	10037	5019	3147	2.7	18.11	25.1	104	52	33	4.9	1.4	1950	162391	98.9	6.9	6													
307019	1/18/87	22:57	25.2	9295	4648	2914	2.7	435	19.51	25.2	10122	5061	3174	2.7	18.11	25.0	102	51	32	5.0	1.4	1947	162131	98.9	6.9	6													
307019	1/18/87	23:12	25.1	9213	4607	2886	2.7	435	19.51	25.1	10023	5017	3146	2.7	18.21	25.1	102	51	32	5.0	1.3	1943	161781	98.9	6.9	6													
307019	1/18/87	23:27	25.2	9276	4638	2908	2.7	435	19.51	25.2	10102	5051	3167	2.7	18.11	25.1	101	50	32	5.0	1.4	1946	162041	99.0	6.9	6													
307019	1/18/87	23:42	25.2	9265	4644	2912	2.7	436	19.51	25.2	10116	5058	3172	2.7	18.21	25.0	100	50	31	5.0	1.3	1943	161781	99.0	6.9	7													
307019	1/18/87	23:57	25.2	9223	4612	2892	2.7	435	19.51	25.2	10044	5022	3149	2.7	18.21	25.1	100	50	31	5.0	1.3	1942	161691	99.0	6.9	6													
307019	1/18/87	00:12	25.2	9268	4644	2912	2.7	435	19.51	25.2	10115	5057	3171	2.7	18.21	25.1	100	50	31	5.0	1.3	1940	161601	99.0	6.9	6													
307019	1/18/87	00:27	25.2	9280	4640	2909	2.7	436	19.51	25.2	1010																												

ELEMENTS TESTED			SPEED WATER PARAMETERS										TANK THE STEERING PARAMETERS										INFAUCTION WATER PARAMETERS										OTHER DATA			
Serial Number	Date	Time	Temp	Cond	IUS	CI-	ph	Inlet	Fflow	BPH	deg C	leap	Cond	IUS	CI-	ph	Mlow	leap	Cond	IUS	CI-	ph	Flow	GPM	Pflow	Pflow	CI-	Percent Delta								
						ppa		psi						ppa	ppa					ppa	ppa							psi								
307016	2/Mar	5:12	25.2	9226	4613	2852	2.7	434	19.41		25.2	10051	5075	3151	2.7	17.71	25.1	95	48	30	4.5	1.7	2454	204361	99.0	8.8	5									
307016	2/Mar	5:27	25.2	9233	4616	2855	2.7	435	19.41		25.2	10055	5079	3154	2.7	17.71	25.1	89	44	28	4.7	1.7	2449	203521	99.1	8.8	6									
307016	2/Mar	5:42	25.1	9234	4617	2855	2.7	436	19.41		25.1	10060	5030	3154	2.7	17.71	25.0	66	43	27	4.8	1.7	2439	203121	99.1	8.7	7									
307016	2/Mar	5:57	25.2	9199	4600	2884	2.7	435	19.41		25.2	10022	5011	3142	2.7	17.71	25.1	84	42	26	4.6	1.7	2435	202721	99.1	8.7	6									
307016	2/Mar	6:12	25.2	9253	4626	2701	2.7	435	19.41		25.2	10081	5041	3161	2.7	17.71	25.1	83	42	26	4.8	1.7	2420	201531	99.1	8.7	6									
307016	2/Mar	6:27	25.1	9271	4636	2907	2.7	436	19.41		25.1	10101	5050	3167	2.7	17.71	25.0	82	41	26	4.8	1.7	2414	201031	99.2	8.6	7									
307016	2/Mar	6:45	25.2	9251	4626	2900	2.7	436	19.41		25.2	10079	5040	3160	2.7	17.71	25.1	82	41	26	4.8	1.7	2406	200431	99.2	8.6	7									
307016	2/Mar	7:1	25.2	9278	4635	2909	2.7	435	19.41		25.2	10119	5054	3169	2.7	17.71	25.1	81	41	25	4.8	1.7	2402	200031	99.2	8.6	6									
307016	2/Mar	7:16	25.2	9285	4643	2911	2.7	434	19.41		25.2	10116	5058	3172	2.7	17.71	25.1	61	40	25	4.8	1.7	2401	199531	99.2	8.6	7									
307016	2/Mar	7:31	25.2	9227	4613	2853	2.7	435	19.41		25.2	10053	5027	3152	2.7	17.71	25.1	80	40	25	4.6	1.7	2359	199531	99.2	8.6	6									
307016	2/Mar	7:46	25.2	9225	4613	2892	2.7	436	19.51		25.2	10046	5023	3150	2.7	17.81	25.1	80	40	25	4.9	1.7	2394	199331	99.2	8.5	7									
307016	2/Mar	8:1	25.2	9236	4618	2896	2.7	435	19.41		25.2	10063	5032	3155	2.7	17.71	25.1	79	40	25	4.9	1.7	2389	198931	99.2	8.6	6									
307016	2/Mar	8:16	25.2	9197	4598	2863	2.7	435	19.41		25.2	10021	5010	3142	2.7	17.71	25.1	79	40	25	4.9	1.7	2367	198531	99.2	8.5	6									
307016	2/Mar	8:31	25.2	9198	4595	2884	2.7	436	19.41		25.2	10022	5011	3142	2.7	17.71	25.1	79	39	25	4.9	1.7	2363	198431	99.2	8.5	7									
307016	2/Mar	8:46	25.2	9197	4593	2883	2.7	436	19.41		25.2	10021	5010	3142	2.7	17.71	25.1	78	39	24	4.9	1.7	2379	198141	99.2	8.5	7									
307016	2/Mar	9:1	25.2	9242	4621	2897	2.7	435	19.41		25.2	10070	5035	3157	2.7	17.71	25.1	78	39	24	4.9	1.7	2379	198141	99.2	8.5	6									
307016	2/Mar	9:16	25.2	9165	4583	2873	2.7	435	19.41		25.2	9986	4933	3131	2.7	17.81	25.1	78	39	24	4.9	1.6	2373	197631	99.2	8.5	6									
307016	2/Mar	9:26	25.1	9201	4601	2885	2.7	436	19.41		25.1	10025	5013	3143	2.7	17.81	25.0	77	39	24	4.9	1.6	2370	197351	99.2	8.5	7									
307016	2/Mar	9:48	25.2	9175	4550	2878	2.7	435	19.41		25.2	10001	5001	3136	2.7	17.81	25.1	77	39	24	4.9	1.6	2371	197421	99.2	8.5	6									
307016	2/Mar	10:1	25.2	9216	4608	2869	2.7	436	19.41		25.2	10042	5011	3148	2.7	17.81	25.1	77	39	24	4.9	1.6	2369	197261	99.2	8.5	7									
307016	2/Mar	10:16	25.2	9143	4572	2866	2.7	435	19.41		25.2	9962	4981	3123	2.7	17.81	25.1	77	38	24	4.9	1.6	2370	1973531	99.2	8.5	6									
307016	2/Mar	10:31	25.2	9202	4601	2865	2.7	435	19.41		25.2	10028	5013	3143	2.7	17.81	25.1	77	38	24	4.9	1.6	2361	1964531	99.2	8.5	6									
307016	2/Mar	10:46	25.2	9215	4608	2889	2.7	436	19.41		25.2	10041	5020	3148	2.7	17.81	25.1	76	38	24	4.9	1.6	2363	196821	99.2	8.5	7									
307016	2/Mar	11:1	25.2	9166	4583	2874	2.7	434	19.41		25.2	9987	4994	3131	2.7	17.81	25.1	76	38	24	4.9	1.6	2355	196121	99.2	8.4	5									
307016	2/Mar	11:16	25.2	9165	4582	2873	2.7	435	19.41		25.2	9986	4993	3131	2.7	17.81	25.1	76	38	24	4.9	1.6	2354	1960331	99.2	8.4	6									
307016	2/Mar	11:31	25.2	9202	4601	2895	2.7	435	19.41		25.2	10026	5013	3143	2.7	17.81	25.1	76	38	24	4.9	1.6	2357	1963031	99.2	8.4	6									
307016	2/Mar	11:46	25.2	9204	4602	2886	2.7	435	19.41		25.2	10029	5014	3144	2.7	17.81	25.1	75	38	24	4.9	1.6	2357	196331	99.2	8.4	6									
307016	2/Mar	12:1	25.2	9222	4611	2891	2.7	435	19.41		25.2	10048	5024	3150	2.7	17.81	25.1	75	37	24	4.9	1.6	2352	195861	99.2	8.4	6									
307016	2/Mar	12:16	25.2	9223	4611	2892	2.7	435	19.41		25.2	10049	5025	3151	2.7	17.81	25.1	75	37	24	4.9	1.6	2350	1956431	99.2	8.4	6									
307016	2/Mar	12:31	25.2	9225	4617	2895	2.7	435	19.41		25.2	10063	5031	3155	2.7	17.81	25.1	74	37	23	4.9	1.6	2349	195551	99.2	8.4	6									
307016	2/Mar	12:46	25.2	9201	4603	2885	2.7	435	19.41		25.2	10026	5013	3143	2.7	17.81	25.1	74	37	23	4.9	1.6	2349	195531	99.2	8.4	6									
307016	2/Mar	13:1	25.2	9212	4606	2886	2.7	435	19.41		25.2	10038	5019	3147	2.7	17.81	25.1	74	37	23	4.9	1.6	2344	195241	99.2	8.4	6									

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ELEMENT/TESTED										FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										HEATED WATER PARAMETERS										COLD WATER PARAMETERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Serial Number	Date	Line	Temp	Cond	105	Cl-	pH	Inlet	Flow	Temp	Cond	105	Cl-	pH	Inlet	Flow	Temp	Cond	105	Cl-	pH	Milow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH	Flow	Temp	Cond	105	Cl-	pH</

[illegible]

ELEMENT/TESTED				FEED WATER PARAMETERS				BRINE SEPARATION PARAMETERS				PRODUCT WATER PARAMETERS				OTHER DATA			
Serial	Date	Time	Test	Temp	Cond	10S	Cl-	ph	Inlet	Flow	Temp	Cond	10S	Cl-	ph	Flow	Temp	Cond	10S
Number				deg C	uach	ppm	ppm		psi	gpm	deg C	uach	ppm	ppm		gpm	deg C	uach	ppm
307021	5/Mar	15:18	1	25.2	9184	4592	2879	3.1	435	19.4	25.2	9839	4919	3085	3.1	18.1	25.1	80	40
307021	5/Mar	15:33	1	25.2	9170	4585	2875	3.1	435	19.4	25.2	9824	4912	3080	3.1	18.1	25.1	79	40
307021	5/Mar	15:48	1	25.1	9198	4599	2884	3.1	436	19.4	25.1	9852	4926	3089	3.1	18.1	25.0	79	40
307021	5/Mar	16:3	1	25.3	9165	4583	2873	3.1	435	19.4	25.3	9818	4909	3078	3.1	18.1	25.1	79	39
307021	5/Mar	16:18	1	25.2	9246	4623	2899	3.1	435	19.4	25.2	9706	4953	3106	3.1	18.1	25.1	79	39
307021	5/Mar	16:33	1	25.2	9143	4571	2866	3.1	435	19.4	25.2	9794	4897	3071	3.1	18.1	25.1	78	39
307021	5/Mar	16:48	1	25.2	9203	4602	2865	3.1	435	19.4	25.2	9858	4929	3091	3.1	18.1	25.1	78	39
307021	5/Mar	17:3	1	25.2	9205	4603	2866	3.1	436	19.4	25.2	9859	4930	3091	3.1	18.1	25.0	78	39
307021	5/Mar	17:18	1	25.2	9204	4602	2886	3.1	435	19.4	25.2	9857	4929	3091	3.1	18.1	25.1	78	39
307021	5/Mar	17:33	1	25.2	9167	4583	2874	3.1	435	19.4	25.2	9819	4910	3079	3.1	18.1	25.1	78	39
307021	5/Mar	17:48	1	25.2	9206	4603	2886	3.1	435	19.4	25.2	9861	4930	3092	3.1	18.1	25.1	77	39
307021	5/Mar	18:3	1	25.3	9142	4571	2866	3.1	435	19.4	25.3	9793	4897	3070	3.1	18.1	25.1	77	39
307021	5/Mar	18:18	1	25.2	9177	4588	2877	3.1	435	19.4	25.2	9829	4915	3082	3.1	18.1	25.0	77	38

ELEMENT/TESTED				FEED WATER PARAMETERS				THERM STREAM PARAMETERS				PRODUCT WATER PARAMETERS				SUMMARY DATA			
Serial	Date	Line	Time	Temp	Cond	TDS	Cl-	ph	Inlet	Flow	Temp	Cond	TDS	Cl-	ph	Flow	Temp	Cond	Recor
Number				deg C	uachis	ppm	ppm		psi	GPM	deg C	uachis	ppm	ppm		lpm	deg C	uachis	psi
307005	11/Mar	8:38		25.4	9126	4568	2664	8.6	438	19.11	25.4	10516	5259	3267	8.6	2.5	3667	26531	98.7
307005	11/Mar	8:50		25.4	9211	4606	2868	8.7	427	19.11	25.4	10625	5282	3312	8.7	2.5	3573	29758	98.8
307005	11/Mar	9:05		25.4	9208	4604	2887	8.7	430	19.21	25.4	10552	5276	3368	8.7	2.5	3569	29723	98.9
307005	11/Mar	9:20		25.4	9262	4631	2904	8.8	428	19.21	25.4	10599	5299	3323	8.8	2.5	3531	29407	98.9
307005	11/Mar	9:35		25.5	9222	4611	2891	8.8	425	19.21	25.5	10535	5267	3303	8.8	2.4	3428	27648	97.0
307005	11/Mar	9:50		25.4	9160	4580	2872	8.8	425	19.21	25.4	10462	5231	3260	8.8	2.4	3483	27648	97.0
307005	11/Mar	10:05		25.4	9214	4607	2869	8.8	426	19.21	25.4	10519	5269	3258	8.8	2.4	3472	28717	97.0
307005	11/Mar	10:20		25.4	9286	4643	2911	8.6	426	19.31	25.4	10595	5297	3322	8.6	2.4	3473	28951	97.0
307005	11/Mar	10:35		25.4	9183	4591	2879	8.8	426	19.21	25.4	10477	5279	3265	8.8	2.4	3460	28611	97.0
307005	11/Mar	10:50		25.5	9225	4612	2892	8.6	425	19.21	25.5	10527	5264	3300	8.6	2.4	3445	28639	97.0
307005	11/Mar	11:05		25.4	9189	4595	2861	8.8	426	19.21	25.4	10460	5240	3286	8.8	2.4	3439	28524	97.0
307005	11/Mar	11:20		25.4	9234	4617	2895	8.8	424	19.21	25.4	10537	5269	3304	8.8	2.4	3441	28651	97.0
307005	11/Mar	11:35		25.5	9256	4628	2902	8.8	426	19.21	25.5	10554	5277	3309	8.8	2.4	3439	28524	97.0
307005	11/Mar	11:50		25.5	9240	4620	2897	8.8	426	19.21	25.5	10532	5266	3302	8.8	2.4	3430	28524	97.1
307005	11/Mar	12:17		25.5	9279	4639	2909	8.8	426	19.21	25.5	10575	5288	3316	8.8	2.4	3427	28540	97.1
307005	11/Mar	12:32		25.4	9234	4617	2895	8.8	426	19.21	25.4	10519	5260	3276	8.8	2.4	3415	28433	97.1
307005	11/Mar	12:48		25.5	9287	4643	2912	8.8	426	19.21	25.5	10589	5284	3313	8.8	2.4	3389	28274	97.1
307005	11/Mar	13:03		25.5	9213	4606	2868	8.8	426	19.21	25.5	10491	5246	3269	8.8	2.4	3405	28361	97.1
307005	11/Mar	13:18		25.4	9193	4597	2862	8.7	426	19.21	25.4	10463	5232	3280	8.7	2.4	3393	28359	97.1
307005	11/Mar	13:33		25.4	9308	4654	2918	8.7	425	19.21	25.4	10598	5295	3323	8.7	2.4	3402	28300	97.1
307005	11/Mar	13:48		25.5	9216	4658	2921	8.7	427	19.21	25.5	10608	5304	3326	8.7	2.4	3403	28300	97.1
307005	11/Mar	14:03		25.5	9230	4645	2913	8.7	425	19.21	25.5	10569	5284	3313	8.7	2.4	3381	28154	97.1
307005	11/Mar	14:18		25.5	9357	4679	2934	8.7	426	19.21	25.5	10647	5324	3338	8.7	2.4	3366	28158	97.1
307005	11/Mar	14:33		25.4	9322	4661	2923	8.7	426	19.21	25.4	10610	5305	3326	8.7	2.4	3391	28242	97.1
307005	11/Mar	14:48		25.5	9328	4664	2924	8.7	426	19.21	25.5	10617	5309	3328	8.7	2.4	3352	28251	97.1
307005	11/Mar	15:03		25.5	9304	4652	2917	8.7	424	19.21	25.5	10590	5295	3320	8.7	2.4	3392	28259	97.1
307005	11/Mar	15:18		25.5	9270	4635	2906	8.7	426	19.21	25.5	10550	5275	3307	8.7	2.4	3369	28242	97.1
307005	11/Mar	15:33		25.5	9323	4662	2923	8.7	426	19.21	25.5	10611	5306	3327	8.7	2.4	3391	28242	97.1
307005	11/Mar	15:48		25.5	9345	4672	2930	8.7	426	19.21	25.5	10630	5315	3333	8.7	2.4	3377	28126	97.1
307005	11/Mar	16:03		25.5	9290	4645	2913	8.7	425	19.21	25.5	10566	5283	3313	8.7	2.4	3373	28033	97.1
307005	11/Mar	16:18		25.4	9262	4631	2904	8.7	425	19.21	25.4	10532	5268	3302	8.7	2.4	3369	28058	97.1
307005	11/Mar	16:33		25.5	9281	4640	2910	8.7	425	19.21	25.5	10578	5289	3319	8.7	2.4	3421	28576	97.3
307005	11/Mar	16:48		25.5	9332	4666	2926	8.7	423	19.31	25.5	10731	5315	3307	8.7	2.4	3461	28477	97.3
307005	11/Mar	17:03		25.5	9159	4579	2871	8.6	424	19.31	25.5	10045	5023	3149	8.6	2.4	3471	28576	97.3
307005	11/Mar	17:18		25.5	9179	4590	2878	8.6	426	19.31	25.5	10074	5037	3158	8.6	2.4	3487	28716	97.4
307005	11/Mar	17:33		25.5	9224	4612	2892	8.6	425	19.31	25.5	10120	5060	3173	8.6	2.4	3478	28637	97.4
307005	11/Mar	17:48		25.5	9266	4633	2905	8.6	427	19.31	25.5	10169	5084	3188	8.6	2.4	3483	28681	97.4
307005	11/Mar	18:03		25.5	9145	4572	2867	8.6	424	19.31	25.5	10028	5014	3144	8.6	2.4	3465	28541	97.4
307005	11/Mar	18:18		25.5	9226	4613	2892	8.6	426	19.21	25.5	10125	5062	3174	8.6	2.4	3472	28565	97.4
307005	11/Mar	18:33		25.5	9174	4587	2876	8.6	424	19.31	25.5	10057	5028	3153	8.6	2.4	3458	28471	97.4
307005	11/Mar	18:48		25.5	9286	4643	2911	8.6	427	19.31	25.5	10167	5093	3194	8.6	2.4	3476	28620	97.4
307005	11/Mar	19:03		25.5	9229	4615	2873	8.6	426	19.31	25.5	10121	5061	3173	8.6	2.4	3468	28541	97.4
307005	11/Mar	19:18		25.5	9183	4592	2879	8.6	425	19.31	25.5	10069	5034	3157	8.6	2.4	3463	28514	97.4
307005	11/Mar	19:33		25.5	9251	4626	2900	8.5	425	19.31	25.5	10143	5071	3180	8.5	2.4	3461	28457	97.4
307005	11/Mar	19:48		25.5	9273	4636	2907	8.5	426	19.31	25.5	10169	5084	3188	8.5	2.4	3466	28541	97.4
307005	11/Mar	20:03		25.5	9212	4606	2888	8.5	425	19.31	25.5	10098	5049	3166	8.5	2.4	3456	28453	97.4
307005	11/Mar	20:18		25.5	9323	4662	2923	8.5	424	19.31	25.5	10217	5108	3203	8.5	2.4	3477	28499	97.4
307005	11/Mar	20:33		25.5	9173	4586	2876	8.5	425	19.31	25.5	10054	5027	3152	8.5	2.4	3463	28427	97.4
307005	11/Mar	20:48		25.5	9226	4614	2893	8.5	427	19.31	25.5	10120	5060	3173	8.5	2.4	3466	28541	97.4
307005	11/Mar	21:03		25.5	9278	4636	2909	8.5	425	19.31	25.5	10168	5084	3188	8.5	2.4	3469	28552	97.4
307005	11/Mar	21:18		25.5	9209	4605	2887	8.5	427	19.31	25.5	10098	5049	3166	8.5	2.4	3464	28523	97.4
307005	11/Mar	21:33		25.5	9215	4606	2889	8.5	425	19.31	25.5	10095	5047	3165	8.5	2.4	3463	28513	97.4
307005	11/Mar	21:48		25.5	9169	4585	2875	8.5	425	19.31	25.5	10047	5024	3150	8.5	2.4	3450	28401	97.4

ELEMENT/TESTED	SPEED WATER PARAMETERS				BRINE STREAM PARAMETERS				PRODUCT WATER PARAMETERS				OTHER DATA													
	Serial Date	Time	Temp	Flow	Cl-	ph	Intet	Flow	Temp	Flow	Cl-	ph	Flow	Temp	Flow	Cl-										
Number			deg C	u/s	ppm		psi	GPH	deg C	u/s	ppm		GPH	deg C	u/s	ppm										
307015 11/Mar 23:7	23:7	23:7	25.5	9246	4623	2699	8.5	125	19.31	25.5	10132	5066	3177	8.5	7.61	25.1	71	35	18	9.3	1.7	2449	20352	99.4	8.8	6
307015 11/Mar 23:22	23:22	23:22	25.5	9214	4607	2867	8.5	426	19.31	25.5	10098	5049	3166	8.5	7.61	25.1	70	35	18	9.2	1.7	2450	20401	99.4	8.8	7
307015 11/Mar 23:37	23:37	23:37	25.5	9200	4600	2684	8.5	426	19.31	25.5	10083	5041	3161	8.5	7.61	25.1	70	35	18	9.2	1.7	2451	20409	99.4	8.8	7
307015 11/Mar 23:52	23:52	23:52	25.5	9239	4620	2677	8.5	425	19.31	25.5	10126	5063	3175	8.5	7.61	25.1	70	35	18	9.2	1.7	2451	20409	99.4	8.8	6
307015 11/Mar 23:21	23:21	23:21	25.5	9230	4615	2694	8.4	425	19.31	25.5	10114	5057	3171	8.4	7.61	25.1	69	35	17	9.2	1.7	2445	20365	99.4	8.8	6
307015 11/Mar 23:35	23:35	23:35	25.5	9254	4627	2701	8.4	425	19.31	25.5	10137	5068	3176	8.4	7.61	25.1	69	35	17	9.2	1.7	2437	20395	99.4	8.8	6
307015 11/Mar 23:51	23:51	23:51	25.5	9188	4594	2681	8.4	425	19.31	25.5	10067	5034	3156	8.4	7.61	25.1	69	34	17	9.2	1.7	2444	20357	99.4	8.8	6
307015 12/Mar 01:6	01:6	01:6	25.5	9284	4642	2711	8.4	425	19.31	25.5	10171	5065	3169	8.4	7.61	25.0	68	34	17	9.2	1.7	2439	20333	99.4	8.8	7
307015 12/Mar 01:21	01:21	01:21	25.5	9221	4610	2691	8.4	426	19.31	25.5	10104	5052	3168	8.4	7.61	25.1	68	34	17	9.2	1.7	2444	20353	99.4	8.8	7
307012 12/Mar 01:36	01:36	01:36	25.5	9189	4595	2681	8.4	424	19.21	25.5	10058	5149	3260	8.4	16.91	25.1	100	50	25	9.4	2.3	3246	27033	99.2	11.7	4
307012 12/Mar 01:51	01:51	01:51	25.5	9292	4645	2913	8.4	424	19.21	25.5	10510	5255	3295	8.4	17.01	25.1	97	48	24	9.4	2.2	3234	26535	99.2	11.7	5
307012 12/Mar 11:6	11:6	11:6	25.5	9174	4587	2676	8.4	424	19.21	25.5	10078	5189	3254	8.4	17.01	25.1	95	47	24	9.4	2.2	3238	26953	99.2	11.7	5
307012 12/Mar 11:21	11:21	11:21	25.5	9316	4658	2921	8.4	426	19.21	25.5	10541	5270	3305	8.4	16.91	25.1	94	47	24	9.4	2.3	3242	26958	99.2	11.7	7
307012 12/Mar 11:35	11:35	11:35	25.5	9252	4646	2913	8.4	425	19.21	25.5	10513	5256	3296	8.4	17.01	25.1	93	46	23	9.4	2.2	3239	26972	99.2	11.7	6
307012 12/Mar 11:51	11:51	11:51	25.4	9226	4613	2892	8.4	426	19.21	25.4	10435	5218	3272	8.4	17.01	25.0	92	46	23	9.4	2.2	3232	26919	99.3	11.7	7
307012 12/Mar 21:6	21:6	21:6	25.5	9207	4604	2687	8.4	424	19.21	25.5	10467	5204	3263	8.4	17.01	25.1	92	46	23	9.3	2.2	3218	26756	99.2	11.6	5
307012 12/Mar 21:21	21:21	21:21	25.5	9221	4611	2691	8.4	426	19.31	25.5	10422	5211	3267	8.4	17.11	25.1	91	45	23	9.3	2.2	3230	26801	99.3	11.6	7
307012 12/Mar 21:36	21:36	21:36	25.5	9235	4617	2895	8.4	425	19.21	25.5	10435	5218	3272	8.4	17.01	25.1	90	45	23	9.3	2.2	3212	26761	99.3	11.6	6
307012 12/Mar 21:51	21:51	21:51	25.5	9180	4590	2678	8.4	426	19.31	25.5	10369	5184	3251	8.4	17.11	25.1	90	45	23	9.3	2.2	3214	26752	99.3	11.6	7
307012 12/Mar 31:6	31:6	31:6	25.5	9267	4633	2905	8.4	426	19.31	25.5	10474	5237	3284	8.4	17.01	25.1	89	45	22	9.3	2.2	3212	26752	99.3	11.6	7
307012 12/Mar 31:21	31:21	31:21	25.5	9203	4602	2885	8.3	425	19.31	25.5	10389	5195	3257	8.3	17.11	25.1	89	44	22	9.3	2.2	3201	26658	99.3	11.5	6
307012 12/Mar 31:36	31:36	31:36	25.5	9165	4583	2873	8.3	425	19.21	25.5	10356	5178	3247	8.3	17.01	25.1	88	44	22	9.3	2.2	3206	26700	99.3	11.6	6
307012 12/Mar 31:51	31:51	31:51	25.5	9281	4640	2910	8.3	425	19.21	25.5	10484	5242	3287	8.3	17.01	25.1	88	44	22	9.3	2.2	3200	26647	99.3	11.6	6
307012 12/Mar 41:6	41:6	41:6	25.4	9163	4582	2873	8.3	425	19.31	25.4	10342	5171	3242	8.3	17.11	25.1	88	44	22	9.3	2.2	3195	26612	99.3	11.5	5
307012 12/Mar 41:21	41:21	41:21	25.5	9212	4606	2888	8.3	425	19.31	25.5	10397	5198	3260	8.3	17.11	25.1	88	44	22	9.3	2.2	3184	26614	99.3	11.5	6
307012 12/Mar 41:36	41:36	41:36	25.5	9255	4627	2902	8.3	425	19.31	25.5	10442	5221	3274	8.3	17.11	25.1	87	44	22	9.3	2.2	3166	26533	99.3	11.5	6
307012 12/Mar 41:51	41:51	41:51	25.5	9221	4611	2891	8.3	425	19.31	25.5	10402	5201	3261	8.3	17.11	25.1	86	43	22	9.3	2.2	3163	26507	99.3	11.5	6
307012 12/Mar 51:6	51:6	51:6	25.5	9256	4628	2902	8.3	424	19.21	25.5	10449	5225	3276	8.3	17.01	25.1	86	43	22	9.3	2.2	3164	26516	99.3	11.5	5
307012 12/Mar 51:21	51:21	51:21	25.5	9281	4640	2910	8.3	426	19.31	25.5	10471	5236	3283	8.3	17.11	25.1	86	43	22	9.3	2.2	3165	26525	99.3	11.5	7
307012 12/Mar 51:36	51:36	51:36	25.5	9152	4576	2869	8.3	426	19.31	25.5	10325	5167	3237	8.3	17.11	25.1	85	43	21	9.3	2.2	3163	26571	99.3	11.5	7
307012 12/Mar 51:51	51:51	51:51	25.5	9217	4609	2890	8.3	425	19.31	25.5	10394	5197	3259	8.3	17.11	25.0	85	42	21	9.3	2.2	3173	26436	99.3	11.4	6
307012 12/Mar 61:6	61:6	61:6	25.5	9229	4614	2893	8.3	425	19.31	25.5	10409	5204	3263	8.3	17.11	25.1	85	42	21	9.3	2.2	3176	26446	99.3	11.4	6
307012 12/Mar 61:21	61:21	61:21	25.5	9281	4640	2910	8.3	425	19.31	25.5	10469	5234	3282	8.3	17.11	25.1	85	42	21	9.3	2.2	3179	26472	99.3	11.4	6
307012 12/Mar 61:36	61:36	61:36	25.5	9211	4605	2868	8.3	426	19.31	25.5	10389	5194	3257	8.3	17.11	25.1	84	42	21	9.3	2.2	3177	26455	99.3	11.4	7
307012 12/Mar 61:51	61:51	61:51	25.4	9285	4633	2905	8.2	426	19.31	25.4	10447	5223	3275	8.2	17.11	25.1	84	42	21	9.3	2.2	3169	26393	99.3	11.4	7
307012 12/Mar 71:6	71:6	71:6	25.5	9297	4648	2915	8.2	425	19.31	25.5	10481	5241	3286	8.2	17.11	25.1	84	42	21	9.2	2.2	3165	26358	99.3	11.4	6
307012 12/Mar 71:21	71:21	71:21	25.5	9272	4636	2907	8.2	426	19.31	25.5	10455	5228	3278	8.2	17.11	25.1	83	42	21	9.2	2.2	3170	26402	99.3	11.4	7
307012 12/Mar 71:36	71:36	71:36	25.5	9169	4594	2881	8.2	426	19.31	25.5	10360	5180	3248	8.2	17.11	25.1	83	42	21	9.2	2.2	3167	26376	99.3	11.4	7
307012 12/Mar 71:51	71:51	71:51	25.5	9210	4605	2887	8.2	425	19.31	25.5	10381	5191	3255	8.2	17.11	25.1	83	41	21	9.2	2.2	3161	26323	99.3	11.4	6
307012 12/Mar 81:6	81:6	81:6	25.5	9161	4580	2872	8.2	426	19.31	25.5	10327	5163	3238	8.2	17.11	25.1	82	41	21	9.2	2.2	3163	26341	99.3	11.4	7
307012 12/Mar 81:21	81:21	81:21	25.4	9167	4583	2874	8.2	424	19.21	25.4	10334	5167	3240	8.2	17.01	25.1	82	41	21	9.2	2.2	3147	26269	99.3	11.4	5
307012 12/Mar 81:36	81:36	81:36	25.5	9233	4617	2895	8.2	425	19.21	25.5	10514	5257	3296	8.2	16.81	25.1	104	52	26	9.3	2.4	3403	28339	99.2	12.3	6
307012 12/Mar 81:51	81:51	81:51	25.5	9166	4583	2874	8.2	427	19.21	25.5	10444	5222	3274	8.2	16.81	25.1	101	51	25	9.3	2.4	3416	28452	99.2	12.3	8
307012 12/Mar 91:6	91:6	91:6	25.5	9182	4591	2879	8.2	425	19.21	25.5	10450	5225	3276	8.2	16.81	25.1	100	50	25	9.3	2.4	3368	28216	99.2	12.3	6
307012 12/Mar 91:21	91:21	91:21	25.5	9231	4616	2894	8.2	426	19.31	25.5	10499	5249	3292	8.2	16.91	25.1	99	50	25	9.2	2.4	3368	28216	99.2	12.2	7
307012 12/Mar 91:36	91:36	91:36	25.5	9229	4614	2893	8.2	425	19.21	25.5	10500	5250	3292	8.2	16.91	25.1	98	49	25	9.2	2.3	3377	28128	99.2	12.2	6
307012 12/Mar 91:51	91:51	91:51	25.4	9235	4617	2895	8.2	426	19.21	25.4	10497	5249	3291	8.2	17.01	25.1	98	49	25	9.2	2.3	3373	28093			



ELEMENT/TESTED										FEED WATER PARAMETERS										BINE SIREM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA									
Serial	Date	line	temp	Cond	IOS	Cl-	ph	Inlet	Flow	temp	Cond	IOS	Cl-	ph	Kflow	temp	Cond	IOS	Cl-	ph	Pflow	Flow	Cl-	Percent	Delta																								
Number			deg C	uohms	ppm	ppm		psi	GPM	deg C	uohms	ppm	ppm		GPM	deg C	uohms	ppm	ppm		GPM	lb/day	2 Ref	Recov	psi																								
307005	12/Mar	11:36	25.4	9236	4618	2876	8.1	426	19.31	25.4	10463	5244	3268	8.1	17.01	25.1	94	47	24	9.2	2.3	3349	27891	99.2	12.1	7																							
307005	12/Mar	11:51	25.4	9213	4607	2888	8.1	425	19.31	25.4	10452	5226	3277	8.1	17.01	25.0	54	47	24	9.2	2.3	3325	27650	99.2	12.0	6																							
307005	12/Mar	12: 6	25.5	9280	4640	2909	8.1	425	19.31	25.5	10536	5268	3303	8.1	17.01	25.1	94	47	24	9.2	2.3	3344	27848	99.2	12.0	6																							
307005	12/Mar	12:21	25.5	9254	4627	2901	8.1	426	19.31	25.5	10504	5252	3278	8.1	17.01	25.0	93	47	23	9.2	2.3	3338	27795	99.2	12.0	7																							
307005	12/Mar	12:36	25.5	9219	4610	2890	8.1	424	19.31	25.5	10457	5248	3283	8.1	17.01	25.1	93	47	23	9.2	2.3	3329	27846	99.2	11.9	5																							
307005	12/Mar	12:51	25.5	9200	4606	2884	8.1	426	19.31	25.5	10446	5233	3275	8.1	17.01	25.1	93	46	23	9.2	2.3	3344	27846	99.2	12.0	7																							
307005	12/Mar	13: 6	25.5	9257	4629	2902	8.1	425	19.31	25.5	10503	5252	3293	8.1	17.01	25.1	93	46	23	9.2	2.3	3327	27707	99.2	12.0	6																							
307005	12/Mar	13:16	25.5	9262	4631	2904	8.0	427	19.31	25.5	10515	5257	3297	8.0	17.01	25.1	92	46	23	9.2	2.3	3341	27811	99.3	12.0	6																							
307005	12/Mar	13:36	25.5	9259	4630	2903	8.0	425	19.31	25.5	10504	5252	3293	8.0	17.01	25.1	92	46	23	9.2	2.3	3324	27861	99.3	12.0	6																							
307005	12/Mar	13:51	25.5	9248	4624	2899	8.0	426	19.31	25.5	10495	5248	3290	8.0	17.01	25.1	91	45	23	9.1	2.3	3332	27751	99.3	12.0	7																							
307005	12/Mar	14: 6	25.5	9255	4628	2902	8.0	426	19.31	25.5	10500	5250	3292	8.0	17.01	25.1	91	45	23	9.1	2.3	3325	27850	99.3	12.0	7																							
307005	12/Mar	14:21	25.5	9245	4622	2898	8.0	425	19.31	25.5	10485	5244	3268	8.0	17.01	25.1	90	45	23	9.1	2.3	3324	27861	99.3	12.0	6																							
307005	12/Mar	14:36	25.5	9184	4592	2879	8.0	426	19.31	25.5	10418	5229	3266	8.0	17.01	25.1	90	45	23	9.1	2.3	3320	27866	99.3	11.9	7																							
307005	12/Mar	14:51	25.5	9210	4605	2887	8.0	425	19.31	25.5	10444	5222	3274	8.0	17.01	25.1	90	45	23	9.1	2.3	3312	27895	99.3	11.9	6																							
307005	12/Mar	15: 6	25.5	9275	4638	2908	8.0	425	19.31	25.5	10522	5261	3299	8.0	17.01	25.1	90	45	23	9.1	2.3	3322	27864	99.3	12.0	6																							

ELEMENT/TESTED										FEED WATER PARAMETERS										ISBINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA									
Serial	Date	Time	Temp	Cond	IDS	Cl-	ph	Inlet	Flow	Temp	Cond	IDS	Cl-	ph	Milow	Temp	Cond	IDS	Cl-	ph	Pflow	Pflow	Flow	Cl-	Percent	Delta																							
Number						ppa		psi	GPM	deg C	uohms	ppa	ppa		GPM	deg C	uohms	ppa	ppa		GPM	10/day	10/day	ppa	Recov	psi																							
307012	13/Mar	0:51	25.5	9265	4633	2905	7.4	426	19.31	25.5	10449	5224	3276	7.4	17.11	25.1	75	37	19	8.7	2.2	3171	26411	99.4	11.4	7																							
307012	13/Mar	1:16	25.5	9260	4630	2903	7.4	426	19.31	25.5	10442	5221	3274	7.4	17.11	25.1	74	37	19	8.7	2.2	3169	26393	99.4	11.4	7																							
307012	13/Mar	1:21	25.5	9239	4620	2897	7.4	425	19.41	25.5	10408	5204	3263	7.4	17.21	25.1	73	37	18	8.7	2.2	3160	26314	99.4	11.3	6																							
307012	13/Mar	1:36	25.6	9317	4659	2921	7.4	425	19.41	25.6	10494	5247	3290	7.4	17.21	25.1	73	36	18	8.7	2.2	3154	26271	99.4	11.3	6																							
307012	13/Mar	1:51	25.6	9282	4641	2910	7.4	426	19.41	25.6	10455	5227	3278	7.4	17.21	25.1	72	36	18	8.7	2.2	3155	26270	99.4	11.3	7																							
307012	13/Mar	2:16	25.5	9304	4652	2917	7.3	425	19.21	25.5	10489	5244	3288	7.3	17.01	25.1	72	36	18	8.6	2.2	3145	26192	99.4	11.4	6																							
307012	13/Mar	2:21	25.5	9237	4619	2856	7.3	426	19.31	25.5	10406	5203	3262	7.3	17.11	25.1	71	36	18	8.6	2.2	3143	26174	99.4	11.3	7																							
307012	13/Mar	2:36	25.6	9258	4629	2903	7.3	425	19.31	25.6	10426	5213	3269	7.3	17.11	25.1	71	35	18	8.6	2.2	3136	26113	99.4	11.3	6																							
307012	13/Mar	2:51	25.6	9266	4648	2914	7.3	425	19.31	25.6	10467	5234	3282	7.3	17.11	25.1	70	35	18	8.6	2.2	3130	26069	99.4	11.3	6																							
307012	13/Mar	3:16	25.5	9306	4653	2918	7.3	425	19.31	25.5	10473	5236	3283	7.3	17.11	25.1	70	35	18	8.6	2.2	3118	25964	99.4	11.2	6																							
307012	13/Mar	3:21	25.5	9286	4643	2911	7.3	426	19.31	25.5	10452	5226	3277	7.3	17.11	25.0	70	35	18	8.6	2.2	3121	25950	99.4	11.2	7																							
307012	13/Mar	3:36	25.5	9242	4621	2897	7.2	425	19.31	25.5	10398	5199	3260	7.2	17.11	25.1	70	35	18	8.5	2.2	3111	25911	99.4	11.2	6																							
307012	13/Mar	3:51	25.5	9253	4626	2901	7.2	426	19.31	25.5	10413	5207	3265	7.2	17.11	25.1	69	35	17	8.5	2.2	3118	25964	99.4	11.2	7																							
307012	13/Mar	4:16	25.5	9304	4652	2917	7.2	426	19.31	25.5	10470	5235	3282	7.2	17.11	25.1	69	34	17	8.5	2.2	3116	25946	99.4	11.2	7																							
307012	13/Mar	4:21	25.5	9338	4669	2928	7.2	426	19.31	25.5	10506	5253	3294	7.2	17.11	25.1	69	34	17	8.5	2.2	3109	25944	99.4	11.2	7																							
307012	13/Mar	4:36	25.5	9304	4652	2917	7.2	425	19.31	25.5	10463	5231	3280	7.2	17.11	25.1	68	34	17	8.5	2.2	3098	25979	99.4	11.1	6																							
307012	13/Mar	4:51	25.6	9320	4660	2922	7.2	426	19.31	25.6	10484	5242	3287	7.2	17.11	25.1	68	34	17	8.4	2.2	3105	25959	99.5	11.2	7																							
307012	13/Mar	5:16	25.6	9290	4645	2913	7.2	426	19.31	25.6	10446	5224	3276	7.2	17.11	25.1	67	34	17	8.4	2.2	3100	25815	99.5	11.2	7																							
307012	13/Mar	5:21	25.5	9300	4650	2916	7.2	425	19.31	25.5	10453	5227	3277	7.2	17.21	25.1	67	34	17	8.4	2.1	3086	25701	99.5	11.1	6																							
307012	13/Mar	5:36	25.5	9278	4639	2909	7.1	425	19.31	25.5	10429	5214	3269	7.1	17.21	25.1	67	33	17	8.4	2.1	3086	25701	99.5	11.1	6																							
307012	13/Mar	5:51	25.5	9231	4615	2894	7.1	427	19.31	25.5	10376	5189	3254	7.1	17.21	25.1	66	33	17	8.3	2.1	3090	25726	99.5	11.1	8																							
307012	13/Mar	6:16	25.5	9276	4638	2908	7.1	426	19.31	25.5	10424	5212	3268	7.1	17.21	25.1	66	33	17	8.3	2.1	3080	25649	99.5	11.1	7																							
307012	13/Mar	6:21	25.5	9210	4605	2887	7.1	426	19.31	25.5	10350	5175	3245	7.1	17.21	25.1	66	33	17	8.3	2.1	3030	25649	99.5	11.1	7																							
307012	13/Mar	6:36	25.5	9217	4608	2890	7.1	426	19.31	25.5	10355	5177	3246	7.1	17.21	25.1	66	33	17	8.3	2.1	3073	25561	99.5	11.1	7																							
307012	13/Mar	6:51	25.5	9258	4629	2903	7.1	425	19.31	25.5	10400	5200	3261	7.1	17.21	25.1	66	33	17	8.3	2.1	3071	25578	99.5	11.1	6																							
307012	13/Mar	7:16	25.5	9170	4585	2875	7.1	425	19.31	25.5	10299	5150	3229	7.1	17.21	25.1	65	33	16	8.2	2.1	3066	25535	99.5	11.0	6																							
307012	13/Mar	7:21	25.6	9206	4603	2886	7.1	425	19.31	25.6	10340	5170	3242	7.1	17.21	25.1	65	33	16	8.2	2.1	3068	25552	99.5	11.0	6																							
307012	13/Mar	7:36	25.5	9245	4623	2898	7.1	426	19.31	25.5	10381	5190	3254	7.1	17.21	25.1	65	32	16	8.2	2.1	3060	25482	99.5	11.0	7																							
307012	13/Mar	7:51	25.5	9216	4608	2869	7.1	426	19.31	25.5	10347	5174	3244	7.1	17.21	25.1	64	32	16	8.2	2.1	3058	25465	99.5	11.0	7																							
307012	13/Mar	8:16	25.5	9214	4607	2885	7.0	425	19.31	25.5	10345	5172	3243	7.0	17.21	25.1	64	32	16	8.2	2.1	3057	25456	99.5	11.0	6																							
307012	13/Mar	8:21	25.5	9183	4591	2879	7.0	426	19.31	25.5	10310	5155	3232	7.0	17.21	25.1	64	32	16	8.1	2.1	3058	25465	99.5	11.0	7																							

[illegible]

ELEMENT/TESTED										SPEED WATER PARAMETERS										MARINE STREAM PARAMETERS										PRODUCE WATER REPORT									
Serial	Date	Time	Temp	Cond	105	Cl-	ph	Inlet	Flow	Temp	Cond	105	Cl-	ph	NIOW	Temp	Cond	105	Cl-	ph	Flow	Temp	Cond	105	Cl-	ph	Flow	Temp	Cond	105	Cl-	ph							
Number			deg C	u/s	ppm	ppm	psi	psi	BPM	deg C	u/s	ppm	ppm	ppm	BPM	deg C	u/s	ppm	ppm	ppm	BPM	deg C	u/s	ppm	ppm	ppm	BPM	deg C	u/s	ppm	ppm	ppm							
307620	13/Mar	23:55	25.5	9168	4554	2881	2.6	425	19.41	25.5	9313	4957	3106	2.6	18.01	25.1	151	76	38	4.6	1.4	2075	17287	56.7	7.4	6													
307620	14/Mar	01:10	25.5	9214	4607	2889	2.6	425	19.41	25.5	9341	4970	3117	2.6	18.01	25.1	150	75	38	4.6	1.4	2074	17273	56.7	7.4	6													
307620	14/Mar	01:25	25.6	9193	4597	2862	2.6	426	19.41	25.6	9321	4931	3111	2.6	18.01	25.1	149	75	37	4.6	1.4	2062	17343	56.8	7.5	7													
307620	14/Mar	01:40	25.5	9203	4601	2865	2.6	425	19.41	25.5	9326	4933	3112	2.6	18.01	25.1	148	74	37	4.6	1.4	2067	17211	56.8	7.4	6													
307620	14/Mar	01:55	25.6	9191	4595	2881	2.6	425	19.41	25.6	9315	4958	3109	2.6	18.01	25.1	147	73	37	4.6	1.4	2071	17246	56.8	7.4	6													
307620	14/Mar	11:10	25.5	9211	4605	2868	2.6	426	19.41	25.5	9333	4966	3114	2.6	18.01	25.0	146	73	37	4.7	1.4	2066	17153	56.8	7.4	7													
307620	14/Mar	11:25	25.5	9222	4611	2891	2.6	426	19.41	25.5	9346	4973	3118	2.6	18.01	25.1	145	72	36	4.7	1.4	2064	17165	56.8	7.4	7													
307620	14/Mar	11:40	25.6	9168	4584	2874	2.6	426	19.41	25.6	9368	4944	3100	2.6	18.01	25.1	144	72	36	4.7	1.4	2064	17185	56.8	7.4	7													
307620	14/Mar	11:55	25.5	9196	4599	2864	2.6	426	19.41	25.5	9317	4958	3109	2.6	18.01	25.1	143	71	36	4.7	1.4	2054	17105	56.8	7.4	7													
307606	14/Mar	21:10	25.6	9249	4624	2906	2.6	424	19.61	25.6	10053	5047	3164	2.6	17.91	25.1	230	115	58	3.9	1.7	2416	20120	56.1	8.6	5													
307606	14/Mar	21:25	25.5	9220	4610	2891	2.5	426	19.51	25.5	10057	5029	3163	2.5	17.81	25.1	230	115	56	4.2	1.7	2352	19519	56.1	8.5	7													
307606	14/Mar	21:40	25.5	9265	4632	2905	2.5	426	19.41	25.5	10107	5053	3169	2.5	17.81	25.1	206	104	52	4.3	1.6	2376	19787	56.3	8.5	7													
307606	14/Mar	21:55	25.5	9258	4629	2903	2.5	426	19.41	25.5	10099	5050	3166	2.5	17.81	25.1	194	97	49	4.4	1.6	2373	19761	56.4	8.5	7													
307606	14/Mar	31:10	25.5	9169	4585	2875	2.5	426	19.41	25.5	9977	4978	3134	2.5	17.81	25.1	184	92	46	4.5	1.6	2357	19730	56.5	8.4	7													
307606	14/Mar	31:25	25.5	9204	4602	2866	2.5	426	19.41	25.5	10033	5017	3145	2.5	17.81	25.0	154	77	37	4.6	1.6	2351	19577	56.5	8.4	7													
307606	14/Mar	31:40	25.5	9165	4592	2880	2.5	424	19.41	25.5	10068	5004	3138	2.5	17.81	25.1	172	86	43	4.5	1.6	2351	19472	56.6	8.4	5													
307606	14/Mar	31:55	25.5	9157	4579	2871	2.5	426	19.41	25.5	9977	4968	3128	2.5	17.81	25.1	165	83	41	4.6	1.6	2334	19477	56.6	8.4	7													
307606	14/Mar	41:10	25.5	9221	4610	2891	2.5	426	19.41	25.5	10043	5022	3149	2.5	17.81	25.1	162	81	41	4.6	1.6	2324	19368	56.7	8.3	7													
307606	14/Mar	41:25	25.5	9178	4589	2877	2.5	426	19.41	25.5	9977	4959	3134	2.5	17.81	25.1	158	79	40	4.6	1.6	2335	19367	56.7	8.3	7													
307606	14/Mar	41:40	25.5	9214	4607	2899	2.5	426	19.41	25.5	10033	5017	3145	2.5	17.81	25.0	154	77	37	4.6	1.6	2316	19763	56.7	8.3	7													
307606	14/Mar	41:55	25.5	9176	4589	2877	2.5	426	19.51	25.5	9989	4995	3132	2.5	17.91	25.1	152	76	38	4.6	1.6	2316	19763	56.7	8.2	7													
307606	14/Mar	51:10	25.5	9212	4606	2888	2.5	425	19.51	25.5	10016	5009	3141	2.5	17.91	25.1	150	75	38	4.6	1.6	2294	19104	56.6	8.2	6													
307606	14/Mar	51:25	25.5	9208	4604	2887	2.5	426	19.51	25.5	10018	5009	3141	2.5	17.91	25.1	148	74	37	4.7	1.6	2304	19191	56.8	8.2	7													
307606	14/Mar	51:40	25.5	9162	4561	2872	2.5	426	19.51	25.5	9965	4982	3124	2.5	17.91	25.1	147	73	37	4.7	1.6	2276	19121	56.8	8.2	7													
307606	14/Mar	51:55	25.5	9215	4607	2869	2.5	426	19.51	25.5	10021	5011	3142	2.5	17.91	25.1	145	73	36	4.7	1.6	2292	19056	56.8	8.2	7													
307606	14/Mar	61:10	25.5	9161	4581	2872	2.5	425	19.51	25.5	9956	4979	3122	2.5	17.91	25.1	143	72	36	4.7	1.6	2250	18750	56.8	8.1	6													
307606	14/Mar	61:25	25.5	9176	4588	2877	2.5	426	19.51	25.5	9977	4988	3128	2.5	17.91	25.1	142	71	36	4.7	1.6	2287	19043	56.6	8.1	7													
307606	14/Mar	61:40	25.5	9201	4600	2885	2.5	426	19.51	25.5	9979	4979	3135	2.5	17.91	25.1	140	70	35	4.7	1.6	2272	18920	56.6	8.1	7													
307606	14/Mar	61:55	25.5	9166	4583	2874	2.5	425	19.51	25.5	9959	4960	3122	2.5	17.91	25.1	139	69	35	4.7	1.6	2268	18941	56.8	8.1	6													
307606	14/Mar	71:10	25.6	9168	4584	2874	2.5	425	19.51	25.6	9961	4960	3123	2.5	17.91	25.1	137	69	34	4.7	1.6	2267	18876	56.9	8.1	6													
307606	14/Mar	71:25	25.6	9212	4606	2888	2.5	426	19.51	25.6	10008	5004	3138	2.5	17.91	25.1	135	68	34	4.7	1.6	2263	18850	56.9	8.1	7													
307606	14/Mar	71:40	25.5	9196	4599	2864	2.5	427	19.51	25.5	9950	4995	3132	2.5	17.91	25.1	134	67	34	4.7	1.6	2257	18797	56.9	8.0	8													
307606	14/Mar	71:55	25.6	9151	4576	2869	2.5	426	19.51	25.6	9929	4970	3116	2.5	17.91	25.1	133	67	33	4.7	1.6	2257	18797	56.9	8.0	7													
307606	14/Mar	81:10	25.5	9165	4593	2880	2.5	426	19.51	25.5	9973	4987	3127	2.5	17.91	25.1	132	66	33	4.7	1.6	2249	18727	56.9	8.0	7													
307606	14/Mar	81:30	25.5	9206	4603	2886	2.5	426	19.61	25.5	9990	4995	3132	2.5	18.01	25.0	131	65	33	4.7	1.6	2246	18731	56.9	8.0	7													
307606	14/Mar	81:45	25.5	9174	4587	2876	2.5</																																

PRINTED IN U.S.A.

ELEMENTS/TESTED			FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA			
Serial Number	Date	line	leap	Cond	TDS	Cl- ppm	ph	Inlet psi	Flow gpm	leap	deg C	Cond	TDS	Cl- ppm	ph	Mflow gpm	leap	Cond	TDS	Cl- ppm	ph	Pflow gpm	Flow GFD l/day	Cl- ppm	Percent Delta Fecov											
307006	15/Mar	2:56		25.5	9174	4587	2876	2.6	426	19.61	25.5	9959	4980	3122	2.6	18.01	25.1	154	77	39	4.6	1.6	2260	1852	98.7	8.0	7									
307006	15/Mar	3:11		25.6	9171	4585	2875	2.6	426	19.61	25.6	9954	4977	3121	2.6	18.01	25.1	151	76	38	4.6	1.6	2255	1849	98.7	8.0	7									
307006	15/Mar	3:26		25.6	9157	4578	2871	2.6	425	19.61	25.6	9939	4969	3116	2.6	18.01	25.1	147	74	37	4.7	1.6	2253	1846	98.8	8.0	6									
307006	15/Mar	3:41		25.5	9204	4602	2886	2.6	426	19.51	25.5	9969	4995	3135	2.6	17.91	25.1	145	72	36	4.7	1.6	2239	1846	98.8	8.0	7									
307006	15/Mar	3:56		25.6	9216	4608	2889	2.6	426	19.51	25.6	10001	5000	3132	2.6	17.91	25.1	144	72	36	4.7	1.6	2235	18613	98.8	8.0	7									
307006	15/Mar	4:11		25.6	9224	4612	2892	2.6	426	19.51	25.6	10007	5003	3137	2.6	18.01	25.1	142	71	36	4.7	1.5	2229	18581	98.8	7.9	7									
307006	15/Mar	4:26		25.4	9203	4602	2885	2.6	426	19.51	25.4	9980	4950	3129	2.6	18.01	24.9	140	70	35	4.7	1.5	2216	18456	98.8	7.9	7									
307006	15/Mar	4:41		25.6	9222	4611	2891	2.6	426	19.51	25.6	10002	5001	3136	2.6	18.01	25.1	139	69	35	4.7	1.5	2220	18491	98.8	7.9	7									
307006	15/Mar	4:56		25.6	9211	4605	2886	2.6	426	19.51	25.6	9969	4995	3132	2.6	18.01	25.1	137	68	34	4.8	1.5	2218	18473	98.9	7.9	7									
307006	15/Mar	5:14		25.6	9171	4586	2875	2.6	426	19.51	25.6	9943	4972	3117	2.6	18.01	25.1	135	68	34	4.6	1.5	2211	18412	98.9	7.9	7									
307006	15/Mar	5:29		25.5	9180	4590	2878	2.6	426	19.51	25.5	9953	4976	3120	2.6	18.01	25.1	134	67	34	4.8	1.5	2210	18403	98.9	7.9	7									
307006	15/Mar	5:44		25.6	9130	4585	2862	2.6	425	19.51	25.6	9857	4948	3103	2.6	18.01	25.1	132	66	33	4.8	1.5	2205	18359	98.9	7.9	6									
307006	15/Mar	5:59		25.6	9159	4580	2871	2.6	425	19.51	25.6	9926	4963	3112	2.6	18.01	25.1	131	65	33	4.8	1.5	2199	18315	98.9	7.8	6									
307006	15/Mar	6:14		25.6	9168	4596	2884	2.6	425	19.51	25.6	9968	4984	3125	2.6	18.01	25.1	129	65	32	4.8	1.5	2197	18268	98.9	7.6	6									
307006	15/Mar	6:29		25.5	9232	4616	2894	2.6	426	19.61	25.5	9978	4999	3135	2.6	18.11	25.1	128	64	32	4.8	1.5	2191	18245	98.9	7.8	7									
307006	15/Mar	6:44		25.6	9186	4593	2880	2.6	426	19.51	25.6	9953	4977	3120	2.6	18.01	25.1	126	63	32	4.8	1.5	2192	18254	98.9	7.8	7									
307006	15/Mar	6:59		25.6	9227	4614	2893	2.6	426	19.51	25.6	9997	4999	3134	2.6	18.01	25.1	125	63	31	4.8	1.5	2191	18245	99.0	7.8	7									
307006	15/Mar	7:14		25.6	9236	4618	2896	2.6	425	19.51	25.6	10006	5003	3137	2.6	18.01	25.1	125	62	31	4.8	1.5	2189	18228	99.0	7.8	6									
307006	15/Mar	7:29		25.6	9200	4600	2884	2.6	426	19.51	25.6	9966	4983	3125	2.6	18.01	25.1	124	62	31	4.8	1.5	2187	18210	99.0	7.8	6									
307006	15/Mar	7:44		25.5	9167	4553	2874	2.6	426	19.51	25.5	9926	4964	3113	2.6	18.01	25.1	123	61	31	4.8	1.5	2179	18149	99.0	7.8	7									
307006	15/Mar	7:59		25.5	9186	4593	2880	2.6	426	19.51	25.5	9949	4975	3119	2.6	18.01	25.1	122	61	31	4.8	1.5	2180	18158	99.0	7.8	7									

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[illegible]

[illegible]

ELEMENTS/TESTED										FIELD WATER PARAMETERS										SPRING SOURCE PARAMETERS										TREATMENT WATER PARAMETERS										SUMMER DATA	
Serial Number	Date	Time	Temp	Cond	TDS	U-	pH	Inlet PSI	Flow	GPM	deg C	Leak	TDS	ppm	Cl-	pH	Mflow	deg C	Cond	uachts	TDS	ppm	U-	pH	Flow	GPM	Flow	Flow	U-	Percent Error											
307003	18-Mar	13:12	25.4	9172	4565	2876	6.3	422	19.51	25.4	106.60	54033	3156	6.3	17.71	24.9	154	77	39	9.6	1.8	2532	21684	58.7	5.0	3															
307003	18-Mar	13:24	25.5	9257	4676	2902	6.9	423	19.51	25.5	10174	5467	3190	6.9	17.71	25.0	127	63	37	9.4	1.8	2562	21575	58.0	5.1	4															
307003	18-Mar	13:36	25.5	9159	4566	2871	7.2	427	19.51	25.5	10668	5444	3163	7.2	17.71	25.1	115	57	29	9.3	1.6	2616	21785	59.0	9.3	8															
307003	18-Mar	13:34	25.4	9434	4717	2958	7.2	428	19.51	25.4	10359	5199	3260	7.2	17.71	25.0	108	54	27	9.3	1.8	2633	21925	59.1	9.4	9															
307003	18-Mar	14: 9	25.6	9287	4644	2912	7.3	424	19.51	25.6	10258	5119	3280	7.3	17.71	24.3	165	52	26	9.2	1.8	2656	21951	59.1	9.4	5															
307003	18-Mar	14:24	25.5	9332	4666	2926	7.3	427	19.51	25.5	10255	5147	3227	7.3	17.71	25.0	161	51	25	9.1	1.6	2652	22092	59.2	9.4	8															
307003	18-Mar	14:39	25.6	9311	4656	2919	7.3	424	19.51	25.6	10271	5136	3206	7.3	17.71	25.1	160	50	25	9.2	1.8	2651	22074	59.2	9.4	5															
307003	18-Mar	14:54	25.5	9271	4635	2907	7.3	426	19.51	25.5	10278	5114	3201	7.3	17.71	24.9	97	48	24	9.1	1.8	2654	22104	59.2	9.5	7															
307003	18-Mar	15:24	25.5	9266	4634	2906	7.3	426	19.51	25.5	10276	5114	3207	7.3	17.71	25.0	94	47	24	9.1	1.8	2660	22151	59.2	9.5	7															
307003	18-Mar	15:39	25.5	9266	4633	2905	7.3	426	19.51	25.5	10279	5114	3207	7.3	17.61	25.0	95	47	25	9.1	1.9	2667	22214	59.2	9.5	7															
307003	18-Mar	15:54	25.5	9258	4619	2896	7.2	426	19.51	25.5	10157	5098	3197	7.2	17.61	25.1	92	46	23	9.0	1.9	2664	22184	59.2	9.5	7															
307003	18-Mar	16: 9	25.5	9321	4660	2927	7.2	426	19.51	25.5	10368	5144	3255	7.1	17.71	25.0	91	46	23	9.0	1.6	2662	22190	59.2	9.5	7															
307003	18-Mar	16:24	25.6	9192	4556	2882	7.2	425	19.51	25.6	10146	5073	3181	7.2	17.71	25.1	90	45	23	9.0	1.8	2663	22171	59.1	9.5	6															
307003	18-Mar	16:39	25.4	9315	4656	2920	7.2	426	19.51	25.4	10277	5139	3222	7.2	17.71	24.9	89	44	22	8.9	1.8	2655	22162	59.3	9.5	7															
307003	18-Mar	16:54	25.5	9313	4657	2920	7.1	424	19.51	25.5	10273	5137	3221	7.1	17.71	25.0	89	44	22	8.9	1.8	2647	22148	59.3	9.4	5															
307003	18-Mar	17: 9	25.6	9221	4611	2891	7.1	426	19.51	25.6	10175	5067	3199	7.1	17.71	25.1	88	44	22	8.9	1.6	2655	22162	59.3	9.5	7															
307003	18-Mar	17:24	25.5	9317	4659	2921	7.1	426	19.51	25.5	10276	5136	3222	7.1	17.71	25.0	87	43	22	8.8	1.8	2644	22142	59.2	9.4	7															
307003	18-Mar	17:39	25.6	9216	4659	2921	7.1	425	19.51	25.6	10264	5140	3223	7.1	17.71	25.1	87	43	22	8.8	1.8	2656	22165	59.3	9.4	6															
307003	18-Mar	17:54	25.5	9292	4646	2913	7.0	426	19.51	25.5	10244	5122	3212	7.0	17.71	25.0	86	43	22	8.6	1.6	2653	21951	59.3	9.4	7															
307003	18-Mar	18: 9	25.6	9347	4674	2930	7.0	425	19.51	25.6	10306	5153	3231	7.0	17.71	25.0	85	43	22	8.7	1.8	2636	21951	59.3	9.4	6															
307003	18-Mar	18:24	25.6	9246	4623	2899	7.0	426	19.51	25.6	10194	5097	3196	7.0	17.71	25.1	85	43	21	8.7	1.8	2634	21941	59.3	9.4	7															
307003	18-Mar	18:39	25.5	9305	4663	2924	6.9	426	19.51	25.5	10279	5139	3223	6.9	17.71	25.0	84	42	21	8.7	1.8	2627	21481	59.3	9.4	7															
307003	18-Mar	18:54	25.6	9329	4664	2925	6.9	427	19.51	25.6	10280	5145	3226	6.9	17.71	25.1	84	42	21	8.6	1.6	2643	22011	59.3	9.4	8															
307003	18-Mar	19: 9	25.5	9331	4666	2925	6.9	424	19.51	25.5	10275	5137	3221	6.9	17.71	24.9	84	42	21	8.6	1.8	2609	21651	59.3	9.3	5															
307003	18-Mar	19:24	25.5	9344	4672	2929	6.8	426	19.51	25.5	10259	5149	3229	6.8	17.71	25.0	83	42	21	8.5	1.6	2654	21651	59.3	9.3	7															
307003	18-Mar	19:39	25.5	9205	4632	2886	6.8	426	19.51	25.5	10141	5071	3179	6.8	17.71	25.0	82	41	21	8.5	1.8	2614	21261	59.3	9.3	7															
307003	18-Mar	19:54	25.5	9307	4654	2916	6.8	427	19.51	25.5	10252	5126	3214	6.8	17.71	24.9	82	41	21	8.4	1.8	2608	21221	59.3	9.3	6															
307003	18-Mar	20: 9	25.6	9307	4654	2918	6.7	425	19.51	25.6	10249	5125	3213	6.7	17.71	25.1	82	41	21	8.4	1.8	2602	21671	59.3	9.3	6															
307003	18-Mar	20:24	25.5	9307	4654	2918	6.7	426	19.51	25.5	10245	5123	3212	6.7	17.71	25.0	82	41	21	8.3	1.8	2597	21571	59.3	9.2	7															
307003	18-Mar	20:39	25.5	9310	4655	2919	6.7	426	19.51	25.5	10246	5123	3212	6.7	17.71	25.0	81	40	20	8.3	1.8	2595	21571	59.3	9.2	7															
307003	18-Mar	20:54	25.6	9318	4659	2921	6.6	426	19.51	25.6	10256	5128	3216	6.6	17.71	25.1	81	40	20	8.2	1.6	2590	21561	59.3	9.2	7															
307016	18-Mar	21: 9	25.4	9207	4653	2918	6.6	433	19.51	25.4	10145	5223	3275	6.6	17.31	24.9	156	78	39	7.3	2.2	3166	25961	59.7	11.1	14															
307016	18-Mar	21:24	25.5	9300	4650	2916	6.6	427	19.41	25.5	10376	5199	3260	6.6	17.31	25.0	112	56	28	7.8	2.1	2981	24251	59.1	10.7	8															
307016	18-Mar	21:39	25.6	9202	4601	2885	6.6	424	19.51	25.6	10269	5134	3219	6.6	17.31	25.1	107	54	27	7.8	2.0	2747	24541	59.1	10.5	5															
307016	18-Mar	21:54	25.5	9325	4663	2924	6.6	425	19.51	25.5	10401	5201	3261	6.6	17.31	25.0	104	52	26	7.7	2.0	2935	24431	59.2	10.5	6															
307016	18-Mar	22: 9	25.6	9305	4653	2917	6.5	425	19.51	25.6	10379	5190	3254	6.5	17.31	25.1	102	51	26	7.6	2.0	2935	24431	59.2	10.5	6															
307016	18-Mar	22:24	25.5	9183	4551	2879	6.5	426	19.51	25.5	10241	5121	3211	6.5	17.31	25.0	99	50	25	7.5	2.0	2929	24391	59.2	10.4	7															
307016	18-Mar	22:39	25.5	9289	4644	2912	6.5	426	19.51	25.5	10354	5177	3246	6.5	17.31	24.9	97	49	24	7.3	2.0	2916	24281	59.2	10.4	7															
307016	18-Mar	22:54	25.6	9255	4647	2914	6.5	426	19.51	25.6	10360	5180	3246	6.5	17.31	25.0	96	48	24	7.2	2.0	2914	24241	59.2	10.4	7															
307016	18-Mar	23: 9	25.6	9186	4593	2880	6.5	425	19.51	25.6	10235	5118	3209	6.5	17.31	25.1	95	48	24	7.0	2.0	2905	24191	59.2	10.3	6															
307016	18-Mar	23:24	25.4	9296	4648	2914	6.4	426	19.51	25.4	10353	5176	3246	6.4	17.31	24.9	93	47	23	6.7	2.0	2893	24051	59.2	10.3	7															
307016	18-Mar	23:39	25.5	9301	4651	2916	6.4	426	19.51	25.5	10357	5178	3247	6.4	17.31	25.0	93	47	23	6.4	2.0	2889	24051	59.2	10.3	6															
307016	18-Mar	23:54	25.5	9193	4597	2882	6.4	425	19.51	25.5	10234	5117	3209	6.4	17.31	25.1	92	46	23	6.2	2.0	2883	240101	59.2	10.3	6															
307016	19-Mar	0: 9	25.5	9321	4660	2922	6.4	426	19.51	25.5	10375	5187	3253	6.4	17.31	25.0	91	46	23	6.1	2.0	2877	239581	59.3	10.2	7															
307016	19-Mar	0:24	25.6	9323	4662	2923	6.4	426	19.51	25.6	10376	5188	3253	6.4	17.31	25.1	91	45	23	6.0	2.0	2876	239491	59.3	10.2	7															
307016	19-Mar	0:39	25.5	9306	4653	2916	6.4	428	19.51	25.5	10357	5179	3247	6.4	17.31	25.0	90	45	23	6.0	2.0	2876	239491	59.3	10.2	9															
307016	19-Mar	0:54	25.6	9301	4651	2916	6.4	427	19.51	25.6	10352	5176	3245	6.4	17.31	25.1	89	45	22	5.9	2.0	2876	239491	59.3	10.2	8															
307016	19-Mar	1: 9	25.5	9264	4632	2904	6.3	425	19.41	25.5	10361	5151	3230	6.3	17.41</																										

Serial Date	Time	SPEED WATER PARAMETERS				BRINE SINKING PARAMETERS				PRODUCT WATER PARAMETERS				OTHER DATA			
		Temp	Cond	US	CI-	ph	Inlet	Flow	psi	Temp	Cond	US	CI-	ph	Flow	Flow	Flow
		deg C	u/s	ppm	ppm		psi	deg C	u/s	deg C	u/s	ppm	ppm		GPM	GPM	GPM
3/27/16 17-Mar	2:24	25.6	9205	4602	2886	6.3	427	19.41	25.6	10239	5169	3210	43	22	5.8	2.0	2845
3/27/16 19-Mar	2:39	25.5	9252	4646	2913	6.3	425	19.51	25.5	10170	5160	3235	43	22	5.7	2.0	2830
3/27/16 19-Mar	2:54	25.6	9285	4643	2911	6.3	425	19.51	25.6	10316	5161	3214	43	22	5.7	2.0	2830
3/27/16 19-Mar	3: 9	25.5	9243	4622	2898	6.3	426	19.51	25.5	10263	5158	3218	43	21	5.7	2.0	2814
3/27/16 19-Mar	3:24	25.5	9263	4632	2904	6.3	426	19.51	25.5	10289	5144	3226	43	21	5.7	2.0	2823
3/27/16 19-Mar	3:39	25.6	9195	4538	2865	6.2	425	19.51	25.6	10210	5105	3201	43	21	5.7	2.0	2816
3/27/16 19-Mar	3:54	25.5	9283	4642	2910	6.2	426	19.51	25.5	10306	5153	3231	42	21	5.7	2.0	2810
3/27/16 19-Mar	4: 9	25.6	9252	4646	2913	6.2	426	19.51	25.6	10318	5163	3235	42	21	5.6	2.0	2815
3/27/16 19-Mar	4:24	25.4	9266	4633	2905	6.2	425	19.51	25.4	10281	5140	3223	42	21	5.6	1.9	2795
3/27/16 19-Mar	4:39	25.5	9263	4631	2904	6.2	426	19.51	25.5	10262	5141	3223	42	21	5.6	1.9	2805
3/27/16 19-Mar	4:54	25.6	9187	4594	2869	6.2	425	19.51	25.6	10196	5058	3197	42	21	5.6	1.9	2802
3/27/16 19-Mar	5: 9	25.5	9272	4636	2907	6.2	432	19.51	25.5	10268	5135	3228	42	21	5.6	1.9	2802
3/27/16 19-Mar	5:24	25.6	9297	4648	2915	6.2	423	19.51	25.6	10278	5135	3222	42	21	5.6	1.9	2795
3/27/16 19-Mar	5:39	25.4	9263	4634	2906	6.3	427	19.51	25.4	10255	5127	3215	42	21	5.6	1.9	2795
3/27/16 19-Mar	5:54	25.5	9287	4644	2912	6.3	424	19.51	25.5	10276	5136	3222	42	21	5.6	1.9	2795
3/27/16 19-Mar	6: 9	25.5	9284	4642	2911	6.3	427	19.51	25.5	10269	5135	3220	42	21	5.6	1.9	2795
3/27/16 19-Mar	6:24	25.6	9302	4651	2916	6.3	424	19.51	25.6	10288	5144	3225	41	21	5.6	1.9	2795
3/27/16 19-Mar	6:39	25.5	9303	4651	2917	6.3	426	19.51	25.5	10268	5144	3226	41	21	5.6	1.9	2795
3/27/16 19-Mar	6:54	25.6	9212	4606	2888	6.2	426	19.51	25.6	10186	5094	3194	41	21	5.6	1.9	2795
3/27/16 19-Mar	7: 9	25.5	9268	4644	2912	6.2	426	19.51	25.5	10272	5136	3220	41	21	5.6	1.9	2795
3/27/16 19-Mar	7:24	25.5	9246	4623	2899	6.2	426	19.51	25.5	10223	5134	3205	41	21	5.6	1.9	2795
3/27/16 19-Mar	7:39	25.6	9286	4643	2911	6.2	426	19.51	25.6	10268	5142	3219	41	21	5.6	1.9	2795
3/27/16 19-Mar	7:54	25.5	9191	4596	2881	6.2	426	19.51	25.5	10180	5093	3185	41	21	5.6	1.9	2795
3/27/16 19-Mar	8:12	25.5	9230	4615	2894	6.2	437	19.51	25.5	10229	5114	3207	41	21	5.6	1.9	2795
3/27/16 19-Mar	8:34	25.6	9257	4578	2871	6.2	432	19.51	25.6	10136	5048	3178	41	21	5.6	1.9	2795
3/27/16 19-Mar	8:54	25.5	9231	4646	2913	6.2	431	19.51	25.5	10271	5145	3220	41	21	5.6	1.9	2795
3/27/16 19-Mar	10:24	25.6	9312	4656	2919	6.2	428	19.51	25.6	10291	5145	3226	41	21	5.6	1.9	2795
3/27/16 19-Mar	10:39	25.5	9205	4602	2886	6.2	432	19.51	25.5	10180	5090	3192	41	21	5.6	1.9	2795
3/27/16 19-Mar	10:54	25.6	9261	4631	2903	6.2	432	19.51	25.6	10244	5142	3212	41	21	5.6	1.9	2795
3/27/16 19-Mar	11: 9	25.5	9173	4560	2876	6.2	430	19.51	25.5	10138	5083	3178	41	21	5.6	1.9	2795
3/27/16 19-Mar	11:24	25.6	9271	4635	2907	6.2	431	19.51	25.6	10250	5143	3214	41	21	5.6	1.9	2795
3/27/16 19-Mar	11:52	25.5	9206	4604	2887	6.2	431	19.51	25.5	10176	5068	3160	41	21	5.6	1.9	2795
3/27/16 19-Mar	12: 9	25.6	9193	4597	2882	6.2	430	19.51	25.6	10157	5078	3184	41	21	5.6	1.9	2795
3/27/16 19-Mar	12:24	25.6	9264	4632	2904	6.2	430	19.51	25.6	10238	5111	3210	41	21	5.6	1.9	2795
3/27/16 19-Mar	12:39	25.5	9248	4624	2899	6.2	431	19.41	25.5	10222	5111	3205	41	21	5.6	1.9	2795
3/27/16 19-Mar	12:54	25.6	9269	4635	2906	6.2	430	19.51	25.6	10242	5121	3211	41	21	5.6	1.9	2795
3/27/16 19-Mar	13: 9	25.5	9152	4676	2932	6.2	431	19.51	25.5	10316	5158	3234	41	21	5.6	1.8	2681
3/27/16 19-Mar	13:24	25.6	9282	4641	2910	6.1	430	19.51	25.6	10279	5151	3207	41	21	5.5	1.8	2622
3/27/16 19-Mar	13:39	25.6	9368	4684	2937	6.1	431	19.51	25.6	10319	5160	3235	41	21	5.5	1.8	2610
3/27/16 19-Mar	13:54	25.6	9326	4663	2924	6.1	431	19.51	25.6	10268	5134	3219	41	21	5.5	1.8	2597
3/27/16 19-Mar	14: 9	25.6	9405	4703	2949	6.1	431	19.51	25.6	10354	5177	3246	41	21	5.5	1.8	2594
3/27/16 19-Mar	14:24	25.5	9376	4688	2939	6.1	432	19.51	25.5	10306	5140	3236	41	21	5.5	1.8	2590
3/27/16 19-Mar	14:39	25.6	9316	4658	2921	6.1	433	19.51	25.6	10258	5129	3218	41	21	5.5	1.8	2599
3/27/16 19-Mar	14:54	25.6	9352	4696	2945	6.1	430	19.51	25.6	10298	5142	3238	41	21	5.5	1.8	2584
3/27/16 19-Mar	15: 9	25.6	9351	4676	2932	6.1	431	19.51	25.6	10284	5142	3224	41	21	5.5	1.8	2567
3/27/16 19-Mar	15:24	25.6	9363	4691	2942	6.1	430	19.51	25.6	10318	5159	3235	41	21	5.4	1.8	2565
3/27/16 19-Mar	15:39	25.4	9246	4623	2897	6.1	431	19.51	25.4	10162	5081	3186	41	21	5.4	1.8	2551
3/27/16 19-Mar	15:54	25.6	9168	4584	2874	6.1	431	19.51	25.6	10075	5031	3160	41	21	5.3	1.6	2557
3/27/16 19-Mar	16: 9	25.6	9197	4599	2883	6.0	431	19.51	25.6	10115	5057	3171	41	21	5.3	1.6	2567
3/27/16 19-Mar	16:24	25.6	9226	4613	2892	6.0	432	19.51	25.6	10145	5073	3161	41	21	5.3	1.8	2563
3/27/16 19-Mar	16:39	25.6	9163	4582	2873	6.0	428	19.51	25.6	10065	5033	3156	41	21	5.3	1.8	2537
3/27/16 19-Mar	16:54	25.6	9221	4610	2851	6.0	431	19.51	25.6	10138	5069	3179	41	21	5.3	1.8	2560
3/27/16 19-Mar	17:20	25.6	9260	4640	2909	6.0	432	19.51	25.6	10301	5100	3198	41	21	5.3	1.8	2554

ELEMENTAL TESTED					FIELD WATER PARAMETERS					SPRING SIGCAN PARAMETERS					PRODUCT WATER PARAMETERS					OTHER DATA								
Serial Date	size	temp	Cond	l05	Cl-	ph	Inlet flow	psi	GFM	deg C	uoahs	ppm	l05	Cl-	ph	mlow	deg C	uoahs	ppm	l05	Cl-	ph	Pflow	Pflow	Flow	Cl-	Percent Delta	
Number		deg C	uoahs	ppm	ppa											GFM							GFM	GPD	lb/day	I Reg	Fecov	psi
307016 20/Mar	6:50	25.5	9351	4676	2932	6.0	431	19.51	25.5	10324	5167	3237	6.0	17.61	25.0	134	67	34	5.4	1.9	2681	22278:	98.9	9.5	7			
307016 20/Mar	7: 5	25.6	9294	4647	2914	6.0	430	19.51	25.6	10361	5130	3212	6.0	17.61	25.1	133	66	33	5.4	1.9	2680	22319:	98.9	9.5	6			
307016 20/Mar	7:20	25.6	9333	4666	2926	6.0	430	19.51	25.6	10304	5152	3230	6.0	17.61	25.1	131	65	33	5.4	1.9	2660	22319:	98.9	9.5	6			
307016 20/Mar	7:35	25.6	9343	4671	2929	6.0	430	19.51	25.6	10313	5157	3233	6.0	17.61	25.1	129	64	32	5.4	1.9	2675	22275:	98.9	9.5	6			
307016 20/Mar	7:5	25.5	9311	4656	2919	6.0	431	19.51	25.5	10274	5137	3221	6.0	17.61	25.0	127	63	32	5.4	1.9	2665	22197:	97.9	9.5	7			
307018 20/Mar	8: 5	25.6	9268	4634	2906	6.0	430	19.51	25.6	10228	5114	3207	6.0	17.61	25.1	125	63	31	5.4	1.9	2667	22214:	97.9	9.5	6			
307018 20/Mar	8:20	25.6	9260	4630	2903	6.0	430	19.51	25.6	10219	5109	3204	6.0	17.61	25.1	123	62	31	5.4	1.9	2666	22205:	99.0	9.5	6			
307018 20/Mar	8:35	25.6	9329	4664	2925	6.0	431	19.51	25.6	11293	5146	3227	6.0	17.71	25.1	122	61	31	5.4	1.8	2661	22162:	99.0	9.5	7			
307018 20/Mar	8:50	25.6	9340	4670	2928	6.0	431	19.51	25.6	10304	5152	3231	6.0	17.71	25.0	121	60	30	5.4	1.8	2659	22144:	99.0	9.5	7			
307018 20/Mar	9: 5	25.5	9258	4629	2903	6.0	429	19.51	25.5	10205	5103	3199	6.0	17.71	25.0	120	60	30	5.4	1.8	2637	21560:	95.0	9.4	5			
307018 20/Mar	10:20	25.6	9317	4659	2921	6.0	431	19.51	25.6	10274	5137	3221	6.0	17.71	25.1	114	57	29	5.4	1.8	2645	22030:	99.1	9.4	7			
307016 20/Mar	10:35	25.5	9277	4639	2906	6.0	431	19.51	25.5	10226	5113	3206	6.0	17.71	25.0	113	56	28	5.4	1.8	2636	21951:	97.1	9.4	7			
307018 20/Mar	10:50	25.6	9252	4626	2901	6.0	431	19.51	25.6	10200	5100	3198	6.0	17.71	25.1	112	56	28	5.4	1.8	2639	21978:	99.1	9.4	7			
307018 20/Mar	11: 5	25.6	9313	4657	2920	6.0	431	19.51	25.6	10266	5133	3218	6.0	17.71	25.1	112	56	28	5.4	1.8	2635	21943:	99.1	9.4	7			
307018 20/Mar	11:20	25.5	9313	4657	2920	6.0	431	19.51	25.5	10264	5132	3216	6.0	17.71	25.0	110	55	28	5.4	1.8	2631	21907:	99.1	9.4	7			
307018 20/Mar	11:35	25.6	9266	4633	2905	6.0	430	19.51	25.6	10212	5106	3201	6.0	17.71	25.1	110	55	28	5.3	1.8	2628	21896:	99.1	9.4	6			
307018 20/Mar	11:50	25.6	9333	4666	2926	6.0	431	19.51	25.6	10285	5143	3225	6.0	17.71	25.1	108	54	27	5.4	1.8	2627	21881:	99.1	9.4	7			
307018 20/Mar	12: 5	25.5	9251	4645	2913	6.0	431	19.51	25.5	10236	5119	3210	6.0	17.71	25.0	107	54	27	5.4	1.8	2625	21864:	99.1	9.3	7			
307018 20/Mar	12:20	25.6	9243	4622	2898	6.0	430	19.51	25.6	10186	5093	3193	6.0	17.71	25.1	107	53	27	5.4	1.6	2627	21681:	99.1	9.4	6			
307018 20/Mar	12:35	25.6	9316	4658	2921	6.0	430	19.51	25.6	10265	5133	3216	6.0	17.71	25.1	106	53	27	5.4	1.8	2623	21846:	99.1	9.3	6			
307018 20/Mar	12:50	25.6	9274	4637	2908	6.0	430	19.51	25.6	10217	5108	3203	6.0	17.71	25.0	104	52	26	5.4	1.8	2618	21802:	99.1	9.3	6			
307018 20/Mar	13: 5	25.4	9375	4686	2939	6.0	431	19.51	25.4	10316	5158	3234	6.0	17.71	24.9	105	52	26	5.4	1.8	2588	21557:	99.1	9.2	7			

ADDITIONAL FRESHWATER TEST DATA

ELEMENTARY TESTED										SPEED WATER PARAMETERS										FINE STREAM PARAMETERS										PRODUCT WATER PARAMETERS										OTHER DATA	
Serial Number	Date	Time	Temp	Cool	HWS	Cl-	pH	Inlet Flow	psi	BPM	fpm	deg C	Watts	GPS	ppm	Cl-	pH	Milow Temp	RHM	deg C	Cond fpm	TDS ppm	Film Follow	Flow BPM	Pillow Follow	Flow BPM	Revol psi														
307003	25-Mar	17:16	25.6	1022	511	307	5.1	377	19.5	25.6	1103	569	336	5.1	17.8	25.1	10	5	3	4.1	1.7	2430	20737	99.0	8.9	6															
307003	25-Mar	17:31	25.6	1022	511	306	5.1	377	19.6	25.6	1119	560	336	5.1	17.9	25.1	10	5	3	4.1	1.7	2486	20703	99.0	8.8	6															
307003	25-Mar	17:46	25.6	1068	504	302	5.1	378	19.5	25.6	1105	552	331	5.1	17.8	25.1	10	5	3	4.0	1.7	2452	20752	99.0	8.9	7															
307003	25-Mar	18:1	25.7	1066	503	302	5.2	379	19.5	25.7	1103	551	331	5.2	17.8	25.1	10	5	3	4.0	1.7	2473	20767	99.0	8.9	6															
307003	25-Mar	18:16	25.6	999	500	300	5.2	378	19.5	25.6	1075	548	329	5.2	17.8	25.1	10	5	3	4.0	1.7	2480	20654	99.0	8.8	7															
307003	25-Mar	18:31	25.6	1067	503	302	5.2	373	19.6	25.6	1101	550	330	5.2	17.9	25.1	10	5	3	4.1	1.7	2435	20779	99.0	8.6	2															
307003	25-Mar	18:46	25.6	1009	505	303	5.2	379	19.6	25.6	1105	552	331	5.2	17.9	25.1	10	5	3	4.1	1.7	2470	20750	99.0	8.7	8															
307003	25-Mar	19:1	25.6	1010	505	303	5.2	379	19.6	25.6	1105	553	332	5.2	17.9	25.1	10	5	3	4.1	1.7	2465	20729	99.0	8.7	8															
307003	25-Mar	19:16	25.7	1060	500	300	5.2	374	19.6	25.7	1074	547	328	5.2	17.9	25.1	10	5	3	4.1	1.7	2479	20737	99.0	8.6	3															
307003	25-Mar	19:31	25.7	1010	505	303	5.2	379	19.6	25.7	1106	553	332	5.2	17.9	25.1	10	5	3	4.1	1.7	2462	20543	99.0	8.7	8															
307003	25-Mar	19:46	25.7	1001	500	300	5.2	379	19.6	25.7	1095	547	328	5.2	17.9	25.1	10	5	3	4.1	1.7	2454	20437	99.0	8.7	8															
307003	25-Mar	20:1	25.6	998	499	299	5.2	374	19.6	25.6	1090	545	327	5.2	17.9	25.0	10	5	3	4.1	1.7	2413	20654	99.0	8.6	3															
307003	25-Mar	20:16	25.6	1003	501	302	5.2	379	19.6	25.6	1077	549	329	5.2	17.9	25.1	10	5	3	4.1	1.7	2442	20745	99.0	8.7	8															
307003	25-Mar	20:31	25.6	1006	504	302	5.3	379	19.6	25.6	1102	551	331	5.3	17.9	25.0	10	5	3	4.1	1.7	2437	20712	99.0	8.6	8															
307003	25-Mar	20:46	25.6	1003	502	301	5.3	379	19.6	25.6	1077	549	329	5.3	17.9	25.1	10	5	3	4.2	1.7	2439	20712	99.0	8.6	8															
307003	25-Mar	21:1	25.6	1001	500	300	5.3	376	19.6	25.6	1083	547	328	5.3	17.9	25.1	10	5	3	4.2	1.7	2417	20712	99.0	8.6	5															
307003	25-Mar	21:16	25.6	1007	503	302	5.3	376	19.6	25.6	1100	550	330	5.3	17.9	25.1	10	5	3	4.2	1.7	2432	20554	99.0	8.6	8															
307003	25-Mar	21:31	25.7	993	496	298	5.3	375	19.6	25.7	1085	543	326	5.3	17.9	25.1	10	5	3	4.2	1.7	2452	20554	99.0	8.6	6															
307003	25-Mar	21:46	25.7	1001	500	300	5.3	375	19.6	25.7	1074	547	328	5.3	17.9	25.1	10	5	3	4.2	1.7	2426	20243	99.0	8.6	8															
307003	25-Mar	22:1	25.6	996	498	299	5.3	377	19.6	25.6	1068	544	326	5.3	17.9	25.1	10	5	3	4.2	1.7	2434	20621	99.0	8.5	6															
307003	25-Mar	22:16	25.6	1011	505	303	5.3	377	19.6	25.6	1104	552	331	5.3	17.9	25.0	10	5	3	4.2	1.7	2402	20643	99.0	8.5	6															
307003	25-Mar	22:31	25.6	1003	502	301	5.3	377	19.6	25.6	1076	546	329	5.3	17.9	25.1	10	5	3	4.2	1.7	2407	20643	99.0	8.5	6															
307003	25-Mar	22:46	25.6	998	499	299	5.3	379	19.6	25.6	1090	545	327	5.3	17.9	25.1	10	5	3	4.2	1.7	2414	20104	99.0	8.6	5															
307003	25-Mar	23:1	25.6	1001	501	300	5.3	379	19.6	25.6	1094	547	328	5.3	17.9	25.1	10	5	3	4.2	1.7	2406	20077	99.0	8.5	8															
307003	25-Mar	23:16	25.6	997	498	299	5.3	378	19.6	25.6	1089	544	327	5.3	17.9	25.1	10	5	3	4.2	1.7	2408	20954	99.0	8.5	7															
307003	25-Mar	23:31	25.6	1010	505	303	5.3	378	19.6	25.6	1103	551	331	5.3	17.9	25.0	10	5	3	4.2	1.7	2422	20064	99.0	8.5	7															
307003	25-Mar	23:46	25.6	1004	502	301	5.3	378	19.6	25.6	1096	549	329	5.3	17.9	25.1	10	5	3	4.2	1.7	2397	19562	99.0	8.5	7															
307003	25-Mar	0:1	25.6	1002	501	301	5.4	378	19.6	25.6	1074	547	328	5.4	17.9	25.0	10	5	3	4.2	1.7	2394	19927	99.0	8.5	7															
307003	25-Mar	0:16	25.6	1010	505	303	5.4	377	19.6	25.6	1103	551	331	5.4	17.9	25.1	10	5	3	4.2	1.7	2388	19867	99.0	8.5	6															
307003	25-Mar	0:31	25.6	1006	503	302	5.4	377	19.6	25.6	1107	545	327	5.4	17.9	25.0	10	5	3	4.2	1.7	2386	19811	99.0	8.5	6															
307003	25-Mar	15:16	25.8	1006	503	302	5.1	378	19.6	25.8	1106	550	330	5.1	17.9	25.2	11	6	3	4.0	1.7	2437	20553	98.9	8.6	7															
307003	25-Mar	15:31	25.6	1008	504	302	5.2	377	19.6	25.6	1101	550	330	5.2	17.9	25.1	11	6	3	4.2	1.7	2409	20062	98.9	8.5	6															
307003	25-Mar	15:46	25.6	1009	504	303	5.2	377	19.6	25.6	1102	551	331	5.2	17.9	25.1	11	6	3	4.2	1.7	2406	20954	98.9	8.5	6															
307003	25-Mar	16:1	25.5	1007	503	302	5.2	379	19.6	25.5	1100	550	330	5.2	17.9	25.0	11	5	3	4.2	1.7	2412	20067	98.9	8.6	8															
307003	25-Mar	16:16	25.6	1006	503	302	5.2	379	19.6	25.6	1109	550	330	5.2	17.9	25.0	12	6	3	4.3	1.7	2413	20056	98.8	8.6	8															
307003	25-Mar	16:31	25.6	1005	502	301	5.2	379	19.6	25.6	1097	549	329	5.2	17.9	25.0	13	6	4	4.3	1.7	2416	20671	98.7	8.6	8															
307003	25-Mar	16:46	25.6	1010	505	303	5.3	379	19.6	25.6	1104	552	331	5.3	17.9	25.0	12	6	4	4.3	1.7	2411	20679	98.8	8.6	8															
307003	25-Mar	17:1	25.6	1008	504	302	5.3	375	19.6	25.6	1106	550	330	5.3	17.9	25.0	11	5	3	4.3	1.7	2380	19621	98.9	8.5	4															
307003	25-Mar	17:16	25.6	1001	501	300	5.3	379	19.6	25.6	1074	547	328	5.3	17.9	25.0	10	5	3	4.3	1.7	2408	20554	99.0	8.5	8															
307003	25-Mar	17:31	25.6	1004	502	301	5.3	379	19.6	25.6	1097	546	329	5.3	17.9	25.0	10	5	3	4.3	1.7	2406	19567	99.0	8.5	8															
307003	25-Mar	17:46	25.6	1015	507	304	5.3	375	19.6	25.6	1107	553	332	5.3	18.0	25.0	9	5	3	4.3	1.6	2370	19737	99.1	8.4	4															
307003	25-Mar	18:1	25.6	1009	505	303	5.3	379	19.6	25.6	1102	551	331	5.3	17.9	25.0	9	4	3	4.3	1.7	2397	19622	99.1	8.5	8															
307003	25-Mar	18:16	25.6	1010	505	303	5.3	379	19.6	25.6	1103	551	331	5.3	17.9	25.0	9	4	3	4.3	1.7	2395	19346	99.1	8.5	8															
307003	25-Mar	18:31	25.6	1002	501	301	5.3	375	19.6	25.6	1063	546	328	5.3	18.0	25.0	9	4	3	4.3	1.6	2366	19704	99.1	8.4	4															
307003	25-Mar	18:46	25.6	1007	503	302	5.3	379	19.6	25.6	1099	550	330	5.3	17.9	25.0	8	4	3	4.3	1.7	2391	19912	99.2	8.5	8															
307003	25-Mar	19:1	25.6	1002	501	301	5.3	379	19.6	25.6	1074	547	328	5.3	17.9	25.0	8	4	3	4.3	1.7	2390	19343	99.2	8.5	8															
307003	25-Mar	19:16	25.6	1009	504	302	5.3	379	19.6	25.6	1101	550	330	5.3	17.9	25.0	8	4	2	4.3	1.7	2385	19664	99.2	8.5	8															
307003	25-Mar	19:31	25.6	1009	505	303	5.4	377	19.7	25.6	1101	551	330	5.4	18.0	25.0	8	4	2	4.3	1.7	2378	19643	99.2	8.4	6															
307003	25-Mar	19:46	25.6	1006	503	302	5.4	377	19.5	25.6	1097	545	325	5.4	17.9	25.0	8	4	2	4.3	1.6	2374	19771	99.2	8.4	6															
307003	25-Mar	20:1	25.6	1014	507	304	5.4	377	19.7	25.6	1107	553	332	5.4	18.0	25.1	8	4	2	4.3	1.7	2376	19643	99.2	8.4	6															
307003	25-Mar	20:16	25.7	1012	506	304	5.4	377	19.6	25.7	11																														

ELEMENT/TESTED				SPEED WATER PARAMETERS				IN-LINE STREAM PARAMETERS				PRODUCT WATER PARAMETERS				OTHER DATA			
Serial Number	Date	Line	Flow	Temp	Cond	TDS	Cl-	ph	Inlet	Flow	Temp	Cond	TDS	Cl-	ph	Flow	Temp	Cond	Flow
				deg C		ppm	ppm		psi	GPM	deg C	uachs	ppm	ppm		GPM	deg C	uachs	GPM
307003	26/Mar	21:1	25.6	1015	508	305	305	5.4	378	19.7	25.6	1108	554	332	4.3	1.7	2378	19804	99.2
307003	26/Mar	21:16	25.6	1007	503	302	302	5.4	378	19.5	25.6	1095	545	330	4.3	1.6	2375	19779	99.2
307003	26/Mar	21:31	25.7	1008	504	302	302	5.4	378	19.7	25.7	1095	550	330	4.3	1.7	2381	19829	99.2
307003	26/Mar	21:46	25.7	995	497	298	298	5.4	378	19.7	25.7	1085	545	326	4.3	1.7	2377	19796	99.2
307003	26/Mar	22:1	25.6	1005	502	301	301	5.4	378	19.6	25.6	1096	548	329	4.3	1.6	2374	19771	99.2
307003	26/Mar	22:16	25.6	1005	502	301	301	5.4	378	19.6	25.6	1096	548	329	4.3	1.6	2371	19745	99.2
307003	26/Mar	22:31	25.6	1007	504	302	302	5.4	378	19.6	25.6	1099	549	330	4.3	1.6	2372	19754	99.2
307003	26/Mar	22:46	25.7	1004	502	301	301	5.4	378	19.6	25.7	1096	548	329	4.3	1.7	2376	19787	99.2
307003	26/Mar	23:1	25.6	1007	503	302	302	5.4	378	19.6	25.6	1098	549	329	4.3	1.6	2370	19737	99.3
307003	26/Mar	23:16	25.6	1003	502	301	301	5.4	378	19.6	25.6	1095	547	328	4.3	1.6	2366	19704	99.2
307003	26/Mar	23:31	25.6	1004	502	301	301	5.4	378	19.6	25.6	1095	547	328	4.3	1.6	2367	19712	99.2
307003	26/Mar	23:46	25.6	1015	508	305	305	5.4	378	19.6	25.6	1107	554	332	4.4	1.6	2369	19729	99.3
307003	27/Mar	0:1	25.6	1005	504	302	302	5.4	377	19.6	25.6	1099	549	330	4.3	1.6	2370	19737	99.3
307003	27/Mar	0:16	25.6	998	499	299	299	5.4	378	19.6	25.6	1088	544	326	4.4	1.6	2361	19662	99.2
307003	27/Mar	0:31	25.6	1017	509	305	305	5.4	378	19.6	25.6	1109	555	333	4.4	1.6	2361	19662	99.3
307003	27/Mar	0:46	25.6	1013	506	304	304	5.4	378	19.6	25.6	1104	552	331	4.4	1.6	2363	19675	99.3
307003	27/Mar	1:1	25.7	1008	504	302	302	5.4	377	19.6	25.7	1097	550	330	4.3	1.6	2366	19704	99.3
307003	27/Mar	1:16	25.6	1000	500	300	300	5.4	377	19.5	25.6	1101	546	327	4.3	1.6	2364	19687	99.2
307003	27/Mar	1:31	25.6	1009	505	303	303	5.4	378	19.6	25.6	1100	550	330	4.3	1.6	2356	19637	99.3
307003	27/Mar	1:46	25.6	1012	506	304	304	5.4	378	19.6	25.6	1103	552	331	4.4	1.6	2356	19621	99.3
307003	27/Mar	2:1	25.6	1008	504	303	303	5.4	378	19.6	25.6	1100	550	330	4.4	1.6	2361	19662	99.3
307003	27/Mar	2:16	25.7	1003	502	301	301	5.4	378	19.6	25.7	1094	547	328	4.4	1.6	2364	19687	99.2
307003	27/Mar	2:46	25.6	1003	502	301	301	5.4	378	19.6	25.6	1095	546	328	4.4	1.6	2367	19729	99.2
307003	27/Mar	3:1	25.6	1003	501	301	301	5.4	378	19.6	25.6	1094	547	328	4.4	1.6	2363	19679	99.2
307003	27/Mar	3:16	25.7	1013	506	304	304	5.4	377	19.6	25.7	1104	552	331	4.4	1.6	2365	19675	99.3
307003	27/Mar	3:31	25.7	1003	501	301	301	5.4	377	19.6	25.7	1093	547	328	4.4	1.6	2364	19687	99.3
307003	27/Mar	3:46	25.6	999	499	300	300	5.4	376	19.6	25.6	1087	544	327	4.4	1.6	2360	19654	99.2
307003	27/Mar	4:1	25.6	1014	507	304	304	5.4	378	19.6	25.6	1106	553	332	4.4	1.6	2357	19657	99.3
307003	27/Mar	4:16	25.6	1009	505	303	303	5.4	378	19.6	25.6	1100	550	330	4.4	1.6	2360	19654	99.3
307003	27/Mar	4:31	25.7	1006	503	302	302	5.4	378	19.6	25.7	1097	549	329	4.4	1.6	2364	19687	99.2
307003	27/Mar	4:46	25.6	1013	506	304	304	5.4	378	19.6	25.6	1104	552	331	4.4	1.6	2359	19646	99.3
307003	27/Mar	5:1	25.6	1010	505	303	303	5.4	378	19.6	25.6	1101	550	330	4.4	1.6	2355	19612	99.3
307003	27/Mar	5:16	25.6	1008	504	302	302	5.4	378	19.6	25.6	1099	549	330	4.4	1.6	2358	19671	99.3
307003	27/Mar	5:31	25.7	996	498	299	299	5.4	378	19.6	25.7	1086	543	326	4.4	1.6	2362	19671	99.2
307003	27/Mar	5:46	25.6	1010	505	303	303	5.4	378	19.6	25.6	1101	550	330	4.4	1.6	2356	19671	99.3
307003	27/Mar	6:1	25.6	1007	504	302	302	5.4	378	19.6	25.6	1098	549	329	4.4	1.6	2354	19644	99.3
307003	27/Mar	6:16	25.6	1017	509	305	305	5.4	378	19.6	25.6	1109	555	333	4.4	1.6	2356	19671	99.3
307003	27/Mar	6:31	25.7	1003	501	301	301	5.4	378	19.6	25.7	1094	547	328	4.4	1.6	2359	19646	99.3
307003	27/Mar	6:46	25.6	1000	500	300	300	5.4	378	19.6	25.6	1096	545	327	4.4	1.6	2351	19579	99.2
307003	27/Mar	7:1	25.6	1005	502	301	301	5.4	378	19.6	25.6	1095	547	328	4.4	1.6	2353	19596	99.2
307003	27/Mar	7:16	25.7	1005	502	301	301	5.4	378	19.6	25.7	1095	546	329	4.4	1.6	2358	19671	99.2
307003	27/Mar	7:31	25.7	1011	505	303	303	5.4	378	19.6	25.7	1102	551	331	4.4	1.6	2355	19612	99.3
307003	27/Mar	7:46	25.6	1010	505	303	303	5.4	378	19.6	25.6	1101	550	330	4.4	1.6	2349	19563	99.3

SEAWATER TEST

[illegible]

FIELD WATER PARAMETERS										UPPER STREAM PARAMETERS										MIDDLE WATER CHANNEL										LOWER DATA											
Serial	Date	Time	Temp	Cond	TDS	Cl-	pH	Inlet F	Flow	psi	GM	Temp	Cond	TDS	Cl-	pH	M Flow	Temp	Cond	TDS	Cl-	pH	P Flow	Temp	Cond	TDS	Cl-	pH	P Flow	Temp	Cond	TDS	Cl-	pH	P Flow	Temp	Cond	TDS	Cl-	pH	
Number			: deg C	uachts	ppm	ppm						: deg C	uachts	ppm	ppm			: deg C	uachts	ppm	ppm			: deg C	uachts	ppm	ppm			: deg C	uachts	ppm	ppm			: deg C	uachts	ppm	ppm		
307021	20/Jan	6:4	24.9	51901	35169	21360	7.6	797	20.4	24.9	51856	35158	21341	7.6	19.0	23.9	645	322	196	8.4	1.4	2079	17214	99.1	7.1	7															
307021	20/Jan	6:19	25.0	51857	35159	21342	7.6	797	20.4	25.0	51811	35128	21323	7.6	19.0	24.0	646	323	196	8.4	1.4	2082	17233	99.1	7.1	7															
307021	20/Jan	6:34	24.9	51978	35241	21391	7.6	798	20.4	24.9	51932	35210	21372	7.6	19.0	23.9	645	322	196	8.4	1.4	2083	17347	99.1	7.1	8															
307021	20/Jan	6:49	24.9	51845	35151	21337	7.6	795	20.4	24.9	51800	35120	21318	7.6	19.0	23.9	642	321	195	8.4	1.4	2075	17261	99.1	7.0	5															
307021	20/Jan	7:10	24.9	51714	35062	21283	7.6	796	20.4	24.9	51669	35032	21264	7.6	19.0	23.9	646	323	196	8.4	1.4	2068	17208	99.1	7.0	6															
307021	20/Jan	7:25	25.1	51679	35058	21268	7.6	798	20.4	25.1	51635	35007	21249	7.6	19.0	24.1	647	324	196	8.4	1.4	2069	17323	99.1	7.1	8															
307021	20/Jan	7:40	24.9	51614	34994	21242	7.6	795	20.4	24.9	51569	34964	21223	7.6	19.0	23.9	639	319	194	8.4	1.4	2069	17158	99.1	7.0	5															
307021	20/Jan	7:57	24.9	51474	34657	21184	7.6	795	20.4	24.9	51429	34629	21165	7.6	19.0	23.9	637	318	193	8.4	1.4	2065	17223	99.1	7.0	5															
307021	20/Jan	8:7	24.9	51474	34659	21184	7.6	798	20.4	24.9	51429	34669	21165	7.6	19.0	24.1	645	322	196	8.3	1.4	2059	17147	99.1	7.0	5															
307021	20/Jan	8:20	25.1	51179	34659	21063	7.6	795	20.4	25.1	51134	34669	21044	7.6	19.0	24.1	645	322	196	8.3	1.4	2059	17147	99.1	7.0	5															
307021	20/Jan	8:37	25.0	51887	35179	21354	7.6	797	20.4	25.0	51843	35150	21336	7.6	19.0	24.0	635	318	193	8.3	1.4	2042	17068	99.1	6.9	7															
307028	20/Jan	8:52	25.0	51342	34810	21130	7.6	790	20.6	25.0	51286	34772	21107	7.6	19.0	24.0	736	368	223	6.3	1.6	2276	18555	99.1	7.7	7															
307028	20/Jan	9:7	25.0	51341	34809	21129	7.6	792	20.6	25.0	51286	34772	21107	7.6	19.0	24.0	714	357	217	6.3	1.6	2304	19188	99.0	7.8	6															
307028	20/Jan	9:22	25.0	51630	35005	21246	7.6	796	20.6	25.0	51575	34668	21225	7.6	19.0	24.0	702	351	213	8.3	1.6	2310	19228	99.0	7.8	10															
307028	20/Jan	9:37	24.9	51466	34894	21181	7.6	794	20.6	24.9	51413	34858	21159	7.6	19.0	23.9	693	347	210	8.3	1.6	2287	19043	99.0	7.7	8															
307028	20/Jan	9:52	25.0	51239	34740	21087	7.6	794	20.6	25.0	51186	34704	21065	7.6	19.0	24.0	687	343	208	8.3	1.6	2286	19035	99.0	7.7	8															
307028	20/Jan	10:7	25.0	51468	34895	21181	7.6	794	20.6	25.0	51415	34859	21160	7.6	19.0	24.0	684	342	208	8.3	1.6	2258	19138	99.0	7.7	8															
307028	20/Jan	10:22	24.9	51496	34914	21193	7.6	793	20.6	24.9	51444	34879	21172	7.6	19.0	23.9	676	336	205	6.3	1.6	2265	19054	99.0	7.7	7															
307028	20/Jan	10:37	25.0	51262	34756	21097	7.6	795	20.6	25.0	51210	34720	21075	7.6	19.0	24.0	678	339	206	6.3	1.6	2285	19054	99.0	7.7	9															
307028	20/Jan	11:33	24.9	51587	34976	21230	7.6	794	20.6	24.9	51536	34941	21205	7.6	19.0	23.9	684	332	202	8.3	1.6	2282	19054	99.1	7.7	8															
307028	20/Jan	11:52	25.0	51554	34951	21233	7.6	792	20.6	25.0	51503	34946	21212	7.6	19.0	24.0	663	332	201	8.3	1.6	2289	18789	99.1	7.7	6															
307028	20/Jan	12:7	24.9	51394	34845	21151	7.6	792	20.6	24.9	51343	34811	21130	7.6	19.0	23.9	660	330	200	8.3	1.6	2274	18766	99.1	7.7	6															
307028	20/Jan	12:24	25.3	51778	35105	21309	5.7	795	20.6	25.3	51726	35070	21288	5.7	19.0	24.3	667	333	202	8.3	1.6	2305	19193	99.0	7.8	9															
307028	20/Jan	12:37	24.9	51436	34894	21181	7.6	792	20.6	24.9	51416	34860	21160	7.6	19.0	23.9	656	328	199	8.3	1.6	2255	19211	99.1	7.6	6															
307028	20/Jan	12:52	24.9	51425	34866	21164	7.6	795	20.6	24.9	51415	34832	21143	7.6	19.0	23.9	655	327	199	8.3	1.6	2274	18758	99.1	7.7	9															
307028	20/Jan	13:7	25.0	51231	34735	21084	7.6	793	20.6	25.0	51180	34706	21065	7.6	19.0	24.0	658	329	200	8.3	1.6	2285	19043	99.1	7.7	7															
307028	20/Jan	13:22	25.0	51478	34902	21186	7.6	795	20.6	25.0	51428	34869	21165	7.6	19.0	24.0	655	327	199	8.3	1.6	2283	19043	99.1	7.7	9															
307028	20/Jan	13:37	24.9	49237	33383	20263	7.6	794	20.6	24.9	49191	33351	20244	7.6	19.0	23.9	567	299	181	8.3	1.6	2305	19043	99.1	7.8	8															
307028	20/Jan	13:52	25.0	47581	33467	20314	7.6	794	20.7	25.0	49313	33434	20295	7.6	19.0	24.0	553	296	180	8.3	1.7	2358	19771	99.2	8.1	8															
307028	20/Jan	14:7	24.9	49119	33303	20215	7.6	796	20.7	24.9	49072	33271	20195	7.6	19.0	23.9	570	295	179	8.3	1.7	2357	19571	99.2	8.1	10															
307028	20/Jan	14:22	25.1	49282	33413	20282	7.6</																																		

FEED WATER PARAMETERS										SEWING STATION PARAMETERS										PRODUCT WATER PARAMETERS										WHOLE DATA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Serial Number	Date	Inlet Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp	Cond.	pH	Cl-	Inlet Flow	psi	GPM	deg C	Temp</

ELEMENT / TESTED			FEED WATER PARAMETERS										BRINE STREAM PARAMETERS										PRODUCT WATER PARAMETER										OTHER DATA		
Serial	Date	Line	Inlet Temp	Cond	TDS	Cl-	pH	Inlet F Flow	GPM	psi	deg C	leap Cond	TDS	Cl-	pH	M Flow	GPM	psi	deg C	leap Cond	TDS	Cl-	pH	P Flow	GPM	F Flow	GPM	Per.	Delta						
Number			: deg C	uachns	ppm	ppm							uachns	ppm							uachns	ppm							Rec.	psi					
307008	21/Jan	12: 9	25.4	51399	34849	21153	7.5	790	20.61	25.4	51345	34812	21131	7.5	19.0:	24.4	704	352	214	8.2	1.6	2293	15076:	99.0	7.7	3									
307008	21/Jan	12: 24	25.5	51821	35135	21327	7.5	793	20.61	25.5	51767	35098	21305	7.5	19.0:	24.5	702	351	213	8.2	1.6	2292	15171:	99.0	7.8	6									
307008	21/Jan	12: 43	25.4	51785	35110	21312	7.5	791	20.61	25.4	51731	35074	21290	7.5	19.0:	24.4	678	349	212	8.2	1.6	2294	15104:	99.0	7.7	4									
307008	21/Jan	12: 58	25.3	51893	35183	21356	7.5	794	20.61	25.3	51840	35148	21335	7.5	19.0:	24.3	691	345	210	8.2	1.6	2291	15079:	99.0	7.7	7									
307008	21/Jan	13: 12	25.4	51166	34691	21057	7.5	795	20.61	25.4	51113	34655	21035	7.5	19.0:	24.4	690	345	209	8.2	1.6	2292	15058:	99.0	7.7	8									
307008	21/Jan	13: 30	25.3	51833	35143	21332	7.5	792	20.61	25.3	51781	35108	21310	7.5	19.0:	24.3	680	340	206	8.2	1.6	2294	15271:	99.0	7.7	5									
307008	21/Jan	13: 45	25.5	51848	35153	21338	7.5	794	20.61	25.5	51795	35117	21316	7.5	19.0:	24.5	691	346	210	8.2	1.6	2291	15079:	99.0	7.7	7									
307008	21/Jan	14: 0	25.2	51653	35021	21258	7.5	796	20.61	25.2	51601	34985	21236	7.5	19.0:	24.2	680	340	206	8.2	1.6	2295	15030:	99.0	7.7	9									
307008	21/Jan	14: 15	25.4	51999	35255	21400	7.5	792	20.61	25.4	51946	35219	21378	7.5	19.0:	24.4	681	340	207	8.2	1.6	2290	15071:	99.0	7.7	5									
307008	21/Jan	14: 30	25.4	51528	34936	21206	7.5	775	20.61	25.4	51476	34901	21185	7.5	19.0:	24.4	678	339	206	8.2	1.6	2286	15038:	99.0	7.7	8									
307008	21/Jan	14: 45	25.2	51818	35133	21325	7.5	794	20.61	25.2	51766	35067	21304	7.5	19.0:	24.2	677	339	206	8.2	1.6	2274	14978:	99.0	7.7	7									
307008	21/Jan	15: 11	25.5	51595	34981	21234	7.5	793	20.61	25.5	51541	34945	21211	7.5	19.0:	24.5	708	354	215	8.2	1.6	2255	14780:	99.0	7.6	6									
307008	21/Jan	15: 21	25.4	51492	34912	21191	7.5	795	20.61	25.4	51439	34876	21170	7.5	19.0:	24.4	698	349	212	8.2	1.6	2261	14639:	99.0	7.6	8									
307008	21/Jan	15: 34	25.4	51464	34893	21180	7.5	794	20.61	25.4	51411	34857	21158	7.5	19.0:	24.4	698	349	212	8.2	1.6	2259	14613:	99.0	7.6	7									
307008	21/Jan	15: 49	25.1	51492	34912	21191	7.5	794	20.61	25.1	51441	34877	21170	7.5	19.0:	24.3	681	339	206	8.2	1.6	2247	14713:	99.0	7.6	7									
307008	21/Jan	16: 4	25.3	51667	35030	21263	7.5	792	20.61	25.3	51615	34975	21242	7.5	19.0:	24.3	681	341	207	8.2	1.6	2263	15046:	99.0	7.6	5									
307008	21/Jan	16: 15	24.0	49353	33461	20311	7.5	788	20.31	24.0	49303	33427	20290	7.5	19.0:	23.0	663	331	201	8.1	1.5	2219	14480:	99.1	7.5	1									
307008	21/Jan	16: 47	25.2	51692	35047	21274	7.5	795	20.61	25.2	51641	35013	21253	7.5	19.0:	24.2	674	337	204	8.2	1.6	2248	14721:	99.0	7.6	8									
307008	21/Jan	17: 37	25.2	51929	35208	21371	7.5	796	20.31	25.2	51879	35174	21351	7.5	19.0:	24.2	670	335	203	8.2	1.5	2225	14530:	99.0	7.5	9									
307008	21/Jan	17: 52	25.1	52017	35268	21407	7.5	795	20.31	25.1	51967	35234	21387	7.5	19.0:	24.1	666	333	202	8.2	1.5	2229	14563:	99.0	7.5	8									
307008	21/Jan	18: 7	25.3	52314	35469	21530	7.5	795	20.61	25.3	52263	35434	21509	7.5	19.0:	24.3	672	336	204	8.2	1.6	2239	14646:	99.0	7.6	8									

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REF. ANALYSTED				FIELD WATER PARAMETERS				LABORATORY WATER PARAMETERS				ANALYST			
Serial	Date	Temp	Depth	Temp	Cond	pH	DO	Temp	Cond	pH	DO	Temp	Cond	pH	DO
Numer					ug/L				ug/L				ug/L		
307019	18/Feb	11:35		25.1	50859	34510	20947	7.1	804	19.4	25.1	56783	34160	21015	7.1
307019	18/Feb	11:47		24.9	50876	34475	20939	7.1	805	19.4	24.9	56788	34022	21014	7.1
307019	18/Feb	12:12		24.9	51215	34724	21077	7.1	804	19.4	24.9	56555	36744	21077	7.1
307019	18/Feb	12:17		25.1	51111	34553	21035	7.1	804	19.4	25.1	56833	36734	21034	7.1
307019	18/Feb	12:22		25.0	51116	34657	21037	7.1	804	19.4	25.0	56833	36734	21037	7.1
307019	18/Feb	12:47		25.1	51269	34760	21100	7.1	804	19.4	25.1	56868	36834	21100	7.1
307019	18/Feb	13:15		25.1	50933	34533	20761	7.1	804	19.4	25.1	56782	34160	21015	7.1
307019	18/Feb	13:29		25.0	49328	34444	20701	7.1	799	19.3	25.0	54731	34677	20704	7.1
307019	18/Feb	13:46		25.0	51096	34643	21028	7.1	804	19.4	25.0	56469	36780	21028	7.1
307019	18/Feb	14:11		25.0	51123	34661	21040	7.1	804	19.4	25.0	56502	36834	21040	7.1
307019	18/Feb	14:16		25.0	51279	34735	21083	7.1	805	19.4	25.0	56614	36834	21083	7.1
307019	18/Feb	14:31		25.0	51162	34688	21036	7.1	804	19.4	25.0	56572	36834	21036	7.1
307019	18/Feb	14:57		25.1	51145	34676	21049	7.1	804	19.4	25.1	56565	36834	21049	7.1
307019	18/Feb	15:12		25.1	51039	34604	21005	7.1	804	19.4	25.1	56448	36770	21005	7.1
307019	18/Feb	15:27		25.1	50974	34550	20978	7.1	804	19.4	25.1	56394	36755	21009	7.1
307019	18/Feb	15:59		25.0	51309	34788	21116	7.1	804	19.4	25.0	56697	36841	21116	7.1
307019	18/Feb	16:14		25.1	51413	34858	21159	7.1	803	19.4	25.1	56876	36938	21159	7.1
307019	18/Feb	16:25		25.1	51474	34899	21184	7.2	803	19.4	25.1	56851	36945	21184	7.2
307019	18/Feb	16:44		25.0	51579	34971	21227	7.2	804	19.4	25.0	56575	36832	21227	7.2
307019	18/Feb	16:59		25.1	51607	34990	21239	7.2	803	19.4	25.1	57022	36861	21239	7.2
307019	18/Feb	17:14		25.1	51476	34701	21185	7.2	804	19.4	25.1	56858	36834	21185	7.2
307019	18/Feb	17:29		25.1	51595	34981	21234	7.2	803	19.4	25.1	56595	36842	21234	7.2
307019	18/Feb	17:44		25.0	51650	35019	21256	7.2	805	19.4	25.0	57067	36905	21256	7.2
307019	18/Feb	17:59		25.1	51453	34865	21195	7.2	804	19.4	25.1	56862	36952	21195	7.2
307019	18/Feb	18:14		25.1	51686	35030	21263	7.2	804	19.4	25.1	57104	36971	21263	7.2
307019	18/Feb	18:29		25.1	51579	34971	21227	7.2	804	19.4	25.1	57068	36860	21227	7.2
307019	18/Feb	18:44		25.1	51551	34921	21199	7.2	804	19.4	25.1	56899	36834	21199	7.2
307019	18/Feb	18:59		25.0	51352	34617	21134	7.2	804	19.4	25.0	56447	36403	21134	7.2
307019	18/Feb	19:11		25.0	51781	35108	21310	7.2	804	19.4	25.0	57176	36932	21310	7.2
307019	18/Feb	19:27		25.1	51880	35161	21343	7.2	811	19.4	25.1	58218	36972	21343	7.2
307019	18/Feb	19:44		24.9	51529	34737	21207	7.2	804	19.4	24.9	57218	36932	21207	7.2
307019	18/Feb	19:59		25.0	51587	34762	21222	7.2	802	19.4	25.0	57659	36943	21222	7.2
307019	18/Feb	20:14		25.0	51897	35159	21342	7.2	804	19.4	25.0	58002	36975	21342	7.2
307019	18/Feb	20:29		25.2	51415	34959	21160	7.2	804	19.4	25.2	57499	36854	21160	7.2
307019	18/Feb	20:44		25.4	51556	34955	21218	7.2	804	19.5	25.4	57499	36964	21218	7.2
307019	18/Feb	20:59		25.1	52069	35103	21429	7.2	803	19.4	25.1	58128	36941	21429	7.2
307019	18/Feb	21:14		25.0	51984	35245	21394	7.2	803	19.4	25.0	58170	36946	21394	7.2
307019	18/Feb	21:29		25.2	51662	35027	21261	7.2	803	19.4	25.2	57747	36955	21261	7.2
307019	18/Feb	21:44		25.1	51525	34934	21205	7.2	802	19.4	25.1	57611	36900	21205	7.2
307019	18/Feb	22:11		25.1	51681	35040	21269	7.2	802	19.4	25.1	57782	36976	21269	7.2
307019	18/Feb	22:26		25.2	51348	34614	21132	7.2	803	19.4	25.2	57418	36836	21132	7.2
307019	18/Feb	22:51		25.1	51488	34909	21150	7.2	806	19.4	25.1	57556	36844	21150	7.2
307019	18/Feb	23:16		25.1	51908	35192	21382	7.2	804	19.4	25.1	58017	36972	21382	7.2
307019	18/Feb	23:31		25.1	51486	34938	21189	7.2	804	19.4	25.1	57553	36867	21189	7.2
307019	18/Feb	23:38		24.7	51537	34942	21210	7.2	804	19.4	24.7	57439	36744	21210	7.2
307019	18/Feb	23:53		25.0	51924	35205	21369	7.2	803	19.4	25.0	57567	36915	21369	7.2
307019	18/Feb	8:02		25.2	49582	33866	20570	7.1	804	19.5	25.2	54449	36839	20570	7.1
307019	18/Feb	8:42		25.7	50494	34255	20761	7.1	804	19.5	25.7	54879	36839	20761	7.1
307019	18/Feb	9:19		25.1	51440	34876	21170	7.2	806	19.5	25.1	57646	36941	21170	7.2
307019	18/Feb	9:33		25.1	51448	34892	21173	7.2	804	19.5	25.1	57618	36943	21173	7.2
307019	18/Feb	9:48		25.2	51469	34910	21190	7.2	803	19.5	25.2	57618	36943	21190	7.2
307019	18/Feb	10:13		25.2	51671	35053	21265	7.2	804	19.5	25.2	57618	36943	21265	7.2

STATION		DATE		TIME		TEMP		COND		PH		DO		ANALYST	
NO.	NAME	MO.	DAY	HR.	MIN.	TEMP	COND	PH	DO	TEMP	COND	PH	DO	ANALYST	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
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7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
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STATIONARY WATER PARAMETERS

Serial Date Time Inlet Flow Temp Cond pH

Water

1 deg C units

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Serial Date Time Inlet Flow Temp Cond pH

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STATIONARY WATER PARAMETERS

Serial Date Time Inlet Flow Temp Cond pH

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STATIONARY WATER PARAMETERS

Serial Date Time Inlet Flow Temp Cond pH

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April 6, 1987

ELEMENT TESTED				FEED WATER PARAMETERS				HEAT EXCHANGER PARAMETERS				HEADOUT WATER PARAMETERS				TUBING DATA			
Serial	Date	Time	Temp	Cond	TDS	CI-	ph	Inlet	Flow	Temp	Cond	TDS	CI-	ph	Flow	Flow	Flow	Flow	Flow
Number			deg C	uachls	ppm	ppm		psi	gpm	deg C	uachls	ppm	ppm		gpm	gpm/day	ft/day	ft/day	ft/day
307006	20/feb	13:20	25.3	51264	34757	21078	7.2	802	19.41	25.3	56517	36315	23273	7.2	17.61	25.4	831	415	232
307006	20/feb	13:43	25.3	51215	34724	21077	7.2	802	19.41	25.3	56457	36278	23235	7.2	17.61	25.4	865	403	244
307006	20/feb	14: 3	25.3	51158	34695	21054	7.2	802	19.41	25.3	56363	36214	23196	7.2	17.61	25.4	879	415	252
307006	20/feb	14:23	25.2	51359	34601	21174	7.2	801	19.41	25.2	56342	36156	23270	7.2	17.61	25.3	873	417	253
307006	20/feb	14:53	25.2	51268	34760	21099	7.2	802	19.41	25.2	56403	36295	23245	7.2	17.61	25.3	816	408	249
307006	20/feb	15: 8	25.1	51057	34617	21012	7.2	801	19.41	25.1	56335	36212	23143	7.2	17.61	25.2	871	410	249
307006	20/feb	15:23	25.2	51473	34899	21184	7.2	802	19.41	25.2	56459	36442	23334	7.2	17.61	25.3	836	415	257
307006	20/feb	15:38	25.1	51215	34724	21077	7.2	803	19.41	25.1	56435	36435	23217	7.2	17.61	25.2	872	411	256
307006	20/feb	16: 3	25.2	51055	34622	21016	7.2	801	19.41	25.2	56251	36136	23150	7.2	17.61	25.3	833	412	256
307006	20/feb	16:18	25.2	51223	34729	21061	7.2	801	19.41	25.2	56478	36258	23223	7.2	17.61	25.3	870	410	249
307006	20/feb	16:23	25.2	51495	34914	21193	7.2	801	19.41	25.2	56731	36464	23348	7.2	17.61	25.3	815	410	249
307006	20/feb	16:38	25.1	51501	34918	21195	7.2	802	19.41	25.1	55709	37771	22927	7.2	17.91	25.2	880	440	267
307006	20/feb	16:53	25.2	51660	35026	21261	7.3	801	19.41	25.2	55878	37885	22976	7.3	17.91	25.3	856	418	254
307006	20/feb	17: 8	25.2	51517	34929	21202	7.2	802	19.41	25.2	55733	37782	22937	7.2	17.91	25.3	806	403	245
307006	20/feb	17:23	25.2	51607	34990	21239	7.2	802	19.41	25.2	55821	37847	22973	7.2	17.91	25.3	792	356	240
307006	20/feb	17:38	25.2	51658	35045	21272	7.2	801	19.41	25.2	55904	37903	23007	7.2	17.91	25.3	777	368	236
307006	20/feb	17:53	25.2	51793	35116	21315	7.2	801	19.41	25.2	56018	37960	23054	7.2	17.91	25.3	773	386	235
307006	20/feb	18: 8	25.2	51687	35045	21272	7.2	801	19.41	25.2	55903	37902	23007	7.2	17.91	25.3	775	368	235
307006	20/feb	18:23	25.3	51764	35056	21303	7.2	801	19.41	25.3	55985	37958	23040	7.2	17.91	25.4	774	387	235
307006	20/feb	18:38	25.2	51650	35046	21273	7.2	803	19.41	25.2	55907	37905	23068	7.2	17.91	25.3	762	361	231
307006	20/feb	18:53	25.2	51732	35074	21290	7.2	803	19.41	25.2	55949	37933	23076	7.2	17.91	25.3	758	379	230
307006	20/feb	19: 8	25.2	51736	35077	21292	7.2	802	19.41	25.2	55946	37933	23075	7.2	17.91	25.3	758	379	230
307006	20/feb	19:23	25.3	51802	35122	21319	7.2	801	19.41	25.3	56020	37962	23065	7.2	17.91	25.4	763	382	232
307006	20/feb	19:38	25.2	51677	35037	21268	7.2	802	19.41	25.2	55877	37864	22948	7.2	17.91	25.3	752	376	228
307006	20/feb	19:53	25.2	51790	35114	21314	7.2	801	19.41	25.2	56003	37970	23048	7.2	17.91	25.3	757	378	230
307006	20/feb	20: 8	25.2	51717	35064	21284	7.2	802	19.41	25.2	55917	37912	23012	7.2	17.91	25.3	751	376	228
307006	20/feb	20:23	25.1	51709	35059	21281	7.2	802	19.41	25.1	55913	37909	23011	7.2	17.91	25.2	753	376	229
307006	20/feb	20:38	25.3	51777	35105	21309	7.2	801	19.41	25.3	55983	37956	23040	7.2	17.91	25.4	752	376	228
307006	20/feb	20:53	25.2	51786	35113	21314	7.2	802	19.41	25.2	55995	37965	23045	7.2	17.91	25.3	747	374	227
307006	20/feb	21: 8	25.1	51679	35038	21268	7.2	801	19.41	25.1	55872	37861	22954	7.2	17.91	25.2	748	374	227
307006	20/feb	21:23	25.2	51697	35051	21276	7.2	802	19.41	25.2	55896	37897	23004	7.2	17.91	25.3	756	378	229
307006	20/feb	21:38	25.2	51826	35138	21329	7.2	801	19.41	25.2	56029	37968	23059	7.2	17.91	25.3	753	376	228
307006	20/feb	21:53	25.2	51700	35053	21277	7.2	801	19.41	25.2	55891	37854	23002	7.2	17.91	25.3	770	385	234
307006	20/feb	22: 8	25.2	51632	35142	21331	7.2	802	19.41	25.2	56038	37994	23067	7.2	17.91	25.3	770	385	234
307006	20/feb	22:23	25.2	51723	35068	21286	7.2	801	19.41	25.2	55917	37912	23013	7.2	17.91	25.3	772	385	234
307006	20/feb	22:38	25.1	51750	35073	21289	7.2	802	19.41	25.1	55918	37912	23017	7.2	17.91	25.2	766	383	233
307006	20/feb	22:53	25.1	51676	35036	21267	7.2	802	19.41	25.1	55856	37871	22988	7.2	17.91	25.2	770	385	234
307006	20/feb	23: 8	25.2	51812	35129	21323	7.2	801	19.41	25.2	56011	37976	23051	7.2	17.91	25.3	772	386	234
307006	20/feb	23:23	25.2	51754	35069	21299	7.2	802	19.41	25.2	55948	37933	23025	7.2	17.91	25.3	772	386	234
307006	20/feb	23:38	25.2	51785	35110	21312	7.2	801	19.41	25.2	55970	37947	23034	7.2	17.91	25.3	772	386	234
307006	20/feb	23:53	25.2	51949	35221	21379	7.2	801	19.41	25.2	56152	38071	23109	7.2	17.91	25.3	773	386	234
307006	20/feb	0: 8	25.2	51919	35201	21367	7.2	802	19.41	25.2	56118	38048	23095	7.2	17.91	25.3	770	385	234
307006	20/feb	0:23	25.2	51831	35141	21331	7.2	802	19.41	25.2	56025	37985	23057	7.2	17.91	25.3	776	388	235

ELEMENT/TESTED										FEED WATER PARAMETERS										HEAT EXCHANGER PARAMETERS										CONDENSER WATER PARAMETERS										CONDENSER STEAM PARAMETERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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