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INTERIM GROUNDWATER DATA SUMMARY REPORT FOR THE 1100-EM-1 OPERABLE UNIT FOR 1990

Prepared for:

Westinghouse Hanford Company

by:

Golder Associates Inc.

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1.0 INTRODUCTION

The purpose of this report is to summarize the four 1100-EM-1 operable unit groundwater monitoring events that occurred in calendar year 1990. The dates of the four events are as follows:

Round 1 - January 29, 1990 through March 2, 1990
Round 2 - May 14, 1990 through May 24, 1990
Round 3 - August 27, 1990 through September 5, 1990
Round 4 - November 26, 1990 through December 5, 1990

This report provides complete tabulated groundwater chemical analytical results from the four rounds of monitoring in Appendix A. The database documentation for the tabulated groundwater results is provided in Section 2.0. Data quality is discussed in Section 3.0. Complete monthly groundwater elevation measurements for calendar year 1990 for the 1100-EM-1 and 300-FF-5 operable units are provided including groundwater potential contouring maps for each month (Section 4.0). The City of Richland water use and recharge rates for the North Richland Well Field are also provided (Section 5.0). Section 6.0 is an overall summary of the groundwater contamination at the 1100-EM-1 operable unit.

2.0 DATABASE DOCUMENTATION

A summary of available laboratory data from the first four groundwater sampling rounds at the 1100-EM-1 Operable Unit was transferred into an electronic database. The database was set up using a commercially available personal computer software program, Paradox[a]. A database was created by the use of two methods:

- Loading computer readable laboratory data into the database
- Manually entering data into the database.

The following sections provide documentation concerning data entry and quality of the ground-water summary database.

2.1 LOADING DATA INTO THE DATABASE

- 2.1.1 Database structure
- 2.2.1 Round 1-3 inorganic data
- 2.3.1 Round 1-3 organic data
- 2.4.1 Round 1-2 drinking water parameters
- 2.5.1 Round 4 data

[a]Paradox version 3.5, copyright 1985, 1990 Borland International

2.1.1 Database Structure

The database structure was developed to be consistent with the Hanford Environmental Information System (HEIS) using three tables which are named as follows: Sample; Results; and Compound. The electronic data transmittal format is shown in Table 1. The column definitions and field types of each database table are defined below.

Table 1. Electronic Data Transmittal Format

FIELD NAME	FIELD LENGTH	DATABASE TABLE	DESCRIPTION
samp_num (*)	14	Results Sample	The unique number assigned by HEIS to identify the sample.
samp_date	8	Sample	The sample collection date in the format: MM/DD/YY
samp_time	5	Sample	The sample collection time in the format: HH:MM using a 24h clock.
location	17	Sample	The location where the sample was collected such as the well name, borehole location, or sample location.
media	3	Sample	The sample media code as specified by HEIS in the format: AT = atmospheric BI = biota GS = geologic soil GW = ground-water Q = sample blank SG = soil gas SS = surface soil SW = surface water

Table 1. Electronic Data Transmittal Format (Cont.)

FIELD NAME	FIELD LENGTH	DATABASE TABLE	DESCRIPTION
samp_qual	2	Sample	The sample type code as specified by HEIS in the format: BB = bottle blank BS = blind standard EB = equipment blank ES = equipment spike FB = field blank FS = field spike PB = transport blank TB = trip blank TS = trip spike XB = transfer blank
drsc_samp_type	1	Sample	The QC sample type as specified by HEIS in the format: D = duplicate R = replicate S = split C = composite
con_id (*)	10	Results Compound	The unique identifier of the chemical constituent parameter, the Chemical Abstracts Services (CAS) number, or an identifier assigned by HEIS.
con_long_name	40	Compound	The name of the chemical constituent parameter.
value_rptd	12	Results	The chemical analysis result in scientific format such as 1.26E-4
qualifier	7	Results	The result qualifier assigned by the laboratory and/or validation as specified in the CLP/SOW and the validation statement of work.
counting_error	12	Results	The 2-sigma counting error reported by the laboratory for radiochemical analyses.

Table 1. Electronic Data Transmittal Format (Cont.)

FIELD NAME	FIELD LENGTH	DATABASE TABLE	DESCRIPTION
retention_time	8	Results	The chromatographic retention time for the compound reported if the compound is a TIC.
units_std	5	Results Compound	The reporting units of the result reported in the field value_rptd.

(*) - Indicates the field is a key field used to generate the unique identifier for subsequent retrieval and display of the record information.

2.1.2 Round 1-3 Inorganic Data

The inorganic analysis data for rounds 1-3 were loaded into the database from the following computer readable files provided by the laboratory:

B0040.I1A	A2401W.I1A
B000F8.I1A	B0007D.I1A
B00070.I1A	B0048D.I1A
B00B31.I1A	B00028.I1A
B00B32.I1A	WELL14.I1A
B00CS3.I1A	B009X1.I1A
B00CS4.I1A	B00B09.I1A
B00CV7.I1A	B00B07.I1A
A2214S.I1A	B000G0.I1A

These files were structured using the CLP electronic format. The inorganic data consists of two types of records, header records and detail records. A header record is one that contains sample information and a detail record contains sample result information. A record was defined by the file to be a header record if record length was greater than 50 characters. Header records were loaded into the Sample table; detail records were loaded into the results table. A record was loaded into the database if the record had an 'I' in the first character position. Table 2 shows how the fields from the inorganic records were loaded into the database.

Table 2. Inorganic records loaded into the Sample and Results Tables.

Header Record Columns	Sample Table Field	Detail Record Columns	Result Table Field
9-15	Samp_num	9-10	Con_id
21-30	Lab_samp_id	11-22	value_rpt
47-51	Units-std	23-29	qualifier

2.1.3 Round 1-3 Organic Data

The organic analysis data for rounds 1-3 were loaded into the database from the following computer readable files provided by the laboratory:

B0048D.O1A
B000F8.O1A
B00070.O2A
B00070.O1A
B00070.O3A
B00B31.O1A
B00B31.O2A
B00B31.O3A
B00CS3.O1A
BOOCS3.O2A
B00CS3.O3A
B00CV7.O1A
B00CV7.O3A
B00CV7.O2A
A2214S.O1A
A2214S.O2A
A2214S.O3A
B0007T.O1A
B0007T.O2A
B0007T.O3A
B0048D.O3A
B0048D.O2A
B00040.O1A
B00028.O2A
B00028.O1A
B00028.O3A
WELL14.O1A
B00B16.O1A
B00B16.O3A
50446.O2A
B00B08.O1A
B00B08.O3A
B00B08.O2A
B000G0.O3A
B000G0.O1A

These files were structured in the CLP electronic format. The files for the organic data had two types of records, header records and detail records. A record was defined by the file to be a header record if record length was greater than 50 characters. Header records were loaded into the Sample table; detail records were loaded into the results table. A record was loaded into the database if there was a '1' in the first character position of the record. The tables below show how the fields from the organic data files were loaded into the database. Table 3 shows how organic records were loaded from the CLP forms 1A, 1B, 1C, and 1D, and Table 4 shows how the organic records were loaded from CLP forms 1E and 1F.

Table 3. Organic records loaded from CLP Forms 1A, 1B, 1C, and 1D.

Header Record Columns	Sample Table Field	Detail Record Columns	Result Table Field
8-19	Samp_num	8-17	con_id
83-94	Lab_samp_id	18-30	value_rpt
149-153 (A)	Units_std	31-35	qualifier
164-168 (B,C,D)	Units_std		

Table 4. Organic records loaded from CLP Forms 1E and 1F.

Header Record Columns	Sample Table Field	Detail Record Columns	Result Table Field
8-19	Samp_num	10-19	con_id
83-94	Lab_samp_id	48-53	retention_time
151-155	Units_std	54-66	value_rpt
		67-71	qualifier

2.1.4 Drinking Water Parameters

The drinking water parameters were loaded from a database previously created at Golder Associates. The database had been created in R:BASE[b], a commercially available program, for the preparation of the 1100-EM-1 Phase I Remedial Investigation Report. Data from this previously created database was loaded into the results table of the new database.

2.1.5 Round 4 Data

The round 4 data was imported from computer readable file which had been created in the commercially available program dBASE III[c]. Data from this file was loaded into both the Samples and the Results tables of the new database. The round 4 data consisted of one table, which resulted in duplication of entries for the sample number, lab sample ID, location and sample date. The duplicates were removed when the data was loaded into the new database. The relationship between the fields of the old database and the new database is shown in Table 5 and 6.

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[b]R:BASE a trademark of Microrim, Inc.

[c]dBASE III a trademark of Ashton-Tate.

Table 5. The old database and its relationship to the new database sample table.

Old Database Table	New Database Sample Table
FID	samp_num
LID	lab_samp_id
LOC	location
DS	samp_date

Table 6. The old database and its relationship to the new database results table.

Old Database Table	New Database Results Table
FID	samp_num
con_id	con_id
result	value_rpt
Q	qualifier
Unit	units_std
RT	retention_time

2.2 MANUALLY ENTERED DATA

The following sections outline the process used to manually input data into the database and confirm the transferred data as outlined in Section 2.0.

2.2.1 Data Qualifiers Modified By OSM Data Validation For All CLP Parameters

The machine transferred data was compared to the hard copy data packages provided by Westinghouse Hanford Company. This comparison composed of checking each machine entry against the hard copy and making corrections where the database differed from the hard copy. The hard copy was considered the correct version of the reported data. The hard copy had been validated by Westinghouse Hanford Office of Sample Management (OSM). Exhibit A is a copy of a validated inorganic analysis data sheet. The OSM noted changes to data qualifiers and concentrations, dated and initialed each modification. The database was modified to reflect the validated hard copy.

2.2.2 Tentatively Identified Compounds as Modified By OSM Data Validation

Tentatively identified compounds (TIC) did not transfer to the database requiring manual input. The sample number, CAS identification, retention time, concentration, and qualifier were input manually for each TIC. Each manual change was checked against the hard copy of the data.

2.2.3 Third Round Conventional Parameter Data as Modified By OSM Data Validation

Third round conventional parameters required manual input into the data base. The parameters included as conventional parameters are as follows:

Conventional Parameters	Parameter Abbreviation	Unit
alkalinity as $CaCO_3$	ALK	MG/L
ammonia as N	NH3-N	MG/L
ammonium	NH4	MG/L
bromide	BR	MG/L
chloride	CL	MG/L
chemical oxygen demand	COD	MG/L
coliform	COLI	MPN/100ML
dissolved oxygen	DO	MG/L
specific conductance	SC	US/CM
specific conductance (field)	SCF	US/CM
fluoride	F	MG/L
nitrate	NO3	MG/L
nitrate as N	NO3-N	MG/L
nitrite	NO2	MG/L
nitrite as N	NO2-N	MG/L
nitrite + nitrate as N	NO2+NO3-N	MG/L
pH	PH	SU
pH (field)	PHF	SU
temperature (field)	TEMP	C
phosphate	PO4	MG/L
sulfate	SO4	MG/L
dissolved oxygen	DO	MG/L
total dissolved solids	TDS	MG/L
total organic carbon	TOC	MG/L
total organic halides	TOX	MG/L
turbidity	TURB	NTU

The sample number, parameter abbreviation, concentration, and qualifier were input for each parameter analyzed. Four separate laboratories reported conventional parameters, thus causing variations in reported parameters and units. All results were modified to reflect the above list.

The following conventional parameters will be shown in the report:

Parameter Reported	Unit Reported
alkalinity as $CaCO_3$	MG/L
ammonia as N	MG/L
bromide	MG/L
chloride	MG/L
chemical oxygen demand	MG/L

coliform	MPN/100ML
dissolved oxygen	MG/L
specific conductance (field)	US/CM
fluoride	MG/L
nitrate	MG/L
nitrite	MG/L
pH (field)	SU
temperature (field)	C
phosphate	MG/L
sulfate	MG/L
total dissolved solids	MG/L
total organic carbon	MG/L
total organic halides	MG/L
turbidity	NTU

2.2.4 Fourth Round Conventional Parameter Data as Modified by OSM Data Validation From the K-25 Laboratory

The fourth round samples analyzed for conventional parameters by the K-25 laboratory were input manually. The sample number, parameter abbreviation, concentration, and qualifier were input into the data base. All results were modified to reflect the above list.

2.2.5 Round One and Two Conventional Parameters Were Confirmed

Conventional parameters were transferred in machine readable format from a R:BASE[b] data base for round one and two. The values were verified against the hard copy results. Values were also modified to reflect the above list.

2.2.6 Nitrate and Nitrite Calculations From Nitrate as N and Nitrite as N

Values for nitrate (NO_3) and nitrite (NO_2) were calculated from laboratory reported values for NO_3 as nitrogen (N) and NO_2 as N when not reported as such from the laboratory. The calculated values were qualified with the letter 'C'. The formula weight ratio of NO_3/N is 62/14 or 4.43, based on atomic weight. The values were calculated using the atomic weights for nitrogen - atomic weight equal to 14, and oxygen - atomic weight equal to 16, as follows:

$$\frac{NO_3}{N} = \frac{14+3(16)}{14} = \frac{62}{14} = 4.43$$

NO3 = NO3 as N (4.43)

The formula weight ratio of NO_2/N is 46/14 or 3.29, based on atomic weight. The values were calculated using the atomic weights for nitrogen - atomic weight equal to 14, and oxygen - atomic weight equal to 16, as follows:

$$\frac{NO_2}{N} = \frac{14+2(16)}{14} = \frac{46}{14} = 3.29$$

NO2 = NO2 as N (3.29)

2.2.7 Radiation Data

Validated radiation data from all four rounds of groundwater monitoring were entered into the database manually. All entries were verified by a 100% check.

2.3 RECOMMENDATIONS

The following are recommendations for future laboratory analysis that will facilitate data entry into Hanford Environmental Information System or any other database:

- Require a standardized list of parameter notations and units to be reported by a laboratory.
- In order to prevent accidental reuse of a sample number, sample numbers that are assigned but are not used should be abandoned. These sample numbers should not be reassigned in a later phase of sampling.
- Use of alphanumeric sample identification numbers requires standardized notations to avoid confusion, i.e. the letter O and the number 0. Laboratories should be instructed to use the correct sample identifier.
- When determining the format for sample identification, allow for laboratory addendums to the sample number in order to maintain the proximity of the sample results in the database and the sample number (i.e., assigning a five digit number to samples while allowing for a seven digit number in the database would allow a lab to denote a dilution of a sample without changing the order of a sample number, i.e. B0004 and B0004DL rather than B00004 and B004DL).

3.0 DATA QUALITY

Results of the first four rounds of groundwater data were reviewed against data quality criteria as established in Section 4 of the work plan (DOE-RL, 1989). Data quality objectives stated in the work plan were achieved and the requirements set forth in the quality assurance project plan were met. The following section describes the parameters reviewed based on the work plan.

the analysis of samples by both the primary and alternate laboratories. Data completeness cannot be estimated from existing data results.

3.1 DATA SUMMARY RESULTS

Results for field quality control samples were reviewed and compiled into summary tables for field replicate and split samples.

Laboratory data was summarized in five categories: filtered inorganics, unfiltered inorganics, organics, radionuclides and general chemistry. RPD (relative percent difference) values were calculated by taking the absolute value of the difference between two measurements divided by the average of the two measurements, multiplied by 100. Summaries of all data exceeding the data evaluation criteria are presented in Appendix B. The supporting documentation used for determination of comparison values are presented in Appendix B. Data evaluation criteria used to identify significant data discrepancies are summarized below:

- RPDs must be less than or equal to 100% for sample results less than 5 times the CRQL.
- RPDs must be less than or equal to 20% for sample results greater than 5 times but <100 times the CRQL.
- RPDs must be less than or equal to 10% for sample results greater than 100 times the CRQL.

General chemistry parameters included turbidity, anions, dissolved solids, total organic halogens (TOX), and total organic carbon (TOC) and were measured using Level III analysis. General chemistry RPD values ranged from 0 to 197 percent. A total of seventeen parameters exceeded RPD criteria in six wells. A summary of RPD values greater 25 percent can be found in Table 1 of Appendix B.

Unfiltered inorganic results were measured using Level IV for samples collected and preserved in the field. A total of fifteen analytes exceeded RPD criteria in eight wells and are summarized in Table 2 of Appendix B. Unfiltered inorganic RPD values ranged from 0 to 176 percent.

Filtered inorganic analysis was performed using Level IV (CLP) specifications for samples collected in the field. A total of fifteen analytes exceeded RPD criteria in nine wells with values ranging from 0 to 187 percent. Table 3 of Appendix B presents the RPD values for duplicate and split samples that exceeded specified criteria.

Organic analysis included volatile organic, semivolatile organic, pesticides and herbicides. RPD results ranged from 0 to 157 percent. Six compounds in six wells were out of specification for RPD criteria and are presented in Table 4 of Appendix B. RPD criteria was not specified for tentatively identified compounds and therefore not included.

Radionuclide parameters included alpha, beta, cesium-137, tritium, radium and strontium detection. In addition to these parameters, data was also included for uranium-234, -235 and -238 for MW-10 (see Appendix B). Lower limits of detection (LLD) and minimum detectable activity (MDA) data were not reported by the laboratories, thus the replicate tables were constructed using unvalidated data. Field blank data were used to determine upper tolerance limits (UTLs) and data were qualified with a "U" if the results were below the UTL for the particular parameter. Radionuclide results did not exceed RPD evaluation criteria for alpha, beta, tritium, radium and strontium results. There were insufficient data available to evaluate RPD values for cesium-137, uranium-234, uranium-235 and uranium-238.

4.0 GROUNDWATER POTENTIAL CONTOURING

Coordinated monthly groundwater elevation profile maps for the 1100-EM-1 and 300-FF-5 operable units are provided in Figures 1 through 15 in Appendix C. The data used to prepare the elevation profile maps are listed in Tables 2 through 6 in Appendix C. Using monitoring wells from both the 300-Area and the 1100-Area, groundwater potential contour maps were prepared for each month during the period January 1990 to February 1991. The groundwater potential data were provided by Westinghouse Hanford on machine readable diskette. The data were generally complete with the exception of early 1990 when many of the 1100-EM-1 Operable Unit wells had not yet been installed. Each data record consisted of:

- Well identification label
- Date on which the potential measurement was taken
- Depth to water in the well

The depth to water was converted to a groundwater potential using top-of-casing survey data acquired from Westinghouse Hanford.

The contour plots were generated manually and digitized onto ACAD base maps. The contour lines were located by linear interpolation between monitoring wells. In areas where data were lacking, the potential surface was not contoured, or contours were extended into the area by visual estimation. Such visual estimation was required immediately east and south of the City of Richland Well Field. Elsewhere on the plots, contour lines were drawn with generally good data control.

The results are shown on Figures 1 through 15 in Appendix C. Figure 1 is a location map showing all locations and monitoring well identifications where ground-water potential data were obtained for the contouring. Figures 2 through 15 in Appendix C present the ground-water potentiometric surface for each month beginning in January 1990 and continuing through to February 1991.

The results of the potentiometric surface contouring are congruent with those presented earlier in the Phase RI report for the 1100-EM-1 Operable Unit (DOE-RL 1990). The ground-water flow conditions may be summarized as follows:

- Between January and July, 1990, the ground-water flow direction is generally easterly throughout the 1100-EM-1 Operable Unit;

- Beginning in July, 1990, a ground-water mound was developed in the City of Richland Well Field, likely as a result of recharge through the infiltration ponds. The ground-water mound persisted until November, 1990, at which time, a more uniform easterly flow resumed;

- Easterly ground-water flow continued throughout the Operable Unit from November, 1990 to February, 1991;

- Ground-water discharge occurred to the Columbia River along the entire reach from south of the 300 Area to the southern extent of the potentiometric surface maps in each month from January, 1990 to February, 1991;

- Ground-water flow in the 300 Area appears to represent a transition from where the aquifer is recharged by the Columbia River to where it discharges to the Columbia River. This condition is shown most clearly on Figure 12;

- Intermittently, the data reveal a water-table depression immediately to the south of the 300 Area, eg. see Figures 6 and 9. The occurrence of a depression suggests pumping from the aquifer or an error in the data. As we do not know of any production wells in this area, we do not have a satisfactory explanation for the depression at this time.

5. NORTH RICHLAND WELL FIELD RECHARGE AND USAGE FOR CALENDAR YEAR 1990

The North Richland well field is located approximately 0.8 km (0.5 mi) east of the 1100-EM-1 operable unit. The well field is used to supplement the City of Richland treatment plant. Water is pumped from the Columbia River and allowed to percolate through the soil column to reduce the turbidity of the Columbia River water (CWC-HDR Inc. 1988). The City of Richland recharges at a greater rate than usage. This practice ensures the withdrawal of the treated river water, which has a significantly lower hardness than the local ground water. The water quality of the local ground water is unacceptable to the City of Richland's industrial and residential customers due to the excessive hardness (personal communication with Stan Arlt, Director of Water and Waste Utilities Department at the City of Richland, November 28, 1990).

Table 7 presents the North Richland well field week, month, and annual totals in million gallons for the calendar year 1990. This data was received from Stan Arlt, Director of Water and Waste Utilities Department at the City of Richland, on May 10, 1991. The recharge to usage rates were calculated by dividing recharge by usage and rounding the result to the nearest tenth (i.e., for the week of January 7, 67.80/47.40 = 1.4).

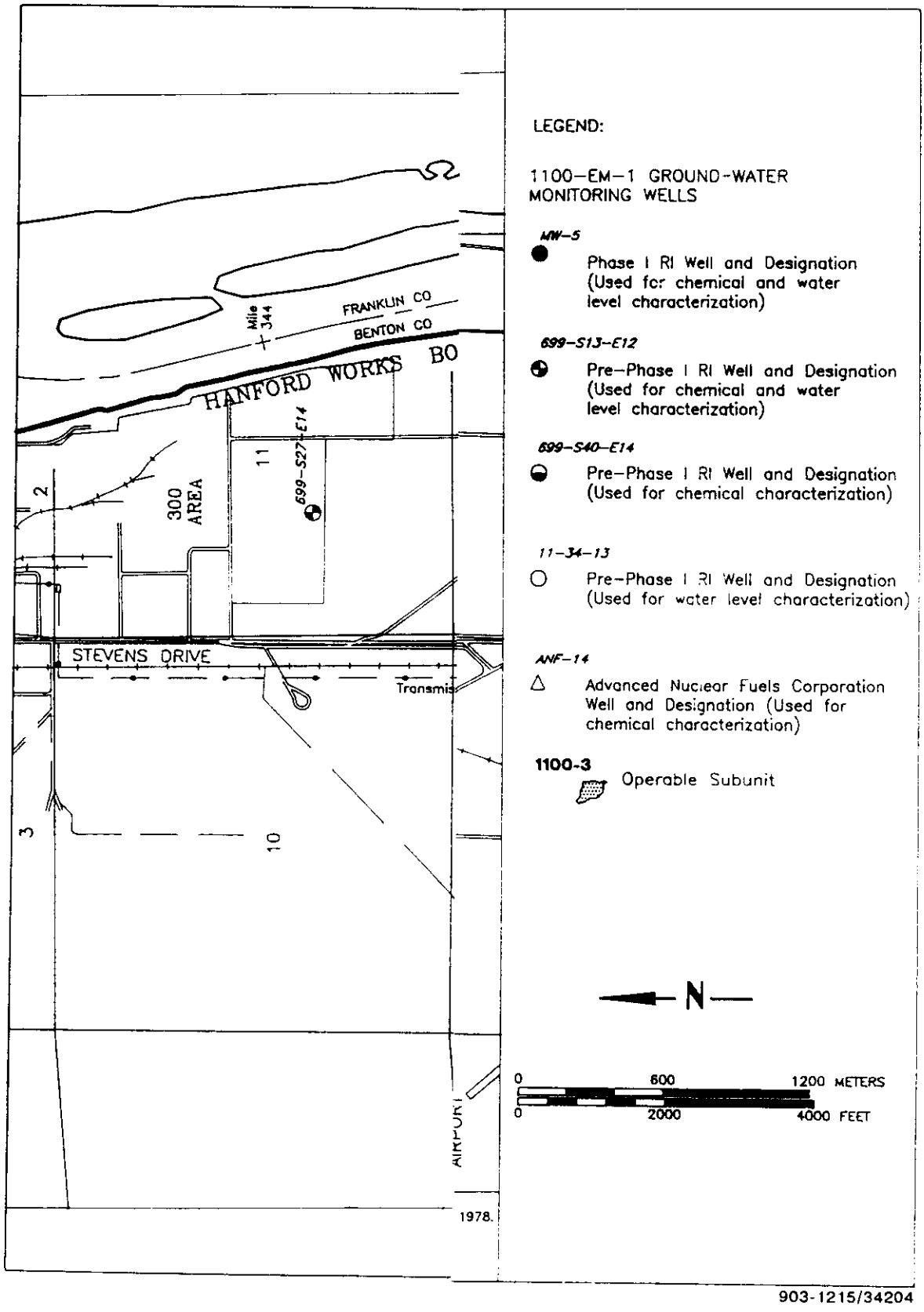

Figure 1. Monitoring Well Locations.

Table 7. North Richland Well Field Recharge and Usage for 1990.

WEEK	RECHARGE (million gallons)	USAGE (million gallons)	RECHARGE TO USAGE RATE
January 7	67.80	47.40	1.4
January 14	59.60	37.20	1.6
January 21	8.62	0.94	9.2
January 28	17.60	3.56	4.9
Month Totals	153.62	89.10	1.7
February 5	21.30	1.51	14.1
February 12	12.20	0.42	29.0
February 19	14.90	2.54	5.9
February 26	17.10	1.00	17.1
Month Totals	65.50	5.47	12.0
March 5	17.30	0.63	27.5
March 12	17.10	3.14	5.4
March 19	0.00	1.46	0.0
March 26	1.35	3.10	0.4
Month Totals	35.75	8.33	4.3
April 3	27.20	1.09	25.0
April 10	39.00	7.69	5.1
April 17	23.90	8.04	3.0
April 24	41.40	4.66	8.9
Month Totals	131.50	21.48	6.1
May 1	38.90	16.20	2.4
May 8	36.40	20.80	1.8
May 15	37.80	35.30	1.1
May 22	38.90	11.10	3.5
May 29	39.50	13.40	2.9
Month Totals	191.50	96.80	2.0

Table 7. North Richland Well Field Recharge and Usage for 1990.

WEEK	RECHARGE (million gallons)	USAGE (million gallons)	RECHARGE TO USAGE RATE
June 5	35.60	26.90	1.3
June 12	39.10	29.80	1.3
June 19	76.60	45.10	1.7
June 26	93.90	46.40	2.0
Month Totals	245.20	148.20	1.7
July 3	91.20	49.90	1.8
July 10	88.60	67.50	1.3
July 17	86.70	64.20	1.4
July 24	86.10	42.90	2.0
July 31	84.50	60.70	1.4
Month Totals	437.10	285.20	1.5
August 7	84.50	53.60	1.6
August 14	86.10	40.20	2.1
August 21	43.70	4.58	9.5
August 28	10.50	7.51	1.4
Month Totals	224.80	105.89	2.1
September 4	36.30	15.90	2.3
September 11	40.60	16.30	2.5
September 18	37.50	16.10	2.3
September 25	30.30	20.90	1.4
Month Totals	144.70	69.20	2.1
October 2	37.40	8.56	4.4
October 9	37.70	3.16	11.9
October 16	48.50	20.10	2.4
October 23	95.10	70.10	1.4
October 30	98.20	64.20	1.5
Month Totals	316.90	166.12	1.9

Table 7. North Richland Well Field Recharge and Usage for 1990.

WEEK	RECHARGE (million gallons)	USAGE (million gallons)	RECHARGE TO USAGE RATE
November 6	92.20	52.40	1.8
November 13	91.10	59.10	1.5
November 20	91.30	48.80	1.9
November 27	94.10	52.90	1.8
Month Totals	368.70	213.20	1.7
December 4	65.90	50.80	1.3
December 11	71.60	52.80	1.4
December 18	55.30	47.70	1.2
December 25	47.50	46.80	1.0
Month Totals	240.30	198.10	1.2
YEAR TOTALS:	2555.57	1407.09	1.8

Usage exceeded recharge during the weeks of March 19 and 26, 1990. These two weeks were preceded by a period of high recharge. For the first two weeks of March, 34.4 million gal of water were recharged as compared to a usage of 3.77 million gal, a recharge to usage rate of 9.1. Due to the overall high recharge as compared to usage, for the period immediately before and including the weeks of March 19 and 26, it is anticipated that the pumped water would have been recharge water. All remaining weeks in 1990 were operated at a greater than 1 recharge to usage rate. The overall recharge to usage rate for 1990 was 1.8.

6.0 GROUNDWATER CONTAMINATION

The local unconfined and uppermost confined aquifers were sampled and analyzed, in four rounds, during the first phase of the 1100-EM-1 Operable Unit remedial investigation. Monitoring well locations are shown in Figure 1. The results of the four rounds of groundwater monitoring are presented in Appendix A. Duplicate and split samples are presented in Appendix B. Groundwater quality is discussed in Section 6.1 and tentatively identified compounds are discussed in Section 6.2. Groundwater contamination impacts on the Richland Well Field is discussed in Section 6.3.

6.1 GROUNDWATER QUALITY

The data in Appendices A and B are validated by sample delivery group against laboratory blanks only. Prior to conducting the analysis on the background wells, the data were also validated by case. A case is defined as one sampling round. Table 8 provides the results for laboratory, trip, and equipments blanks by round. The highest blank result is multiplied five times for most parameters and ten times for common laboratory contaminants (Bleyler 1988a and 1988b).

Groundwater samples which provide operable-unit-specific background data for the unconfined aquifer were obtained from three of the 1100-EM-1 Operable Unit monitoring wells; a single well was used to characterize operable-unit-specific background data for the uppermost confined aquifer. The particular wells selected for the operable-unit-specific background characterization are located either hydraulically upgradient or in a position that is not impacted by known potential 1100-EM-1 Operable Unit or adjacent contaminant sources (see the evaluations of available groundwater potential data in Appendix C). Using this criterion, wells 6-S34-E10, MW-2, 6-S38-E11, MW-7, and 6-S31-E8, MW-8 are designated as operable-unit-specific unconfined aquifer background wells, while 6-S32-E8, MW-9 is designated the operable-unit-specific background well for the uppermost confined aquifer (see Figure 1).

A plume of contaminated groundwater is known to have emanated from the Advanced Nuclear Fuels Corp. facility located to the southwest of, and hydraulically upgradient from, the Horn Rapids Landfill. Contaminant levels in the groundwater are known to exceed drinking-water standards for nitrate, fluoride, sulfate, and gross-alpha and gross-beta radiation; elevated concentrations of ammonia are also documented (Milton, J. and D. Bowhay, Department of Ecology [Memo to R. Taylor, Department of Ecology] October 31,

Table 8. Detected Values in Quality Control Blanks.

SAMPLE	CAS #	PARAMETER	Value µG/L	Q	RT	Lab	Round	Multiplier	Value to exceed µG/L
SBLKB3-B00040	UNK	UNKNOWN	28	J	28.41	P	1	5	142.05
SBLKB3-B00040	UNK	UNKNOWN	22	J	30.21	P	1	5	151.05
SBLKB3-B00040	UNK	UNKNOWN	10	J	32.21	P	1	5	161.05
B00028DL	78-93-3	2-BUTANONE	43	D		W	1	10	430
VBLKW1-B0048D	67-64-1	ACETONE	5			W	1	10	50
B00028	67-64-1	ACETONE	3			W	1		
SBLKW1-A2214S	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	5	J		W	1		
SBLKW1-B00028	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	4	J		W	1		
SBLKW2-B00028	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	3	J		W	1		
SBLKW2-B0048D	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	7	J		W	1	10	70
B00008	67-66-3	CHLOROFORM	1			W	1		
B00011	67-66-3	CHLOROFORM	1	J		W	1		
B00018	67-66-3	CHLOROFORM	1			W	1		
B00025	67-66-3	CHLOROFORM	2			W	1		
B00028DL	67-66-3	CHLOROFORM	4	J		W	1		
B00037	67-66-3	CHLOROFORM	5			W	1		
B00043	67-66-3	CHLOROFORM	2	J		W	1		
B0052T	67-66-3	CHLOROFORM	3			W	1		
B0058T	67-66-3	CHLOROFORM	1			W	1		
B0063T	67-66-3	CHLOROFORM	7			W	1	5	35
B0066T	67-66-3	CHLOROFORM	2			W	1		
B0068T	67-66-3	CHLOROFORM	1			W	1		
VBLKW2-B0048D	76131	ETHANE,1,1,2-TRICHLORO-1,2,	2	J	2.67	W	1	5	10
SBLKB3-B00040	57103	HEXADECANOIC ACID (9CI)	8	J	25.11	P	1	5	251.1
B00018	75694	METHANE,TRICHLOROFLUORO-	3	J	2.1	W	1		
B00028	75694	METHANE,TRICHLOROFLUORO-	3	J	2.08	W	1		
B00037	75694	METHANE,TRICHLOROFLUORO-	4	J	2.08	W	1		

Table 8. Detected Values in Quality Control Blanks.

SAMPLE	CAS #	PARAMETER	Value µG/L	Q	RT	Lab	Round	Multiplier	Value to exceed µG/L
B00043	75694	METHANE,TRICHLOROFLUORO-	2	J	2.25	W	1		
B0052T	75694	METHANE,TRICHLOROFLUORO-	2	J	2.05	W	1		
B0058T	75694	METHANE,TRICHLOROFLUORO-	2	J	2.07	W	1		
B0063T	75694	METHANE,TRICHLOROFLUORO-	8	J	2.02	W	1	5	40
B00005	75-09-2	METHYLENE CHLORIDE	2	J		W	1		
B00008	75-09-2	METHYLENE CHLORIDE	1			W	1		
B00011	75-09-2	METHYLENE CHLORIDE	1	J		W	1		
B00018	75-09-2	METHYLENE CHLORIDE	2			W	1		
B00025	75-09-2	METHYLENE CHLORIDE	1			W	1		
B00028	75-09-2	METHYLENE CHLORIDE	2			W	1		
B00037	75-09-2	METHYLENE CHLORIDE	5			W	1	10	50
B00043	75-09-2	METHYLENE CHLORIDE	2	J		W	1		
VBLKW1-B0048D	75-09-2	METHYLENE CHLORIDE	2			W	1		
B00018	79-01-6	TRICHLOROETHENE	1			W	1	5	5
B00082DL	78-93-3	2-BUTANONE	66	D		W	2	10	660
B00099	78-93-3	2-BUTANONE	14			W	2		
B000J1RE	78-93-3	2-BUTANONE	6	J		W	2		
B000L0	78-93-3	2-BUTANONE	31			W	2		
B000M5	78-93-3	2-BUTANONE	24			W	2		
B00B07DL	78-93-3	2-BUTANONE	25	J		W	2		
B00B24	78-93-3	2-BUTANONE	29			W	2		
B00082	67-64-1	ACETONE	14			W	2	10	140
B000J1	623427	BUTONIC ACID,METHYL ESTER	6	J	10.49	W	2	5	30
B00082	67-66-3	CHLOROFORM	1			W	2		
B00099	67-66-3	CHLOROFORM	2			W	2		
B000G8	67-66-3	CHLOROFORM	3	J		W	2		
B000G8RE	67-66-3	CHLOROFORM	3			W	2	5	15

Table 8. Detected Values in Quality Control Blanks.

SAMPLE	CAS #	PARAMETER	Value µG/L	Q	RT	Lab	Round	Multiplier	Value to exceed µG/L
B000J1	67-66-3	CHLOROFORM	2	J		W	2		
B000J1RE	67-66-3	CHLOROFORM	2			W	2		
B000L0	67-66-3	CHLOROFORM	2			W	2		
B000M5	67-66-3	CHLOROFORM	1			W	2		
B009X1	67-66-3	CHLOROFORM	3			W	2		
B00B07	67-66-3	CHLOROFORM	1			W	2		
B00B16	67-66-3	CHLOROFORM	2			W	2		
B00B20	67-66-3	CHLOROFORM	2			W	2		
B00B24	67-66-3	CHLOROFORM	1			W	2		
SBLKW2-B00B08	556-67-2	CYCLOTETRASILOXANE,OCTAMETH	12	JX	8.35	W	2	5	60
B00082DL	75-09-2	METHYLENE CHLORIDE	4	J		W	2		
B00099	75-09-2	METHYLENE CHLORIDE	3			W	2		
B000G8	75-09-2	METHYLENE CHLORIDE	2	J		W	2		
B000G8RE	75-09-2	METHYLENE CHLORIDE	3			W	2		
B000J1	75-09-2	METHYLENE CHLORIDE	5	J		W	2	10	50
B000J1RE	75-09-2	METHYLENE CHLORIDE	3			W	2		
B000L0	75-09-2	METHYLENE CHLORIDE	4			W	2		
B000M5	75-09-2	METHYLENE CHLORIDE	2			W	2		
B009X1	75-09-2	METHYLENE CHLORIDE	1			W	2		
B00B07	75-09-2	METHYLENE CHLORIDE	1			W	2		
B00B16	75-09-2	METHYLENE CHLORIDE	1	J		W	2		
B00B20	75-09-2	METHYLENE CHLORIDE	1	J		W	2		
B00B24	75-09-2	METHYLENE CHLORIDE	2			W	2		
B00099	79-01-6	TRICHLOROETHENE	1			W	2	5	5
B00CZ9	78-93-3	2-BUTANONE	10			W	3		
B00D00	78-93-3	2-BUTANONE	4	J		W	3		
B00D02	78-93-3	2-BUTANONE	17			W	3	10	170

Table 8. Detected Values in Quality Control Blanks.

SAMPLE	CAS #	PARAMETER	Value µG/L	Q	RT	Lab	Round	Multiplier	Value to exceed µG/L
B00D03	78-93-3	2-BUTANONE	9	J		W	3		
SBLKW1-B00B31	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	14			W	3		
SBLKW3-B00CV7	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	14			W	3	10	140
B00CY9	67-66-3	CHLOROFORM	2			H	3		
B00D05	67-66-3	CHLOROFORM	3			W	3	5	15
B00CZ7	75-09-2	METHYLENE CHLORIDE	5			W	3		
B00CZ8	75-09-2	METHYLENE CHLORIDE	4			W	3		
B00CZ9	75-09-2	METHYLENE CHLORIDE	4			W	3		
B00D00	75-09-2	METHYLENE CHLORIDE	6			W	3		
B00D01	75-09-2	METHYLENE CHLORIDE	7			W	3		
B00D02	75-09-2	METHYLENE CHLORIDE	11			W	3	10	110
B00D03	75-09-2	METHYLENE CHLORIDE	6			W	3		
B00D05	75-09-2	METHYLENE CHLORIDE	3			W	3		
SBLKW1-B00B31	UNK	UNKNOWN	18	JX	33.42	W	3	5	90
SBLKW1-B00B31	UNK	UNKNOWN	21	JX	33.47	W	3	5	105
SBLKW3-B00CV7	UNK	UNKNOWN	18	JX	33.42	W	3		
SBLKW3-B00CV7	UNK	UNKNOWN	21	JX	33.47	W	3		
VBLK01-B00D39	79-34-5	1,1,2,2-TETRACHLOROETHANE	2	JB		M	4	5	10
SBLKGH-B00DB3	544252	1,3,4-CYCLOHEPTATRIENE	15	J	4.33	M	4	5	75
VBLK01-B00D39	108-10-1	4-METHYL-2-PENTANONE	3	JB		M	4	5	15
SBLKDC-2795	141-78-6	ACETIC ACID,ETHYL ESTER	32	J	5.68	P	4	5	160
SBLKDD-2795	141-78-6	ACETIC ACID,ETHYL ESTER	24	J	5.72	P	4		
SBLKDG-2795	141-78-6	ACETIC ACID,ETHYL ESTER	30	J	5.73	P	4		
B00DF5	67-64-1	ACETONE	7	J		P	4		
B00DH3	67-64-1	ACETONE	8	J		P	4		
B00DH9	67-64-1	ACETONE	23			P	4	10	230
B00DJ3	67-64-1	ACETONE	18			P	4		

Table 8. Detected Values in Quality Control Blanks.

SAMPLE	CAS #	PARAMETER	Value µG/L	Q	RT	Lab	Round	Multiplier	Value to exceed µG/L
TRIP BLANK	67-64-1	ACETONE	5	J		P	4		
VBLK01-B00D39	67-64-1	ACETONE	13	B		M	4		
VBLK01-B00D86	67-64-1	ACETONE	10	B		M	4		
SBLKMB-B00DC1	353822	ACETONITRILE,DICHLORODIFLUORO-	9	J	4.41	M	4	5	45
SBLKMB-B00DB3	588670	BENZENE,(BUTOXYMETHYL)-	15	J	4.33	M	4	5	75
SBLKDB-2795	75333221	BENZOIC ACID,ETHYOXY-,ETHY	8	J	17.97	P	4	5	40
B00DG4	67-66-3	CHLOROFORM	3	J		P	4	5	15
SBLKMB-B00D39	123-42-2	DIACETONE ALCOHOL	51	JA	5.88	M	4	5	255
SBLKDC-2795	123-42-2	DIACETONE ALCOHOL	16	J	6.73	P	4		
BBLKJH-B00DB3	84-66-2	DIETHYLPHTHALATE	10			M	4	10	100
B00DF5	75-09-2	METHYLENE CHLORIDE	1	J		P	4		
B00DG4	75-09-2	METHYLENE CHLORIDE	2	J		P	4		
B00DG9	75-09-2	METHYLENE CHLORIDE	1	J		P	4		
B00DH2	75-09-2	METHYLENE CHLORIDE	1	J		P	4		
B00DH9	75-09-2	METHYLENE CHLORIDE	2	J		P	4		
VBLK01-B00D39	75-09-2	METHYLENE CHLORIDE	10	B		M	4	10	100
VBLK01-B00D86	75-09-2	METHYLENE CHLORIDE	3	JB		M	4		
SBLKMB-B00D39	627087	PROPANE,1-(METHYLETHOXY)-	31	J	4.97	M	4	5	155
SBLKDC-2795	108-88-3	TOLUENE	440	J	5.28	P	4		
SBLKDD-2795	108-88-3	TOLUENE	1300	J	5.33	P	4		
SBLKDG-2795	108-88-3	TOLUENE	1900	J	5.37	P	4	5	9500
B00DG4	THM	TRIHALOMETHANE	3	J		P	4	5	15
B00DH3	UNK	UNKNOWN	9	J	20.89	P	4	5	45
BBLKJH-B00DB3	UNK	UNKNOWN	120	J	29.19	M	4	5	600
BBLKJH-B00DB3	UNK	UNKNOWN	22	J	32.23	M	4	5	110
BBLKJH-B00DB3	UNK	UNKNOWN	11	J	32.42	M	4	5	55
SBLKDB-2795	UNK	UNKNOWN	46	J	26.12	P	4	5	230

Table 8. Detected Values in Quality Control Blanks.

SAMPLE	CAS #	PARAMETER	Value µG/L	Q	RT	Lab	Round	Multiplier	Value to exceed µG/L
SBLKDB-2795	UNK	UNKNOWN	12	J	29.52	P	4	5	60
SBLKDB-2795	UNK	UNKNOWN	8	J	30.27	P	4	5	40
SBLKGH-B00DB3	UNK	UNKNOWN	12	J	21.51	M	4	5	60
SBLKMB-B00D39	UNK	UNKNOWN	200	J	4.88	M	4	5	1000
SBLKMB-B00D39	UNK	UNKNOWN	11	J	8.79	M	4	5	55
SBLKMB-B00D39	UNK	UNKNOWN	9	J	9.76	M	4	5	45
SBLKMB-B00DB3	UNK	UNKNOWN	20	J	31.21	M	4	5	100
SBLKMB-B00DC1	UNK	UNKNOWN	150	J	4.37	M	4	5	750
SBLKMB-B00DC1	UNK	UNKNOWN	8	J	29.73	M	4	5	40
		INORGANICS							
B009X1 unfiltered	7439-96-5	MANGANESE	23.5			W	2	5	117.5
B00CZ0 filtered	7440-70-2	CALCIUM	48.6	B		W	3	5	243
B00CZ0 filtered	7440-47-3	CHROMIUM	6.3	B		W	3	5	31.5
B00CY9 unfiltered	7440-47-3	CHROMIUM	5.1	B		W	3		25.5
B00CY9 unfiltered	7439-89-6	IRON	34.6	B		W	3	5	173
B00CZ0 filtered	7440-23-5	SODIUM	327	J		W	3	5	1635
B00CZ0 filtered	7440-62-2	VANADIUM	8.8	B		W	3	5	44
B00DK4 filtered	7440-39-3	BARIUM	34.9	B		P	4	5	174.5
B00DK3 unfiltered	7440-39-3	BARIUM	38.8	B		P	4	5	194
B00DF6 filtered	7440-70-2	CALCIUM	61.5	B		P	4		
B00DG5 filtered	7440-70-2	CALCIUM	49.5	B		P	4		
B00DK3 unfiltered	7440-70-2	CALCIUM	3650	B		P	4	5	18250
B00DK4 filtered	7440-70-2	CALCIUM	3040	B		P	4	5	15200
B00DG4 unfiltered	7439-89-6	IRON	42.8	B		P	4	5	214
B00DK3 unfiltered	7439-96-5	MANGANESE	17.9			P	4	5	89.5

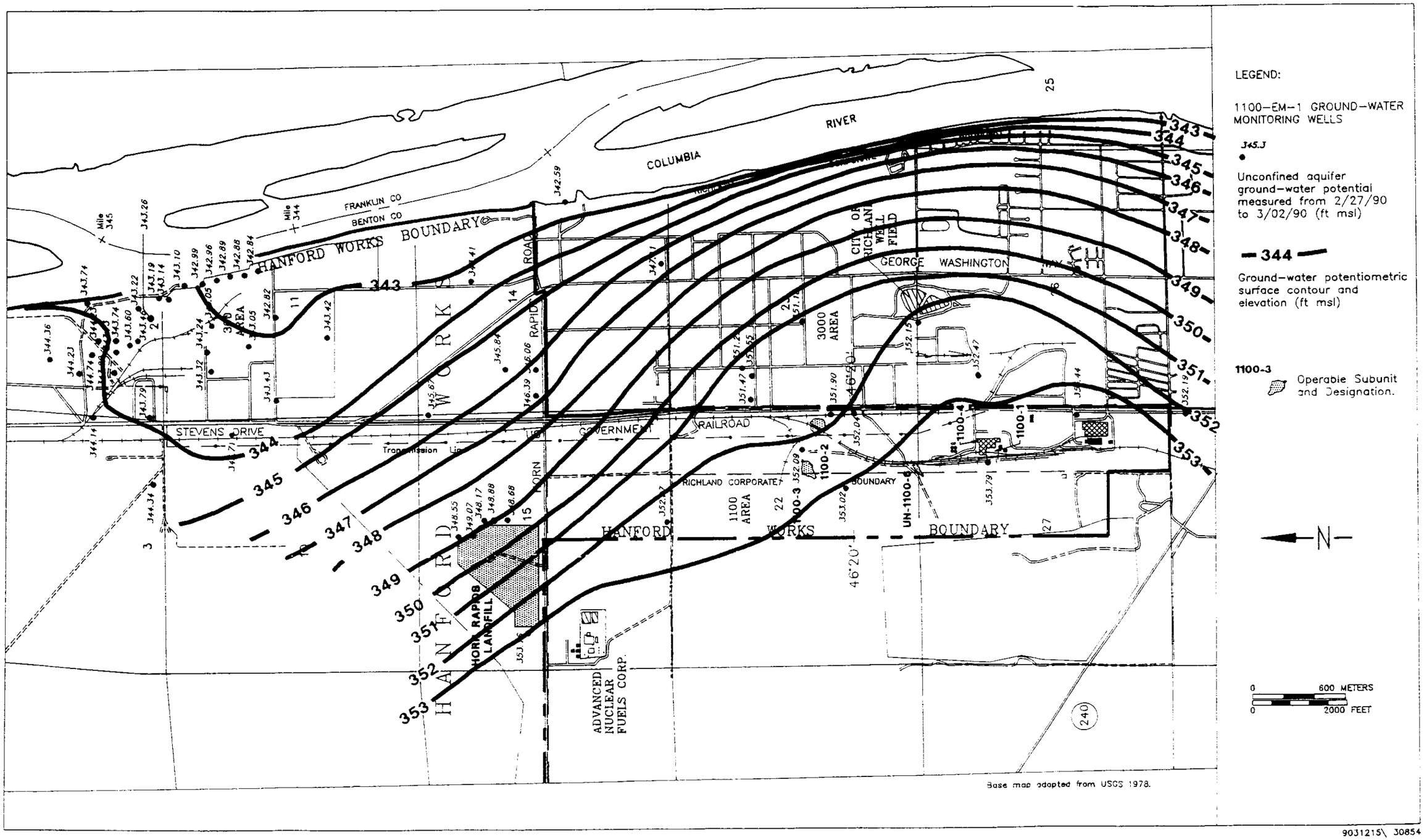

Figure 3. Ground-Water Potentiometric Surface for the Unconfined Aquifer, February 27 to March 2, 1990.

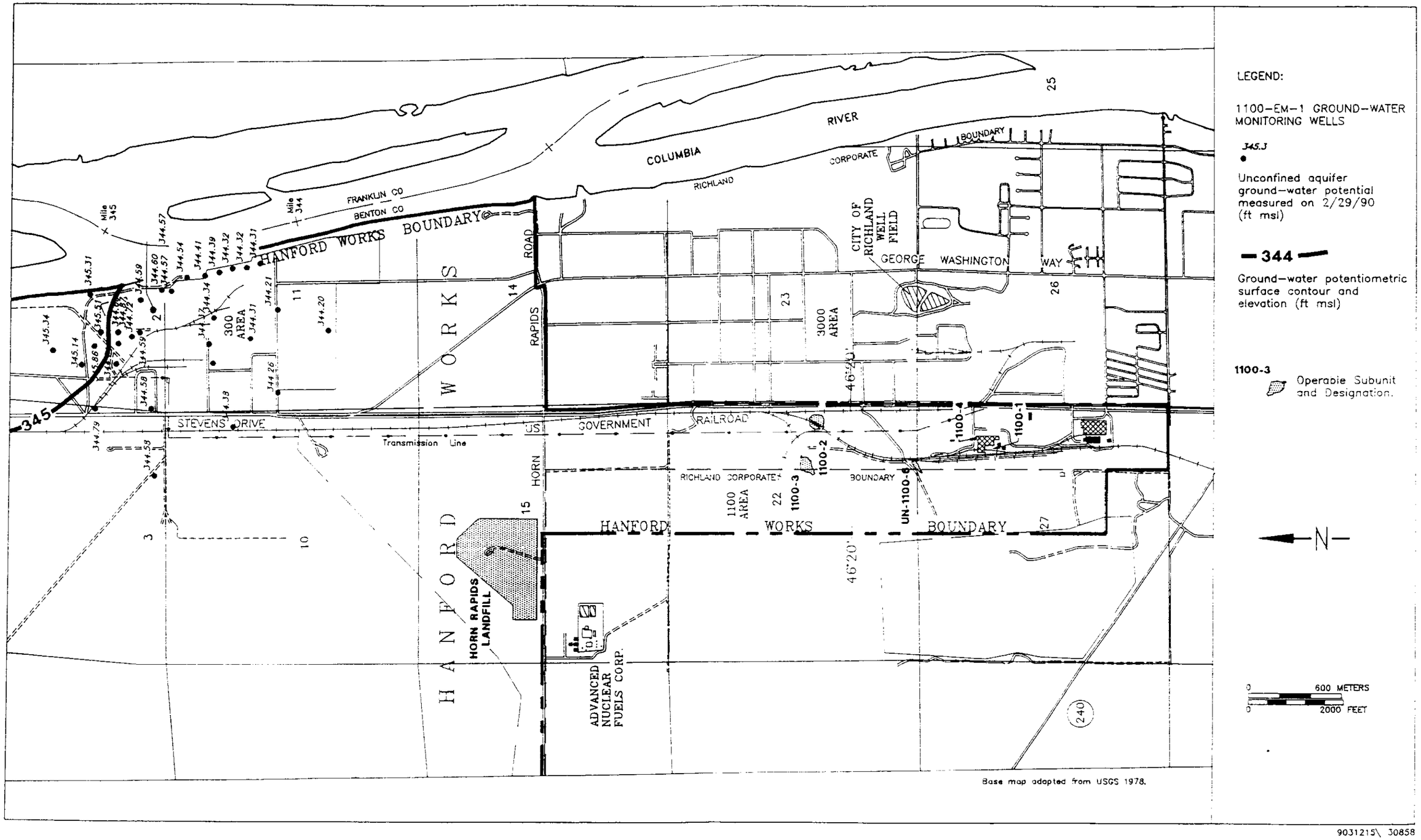

Figure 4. Ground-Water Potentiometric Surface for the Unconfined Aquifer, March 29, 1990.

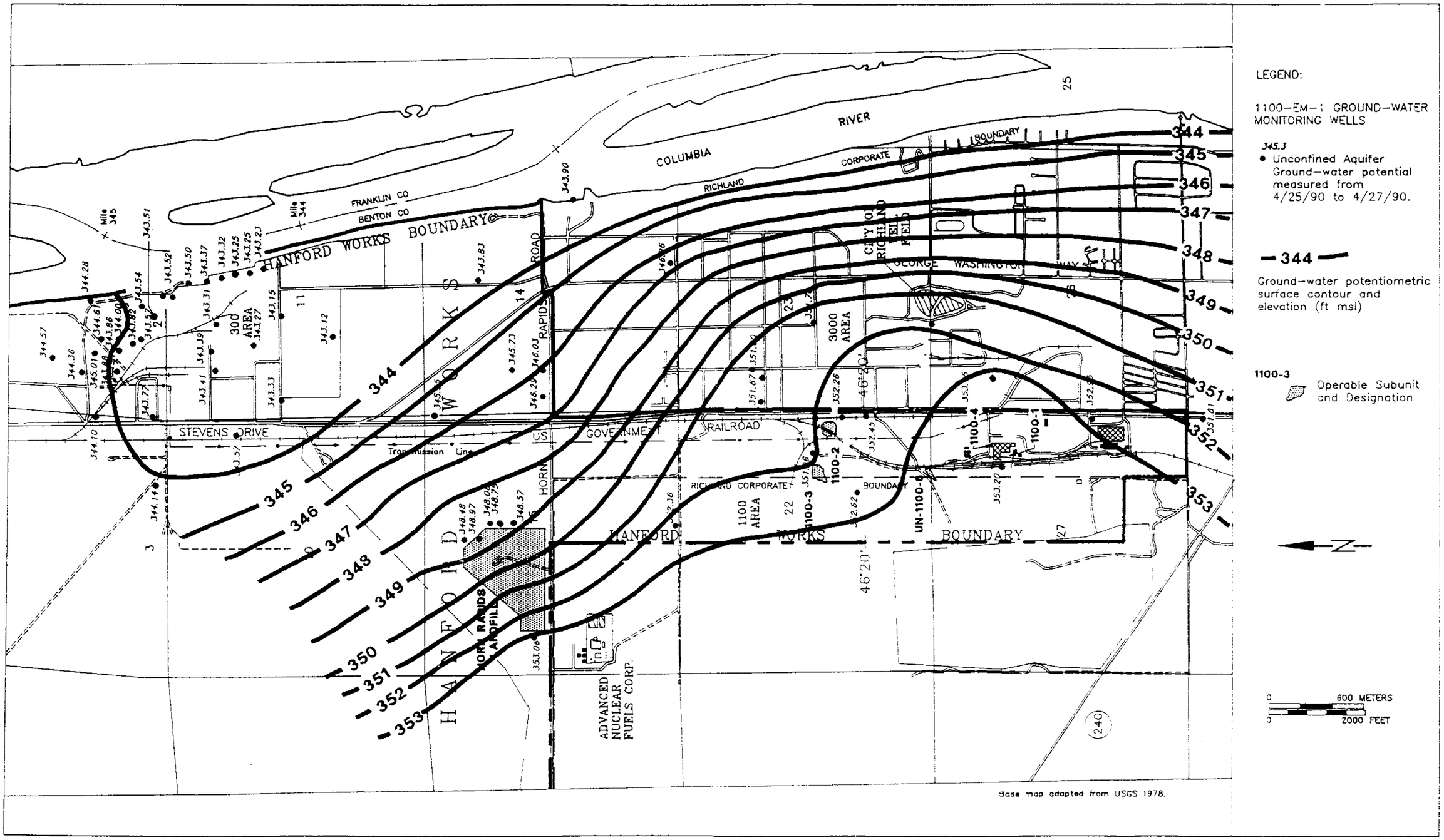

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Figure 5. Ground-Water Potentiometric Surface for the Unconfined Aquifer, April 25-27, 1990.

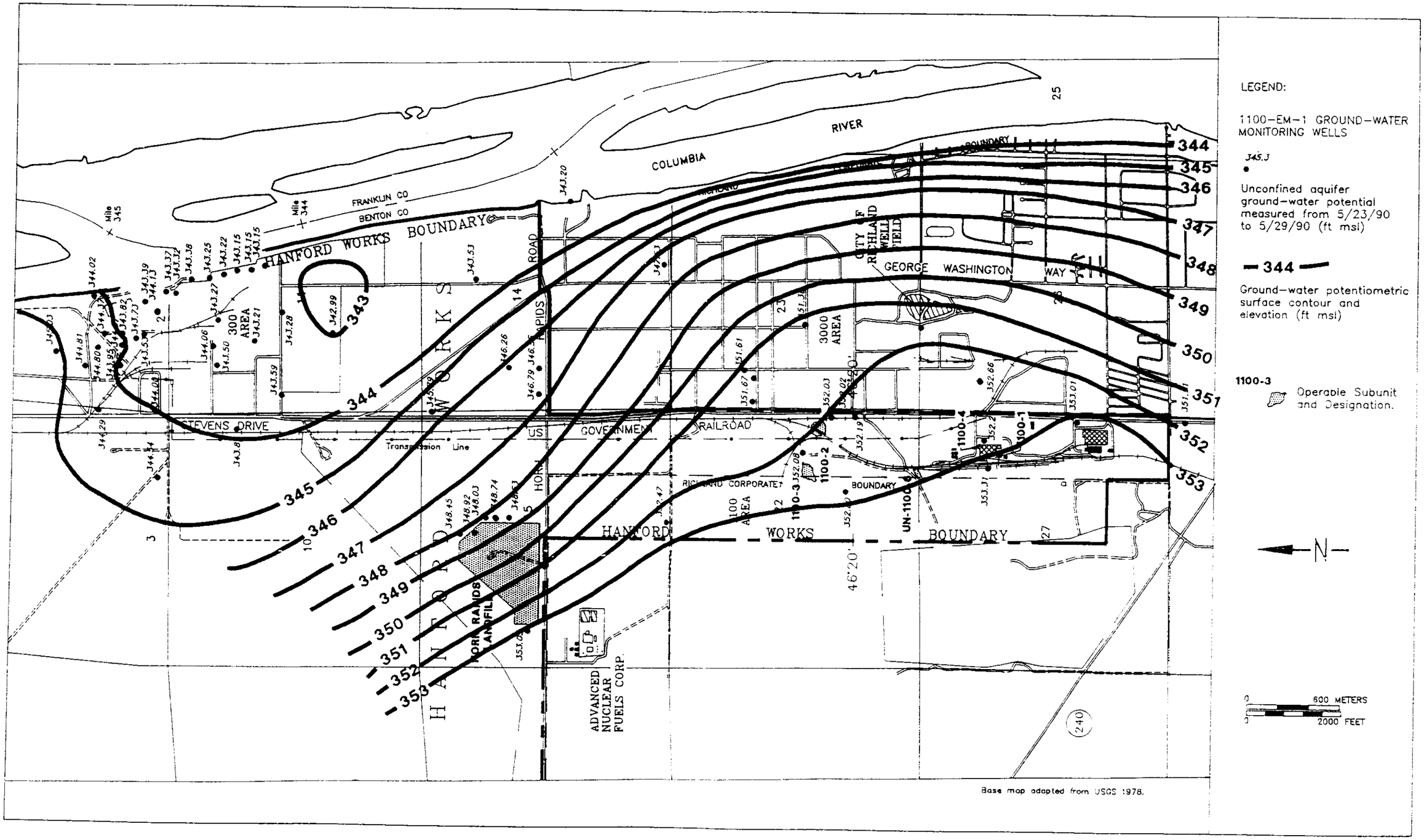

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Figure 6. Ground-Water Potentiometric Surface for the Unconfined Aquifer, May 23-29, 1990.

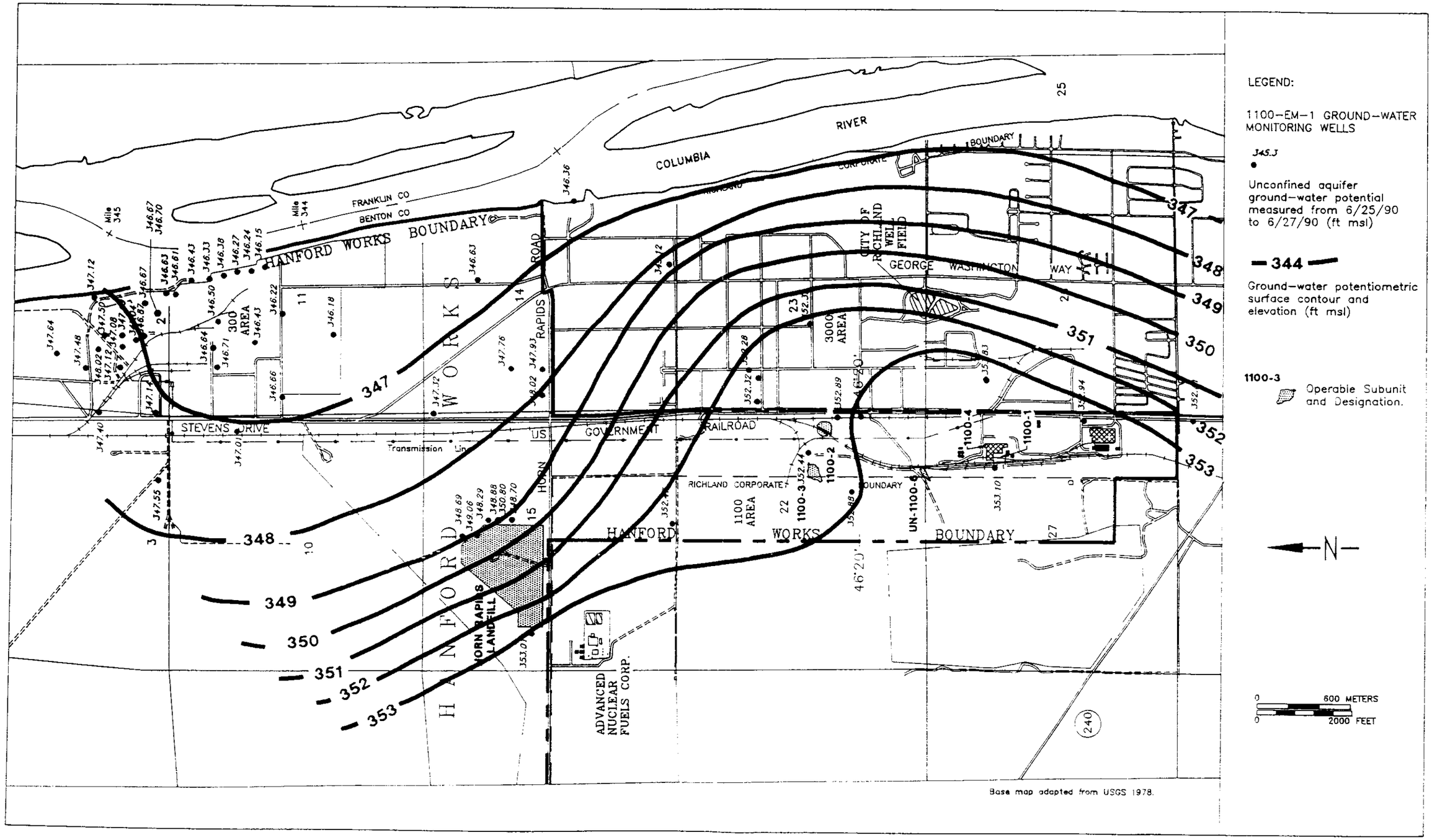

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Figure 7. Ground-Water Potentiometric Surface for the Unconfined Aquifer, June 25-27,1990.

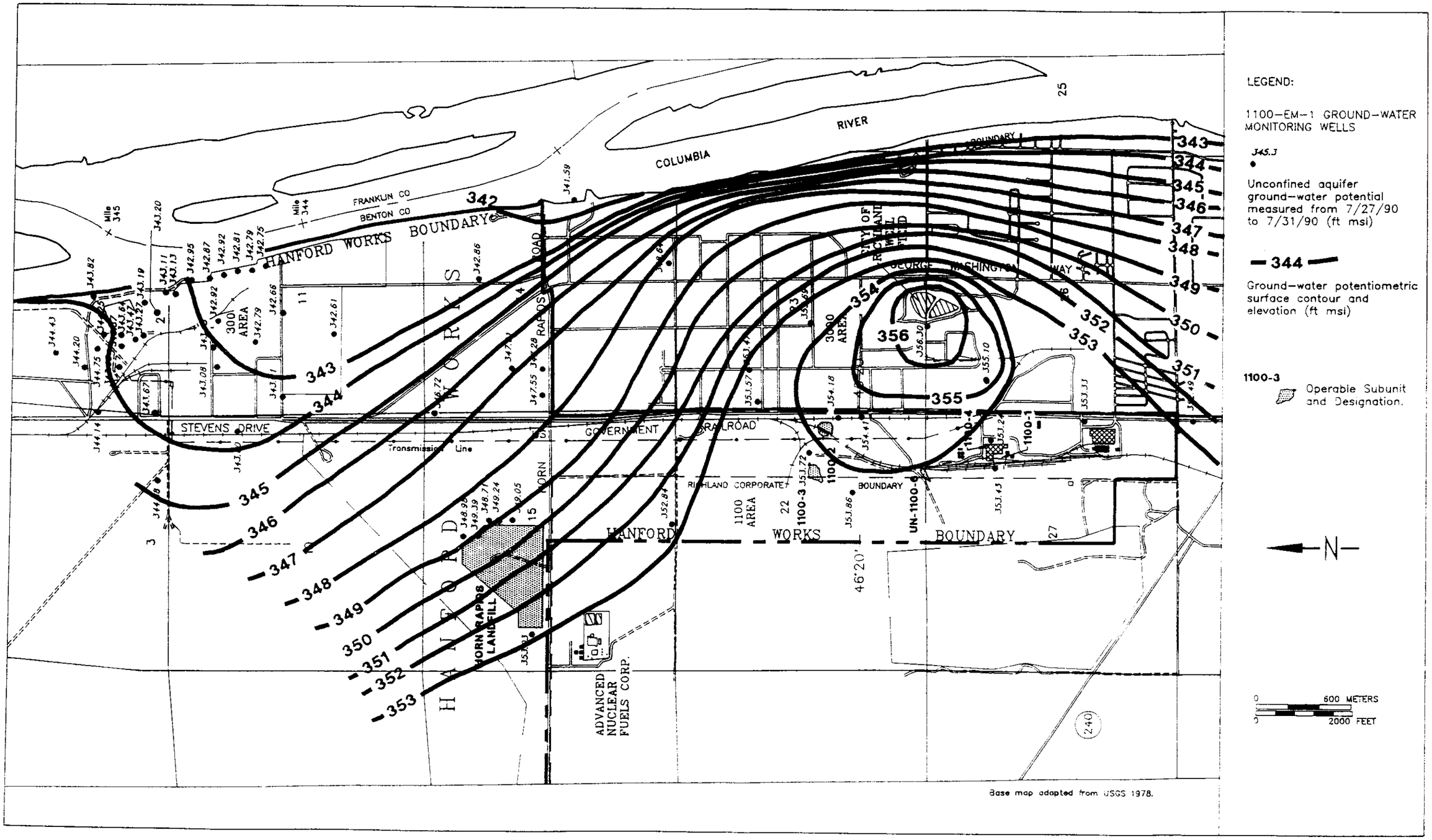

Figure 8. Ground-Water Potentiometric Surface for the Unconfined Aquifer, July 27-31, 1990.

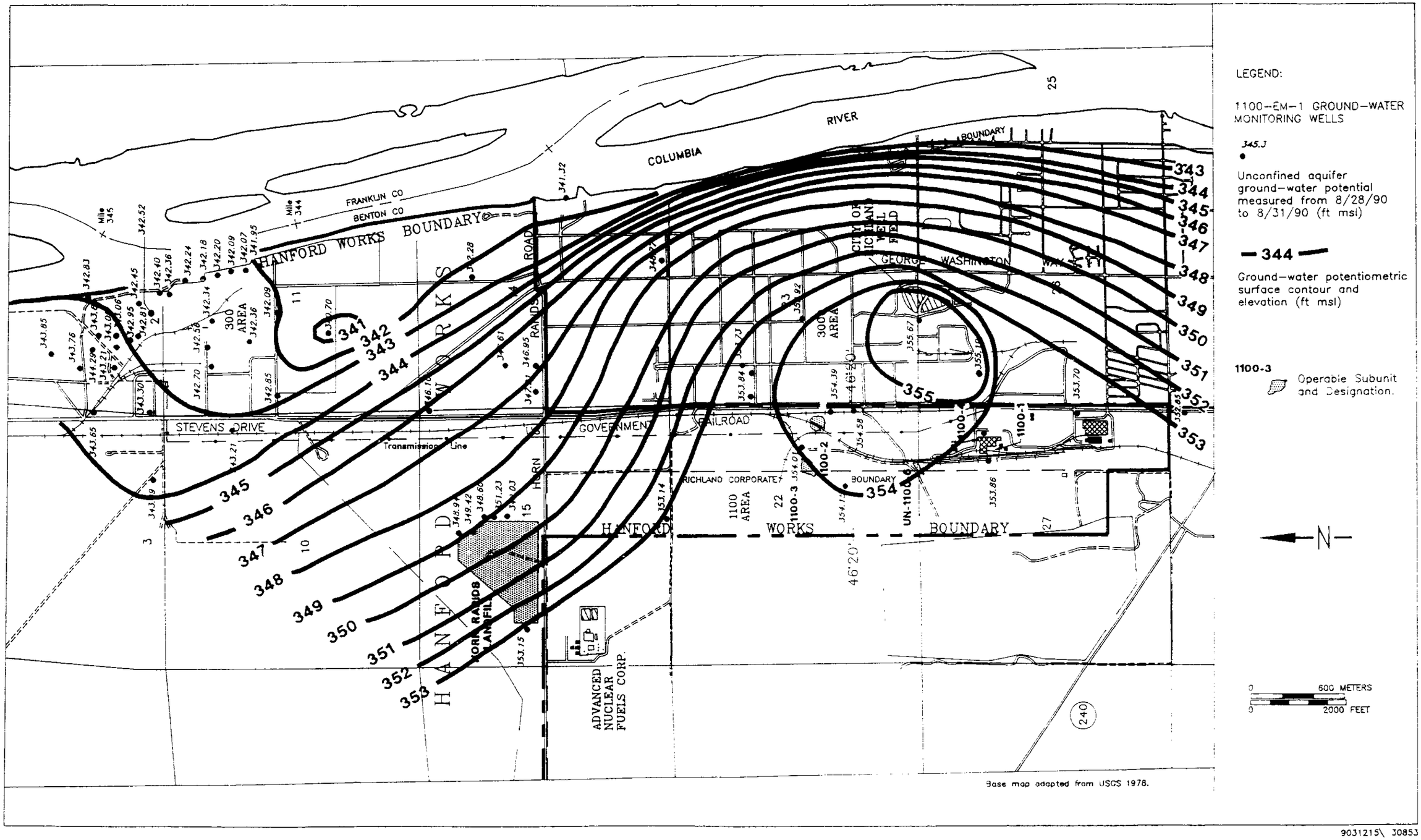

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Figure 9. Ground-Water Potentiometric Surface for the Unconfined Aquifer, August 28-31, 1990.

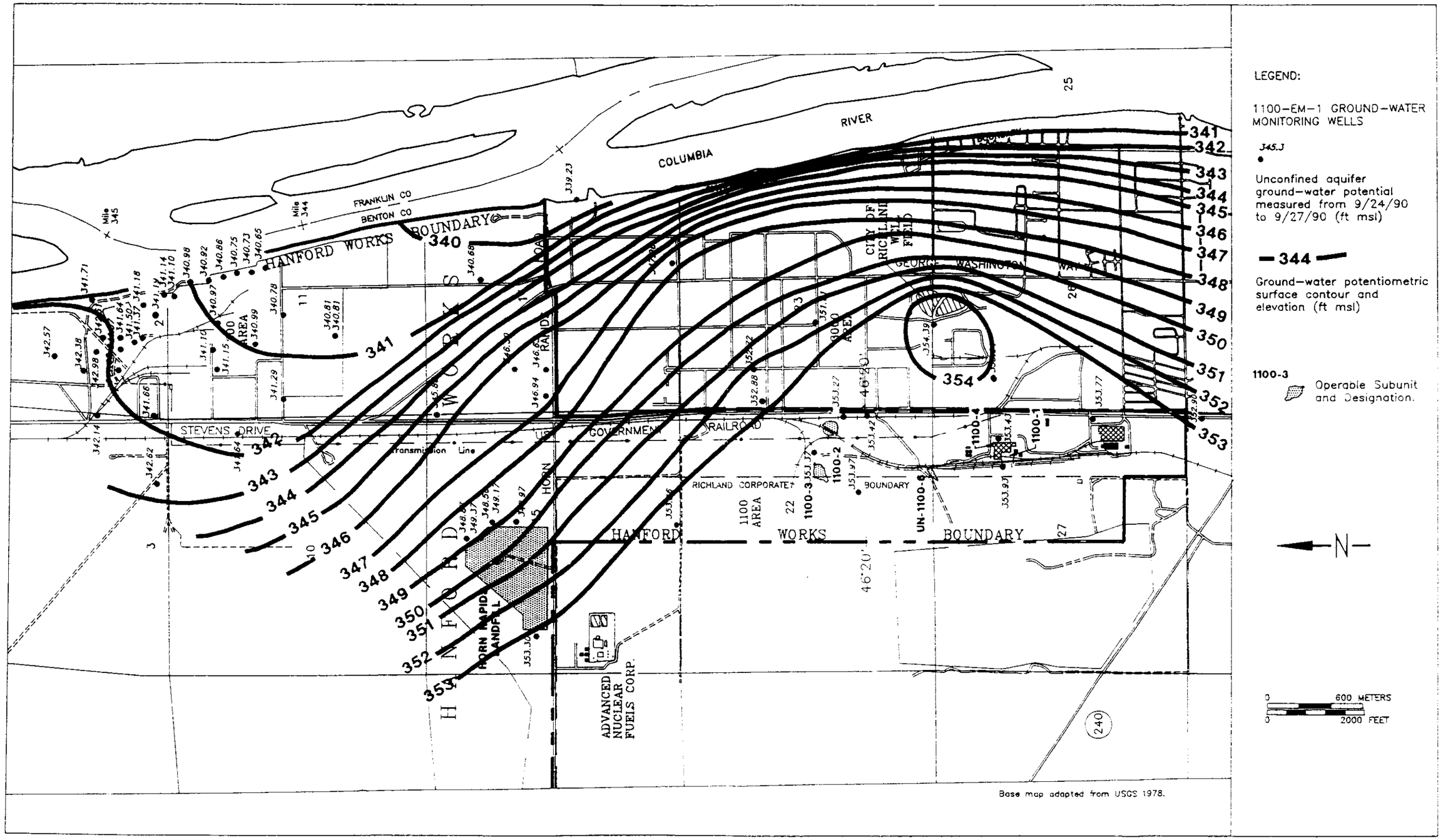

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Figure 10. Ground-Water Potentiometric Surface for the Unconfined Aquifer, September 24-27, 1990.

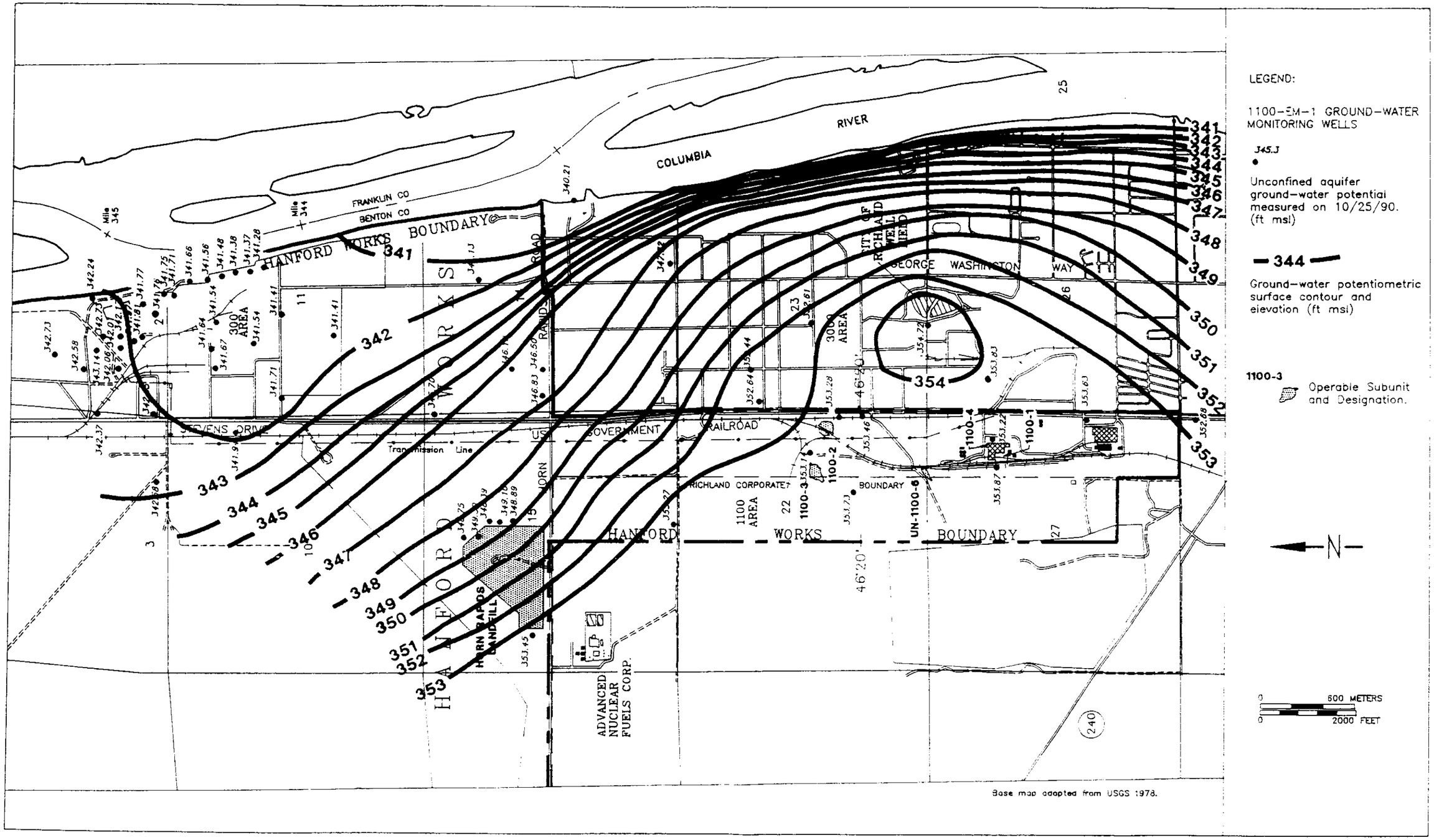

Figure 11. Ground-Water Potentiometric Surface for the Unconfined Aquifer, October 25, 1990.

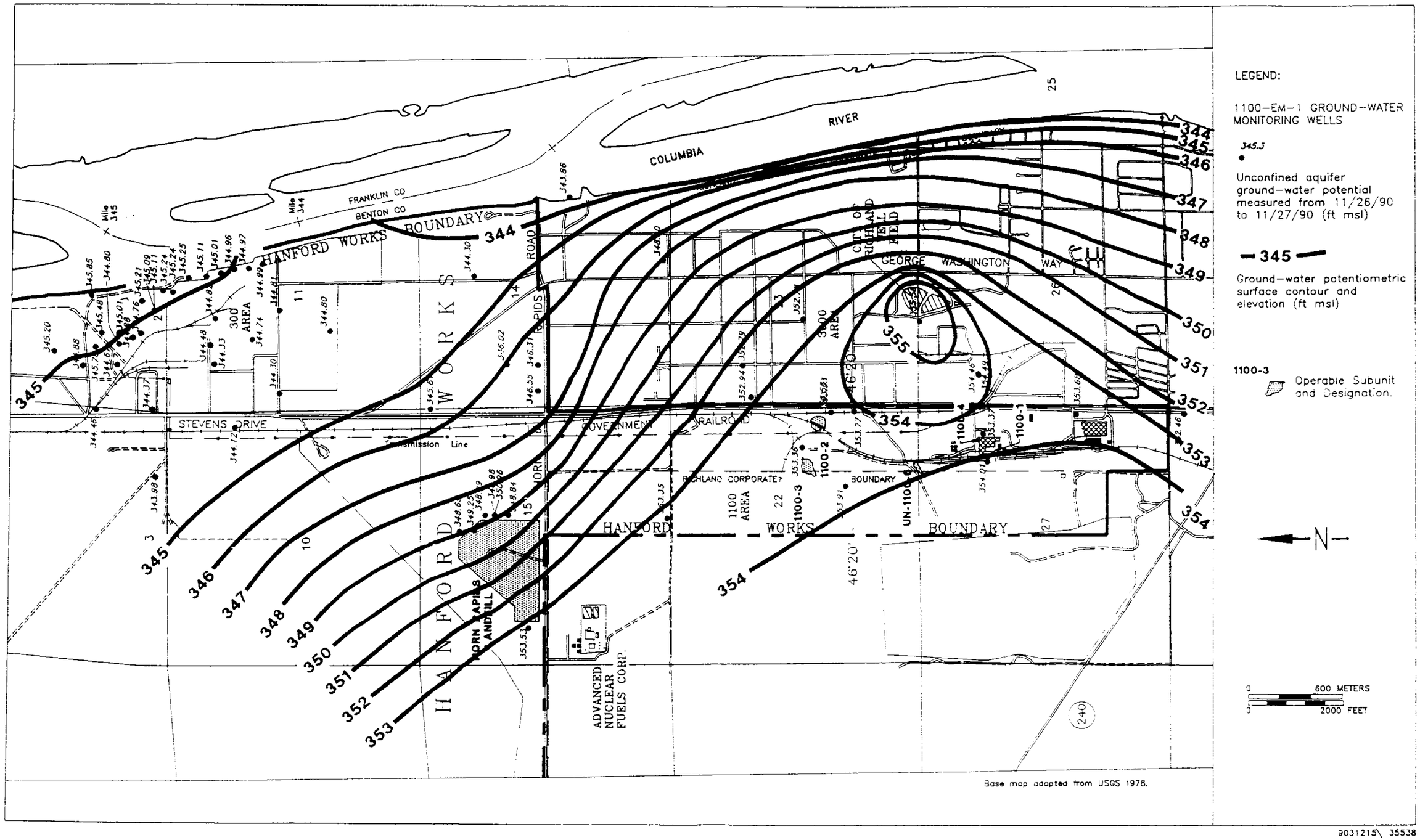

Figure 12. Ground-Water Potentiometric Surface for the Unconfined Aquifer, November 26-27, 1990.

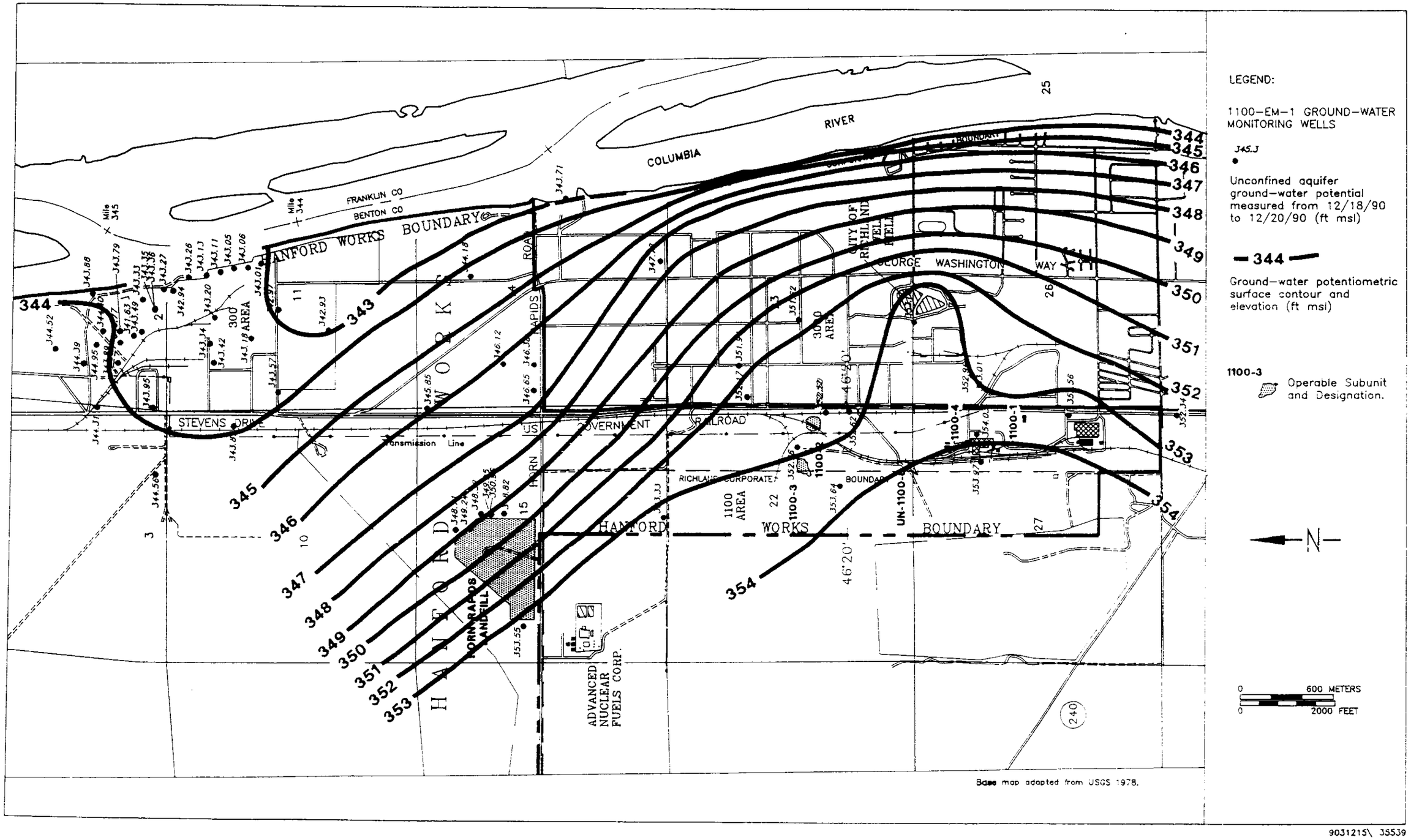

Figure 13. Ground-Water Potentiometric Surface for the Unconfined Aquifer, December 18-20, 1990.

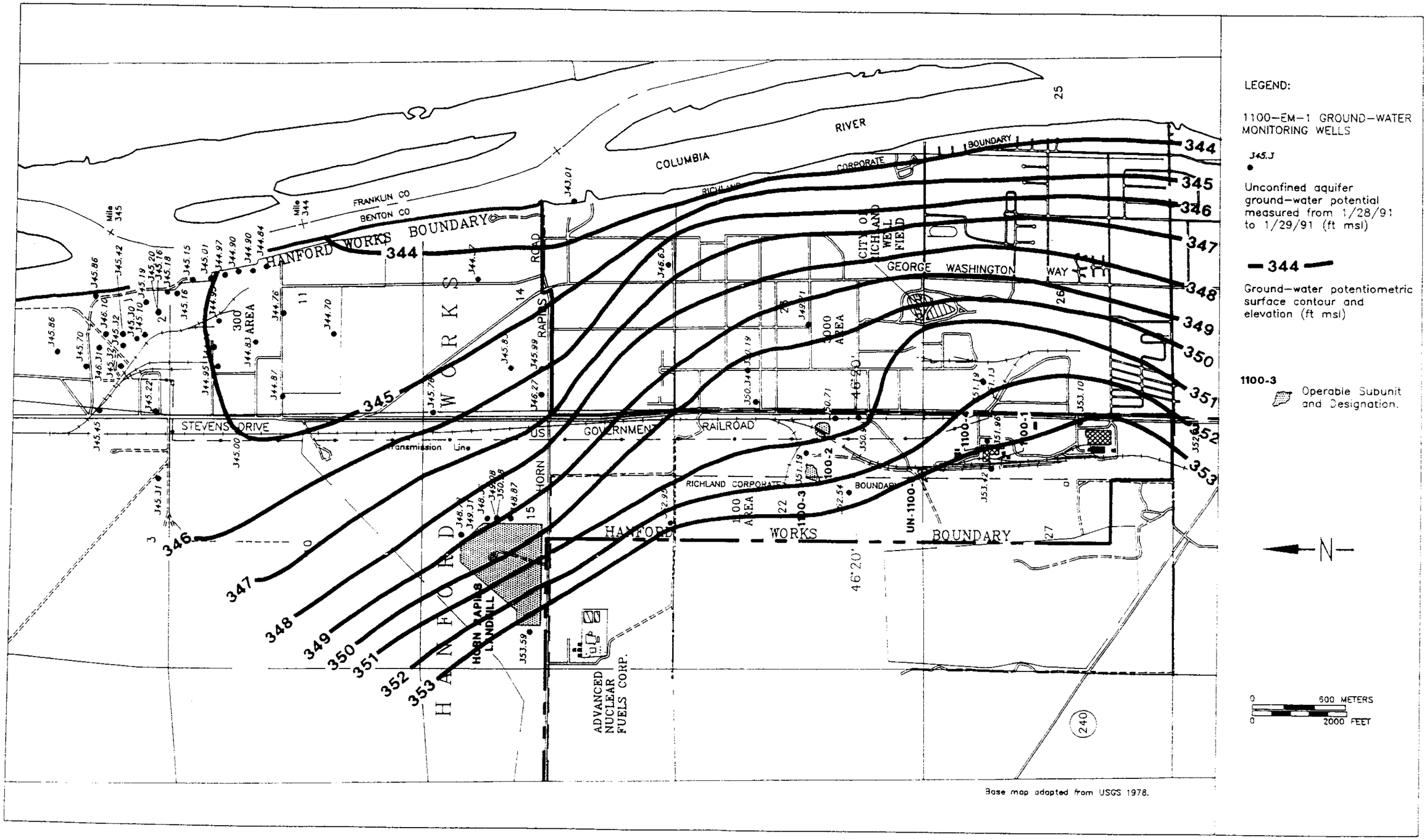

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Figure 14. Ground-Water Potentiometric Surface for the Unconfined Aquifer, January 28-29, 1991

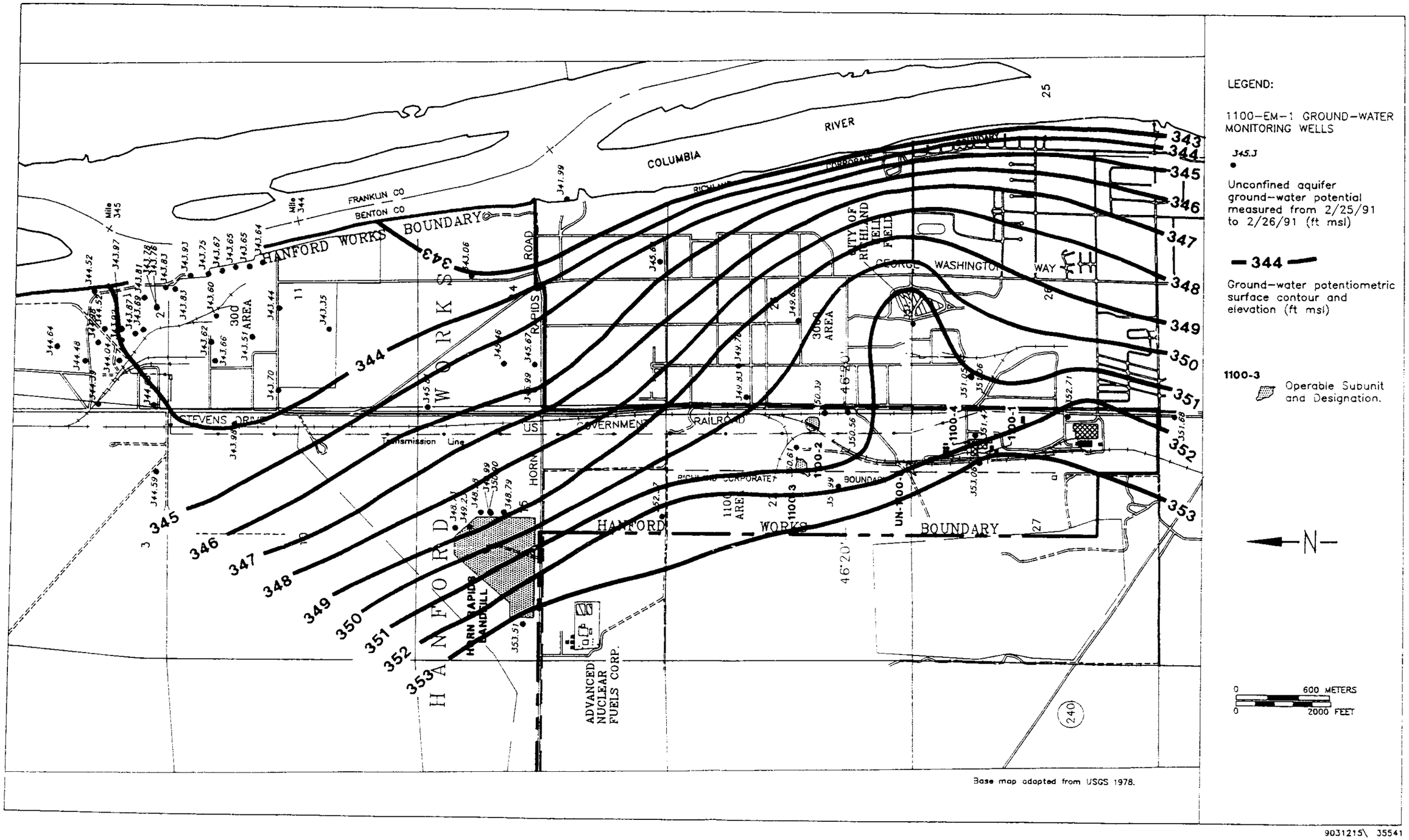


Figure 15. Ground-Water Potentiometric Surface for the Unconfined Aquifer, February 25-26, 1991.

Table 1. Ground-Water Potentiometric Surface Data, January through March, 1990

Well ID		NAD '83 Coordinates		Ground-water Potential		
		Easting (ft)	Northing (ft)	Jan. 29,1990 (feet)	Feb. 27-Mar 3,1990 (feet)	Mar. 29,1990 (feet)
1	11-34-13	1947530.05	359905.32	--(a)	352.19	--
2	11-41-13C	1947586.05	366909.32	--	352.04	--
3	30-45-16	1950714.03	370986.08	--	347.11	--
4	30-47-18B	1952013.73	372998.82	--	342.59	--
5	399-1-10	1949927.21	382978.12	343.75	343.74	345.31
6	399-1-11	1949149.23	382748.10	344.31	344.23	345.51
7	399-1-12	1948913.21	382383.11	343.74	343.73	344.66
8	399-1-13	1948487.23	382421.10	343.76	343.80	344.74
9	399-1-14	1948469.22	383145.11	344.10	344.23	345.14
10	399-1-15	1948764.23	383751.11	344.25	344.36	345.34
11	399-1-16A	1949818.22	381930.13	343.37	343.22	344.59
12	399-1-17A	1949144.21	381940.14	343.52	343.46	344.59
13	399-1-19	1949057.20	382109.13	343.71	343.60	344.72
14	399-1-3	1949605.20	381673.11	343.38	343.26	344.57
15	399-1-4	1948857.21	382881.11	344.67	344.74	345.86
16	399-1-5	1949148.21	382393.12	343.84	343.74	344.87
17	399-1-7	1949625.21	381674.13	343.38	343.22	344.56
18	399-2-1	1950294.20	380963.15	343.15	343.10	344.54
19	399-2-2	1950034.19	381496.12	343.33	343.19	344.60
20	399-2-3	1950004.21	381292.12	343.30	343.14	344.57
21	399-3-1	1950335.21	380590.12	343.25	342.99	344.41
22	399-3-10	1950486.19	380011.13	343.01	342.89	344.32
23	399-3-12	1949454.21	380402.13	343.21	343.05	344.34
24	399-3-6	1948513.22	380408.14	343.38	343.32	344.34
25	399-3-7	1948908.22	380495.14	343.34	343.24	344.37
26	399-3-9	1950406.20	380294.13	343.11	342.96	344.39
27	399-4-1	1949632.20	379056.15	343.06	342.82	344.21
28	399-4-10	1950597.21	379431.15	342.85	342.84	344.31
29	399-4-11	1949029.22	379628.16	343.22	343.05	344.31
30	399-4-9	1950507.19	379713.13	342.97	342.88	344.32
31	399-5-1	1947914.24	379042.14	343.37	343.43	344.26

(a) -- indicates ground-water potential was not measured

Table 1(cont). Ground-Water Potentiometric Surface Data, January through March, 1990

Well ID		NAD '83 Coordinates		Ground-water Potential		
		Easting (ft)	Northing (ft)	Jan. 29,1990 (feet)	Feb. 27-Mar 3,1990 (feet)	Mar. 29,1990 (feet)
32	399-6-1	1947195.25	379977.14	343.54	343.71	344.38
33	399-8-1	1947565.23	381694.11	343.69	343.79	344.58
34	399-8-2	1946153.24	381611.14	343.84	344.34	344.58
35	399-8-3	1947561.23	382848.10	343.92	344.14	344.79
36	699-S27-E14	1949212.20	377989.08	343.07	343.42	344.2
37	699-S29-E12	1947604.20	375883.08	345.63	345.67	--
38	699-S30-E10A	1945061.32	375257.22	--(a)	348.55	--
39	699-S30-E10B	1945087.11	374945.70	--	349.07	--
40	699-S30-E15A	1950370.20	374989.08	343.05	343.41	--
41	699-S31-E10A	1945397.80	374717.20	--	348.17	--
42	699-S31-E10B	1945382.05	374501.22	--	348.88	--
43	699-S31-E10C	1945406.04	374519.43	--	348.79	--
44	699-S31-E10D	1945407.61	374227.47	--	348.68	--
45	699-S31-E13	1948539.20	374275.08	--	345.84	--
46	699-S31-E8	1943059.94	373793.65	--	353.16	--
47	699-S32-E13A	1948532.31	373626.50	--	346.06	--
48	699-S32-E13B	1947995.24	373625.50	--	351.55	--
49	699-S34-E10	1945346.92	370875.18	--	352.87	--
50	699-S36-E12B	1947888.54	369092.65	--	351.47	--
51	699-S36-E13A	1948538.40	369270.17	--	351.29	--
52	699-S36-E13B	1948378.21	369069.78	--	351.55	--
53	699-S37-E11	1946831.02	368015.67	--	352.09	--
54	699-S37-E14	1949504.51	368003.40	--	351.18	--
55	699-S38-E11	1946019.77	367094.32	--	353.02	--
56	699-S38-E12A	1947570.61	367408.49	--	351.89	--
57	699-S38-E12B	1947570.61	367408.49	--	351.90	--
58	699-S40-E14	1949457.27	365534.93	--	352.15	--
59	699-S41-E11	1946534.6	364082.45	--	353.79	--
60	699-S41-E12	1947114.87	364175.09	--	--	--
61	699-S41-E13A	1948345.40	364273.13	--	352.47	--
62	699-S41-E13B	1948371.00	364287.79	--	352.45	--
63	699-S43-E12	1947525.20	362215.08	--	353.44	--

(a) -- indicates ground-water potential was not measured

Table 2. Ground-Water Potentiometric Surface Data, April through June, 1990

Well ID		NAD '83 Coordinates		Ground-water Potential		
		Easting (ft)	Northing (ft)	Apr. 27-29,1990 (feet)	May. 26-27,1990 (feet)	Jun. 25-27,1990 (feet)
1	11-34-13	1947530.05	359905.32	351.81	351.91	352.01
2	11-41-13C	1947586.05	366909.32	352.45	352.19	353.08
3	30-45-16	1950714.03	370986.08	346.96	347.53	349.12
4	30-47-18B	1952013.73	372998.82	343.90	343.20	346.36
5	399-1-10	1949927.21	382978.12	344.28	344.02	347.12
6	399-1-11	1949149.23	382748.10	344.61	344.37	347.50
7	399-1-12	1948913.21	382383.11	343.86	344.37	347.08
8	399-1-13	1948487.23	382421.10	343.88	343.95	347.12
9	399-1-14	1948469.22	383145.11	344.36	344.81	347.48
10	399-1-15	1948764.23	383751.11	344.57	345.03	347.64
11	399-1-16A	1949818.22	381930.13	343.54	344.21	346.67
12	399-1-17A	1949144.21	381940.14	343.57	343.53	346.87
13	399-1-19	1949057.20	382109.13	343.82	343.73	347.04
14	399-1-3	1949605.20	381673.11	343.51	343.39	346.70
15	399-1-4	1948857.21	382881.11	345.01	344.80	348.02
16	399-1-5	1949148.21	382393.12	344.00	343.82	347.09
17	399-1-7	1949625.21	381674.13	343.51	344.13	346.67
18	399-2-1	1950294.20	380963.15	343.50	343.38	346.43
19	399-2-2	1950034.19	381496.12	343.52	343.37	346.63
20	399-2-3	1950004.21	381292.12	--(a)	343.32	346.61
21	399-3-1	1950335.21	380590.12	343.37	343.25	346.33
22	399-3-10	1950486.19	380011.13	343.25	343.15	346.27
23	399-3-12	1949454.21	380402.13	343.31	343.27	346.50
24	399-3-6	1948513.22	380408.14	343.41	343.50	346.71
25	399-3-7	1948908.22	380495.14	343.39	344.06	346.64
26	399-3-9	1950406.20	380294.13	343.32	343.22	346.38
27	399-4-1	1949632.20	379056.15	343.15	343.28	346.22
28	399-4-10	1950597.21	379431.15	343.23	343.15	346.15
29	399-4-11	1949029.22	379628.16	343.27	343.21	346.43
30	399-4-9	1950507.19	379713.13	343.25	343.15	346.24
31	399-5-1	1947914.24	379042.14	343.33	343.59	346.66

(a) -- Indicates ground-water potential was not measured

Table 2(cont). Ground-Water Potentiometric Surface Data, April through June, 1990

Well ID		NAD '83 Coordinates		Ground-water Potential		
		Easting (ft)	Northing (ft)	Apr. 27-29,1990 (feet)	May. 26-27,1990 (feet)	Jun. 25-27,1990 (feet)
32	399-6-1	1947195.25	379977.14	343.57	343.89	347.01
33	399-8-1	1947565.23	381694.11	343.77	344.00	347.14
34	399-8-2	1946153.24	381611.14	344.14	344.54	347.55
35	399-8-3	1947561.23	382848.10	344.10	344.29	347.40
36	699-S27-E14	1949212.20	377989.08	343.12	342.99	346.18
37	699-S29-E12	1947604.20	375883.08	345.55	345.79	347.32
38	699-S30-E10A	1945061.32	375257.22	348.48	348.45	348.69
39	699-S30-E10B	1945087.11	374945.70	348.97	348.92	349.06
40	699-S30-E15A	1950370.20	374989.08	343.83	343.53	346.63
41	699-S31-E10A	1945397.80	374717.20	348.06	348.03	348.29
42	699-S31-E10B	1945382.05	374501.22	348.75	348.72	348.88
43	699-S31-E10C	1945406.04	374519.43	350.65	350.61	350.80
44	699-S31-E10D	1945407.61	374227.47	348.57	348.53	348.70
45	699-S31-E13	1948539.20	374275.08	345.73	346.26	347.76
46	699-S31-E8	1943059.94	373793.65	353.06	353.03	353.01
47	699-S32-E13A	1948532.31	373626.50	346.03	346.55	347.93
48	699-S32-E13B	1947995.24	373625.50	346.29	346.79	348.02
49	699-S34-E10	1945346.92	370875.18	352.36	352.47	352.47
50	699-S36-E12B	1947888.54	369092.65	351.67	351.67	352.32
51	699-S36-E13A	1948538.40	369270.17	351.60	351.61	352.28
52	699-S36-E13B	1948378.21	369069.78	--(a)	--	--
53	699-S37-E11	1946831.02	368015.67	351.96	352.08	352.44
54	699-S37-E14	1949504.51	368003.40	351.70	351.36	352.39
55	699-S38-E11	1946019.77	367094.32	352.62	352.80	352.88
56	699-S38-E12A	1947570.61	367408.49	352.26	352.02	352.88
57	699-S38-E12B	1947570.61	367408.49	352.17	352.03	352.89
58	699-S40-E14	1949457.27	365534.93	--	--	--
59	699-S41-E11	1946534.6	364082.45	353.20	353.31	353.10
60	699-S41-E12	1947114.87	364175.09	--	352.24	352.44
61	699-S41-E13A	1948345.40	364273.13	353.15	352.66	353.79
62	699-S41-E13B	1948371.00	364287.79	353.16	352.66	353.83
63	699-S43-E12	1947525.20	362215.08	352.93	353.01	352.94

(a) -- Indicates ground-water potential was not measured

Table 3. Ground-Water Potentiometric Surface Data, July through September, 1990

Well ID		NAD '83 Coordinates		Ground-Water Potential		
		Easting (ft)	Northing (ft)	Jul. 27-31, 1990 (feet)	Aug. 28-31, 1990 (feet)	Sept. 24-27, 1990 (feet)
1	11-34-13	1947530.05	359905.32	352.49	352.85	352.90
2	11-41-13C	1947586.05	366909.32	354.41	354.58	353.42
3	30-45-16	1950714.03	370986.08	348.64	348.77	347.96
4	30-47-18B	1952013.73	372998.82	341.59	341.32	339.23
5	399-1-10	1949927.21	382978.12	343.82	342.83	341.71
6	399-1-11	1949149.23	382748.10	344.25	343.69	342.51
7	399-1-12	1948913.21	382383.11	343.57	343.06	341.57
8	399-1-13	1948487.23	382421.10	343.63	343.21	341.67
9	399-1-14	1948469.22	383145.11	344.20	343.76	342.38
10	399-1-15	1948764.23	383751.11	344.43	343.85	342.57
11	399-1-16A	1949818.22	381930.13	343.19	342.45	341.18
12	399-1-17A	1949144.21	381940.14	343.27	342.81	341.37
13	399-1-19	1949057.20	382109.13	343.47	342.95	341.50
14	399-1-3	1949605.20	381673.11	343.20	342.52	341.19
15	399-1-4	1948857.21	382881.11	344.75	344.29	342.98
16	399-1-5	1949148.21	382393.12	343.64	343.06	341.64
17	399-1-7	1949625.21	381674.13	343.07	342.52	341.19
18	399-2-1	1950294.20	380963.15	342.95	342.24	340.98
19	399-2-2	1950034.19	381496.12	343.11	342.40	341.14
20	399-2-3	1950004.21	381292.12	343.13	342.36	341.10
21	399-3-1	1950335.21	380590.12	342.87	342.18	340.92
22	399-3-10	1950486.19	380011.13	342.81	342.09	340.75
23	399-3-12	1949454.21	380402.13	342.92	342.34	340.97
24	399-3-6	1948513.22	380408.14	343.08	342.70	341.15
25	399-3-7	1948908.22	380495.14	343.05	342.56	341.10
26	399-3-9	1950406.20	380294.13	342.92	342.20	340.86
27	399-4-1	1949632.20	379056.15	342.66	342.09	340.78
28	399-4-10	1950597.21	379431.15	342.75	341.95	340.65
29	399-4-11	1949029.22	379628.16	342.79	342.36	340.99
30	399-4-9	1950507.19	379713.13	342.79	342.07	340.73
31	399-5-1	1947914.24	379042.14	343.21	342.85	341.29

(a) -- indicates ground-water potential was not measured

Table 3(cont). Ground-Water Potentiometric Surface Data, July through September, 1990

Well ID		NAD '83 Coordinates		Ground-Water Potential		
		Easting (ft)	Northing (ft)	Jul. 27-31, 1990 (feet)	Aug. 28-31, 1990 (feet)	Sept. 24-27, 1990 (feet)
32	399-6-1	1947195.25	379977.14	343.60	343.21	341.64
33	399-8-1	1947565.23	381694.11	343.67	343.30	341.66
34	399-8-2	1946153.24	381611.14	344.68	343.89	342.62
35	399-8-3	1947561.23	382848.10	344.14	343.65	342.14
36	699-S27-E14	1949212.20	377989.08	342.61	340.70	340.81
37	699-S29-E12	1947604.20	375883.08	346.72	346.10	345.88
38	699-S30-E10A	1945061.32	375257.22	348.98	348.94	348.87
39	699-S30-E10B	1945087.11	374945.70	349.39	349.42	349.37
40	699-S30-E15A	1950370.20	374989.08	342.86	342.28	340.68
41	699-S31-E10A	1945397.80	374717.20	348.71	348.60	348.50
42	699-S31-E10B	1945382.05	374501.22	349.24	349.21	349.17
43	699-S31-E10C	1945406.04	374519.43	351.16	351.23	351.08
44	699-S31-E10D	1945407.61	374227.47	349.05	349.03	348.97
45	699-S31-E13	1948539.20	374275.08	347.01	346.61	346.30
46	699-S31-E8	1943059.94	373793.65	353.03	353.15	353.30
47	699-S32-E13A	1948532.31	373626.50	347.28	346.95	346.63
48	699-S32-E13B	1947995.24	373625.50	347.55	347.21	346.94
49	699-S34-E10	1945346.92	370875.18	352.84	353.14	353.36
50	699-S36-E12B	1947888.54	369092.65	353.57	353.84	352.88
51	699-S36-E13A	1948538.40	369270.17	353.47	353.73	352.72
52	699-S36-E13B	1948378.21	369069.78	--(a)	--	--
53	699-S37-E11	1946831.02	368015.67	353.72	354.01	353.37
54	699-S37-E14	1949504.51	368003.40	353.69	353.92	351.61
55	699-S38-E11	1946019.77	367094.32	353.86	354.15	353.97
56	699-S38-E12A	1947570.61	367408.49	354.18	354.39	353.27
57	699-S38-E12B	1947570.61	367408.49	354.21	354.41	353.29
58	699-S40-E14	1949457.27	365534.93	356.30	355.67	354.39
59	699-S41-E11	1946534.6	364082.45	353.43	353.86	353.93
60	699-S41-E12	1947114.87	364175.09	353.24	353.57	353.43
61	699-S41-E13A	1948345.40	364273.13	355.10	355.19	353.95
62	699-S41-E13B	1948371.00	364287.79	355.13	355.21	353.94
63	699-S43-E12	1947525.20	362215.08	353.33	353.70	353.77

(a) -- Indicates ground-water potential was not measured

Table 4. Ground-Water Potentiometric Surface Data, October through December, 1990

Well ID		NAD '83 Coordinates		Ground-water Potential		
		Easting (ft)	Northing (ft)	Oct. 25-29,1990 (feet)	Nov. 26-27,1990 (feet)	Dec. 18-20,1990 (feet)
1	11-34-13	1947530.05	359905.32	352.68	352.46	352.34
2	11-41-13C	1947586.05	366909.32	353.46	353.77	352.62
3	30-45-16	1950714.03	370986.08	347.72	348.00	347.77
4	30-47-18B	1952013.73	372998.82	340.21	343.86	343.71
5	399-1-10	1949927.21	382978.12	342.24	345.85	343.88
6	399-1-11	1949149.23	382748.10	342.73	345.48	344.40
7	399-1-12	1948913.21	382383.11	342.01	344.80	343.77
8	399-1-13	1948487.23	382421.10	342.06	344.67	343.89
9	399-1-14	1948469.22	383145.11	342.58	344.88	344.39
10	399-1-15	1948764.23	383751.11	342.73	345.20	344.52
11	399-1-16A	1949818.22	381930.13	341.77	345.21	343.33
12	399-1-17A	1949144.21	381940.14	341.81	344.76	343.49
13	399-1-19	1949057.20	382109.13	341.97	344.88	341.63
14	399-1-3	1949605.20	381673.11	341.76	345.09	343.35
15	399-1-4	1948857.21	382881.11	343.14	345.70	344.95
16	399-1-5	1949148.21	382393.12	342.17	345.01	343.79
17	399-1-7	1949625.21	381674.13	341.76	345.11	343.36
18	399-2-1	1950294.20	380963.15	341.66	345.25	343.26
19	399-2-2	1950034.19	381496.12	341.75	345.24	343.27
20	399-2-3	1950004.21	381292.12	341.71	345.24	342.94
21	399-3-1	1950335.21	380590.12	341.56	345.11	343.13
22	399-3-10	1950486.19	380011.13	341.38	344.96	343.05
23	399-3-12	1949454.21	380402.13	341.54	344.82	343.20
24	399-3-6	1948513.22	380408.14	341.67	344.33	343.42
25	399-3-7	1948908.22	380495.14	341.64	344.48	343.34
26	399-3-9	1950406.20	380294.13	341.48	345.01	343.11
27	399-4-1	1949632.20	379056.15	341.41	344.81	342.97
28	399-4-10	1950597.21	379431.15	341.28	344.99	343.01
29	399-4-11	1949029.22	379628.16	341.54	344.74	343.18
30	399-4-9	1950507.19	379713.13	341.37	344.97	343.06
31	399-5-1	1947914.24	379042.14	341.71	344.30	343.57

(a) -- indicates ground-water potential was not measured

Table 4(cont). Ground-Water Potentiometric Surface Data, October through December, 1990

Well ID		NAD '83 Coordinates		Ground-water Potential		
		Easting (ft)	Northing (ft)	Oct. 25-29,1990 (feet)	Nov. 26-27,1990 (feet)	Dec. 18-20,1990 (feet)
32	399-6-1	1947195.25	379977.14	341.94	344.12	343.87
33	399-8-1	1947565.23	381694.11	342.05	344.37	343.95
34	399-8-2	1946153.24	381611.14	342.58	343.98	344.56
35	399-8-3	1947561.23	382848.10	342.37	344.46	344.31
36	699-S27-E14	1949212.20	377989.08	341.41	344.80	342.93
37	699-S29-E12	1947604.20	375883.08	345.70	345.61	345.85
38	699-S30-E10A	1945061.32	375257.22	348.75	348.69	348.71
39	699-S30-E10B	1945087.11	374945.70	349.30	349.25	349.24
40	699-S30-E15A	1950370.20	374989.08	341.13	344.30	344.18
41	699-S31-E10A	1945397.80	374717.20	348.39	348.29	348.32
42	699-S31-E10B	1945382.05	374501.22	349.10	348.98	349.05
43	699-S31-E10C	1945406.04	374519.43	351.01	350.96	350.96
44	699-S31-E10D	1945407.61	374227.47	348.89	348.84	348.82
45	699-S31-E13	1948539.20	374275.08	346.18	346.02	346.12
46	699-S31-E8	1943059.94	373793.65	353.45	353.53	353.55
47	699-S32-E13A	1948532.31	373626.50	346.50	346.31	346.38
48	699-S32-E13B	1947995.24	373625.50	346.83	346.55	346.65
49	699-S34-E10	1945346.92	370875.18	353.27	353.35	353.33
50	699-S36-E12B	1947888.54	369092.85	352.64	352.94	352.17
51	699-S36-E13A	1948538.40	369270.17	352.44	352.79	351.94
52	699-S36-E13B	1948378.21	369069.78	--(a)	--	--
53	699-S37-E11	1946831.02	368015.67	353.14	353.36	352.76
54	699-S37-E14	1949504.51	368003.40	352.61	352.78	351.62
55	699-S38-E11	1946019.77	367094.32	353.73	353.91	353.64
56	699-S38-E12A	1947570.61	367408.49	353.28	353.53	352.50
57	699-S38-E12B	1947570.61	367408.49	353.30	353.57	352.52
58	699-S40-E14	1949457.27	365534.93	354.72	355.56	353.09
59	699-S41-E11	1946534.6	364082.45	353.87	354.01	353.97
60	699-S41-E12	1947114.87	364175.09	353.22	353.37	354.03
61	699-S41-E13A	1948345.40	364273.13	353.83	354.46	353.01
62	699-S41-E13B	1948371.00	364287.79	353.85	354.49	352.96
63	699-S43-E12	1947525.20	362215.08	353.63	353.68	353.56

(a) -- Indicates ground-water potential was not measured

Table 5. Ground-Water Potentiometric Surface Data, January through Feburary, 1991

Well ID		NAD '83 Coordinates		Ground-water Potential	
		Easting (ft)	Northing (ft)	Jan. 28-29,1991 (feet)	Feb. 25-26,1991 (feet)
1	11-34-13	1947530.05	359905.32	352.01	351.68
2	11-41-13C	1947586.05	366909.32	350.90	350.56
3	30-45-16	1950714.03	370986.08	346.63	345.60
4	30-47-18B	1952013.73	372998.82	343.01	341.99
5	399-1-10	1949927.21	382978.12	345.86	344.52
6	399-1-11	1949149.23	382748.10	346.10	344.52
7	399-1-12	1948913.21	382383.11	345.32	343.92
8	399-1-13	1948487.23	382421.10	345.32	344.04
9	399-1-14	1948469.22	383145.11	345.70	344.48
10	399-1-15	1948764.23	383751.11	345.86	344.64
11	399-1-16A	1949818.22	381930.13	345.19	343.81
12	399-1-17A	1949144.21	381940.14	345.10	343.69
13	399-1-19	1949057.20	382109.13	345.30	343.87
14	399-1-3	1949605.20	381673.11	345.20	343.78
15	399-1-4	1948857.21	382881.11	346.31	344.98
16	399-1-5	1949148.21	382393.12	345.42	343.97
17	399-1-7	1949625.21	381674.13	345.16	343.76
18	399-2-1	1950294.20	380963.15	345.15	343.93
19	399-2-2	1950034.19	381496.12	345.18	343.83
20	399-2-3	1950004.21	381292.12	345.16	343.83
21	399-3-1	1950335.21	380590.12	345.01	343.75
22	399-3-10	1950486.19	380011.13	344.90	343.65
23	399-3-12	1949454.21	380402.13	344.93	343.60
24	399-3-6	1948513.22	380408.14	344.95	343.66
25	399-3-7	1948908.22	380495.14	344.97	343.62
26	399-3-9	1950406.20	380294.13	344.97	343.67
27	399-4-1	1949632.20	379056.15	344.76	343.44
28	399-4-10	1950597.21	379431.15	344.84	343.64
29	399-4-11	1949029.22	379628.16	344.83	343.51
30	399-4-9	1950507.19	379713.13	344.90	343.65
31	399-5-1	1947914.24	379042.14	344.87	343.70

(a) -- Indicates ground-water potential was not measured

Table 5(cont). Ground-Water Potentiometric Surface Data, January through Feburary, 1991

Well ID		NAD '83 Coordinates		Ground-water Potential	
		Easting (ft)	Northing (ft)	Jan. 28-29,1991 (feet)	Feb. 25-26,1991 (feet)
32	399-6-1	1947195.25	379977.14	345.00	343.98
33	399-8-1	1947565.23	381694.11	345.22	344.06
34	399-8-2	1946153.24	381611.14	345.31	344.59
35	399-8-3	1947561.23	382848.10	345.45	344.39
36	699-S27-E14	1949212.20	377989.08	344.70	343.35
37	699-S29-E12	1947604.20	375883.08	345.76	345.81
38	699-S30-E10A	1945061.32	375257.22	348.78	348.73
39	699-S30-E10B	1945087.11	374945.70	349.31	349.23
40	699-S30-E15A	1950370.20	374989.08	344.37	343.06
41	699-S31-E10A	1945397.80	374717.20	348.36	348.28
42	699-S31-E10B	1945382.05	374501.22	349.08	348.99
43	699-S31-E10C	1945406.04	374519.43	350.98	350.90
44	699-S31-E10D	1945407.61	374227.47	348.87	348.79
45	699-S31-E13	1948539.20	374275.08	345.83	345.46
46	699-S31-E8	1943059.94	373793.65	353.59	353.51
47	699-S32-E13A	1948532.31	373626.50	345.99	345.67
48	699-S32-E13B	1947995.24	373625.50	346.27	345.99
49	699-S34-E10	1945346.92	370875.18	352.95	352.57
50	699-S36-E12B	1947888.54	369092.65	350.34	349.83
51	699-S36-E13A	1948538.40	369270.17	350.19	349.76
52	699-S36-E13B	1948378.21	369069.78	--(a)	--
53	699-S37-E11	1946831.02	368015.87	351.19	350.61
54	699-S37-E14	1949504.51	368003.40	349.71	349.63
55	699-S38-E11	1946019.77	367094.32	352.54	351.99
56	699-S38-E12A	1947570.61	367408.49	350.70	350.39
57	699-S38-E12B	1947570.61	367408.49	350.71	350.42
58	699-S40-E14	1949457.27	365534.93	351.02	351.78
59	699-S41-E11	1946534.6	364082.45	353.42	353.06
60	699-S41-E12	1947114.87	364175.09	351.96	351.47
61	699-S41-E13A	1948345.40	364273.13	351.19	351.05
62	699-S41-E13B	1948371.00	364287.79	351.13	351.06
63	699-S43-E12	1947525.20	362215.08	353.10	352.71

(a) -- Indicates ground-water potential was not measured

APPENDIX D

LETTERS AND MEMORANDA

Lockhave, S., Advanced Nuclear Fuels Corp., [Letter to C. Cline, Department of Ecology] January 12, 1990.

ADVANCED NUCLEAR FUELS CORPORATION

2101 HORN RAPIDS ROAD PO BOX 130, RICHLAND, WA 99352-0130
(509) 375-8100 TELEX 15-2878

REGULATORY COMPLIANCE

January 12, 1990
SRL:90:003

Washington State Department of Ecology
Attn: Mr. Chuck Cline
Mail Stop PV-11
Olympia, WA 98504

Dear Mr. Cline:

TEST WELL DATA

Please find enclosed the Advanced Nuclear Fuels Corporation (ANF) test well data that you requested. This data was also requested and sent on January 9, 1990 to Maryanne Olascaga of Westinghouse Hanford.

Very truly yours,

Stephen R. Lockhaven, Specialist
Industrial Regulations

jrs

Enclosure
As Stated

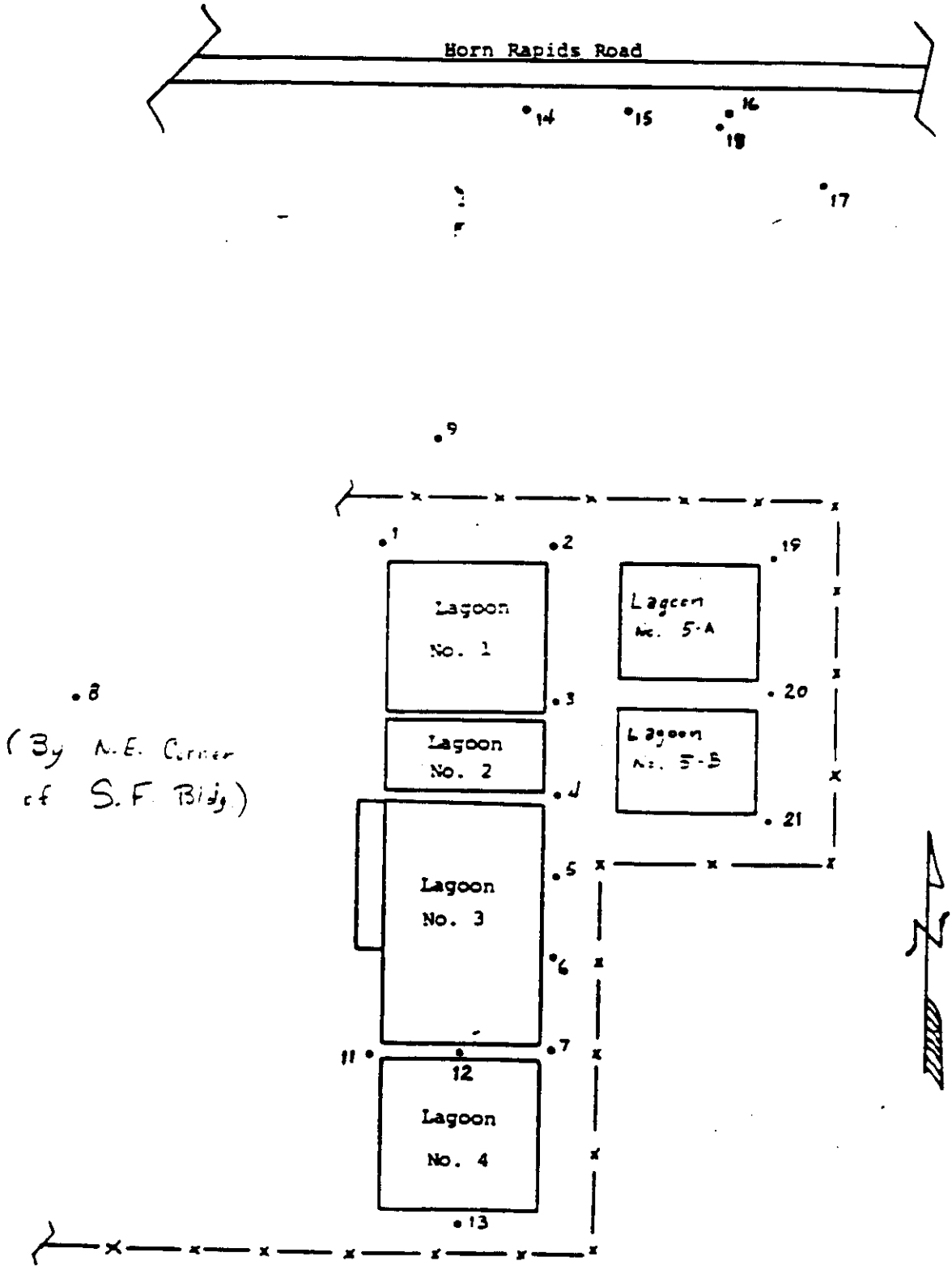


Figure 1-6 Lagoon Test Well Locations

WELL #1

Yr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm	NO_3 ppm	[illegible] ppm
81/1	<0.1			5.20	68	72
81/2	<0.1			5.10	79	81
81/3	<0.1			7.60	38	26
81/4	<0.1			11.20	27	30
82/1	<0.1			21.80	72	73
82/2	<0.1			9.70	63	94
82/3	<0.1			6.00	49	107
82/4	<0.1			11.70	81	108
83/1	<0.1			4.00	99	72
83/2	<0.1			6.00	81	69
83/3	<0.1			4.80	60	35
83/4	<0.1			2.90	52	46
84/1	<0.1			3.80	52	49
84/2		24.4	24.4	4.00		
84/3		8.7	46.4	5.00	53	29
84/4		9.9	91.7	4.00		
85/1		11.1	55.6	4.00	71	90
85/2		12.1	29.2	2.00		
85/3		8.0	18.0	2.90	64	-
85/4		42.4	30.4	6.20		
86/1		22.1	17.4	3	46	20
86/2		19.1	24.8	2.6		
86/3		12.8	15.8	3	42	19
86/4		52.6	23.2	5		
87/1		19.6	33.3	2	51.25	52.41
87/2		15.7	[illegible]	3	23.6	33.5
87/3			42.4	6	34.6	
87/4		75.4				
88/1		[illegible]	39	5	52.6	64.2
88/2		15.4	30	3		
88/3		1.8	1.5	1.5	7.7	36.6
88/4		10.5	17.6	4.7		
[illegible]		[illegible]	[illegible]	[illegible]	46.6	62.5

WELL #2

Yr/Qtr	Li ppm	Alpha = pCi/L	Beta pCi/L	F ppm	NO_3 ppm	NH_3 ppm
81/1	<0.1			14.00	34	145
81/2	<0.1			9.70	65	147
81/3	<0.1			7.00	42	85
81/4	<0.1			6.50	18	85
82/1	<0.1			18.90	34	99
82/2	<0.1			11.60	37	114
82/3	<0.1			7.10	33	102
82/4	<0.1			8.00	39	29
83/1	<0.1			8.50	65	163
83/2	<0.1			3.30	57	108
83/3	<0.1			4.50	18	55
83/4	<0.1			4.10	6	46
84/1	<0.1			7.60	44	60
84/2		148	77.6	7.20		
84/3		131	61.1	7.00	43	36
84/4		111	68.1	7.00		
85/1		91.1	70.1	7.50	57	823
85/2		281.0	87.3	4.00		
85/3		98.3	50.3	8.40	69	-
85/4		86.2	30.4	5.20		
86/1		22.1	17.4			
86/2		39.5	27.3	3	38	38
86/3		58.6	33.7	5.8		
86/4		34.8	30.1	8	[redacted]43	[redacted]34
87/1				4		
87/2		—	—	—	—	—
87/3		44.6	45.8	6.4	44.7	35.7
87/4		35.3	34.7	6	37.7	43.5
		24.4	32.6	5	[redacted]	12.4
88/1						
88/2		31.3	65	7	25.5	[redacted]
88/3		14.6	47.2	5		
88/4		27.1	52.5	4.4	57.5	[redacted]3.5
		45.8	43.4	4.7		
89/1						
89/2		22.2	17.4	12.4	62.5	[redacted]
89/3		11.5	10.1	6.6		
89/4		17.7	10.8	4.0	60.8	3.9
		74 [redacted]	11.5 [redacted]	5.2		

WELL #3

Yr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm	NO_3	NH_4
81/1	<0.1			0.92		
81/2	<0.1			0.80		
81/3	<0.1			0.54		
81/4	<0.1			0.46		
82/1	<0.1			0.52		
82/2	<0.1			0.81		
82/3	<0.1			0.56		
82/4	<0.1			0.40		
83/1	<0.1			1.30		
83/2	<0.1			0.65		
83/3	<0.1			0.41		
83/4	<0.1			0.45		
84/1	<0.1			0.46		
84/2		5.1	40.6	0.50		
84/3		5.6	19.9	1.00		
84/4		11.6	31.7	6.00		
85/1		19.8	48.5	0.80		
85/2		44.1	24.5	1.50		
85/3		9.2	22.4	0.50		
85/4		6.6	28.2	0.48		
86/1		3.8	17.2			
86/2		8.3	27.3	.4		
86/3		6.1	41.6	.5		
86/4		2.6	14.7	.5		
87/1		—	—	—	52.4	51.3
87/2		2.8	27.2	.5		
87/3		2.3	19.1	.4		
87/4		4.7	26.6	.8		7.8
88/1						
88/2		1.0	23	2		
88/3		2.9	23.5	.4		
88/4		3.3	24.1	1.0		
		1.7	20	1.6		
89/1						
89/2		3.8	8.6	.4		
89/3		1.5	10.7	.4		
89/4		2.5	4.9	.4		
		2.3	4.2	.5		

WELL #4

Yr/Qtr	U ppm	Alpha = pCi/L	Beta pCi/L	F ppm	NO_3	NH_4
81/1	<0.1			0.83		
81/2	<0.1			0.63		
81/3	<0.1			0.68		
81/4	<0.1			0.65		
[illegible]	<0.1			0.45		
[illegible]	<0.1			0.67		
[illegible]	<0.1			0.39		
[illegible]	<0.1			0.43		
[illegible]	<0.1			0.91		
[illegible]	<0.1			0.37		
[illegible]	<0.1			0.36		
[illegible]	<0.1			0.42		
[illegible]	<0.1			0.35		
[illegible]		46.4	28.6	0.40		
[illegible]		5.0	26.2	0.70		
[illegible]		7.1	26.7	0.50		
[illegible]		6.9	29.1	0.70		
[illegible]		9.9	-33.1	2.00		
[illegible]		7.6	19.5	0.50		
[illegible]		3.9	19.8	0.45		
86/1		4.2	18.9	.4		
86/2		7.3	19.4	.4		
86/3		4.8	41.8	1.0		
86/4		2.3	13.8	.5		
87/1						
87/2		—	—	—	—	—
87/3		1.9	19	.6	25.1	
87/4		2.39	22	.3		4.7
		2.2	18.4	.5		
88/1					—	3.1
88/2		2.6	12.9	.4		
88/3		1.7	18.2	.3		
88/4		2.7	13.2	1.7		
		1.8	12.1	.5		
89/1						
89/2		2.8				
89/3			6.0	.4		
		1.2	6.8	.4		
89/4		2.3	10.3	.4		
		3.7	7.9	.4		

WELL #5

yr/qtr	U ppm	= Alpha pCi/L	Beta pCi/L	F ppm		
81/1	<0.1			0.51		
81/2	<0.1			0.28		
81/3				0.29		
81/4				0.31		
82/1				0.27		
82/2				0.60		
82/3				0.27		
82/4				0.41		
83/1				0.85		
83/2				0.40		
83/3				0.28		
83/4				0.28		
84/1				0.35		
84/2		3.2	32.9	0.45		
84/3		3.3	28.8	14.0		
84/4		1.8	5.54	0.30		
85/1		7.8	38.9	0.40		
85/2		1.4	10.7	0.50		
85/3		0.2	10.4	0.30		
85/4		0.03	8.8	0.21	~63	~44
86/1		1.6	7.4	.2		
86/2		.23	6.5	.2		
86/3		1.69	8.9	.7		
86/4		.05	7.3	.4		
87/1						
87/2		—	—	—		
87/3		.03	5.5	.7		
87/4		.38	6.4	.3		
88/1		.68	7.6	.3		3.1
88/2		1.1	23.6	.3		
88/3		1.5	5.3	.2		
88/4		.47	6.0	.3		
89/1		1.4	6.6	.5		
89/2		2.1	5.5	.4		
89/3		.9	3.2	.3		
89/4		.9	6.1	.3		
		.6	4.2	.3		

WELL #6

Yr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm
81/1	<0.1			0.51
81/2	<0.1			0.54
81/3	<0.1			0.25
81/4	<0.1			0.33
82/1	<0.1			0.53
82/2	<0.1			0.49
82/3	<0.1			0.30
82/4	<0.1			0.34
83/1	<0.1			0.83
83/2	<0.1			4.80
83/3	<0.1			0.30
83/4	<0.1			0.40
84/1	<0.1			0.39
84/2		8.3	19.7	0.60
84/3		3.4	9.0	0.40
84/4		4.4	27.2	0.30
85/1		8.8	23.1	0.80
85/2		6.7	14.6	1.30
85/3		0.1	11.0	0.50
85/4		5.4	14.3	0.30
86/1		2.5	12	.2
86/2		2.5	8.1	.2
86/3		2.4	11.5	.3
86/4		2.2	11.3	.3
87/1				
87/2		—	—	—
87/3		1.0	9.6	.4
87/4		.6	6.3	.3
88/1		1.98	20.3	.3
88/2		.9		
88/3		1.6	10.3	.3
88/4		2.2	10	.3
89/1		1.2	10.3	.3
89/2		1.4	4.6	.5
89/3		2.7	5.7	.3
89/4		1.4	3.7	.3
		1.2	5.7	.3
			5.7	.4

WELL #7

Yr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm
81/1	<0.1			0.39
81/2	<0.1			0.28
81/3	<0.1			0.35
81/4	<0.1			0.38
82/1	<0.1			0.42
82/2	<0.1			0.48
82/3	<0.1			0.31
82/4	<0.1			0.37
83/1	<0.1			1.53
83/2	<0.1			0.50
83/3	<0.1			0.33
83/4	<0.1			0.40
84/1	<0.1			0.39
84/2		2.2	5.1	0.47
84/3		2.6	4.5	0.70
84/4		3.1	5.7	0.40
85/1		3.2	5.0	0.70
85/2		3.9	5.9	0.70
85/3		2.0	7.0	0.30
85/4		2.0	5.3	0.30
86/1		.8	4.7	.3
86/2		.92	5	.2
86/3		.27	5.9	.2
86/4		.79	4.6	.4
87/1		—	—	—
87/2		1.0	2.7	.3
87/3		.7	5.3	.2
87/4		1.0	4.7	.4
88/1		1.3	3.9	.2
88/2		1.0	3.7	.2
88/3		1.0	7.5	.2
88/4		1.3	4.3	.4
89/1		1.3	6.7	.2
89/2		0.7	1.3	1.1
89/3		1.4	5.7	.2
89/4		0.45	4.97	.3

WELL #9

	U	Alpha pCi/L	Beta pCi/L	F ppm	NO_3 ppm	NH_3 ppm
1					75	193
2					75	129
3					40	112
4					37	90
					47	107
					64	164
	<0.1				53	131
	<0.1				56	130
	<0.1				58	132
	<0.1				67	120
	<0.1				48	96
	<0.1				11	95
	<0.1				21	105
	<0.1					
		109.0	47.0		86	178
		17.4	73.8		94	84
3		69.4	36.3		75	14
84A		80.2	39.7		59	92
84B		49.5	44.7	1.0	84	70
87A		—	—	—	—	—
87B		—				
87C		84.1	56.2	8	77.9	104.8
88A		192	128			
88B		—			47.5	23.6
88C		54.3	44.3		61.5	45.0
87A		97.8	32.6	6.9	20.3	24.0
87B		—				
87C		45.4	18.4	7.5	83.1	38.8

WELL #11

[illegible]	U ppm	Alpha pCi/L	Beta pCi/L	F ppm
1				0.51
2				0.46
[illegible]				0.38
[illegible]				0.38
				0.45
				0.62
				0.37
	<0.1			0.43
	<0.1			0.62
	<0.1			0.50
	<0.1			0.42
	<0.1			0.43
	<0.1			0.34
		1.3	7.5	0.38
		2.1	5.0	0.70
		4.3	5.0	0.40
		3.9	9.0	1.00
		4.6	9.1	0.60
[illegible]		0.1	6.6	0.30
[illegible]		2.7	3.9	0.30
8/1		.3	5.1	.3
8/2		.2	4.9	.2
8/3		2.5	6.9	.3
8/4		1.4	5.0	.3
8/7		—	—	—
8/8		3.7	10.5	1.4
8/9		.8	10.1	.4
8/4		1.6	7.4	.5
8/11		2.4	6.5	1.6
8/12		1.7	12.1	.3
8/3		.6	5.5	.3
8/4		1.1	11.3	.6
8/1		5.1	10.1	.3
8/2		1.0	5.5	.4
8/3		3.1	5.0	.4
8/4		1.7	9.5	[illegible]

WELL #12

Yr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm
81/1				0.60
81/2				0.39
81/3				0.39
81/4				0.40
82/1				0.49
82/2				0.65
82/3				0.40
82/4	<0.1			0.33
83/1	<0.1			0.61
83/2	<0.1			0.55
83/3	<0.1			0.35
83/4	<0.1			0.57
84/1	<0.1			0.41
84/2		7.1	7.0	3.00
84/3		0.8	8.3	0.60
84/4		1.8	5.0	0.40
85/1		0.2	7.3	1.00
85/2		2.6	6.7	1.00
85/3		3.7	4.0	0.30
85/4		1.0	6.7	0.23
86/1		2.6	4.8	0.2
86/2		4.5	6.7	0.3
86/3		3.25	6.16	0.4
86/4		.15	6.7	0.3
87/1		—	—	—
87/2		2.2	5.7	0.2
87/3		1.3	5.8	0.6
87/4		1.2	6.3	0.4
88/1		.4	5.1	0.4
88/2		.3	6.4	0.3
88/3		1.0	1.4	0.3
88/4		1.3	4.9	0.7
89/1		2.1	7.6	0.5
89/2		0.2	3.7	0.3
89/3		2.5	3.4	0.3
89/4		2.5	7.8	0.3

WELL #13

r/Qu	U ppm	Alpha = pCi/L	Beta pCi/L	F ppm	NO_3 ppm	NH_3 ppm
31/1				0.35	2.6	0.19
31/2				0.27	3.2	0.02
31/3				0.55	2.1	0.19
31/4				0.38	1.4	0.53
2/1				0.29	2.5	0.33
2/2				0.46	3.1	0.12
2/3				0.38	1.4	0.16
2/4	<0.1			0.25	0.8	0.22
3/1	<0.1			0.41	3.5	0.10
3/2	<0.1			0.45	4.4	0.90
3/3	<0.1			0.39	1.6	0.35
[illegible]	<0.1			0.60	1.3	0.67
[illegible]	<0.1			0.34	2.8	0.11
[illegible]		2.1	0.5	0.47		
[illegible]		2.6	0.7	0.70	2.7	0.16
[illegible]		3.1	1.9			
[illegible]		4.3	6.9	~~8.00~~ 1.0	10.2	0.74
5/2		3.0	5.6	.3		
5/3		1.6	3.5	~~8.00~~ .3 .3	5.6	-
5/4		1.8	6.6			
86/1		1.1	4.0	0.3	5.6	1.4
86/2		2.4	4.2	0.3		
86/3		1.4	4.92	0.4	2.4	1.9
86/4						
87/1		—	—	—	—	—
87/2		[illegible].6	3.8	0.5		
87/3		1.2	5.1	0.2		
87/4		1.7	6.4	0.5		
88/1		0.44	6.8	0.3		
88/2		.0	3.2	0.3		
88/3		1.5	4.9	0.2		
88/4		2.3	3.8	0.5		
89/1		1.6	6.6	0.4		
89/2		2.7	6.9	0.4		
89/3		1.5	3.9	0.3		
89/4		[illegible]	[illegible]	0.3		

WELL #14

Yr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm	NO_3 ppm	NH_3 ppm
81/1					53	71
81/2					77	43
81/3					34	58
81/4					21	84
82/1					40	86
82/2					37	111
82/3					51	170
82/4	<0.1				65	72
83/1	<0.1				68	84
83/2	<0.1				68	85
83/3	<0.1				52	148
83/4	<0.1				41	71
84/1	<0.1				75	120
84/2						
84/3		25.0	18.0		64	77
84/4						
85/1		68.0	25.0		46	39
85/2						
85/3		55.0	23.0		49	-
85/4						
86/1		59	298		52	9
86/2						
86/3		65	279	6	49	8.5
86/4						
87/1		—	—	—	—	—
87/2		—				
87/3						
87/4		2.4	35.7		64.2	43.5
88/1		—				
88/2		72.8	53.2		42.0	25.6
88/3		—				
88/4		33.0	27.4	2.7	46.4	17.1
		23.2	28.5	4.5		
89/1						
89/2		19.8	14.6	3.1	56.5	1.9
89/3		—				
89/4		17.8	1.6	3.7	63.4	9.3
		—				

WELL #15

Yr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm	NO_3 ppm	NH_3 ppm
81/1					80	225
81/2					65	123
81/3					39	134
81/4					22	129
82/1					46	101
82/2					61	123
82/3					41	135
82/4	<0.1				31	160
83/1	<0.1				54	94
83/2	<0.1				51	90
83/3	<0.1				11	69
83/4	<0.1				39	87
84/1	<0.1				64	73
84/2						
84/3		88.0	52.0		53	122
84/4						
85/1		82.0	80.0		85	100
85/2		-				
85/3		29.0	34.0		49	-
85/4						
86/1		71.0	46.2		56.0	73.0
86/2						
86/3		46.3	49.1	13.0	33.9	101.0
86/4						
87/1		—	—	—	—	—
87/2		—			—	—
87/3		—			59.4	97.1
87/4		—			—	—
88/1		94.7	12.3		58.4	93.2
88/2		—				
88/3		59.4	63.2	8.0	35.4	27.9
88/4		64.1	55.9	7.8		
89/1		64.7	26.1	7.6	64.2	65.2
89/2		—				
89/3		71.4	17.7	8.3	63.9	43.2
89/4		—				

WELL #16

Yr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm	NO_3 ppm	NH_3 ppm
81/1						
81/2						
81/3						
81/4						
82/1						
82/2						
82/3	<0.1				24	43
82/4	<0.1				13	72
83/1	<0.1				41	36
83/2	<0.1				0.90	32
83/3	<0.1				1.2	43
83/4	<0.1				1.5	38
84/1	<0.1				1.4	33
84/2						
84/3		2.3	10.0		1.4	54
84/4						
85/1		4.9	20.0		1.8	44
85/2						
85/3		0.9	11.5		1.1	-
85/4						
86/1						
86/2		.86	12.7		1.4	22
86/3						
86/4		.8	10.4	9.0	1.4	34
87/1		—				
87/2		—				
87/3		0.86	8.48		2.3	166.9
87/4		—				
88/1						
88/2		0.26	7.1		1.1	24.1
88/3		—				
88/4		0.14	10.6	2.3	1.8	15.5
		0 1.77	4.0	5.0		
89/1						
89/2		0.53	4.1	4.4	5.7	20.2
89/3		—				
89/4		0.55	5.0	4.0	2.5	7.8
		—				

WELL #19

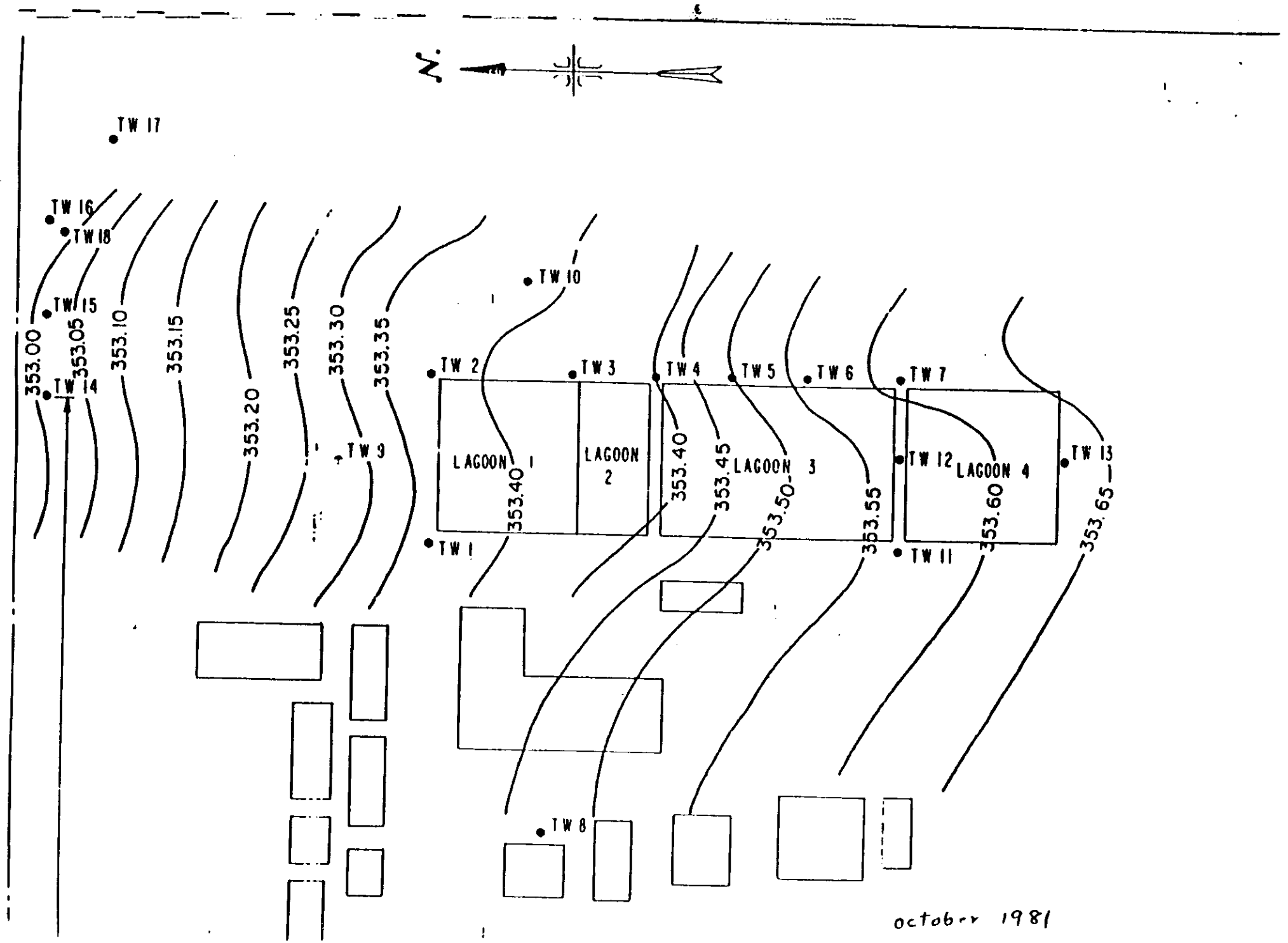
Year	U ppm	Alpha pCi/L	Beta pCi/L	F ppm
81/1				
81/2				
81/3				
81/4				
82/1				
82/2				
82/3				
82/4	<0.1			0.46
83/1	<0.1			1.70
83/2	<0.1			0.55
83/3	<0.1			0.40
83/4	<0.1			0.55
84/1	<0.1			0.43
84/2		4.2	5.5	3.00
84/3		2.8	5.0	2.00
84/4		1.0	4.4	0.30
85/1		4.9	9.3	1.50
85/2		4.1	19.1	2.00
85/3		4.5	19.0	0.20
85/4		4.0	11.5	0.20
86/1		1.2	5.3	0.3
86/2		2.2	8.2	0.3
86/3		2.2	13.6	0.4
86/4		1.5	7.2	0.4
87/1		—		
87/2		3.6	5.8	0.4
87/3		1.2	10.7	0.3
87/4		1.7	4.2	0.3
88/1		1.8	11.6	0.3
88/2		3.1	6.1	0.2
88/3		2.5	4.7	0.3
88/4		1.4	12.4	0.4
89/1		2.4	5.5	0.2
89/2		5.4	10.5	0.3
89/3		1.4	6.3	0.3
89/4		3.4	5.4	0.8

WELL #20

Tr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm
81/1				
81/2				
81/3				
81/4				
82/1				
82/2				
82/3				
82/4	<0.1			0.35
83/1	<0.1			0.50
83/2	<0.1			0.50
83/3	<0.1			0.35
83/4	<0.1			0.41
84/1	<0.1			0.37
84/2		2.2	4.8	1.00
84/3		0.8	3.2	1.00
84/4		1.5	5.9	0.40
85/1		3.8	11.0	1.00
85/2		2.4	19.0	0.70
85/3		2.8	8.9	0.30
85/4		3.1	4.1	0.30
86/1		1.7	6.2	0.3
86/2		3.8	9.9	0.2
86/3		1.7	8.4	0.5
86/4		2.8	5.3	0.3
87/1		—		
87/2		1.1	7.9	0.4
87/3		2.1	7.9	0.4
87/4		1.9	6.1	0.3
88/1				
88/2		2.7	6.6	0.3
88/3		2.0	5.2	0.3
88/4		.7	7.2	0.2
89/1		.9	6.8	0.6
89/2		1.4	5.3	0.5
89/3		1.0	2.1	0.4
89/4		1.5	7.0	0.3
		1.6	4.8	0.4

WELL #21

Yr/Qtr	U ppm	Alpha pCi/L	Beta pCi/L	F ppm
81/1				
81/2				
81/3				
81/4				
82/1				
82/2				
82/3				
82/4				
83/1	<0.1			
83/2	<0.1			0.80
83/3	<0.1			0.35
83/4	<0.1			0.51
84/1	<0.1			0.41
84/2		3.2	8.2	
84/3		2.4	5.9	1.00
84/4		1.6	7.1	0.40
85/1		4.1	17.1	0.50
85/2		2.5	24.0	0.80
85/3		2.6	4.0	0.30
85/4		3.5	4.0	0.30
86/1				
86/2		2.1	3.7	0.2
86/3		2.4	7.6	0.3
86/4		1.3	6.6	0.6
87/1		1.4	5.6	0.3
87/2		2.2	5.5	0.3
87/3		2.4	5.3	0.4
87/4		1.9	4.9	0.3
88/1				
88/2		1.5	6.5	0.3
88/3		2.7	7.5	0.2
88/4		.6	2.2	0.3
89/1		1.7	5.3	0.4
89/2		0.6	12.4	0.5
89/3		2.7	2.7	0.4
89/4		3.7	6.4	0.3
		3.1	5.2	0.4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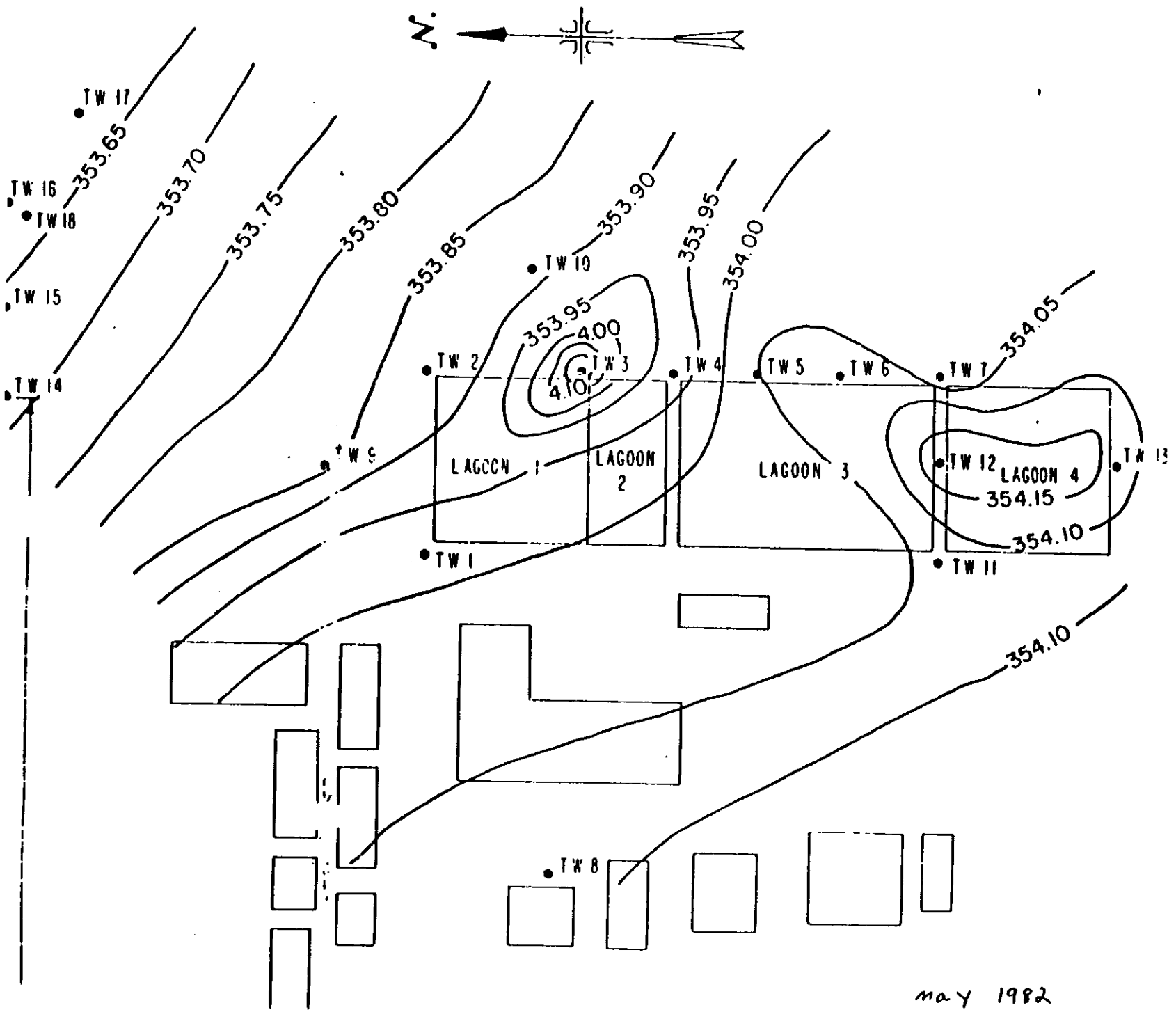
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LAGOON 4

May 1982

Milton, J., and D. Bowhay, Department of Ecology, [Memo to R. Taylor, Department of Ecology] October 31, 1986.

Washington Department of Ecology

MEMORANDUM

TO: Russ Taylor

THROUGH: Clar Pratt

FROM: Jim Milton and Dennis Bowhay

SUBJECT: Exxon Nuclear (meeting November 3, 1986)

DATE: October 31, 1986

On October 28, 1986 Mr. Charles W. Malody called to set up a meeting with Russ et. al. on the possible sale of all or part of Exxon Nuclear to a German Corporation. Mr. Malody relayed five specific concerns of the clients investigating purchase. They are as follows with my associated response.

1. What are future liabilities concerning 1982 JUB Engineering's study of leaking lagoons?

   On June 1983 we received a copy of a report to NRC describing the leakage of wastewater from the Exxon treatment lagoons. The report described a plume 40 to 50 feet deep by 500 to 600 feet wide by 1000 to 11000 feet long extending northwesterly from the Exxon facilities. Contaminant levels were judged not to have a detrimental impact on the public due to restricted land use in the area (south part of 300 area) and no effect on the Columbia River, which the plume is projected to reach in 75 years. Contamination levels exceed EPA drinking water standards as follows: NO_3 standard of 10 mg/l exceeded by a high of 70 mg/l; Fluorides standard of 2 mg/l exceeded by a high of 17 mg/l; and a SO_4 standard of 250 exceeded by a high of 423.

   Remedial action has been taken with the installation of double lined lagoon with monitoring required by the State Waste Discharge Permit.

   Figure 9 page 18 of JUB Engineer's Report shows test wells and the location of the projected plume of contaminated groundwater. The downstream plume area should be investigated to ensure that there are no conduits for downward migration of pollutants into the lower aquifer.

   The report submitted basically complies with requirements for designation under Part III of WDOE Cleanup Policy, Ground Water

Protection Levels. This spill has not bee through the formal process because it preceded the Policy. Follow up for Protection Cleanup Levels requires long term monitoring to verify that there is no threat to public health or the environment. This is a condition of the State Waste Discharge Permit. No additional requirements are anticipated other than monitoring of the plume and ensuring that lower aquifers are not vulnerable.

2. Are there any changes regarding Gaseous Fluorides Emissions and/or testing.

   In 1983 the NRC required that the fluoride stack sampling method used by Exxon Nuclear be approved by the State of Washington. A report was submitted along with a sampling program. That program was approved by this office, after consultation with WDOE monitoring experts, March 23, 1983. No major changes to Fluoride limits or testing procedures have occurred since that time which would result in the need for modification.

3. WDOE Policy on G.W. use and discharge to it?

   G.W. use is by permit evaluated on a case by case basis. There are no known pre-existing uses or conditions which would impair addition withdrawals in that area.

   Discharge requires known reasonable and available treatment prior to discharge and protection of groundwaters (drinking water standards) for additional future uses. SEPA review, an engineering report and P & S approval is required for treatment and/or disposal facilities.

4. Waste discharge permit renewal?

   The current permit expires May 27, 1987.

   If and when the City of Richland gets up to full speed on their pretreatment program the permitting responsibility could shift to the city with state oversight. It is not anticipated that this would have a material impact on the discharge requirements unless problems with the city's WWTP are traced to the Exxon discharge.

5. Dangerous waste designation of Waste Storage lagoon?

   There is the need to determine if individual waste streams and/or the combined wastes are dangerous waste. The only point which has previously been evaluated has been the discharge to Richland STP. Since the new lagoons are built to dangerous waste lagoon standards they have been assigned a low priority for follow up.

   Last information we have is that their Waste Storage Impoundments were being evaluated by Olympia - Status unknown?

This appears to be major area for potential future impact on this facilities. Such impact would basically be administrative assuming no unusual findings.

JM:ch

Appendix A-3

Filtered Inorganic Results

6-S30-E10A,MW-10

Parameter	Units	Round 1 B00160 Conc.	Qual.	Round 2 B00079 Conc.	Qual.	Round 3 B00B05 Conc.	Qual.	Round 4 B00D28 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	166.00	B	136.00	U	102.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	1.00	U	2.10	B	2.60	B	3.30	B
BARIUM	UG/L	108.00	B	96.70	B	90.40	B	84.20	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	90600.00		96200.00		93400.00		92100.00	
CHROMIUM	UG/L	7.10	U	5.00	U	5.00	U	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	2.70	B	6.00	U	5.00	U
IRON	UG/L	260.00		18.20	U	49.00	U	25.00	U
LEAD	UG/L	1.50	B	2.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	20000.00		20300.00		19800.00		19600.00	
MANGANESE	UG/L	232.00		27.70		5.20	B	8.40	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	J	0.20	U
NICKEL	UG/L	7.00	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	9030.00		9140.00		8200.00		8120.00	
SELENIUM	UG/L	2.20	B	2.00	U	4.70	U	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	29400.00	J	30200.00	J	31000.00		28200.00	
THALLIUM	UG/L	1.00	U	2.00	U	5.00	UJ	2.00	U
VANADIUM	UG/L	4.00	U	5.50	U	2.40	B	10.00	U
ZINC	UG/L	3.60	B	2.00	U	3.00	U	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S31-E10A,MW-12

Parameter	Units	Round 1 B00500 Conc.	Qual.	Round 2 B00088 Conc.	Qual.	Round 3 B00832 Conc.	Qual.	Round 4 B00848 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	122.00	U	110.00	U	49.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	1.40	J	2.70	B	3.30	B	3.70	B
BARIUM	UG/L	109.00	J	111.00	B	111.00	B	105.00	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	109000.00		116000.00		116000.00		106000.00	
CHROMIUM	UG/L	6.10	U	5.00	U	4.00	U	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.40	B	10.00	U
COPPER	UG/L	2.00	U	2.00	U	4.70	B	5.00	U
IRON	UG/L	31.10	B	45.50	U	13.00	U	44.40	B
LEAD	UG/L	3.00	UJ	2.00	U	2.00	UJ	3.00	U
MAGNESIUM	UG/L	23200.00		23900.00		24200.00		22400.00	
MANGANESE	UG/L	158.00		36.80		5.20	B	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	15.90	U	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	8890.00		8910.00		8600.00		8480.00	
SELENIUM	UG/L	1.00	U	2.00	U	2.00	U	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	31600.00		32900.00	J	31800.00	J	30500.00	
THALLIUM	UG/L	1.10	U	2.00	U	1.00	U	2.00	U
VANADIUM	UG/L	4.80	U	6.40	U	5.80	B	10.00	U
ZINC	UG/L	2.00	U	2.00	U	2.00	UJ	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S31-E10B,MW-13

Parameter	Units	Round 1 B00100 Conc.	Qual.	Round 2 B00096 Conc.	Qual.	Round 3 B00840 Conc.	Qual.	Round 4 B00850 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	69.60	U	94.10	U	49.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	2.20	U	3.30	B	3.60	B	5.10	B
BARIUM	UG/L	101.00	B	97.90	B	97.90	B	94.60	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	101000.00		104000.00		104000.00		100000.00	
CHROMIUM	UG/L	5.40	U	5.00	U	7.70	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	B	2.60	B	3.70	B	5.00	U
IRON	UG/L	49.60	B	24.50	U	13.00	U	25.00	U
LEAD	UG/L	1.00	U	2.00	U	2.00	UJ	3.00	U
MAGNESIUM	UG/L	20700.00		21900.00		21700.00		21500.00	
MANGANESE	UG/L	86.90		96.80		21.80		9.00	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	30.00	U	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	8380.00		8510.00		8360.00		8120.00	
SELENIUM	UG/L	2.30	J	2.00	U	2.00	UJ	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	30400.00	J	30500.00	J	29700.00	J	29200.00	
THALLIUM	UG/L	1.30	U	2.00	UJ	1.00	U	2.00	U
VANADIUM	UG/L	7.50	U	6.00	U	5.90	B	10.00	U
ZINC	UG/L	2.00	U	2.00	U	2.00	UJ	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S31-E10C,MW-14

Parameter	Units	Round 1 B0007D Conc.	Qual.	Round 2 B000F5 Conc.	Qual.	Round 3 B00B44 Conc.	Qual.	Round 4 B00B54 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	83.80	U	125.00	U	49.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	1.00	U	2.00	U	2.00	U	2.00	B
BARIUM	UG/L	102.00	B	105.00	B	86.60	B	86.30	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.20	U	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	105000.00		114000.00		102000.00		107000.00	
CHROMIUM	UG/L	3.40	U	7.90	B	4.00	U	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	8.00	B	6.10	B	5.60	B	5.00	U
IRON	UG/L	34.40	B	36.90	U	13.00	U	25.90	B
LEAD	UG/L	1.00	U	2.00	U	2.00	UJ	3.00	U
MAGNESIUM	UG/L	21900.00		25300.00		21600.00		22700.00	
MANGANESE	UG/L	194.00		216.00		163.00		96.50	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	17.40	U	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	9670.00		10300.00		9300.00		8860.00	
SELENIUM	UG/L	2.70	J	2.00	U	2.00	UJ	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	34100.00	J	35200.00	J	31000.00	J	29700.00	
THALLIUM	UG/L	1.30	UJ	2.00	U	1.00	U	2.00	U
VANADIUM	UG/L	4.70	U	3.00	U	3.00	U	10.00	U
ZINC	UG/L	2.00	U	5.00	B	2.00	UJ	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S31-E10D,MW-15

Parameter	Units	Round 1 B0004D Conc.	Qual.	Round 2 B000G1 Conc.	Qual.	Round 3 B00CN8 Conc.	Qual.	Round 4 B00B58 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	76.60	U	115.00	U	49.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	4.20	J	3.80	B	3.40	B	2.50	B
BARIUM	UG/L	83.00	B	82.80	B	81.00	B	74.10	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.40	UJ	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	84500.00		84800.00		91300.00		81500.00	
CHROMIUM	UG/L	6.90	U	5.00	UJ	4.20	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	3.20	U	5.60	B	5.00	U
IRON	UG/L	154.00	J	15.00	UJ	161.00		25.00	U
LEAD	UG/L	1.00	U	2.00	U	2.00	UJ	3.00	U
MAGNESIUM	UG/L	17700.00		17300.00	J	19000.00		17200.00	
MANGANESE	UG/L	30.60		7.00	B	2.00	B	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	7760.00		7430.00		7890.00		7450.00	
SELENIUM	UG/L	2.00	U	2.00	U	2.00	UJ	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	27700.00		27100.00	J	26900.00	J	25100.00	
THALLIUM	UG/L	2.60	UJ	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	8.10	U	4.10	B	6.40	B	11.10	B
ZINC	UG/L	11.00	U	5.40	B	2.00	UJ	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S41-E13C,MW17

Parameter	Units	Round 1 B0038D Conc.	Qual.	Round 2 B000L2 Conc.	Qual.	Round 3 B00CS4 Conc.	Qual.	Round 4 B000C2 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	276.00		121.00	U	92.30	U	21.60	B
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	2.50	B	2.00	U	2.90	B	2.30	J
BARIUM	UG/L	21.00	J	18.00	B	18.50	B	18.50	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	24300.00		26700.00		24400.00		22800.00	
CHROMIUM	UG/L	8.30	U	5.00	U	35.30		10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	2.00	U	3.00	U	4.00	U
IRON	UG/L	412.00		23.20	U	114.00		18.10	U
LEAD	UG/L	2.30	UJ	10.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	5340.00		5600.00		5240.00		5280.00	
MANGANESE	UG/L	68.20		102.00		98.90		90.80	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	10.00	U
POTASSIUM	UG/L	3490.00	B	4110.00	U	3470.00	B	3700.00	B
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	17500.00	J	20900.00	J	17900.00		15700.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	U
VANADIUM	UG/L	2.60	U	3.70	B	3.00	U	5.00	U
ZINC	UG/L	3.50	U	18.30	U	2.00	U	1.30	B
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S31-E13

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y4 Conc.	Round 2 Qual.	Round 3 B00CW2 Conc.	Round 3 Qual.	Round 4 B00D47 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	107.00	U	102.00	U	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	-	NR	4.80	B	2.60	B	2.20	B
BARIUM	UG/L	-	NR	79.00	B	71.50	B	71.40	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	-	NR	81700.00		76500.00		78100.00	
CHROMIUM	UG/L	-	NR	5.00	U	19.30		10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	3.00	U	5.00	U
IRON	UG/L	-	NR	48.60	U	133.00		321.00	
LEAD	UG/L	-	NR	20.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	16700.00	J	15600.00		15800.00	
MANGANESE	UG/L	-	NR	2.10	U	12.30	B	29.30	
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	-	NR	6640.00		6450.00		6830.00	
SELENIUM	UG/L	-	NR	2.00	U	2.00	UJ	3.00	UJ
SILVER	UG/L	-	NR	3.00	U	4.00	U	10.00	
SODIUM	UG/L	-	NR	17000.00	J	15800.00		13700.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	5.80	B	4.30	B	10.00	U
ZINC	UG/L	-	NR	3.00	U	8.30	U	17.80	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S32-E13A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X6 Conc.	Round 2 Qual.	Round 3 B00CX4 Conc.	Round 3 Qual.	Round 4 B00D43 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	106.00	U	65.10	U	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	-	NR	2.30	B	3.30	J	2.80	B
BARIUM	UG/L	-	NR	70.90	B	80.70	B	80.00	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	-	NR	68500.00		83500.00		85800.00	
CHROMIUM	UG/L	-	NR	5.00	U	18.90		10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	3.00	U	5.30	B
IRON	UG/L	-	NR	55.50	U	72.00	U	65.50	B
LEAD	UG/L	-	NR	20.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	15400.00	J	16200.00		16300.00	
MANGANESE	UG/L	-	NR	5.80	B	2.10	B	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	-	NR	5990.00		6590.00		7320.00	
SELENIUM	UG/L	-	NR	2.00	U	2.00	UJ	3.00	UJ
SILVER	UG/L	-	NR	3.00	U	4.00	U	11.70	
SODIUM	UG/L	-	NR	16800.00	J	14600.00		13300.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	3.90	B	5.90	B	10.10	B
ZINC	UG/L	-	NR	17.00	U	8.90	U	14.80	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S37-E14

Parameter	Units	Round 1 B0053D Conc.	Qual.	Round 2 B000M7 Conc.	Qual.	Round 3 B00CW6 Conc.	Qual.	Round 4 B00D90 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	97.60	U	113.00	U	54.20	B	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	3.10	U	2.00	U	2.00	U	2.00	UJ
BARIUM	UG/L	10.50	B	16.10	B	42.70	B	15.00	U
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	26400.00		25700.00		39700.00		22500.00	
CHROMIUM	UG/L	2.00	U	5.00	U	10.80		10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.20	B	2.60	B	3.00	U	5.00	U
IRON	UG/L	6.00	U	15.00	U	13.00	U	37.40	B
LEAD	UG/L	2.00	U	2.00	U	25.30		3.00	U
MAGNESIUM	UG/L	5020.00		4530.00	B	8660.00		4130.00	B
MANGANESE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	1840.00	B	2090.00	U	4830.00	B	2450.00	U
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	3510.00	J	15700.00	J	12800.00	J	2680.00	B
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	4.30	U	3.30	B	10.00	B	10.00	U
ZINC	UG/L	2.00	U	35.40	U	2.00	UJ	23.90	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S40-E14

Parameter	Units	Round 1 B00480 Conc.	Qual.	Round 2 B009U6 Conc.	Qual.	Round 3 B00CX0 Conc.	Qual.	Round 4 B000D4 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	81.10	U	111.00	U	111.00	U	20.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	1.90	U	2.00	U	2.00	U	1.60	UJ
BARIUM	UG/L	8.70	B	7.40	B	10.60	B	9.10	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	23500.00		22300.00		21200.00		19200.00	
CHROMIUM	UG/L	2.00	U	5.00	U	9.40	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	2.00	U	3.00	U	4.00	U
IRON	UG/L	6.00	U	15.00	U	35.50	U	10.30	U
LEAD	UG/L	2.00	U	2.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	4830.00	B	4470.00	B	4390.00	B	4150.00	B
MANGANESE	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	13.50	U	15.00	U	21.00	U	10.00	U
POTASSIUM	UG/L	733.00	UJ	717.00	U	985.00	B	850.00	J
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	2440.00	J	2700.00	J	2620.00	J	2080.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	UJ
VANADIUM	UG/L	2.80	U	3.00	U	3.00	U	5.00	U
ZINC	UG/L	2.00	U	28.70	U	2.00	U	2.60	B
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S41-E13A

Parameter	Units	Round 1 B0057D Conc.	Qual.	Round 2 B000L8 Conc.	Qual.	Round 3 B00CS8 Conc.	Qual.	Round 4 B000B4 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	91.40	U	89.30	U	88.80	U	40.50	B
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	4.80	U	2.00	U	4.20	B	3.80	J
BARIUM	UG/L	20.40	B	31.60	B	15.90	B	17.80	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	30600.00		42500.00		25700.00		24400.00	
CHROMIUM	UG/L	2.00	U	5.00	U	39.60		10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.70	B	5.00	U
COPPER	UG/L	3.20	B	2.00	U	3.00	U	4.00	U
IRON	UG/L	13.50	U	59.60	U	151.00		22.40	U
LEAD	UG/L	2.00	U	2.00	UJ	2.00	U	1.50	U
MAGNESIUM	UG/L	5680.00		8430.00		5290.00		5390.00	
MANGANESE	UG/L	1.50	B	1.90	B	3.40	B	1.10	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	21.80	B	21.00	U	10.00	U
POTASSIUM	UG/L	3880.00	B	4150.00	U	3410.00	B	3600.00	B
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	6190.00	J	7420.00	J	4720.00	J	4440.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	U
VANADIUM	UG/L	10.40	U	6.60	B	7.40	B	6.90	B
ZINC	UG/L	2.00	U	16.10	U	2.00	U	1.80	B
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S41-E13B

Parameter	Units	Round 1 B0044D Conc.	Qual.	Round 2 B000M2 Conc.	Qual.	Round 3 B00CT2 Conc.	Qual.	Round 4 B00DB8 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	98.90	U	87.00	U	99.90	U	24.80	B
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	4.50	B	3.50	B	5.30	B	4.60	J
BARIUM	UG/L	50.70	J	58.20	B	51.60	B	52.20	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	4.00	B	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	54400.00		67000.00		58500.00		58900.00	
CHROMIUM	UG/L	2.50	U	5.00	U	10.60		10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	2.00	U	3.00	U	4.00	U
IRON	UG/L	42.80	B	18.90	U	24.90	U	15.30	U
LEAD	UG/L	2.00	UJ	10.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	11700.00		14000.00		12400.00		12500.00	
MANGANESE	UG/L	9.70	B	21.50		9.20	B	11.30	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	10.90	U	15.00	U	21.00	U	10.00	U
POTASSIUM	UG/L	5310.00		5890.00		5840.00		5960.00	
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	15400.00	J	19400.00	J	15800.00		15300.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	U
VANADIUM	UG/L	8.90	B	6.40	B	7.10	B	5.80	B
ZINC	UG/L	3.30	U	21.50	U	2.00	U	6.00	B
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S43-E12

Parameter	Units	Round 1 B0055D Conc.	Qual.	Round 2 B000K7 Conc.	Qual.	Round 3 B00CS0 Conc.	Qual.	Round 4 B00D99 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	120.00	U	107.00	U	49.00	U	40.50	B
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	3.70	U	3.70	B	4.10	B	3.00	J
BARIUM	UG/L	42.50	B	65.60	B	12.50	B	49.90	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	63200.00		98700.00		23200.00		77600.00	
CHROMIUM	UG/L	3.50	U	5.00	U	6.40	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	4.30	B	7.70	B	5.60	B	4.00	U
IRON	UG/L	16.10	U	15.00	U	13.00	U	26.90	U
LEAD	UG/L	2.00	U	10.00	U	5.00		1.50	U
MAGNESIUM	UG/L	12500.00		19100.00		4530.00	B	14900.00	
MANGANESE	UG/L	1.50	B	4.40	U	1.00	U	1.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	20.80	B	21.00	U	10.30	B
POTASSIUM	UG/L	6990.00		8680.00		2290.00	UJ	7910.00	
SELENIUM	UG/L	1.00	U	2.00	U	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	20100.00	J	25100.00	J	4690.00	J	21400.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	UJ
VANADIUM	UG/L	13.10	U	10.10	B	3.90	B	8.80	B
ZINC	UG/L	2.00	U	25.90		2.00	UJ	28.00	
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

RWF-WEST

Parameter	Units	Round 1 B0059D Conc.	Qual.	Round 2 B00B13 Conc.	Qual.	Round 3 B00D11 Conc.	Qual.	Round 4 B00DF2 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	93.20	U	102.00	U	118.00	U	32.90	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	50.00	U
ARSENIC	UG/L	2.70	U	2.00	U	2.10	B	1.60	UJ
BARIUM	UG/L	10.50	B	11.10	B	13.20	B	10.40	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	3.10	U
CALCIUM	UG/L	22600.00		24600.00		21100.00		19200.00	
CHROMIUM	UG/L	5.80	U	5.00	U	5.60	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	3.20	B	12.80	B	26.20		18.80	U
IRON	UG/L	33.80	U	15.00	U	49.00	U	4.00	U
LEAD	UG/L	5.00		2.00	U	3.00	U	1.50	U
MAGNESIUM	UG/L	4670.00	B	5050.00		4510.00	B	4050.00	B
MANGANESE	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	14.50	U	15.00	U	20.00	U	10.00	U
POTASSIUM	UG/L	760.00	UJ	874.00	U	1030.00	B	1090.00	J
SELENIUM	UG/L	1.40	U	2.00	U	3.00	U	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	6.00	U
SODIUM	UG/L	2750.00	J	2960.00	J	2920.00	J	2130.00	B
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	UJ
VANADIUM	UG/L	2.10	U	3.00	U	2.00	U	5.00	U
ZINC	UG/L	29.10		24.40	U	5.10	B	8.20	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

RWF-EAST

Parameter	Units	Round 1 B00610 Conc.	Qual.	Round 2 B00809 Conc.	Qual.	Round 3 B00007 Conc.	Qual.	Round 4 B00008 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	122.00	U	86.90	U	99.60	U	39.10	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	50.00	U
ARSENIC	UG/L	3.00	U	2.00	U	3.30	B	1.60	UJ
BARIUM	UG/L	12.80	B	9.90	B	15.80	B	9.10	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	3.20	U
CALCIUM	UG/L	25100.00		25400.00		22900.00		20400.00	
CHROMIUM	UG/L	2.00	U	5.00	U	7.90	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	3.20	B	23.90	B	71.90		44.60	
IRON	UG/L	51.60	U	15.00	U	49.00	U	10.10	U
LEAD	UG/L	3.30		2.00	U	3.00	U	1.50	U
MAGNESIUM	UG/L	4930.00	B	5060.00		4350.00	B	4050.00	B
MANGANESE	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	15.00	U	20.00	U	10.00	U
POTASSIUM	UG/L	1020.00	UJ	619.00	U	1330.00	B	1040.00	J
SELENIUM	UG/L	1.90	U	2.00	UJ	3.00	U	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	6.00	U
SODIUM	UG/L	2790.00	J	2850.00	J	3020.00	J	2150.00	B
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	U
VANADIUM	UG/L	2.80	U	3.00	U	2.00	U	5.00	U
ZINC	UG/L	7.00	U	24.30	U	21.60		9.30	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

Parameter	Units	Round 1		Round 2 A4681D		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	147.00	U	-	NR	-	NR
ANTIMONY	UG/L	-	NR	32.00	U	-	NR	-	NR
ARSENIC	UG/L	-	NR	4.70	J	-	NR	-	NR
BARIUM	UG/L	-	NR	185.00	J	-	NR	-	NR
BERYLLIUM	UG/L	-	NR	1.00	U	-	NR	-	NR
CADMIUM	UG/L	-	NR	2.00	U	-	NR	-	NR
CALCIUM	UG/L	-	NR	95800.00		-	NR	-	NR
CHROMIUM	UG/L	-	NR	4.00	U	-	NR	-	NR
COBALT	UG/L	-	NR	8.00	U	-	NR	-	NR
COPPER	UG/L	-	NR	11.70	U	-	NR	-	NR
IRON	UG/L	-	NR	7.00		-	NR	-	NR
LEAD	UG/L	-	NR	2.20		-	NR	-	NR
MAGNESIUM	UG/L	-	NR	24200.00		-	NR	-	NR
MANGANESE	UG/L	-	NR	1.00	U	-	NR	-	NR
MERCURY	UG/L	-	NR	0.20	U	-	NR	-	NR
NICKEL	UG/L	-	NR	22.90	U	-	NR	-	NR
POTASSIUM	UG/L	-	NR	17800.00	J	-	NR	-	NR
SELENIUM	UG/L	-	NR	2.00	U	-	NR	-	NR
SILVER	UG/L	-	NR	7.10	U	-	NR	-	NR
SODIUM	UG/L	-	NR	41100.00	J	-	NR	-	NR
THALLIUM	UG/L	-	NR	3.00	U	-	NR	-	NR
VANADIUM	UG/L	-	NR	33.40	U	-	NR	-	NR
ZINC	UG/L	-	NR	92.80		-	NR	-	NR
CYANIDE	UG/L	-	NR	10.00	U	-	NR	-	NR

Parameter	Units	Round 1		Round 2 A46820		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	105.00	U	-	NR	-	NR
ANTIMONY	UG/L	-	NR	32.00	U	-	NR	-	NR
ARSENIC	UG/L	-	NR	4.80	J	-	NR	-	NR
BARIUM	UG/L	-	NR	106.00	J	-	NR	-	NR
BERYLLIUM	UG/L	-	NR	1.00	U	-	NR	-	NR
CADMIUM	UG/L	-	NR	2.00	U	-	NR	-	NR
CALCIUM	UG/L	-	NR	55700.00		-	NR	-	NR
CHROMIUM	UG/L	-	NR	4.00	U	-	NR	-	NR
COBALT	UG/L	-	NR	21.20	U	-	NR	-	NR
COPPER	UG/L	-	NR	10.40	U	-	NR	-	NR
IRON	UG/L	-	NR	5.00	U	-	NR	-	NR
LEAD	UG/L	-	NR	1.00	U	-	NR	-	NR
MAGNESIUM	UG/L	-	NR	17000.00		-	NR	-	NR
MANGANESE	UG/L	-	NR	1.00	U	-	NR	-	NR
MERCURY	UG/L	-	NR	1.50	R	-	NR	-	NR
NICKEL	UG/L	-	NR	16.00	U	-	NR	-	NR
POTASSIUM	UG/L	-	NR	14200.00	J	-	NR	-	NR
SELENIUM	UG/L	-	NR	2.00	U	-	NR	-	NR
SILVER	UG/L	-	NR	6.80	U	-	NR	-	NR
SODIUM	UG/L	-	NR	37100.00	J	-	NR	-	NR
THALLIUM	UG/L	-	NR	3.00	U	-	NR	-	NR
VANADIUM	UG/L	-	NR	27.80	U	-	NR	-	NR
ZINC	UG/L	-	NR	72.20		-	NR	-	NR
CYANIDE	UG/L	-	NR	10.00	U	-	NR	-	NR

ANF-16

Parameter	Units	Round 1		Round 2 A4683D		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	90.70	U	-	NR	-	NR
ANTIMONY	UG/L	-	NR	32.00	U	-	NR	-	NR
ARSENIC	UG/L	-	NR	3.00	U	-	NR	-	NR
BARIUM	UG/L	-	NR	77.20	J	-	NR	-	NR
BERYLLIUM	UG/L	-	NR	1.00	U	-	NR	-	NR
CADMIUM	UG/L	-	NR	2.00	U	-	NR	-	NR
CALCIUM	UG/L	-	NR	50600.00		-	NR	-	NR
CHROMIUM	UG/L	-	NR	4.00	U	-	NR	-	NR
COBALT	UG/L	-	NR	11.70	U	-	NR	-	NR
COPPER	UG/L	-	NR	15.20	U	-	NR	-	NR
IRON	UG/L	-	NR	2300.00		-	NR	-	NR
LEAD	UG/L	-	NR	1.00	U	-	NR	-	NR
MAGNESIUM	UG/L	-	NR	14600.00		-	NR	-	NR
MANGANESE	UG/L	-	NR	126.00		-	NR	-	NR
MERCURY	UG/L	-	NR	0.20	U	-	NR	-	NR
NICKEL	UG/L	-	NR	10.00	U	-	NR	-	NR
POTASSIUM	UG/L	-	NR	9280.00	J	-	NR	-	NR
SELENIUM	UG/L	-	NR	2.00	U	-	NR	-	NR
SILVER	UG/L	-	NR	12.80	U	-	NR	-	NR
SODIUM	UG/L	-	NR	19100.00	J	-	NR	-	NR
THALLIUM	UG/L	-	NR	3.00	U	-	NR	-	NR
VANADIUM	UG/L	-	NR	31.80	U	-	NR	-	NR
ZINC	UG/L	-	NR	55.40		-	NR	-	NR
CYANIDE	UG/L	-	NR	10.00	U	-	NR	-	NR

Appendix A-4

Conventional Parameter Results

Appendix A-4 Conventional Parameter Results

6-S41-E11, MW-1
6-S34-E10, MW-2
6-S41-E12, MW-3
6-S38-E12A, MW-4
6-S38-E12B, MW-5
6-S37-E11, MW-6
6-S38-E11, MW-7
6-S31-E8, MW-8
6-S32-E8, MW-9
6-S30-E10A, MW-10
6-S30-E10B, MW-11
6-S31-E10A, MW-12
6-S31-E10B, MW-13
6-S31-E10C, MW-14
6-S31-E10D, MW-15
6-S41-E13C, MW-17
6-S27-E14
6-S29-E12
6-S30-E15A
6-S31-E13
6-S32-E13A
6-S37-E14
6-S40-E14
6-S41-E13A
6-S41-E13B
6-S43-E12
RWF-WEST
RWF-EAST
ANF-14
ANF-15
ANF-16

6-S41-E11,MW-1

Parameter	Units	Round 1 B00024 Conc.	Qual.	Round 2 B000G9 Conc.	Qual.	Round 3 B00CP9 Conc.	Qual.	Round 4 B000C5 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	261.00		200.00		209.00		205.00	
AMMONIA AS N	MG/L	0.05	UC	3.90		0.02	U	0.20	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20		1.00	U
CHLORIDE	MG/L	58.00		28.40		41.30		52.00	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	8.50	J	5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	720.00		536.00		650.00		650.00	
FLUORIDE	MG/L	0.50	U	0.30		0.30	J	0.30	
NITRATE	MG/L	9.80		17.28	C	19.94	C	34.00	J
NITRITE	MG/L	1.00	U	-	NR	-	NR	1.00	UJ
FIELD PH	SU	7.86		7.91		8.04		7.85	
TEMPERATURE	C	16.10		16.90		18.10		16.50	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	1.00	U
SULFATE	MG/L	29.80		26.60		27.20		28.00	
TOTAL DISSOLVED SOLIDS	MG/L	391.00		370.00		360.00		366.00	

6-S34-E10,MW-2

Parameter	Units	Round 1 B00034 Conc.	Qual.	Round 2 B000G4 Conc.	Qual.	Round 3 B00CP1 Conc.	Qual.	Round 4 B00D78 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	145.00		140.00		140.00		143.00	
AMMONIA AS N	MG/L	0.05	UC	0.04	J	0.02	U	0.05	
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	10.50		9.80		10.50		10.30	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	9.00	J	5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	440.00		356.00		970.00		430.00	
FLUORIDE	MG/L	0.50	U	0.40		0.40	J	0.42	
NITRATE	MG/L	15.40		10.63	C	14.62	C	14.66	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.90		8.26		7.80		7.83	
TEMPERATURE	C	15.50		17.90		17.00		16.10	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	0.10	UJ
SULFATE	MG/L	37.00		32.10		34.80		35.60	
TOTAL DISSOLVED SOLIDS	MG/L	233.00		280.00		260.00		257.00	

6-S41-E12,MW-3

Parameter	Units	Round 1 B00D65 Conc.	Qual.	Round 2 B000J2 Conc.	Qual.	Round 3 B00CT5 Conc.	Qual.	Round 4 B00DC9 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	303.00		225.00		319.00		296.00	
AMMONIA AS N	MG/L	0.06	C	0.02	UJ	0.02	U	0.20	U
BROMIDE	MG/L	1.00	U	0.20		0.30		1.00	U
CHLORIDE	MG/L	173.00		127.30		143.50		165.00	
CHEMICAL OXYGEN DEMAND	MG/L	15.00	U	13.00	J	6.00		7.00	
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	1280.00		1100.00		1100.00		1220.00	
FLUORIDE	MG/L	0.50	U	0.10	U	0.50	J	0.10	
NITRATE	MG/L	15.80		6.65	C	11.96	C	20.00	UJ
NITRITE	MG/L	1.00	U	-	NR	-	NR	20.00	UJ
FIELD PH	SU	7.28		7.46		7.10		7.28	
TEMPERATURE	C	16.90		19.70		18.40		17.50	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.80	U	1.00	U
SULFATE	MG/L	32.20		25.60		28.90		41.00	
TOTAL DISSOLVED SOLIDS	MG/L	648.00		695.00		690.00		726.00	

6-S30-E10A,MW-10

Parameter	Units	Round 1 B00160 Conc.	Qual.	Round 2 B00079 Conc.	Qual.	Round 3 B00805 Conc.	Qual.	Round 4 B00028 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	166.00	B	136.00	U	102.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	1.00	U	2.10	B	2.60	B	3.30	B
BARIUM	UG/L	108.00	B	96.70	B	90.40	B	84.20	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	90600.00		96200.00		93400.00		92100.00	
CHROMIUM	UG/L	7.10	U	5.00	U	5.00	U	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	2.70	B	6.00	U	5.00	U
IRON	UG/L	260.00		18.20	U	49.00	U	25.00	U
LEAD	UG/L	1.50	B	2.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	20000.00		20300.00		19800.00		19600.00	
MANGANESE	UG/L	232.00		27.70		5.20	B	8.40	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	J	0.20	U
NICKEL	UG/L	7.00	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	9030.00		9140.00		8200.00		8120.00	
SELENIUM	UG/L	2.20	B	2.00	U	4.70	U	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	29400.00	J	30200.00	J	31000.00		28200.00	
THALLIUM	UG/L	1.00	U	2.00	U	5.00	UJ	2.00	U
VANADIUM	UG/L	4.00	U	5.50	U	2.40	B	10.00	U
ZINC	UG/L	3.60	B	2.00	U	3.00	U	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S30-E108,MW-11

Parameter	Units	Round 1 B00130 Conc.	Qual.	Round 2 B00084 Conc.	Qual.	Round 3 B00828 Conc.	Qual.	Round 4 B00036 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	112.00	U	135.00	U	111.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	1.00	U	2.00	U	2.00	UJ	2.10	B
BARIUM	UG/L	97.70	B	97.30	B	90.40	B	88.10	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	3.30	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	88900.00		96700.00		96900.00		101000.00	
CHROMIUM	UG/L	9.80	U	5.00	U	5.00	U	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	2.00	U	6.00	U	5.00	U
IRON	UG/L	74.30	B	34.60	U	49.00	U	25.00	U
LEAD	UG/L	1.00	U	2.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	18500.00		21200.00		22000.00		21900.00	
MANGANESE	UG/L	181.00		160.00		167.00		96.10	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	13.60	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	9310.00		9970.00		9320.00		9020.00	
SELENIUM	UG/L	2.00	U	2.00	U	3.00	U	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	31300.00	J	32700.00	J	32400.00		30800.00	
THALLIUM	UG/L	1.70	UJ	2.00	U	5.00	U	2.00	UJ
VANADIUM	UG/L	4.80	U	4.00	U	3.40	B	10.00	U
ZINC	UG/L	2.00	U	3.70	B	3.00	U	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S31-E10A,MW-12

Parameter	Units	Round 1 B00500 Conc.	Qual.	Round 2 B00088 Conc.	Qual.	Round 3 B00832 Conc.	Qual.	Round 4 B00848 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	122.00	U	110.00	U	49.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	1.40	J	2.70	B	3.30	B	3.70	B
BARIUM	UG/L	109.00	J	111.00	B	111.00	B	105.00	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	109000.00		116000.00		116000.00		106000.00	
CHROMIUM	UG/L	6.10	U	5.00	U	4.00	U	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.40	B	10.00	U
COPPER	UG/L	2.00	U	2.00	U	4.70	B	5.00	U
IRON	UG/L	31.10	B	45.50	U	13.00	U	44.40	B
LEAD	UG/L	3.00	UJ	2.00	U	2.00	UJ	3.00	U
MAGNESIUM	UG/L	23200.00		23900.00		24200.00		22400.00	
MANGANESE	UG/L	158.00		36.80		5.20	B	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	15.90	U	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	8890.00		8910.00		8600.00		8480.00	
SELENIUM	UG/L	1.00	U	2.00	U	2.00	U	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	31600.00		32900.00	J	31800.00	J	30500.00	
THALLIUM	UG/L	1.10	U	2.00	U	1.00	U	2.00	U
VANADIUM	UG/L	4.80	U	6.40	U	5.80	B	10.00	U
ZINC	UG/L	2.00	U	2.00	U	2.00	UJ	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S31-E108,MW-13

Parameter	Units	Round 1 B00100 Conc.	Qual.	Round 2 B00096 Conc.	Qual.	Round 3 B00B40 Conc.	Qual.	Round 4 B00B50 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	69.60	U	94.10	U	49.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	2.20	U	3.30	B	3.60	B	5.10	B
BARIUM	UG/L	101.00	B	97.90	B	97.90	B	94.60	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	101000.00		104000.00		104000.00		100000.00	
CHROMIUM	UG/L	5.40	U	5.00	U	7.70	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	B	2.60	B	3.70	B	5.00	U
IRON	UG/L	49.60	B	24.50	U	13.00	U	25.00	U
LEAD	UG/L	1.00	U	2.00	U	2.00	UJ	3.00	U
MAGNESIUM	UG/L	20700.00		21900.00		21700.00		21500.00	
MANGANESE	UG/L	86.90		96.80		21.80		9.00	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	30.00	U	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	8380.00		8510.00		8360.00		8120.00	
SELENIUM	UG/L	2.30	J	2.00	U	2.00	UJ	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	30400.00	J	30500.00	J	29700.00	J	29200.00	
THALLIUM	UG/L	1.30	U	2.00	UJ	1.00	U	2.00	U
VANADIUM	UG/L	7.50	U	6.00	U	5.90	B	10.00	U
ZINC	UG/L	2.00	U	2.00	U	2.00	UJ	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S31-E10C,MW-14

Parameter	Units	Round 1 B0007D Conc.	Qual.	Round 2 B000F5 Conc.	Qual.	Round 3 B00B44 Conc.	Qual.	Round 4 B00B54 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	83.80	U	125.00	U	49.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	1.00	U	2.00	U	2.00	U	2.00	B
BARIUM	UG/L	102.00	B	105.00	B	86.60	B	86.30	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.20	U	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	105000.00		114000.00		102000.00		107000.00	
CHROMIUM	UG/L	3.40	U	7.90	B	4.00	U	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	8.00	B	6.10	B	5.60	B	5.00	U
IRON	UG/L	34.40	B	36.90	U	13.00	U	25.90	B
LEAD	UG/L	1.00	U	2.00	U	2.00	UJ	3.00	U
MAGNESIUM	UG/L	21900.00		25300.00		21600.00		22700.00	
MANGANESE	UG/L	194.00		216.00		163.00		96.50	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	17.40	U	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	9670.00		10300.00		9300.00		8860.00	
SELENIUM	UG/L	2.70	J	2.00	U	2.00	UJ	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	34100.00	J	35200.00	J	31000.00	J	29700.00	
THALLIUM	UG/L	1.30	UJ	2.00	U	1.00	U	2.00	U
VANADIUM	UG/L	4.70	U	3.00	U	3.00	U	10.00	U
ZINC	UG/L	2.00	U	5.00	B	2.00	UJ	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S31-E100,MW-15

Parameter	Units	Round 1 B0004D Conc.	Qual.	Round 2 B000G1 Conc.	Qual.	Round 3 B00CN8 Conc.	Qual.	Round 4 B00858 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	76.60	U	115.00	U	49.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	4.20	J	3.80	B	3.40	B	2.50	B
BARIUM	UG/L	83.00	B	82.80	B	81.00	B	74.10	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.40	UJ	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	84500.00		84800.00		91300.00		81500.00	
CHROMIUM	UG/L	6.90	U	5.00	UJ	4.20	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	3.20	U	5.60	B	5.00	U
IRON	UG/L	154.00	J	15.00	UJ	161.00		25.00	U
LEAD	UG/L	1.00	U	2.00	U	2.00	UJ	3.00	U
MAGNESIUM	UG/L	17700.00		17300.00	J	19000.00		17200.00	
MANGANESE	UG/L	30.60		7.00	B	2.00	B	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	7760.00		7430.00		7890.00		7450.00	
SELENIUM	UG/L	2.00	U	2.00	U	2.00	UJ	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	27700.00		27100.00	J	26900.00	J	25100.00	
THALLIUM	UG/L	2.60	UJ	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	8.10	U	4.10	B	6.40	B	11.10	B
ZINC	UG/L	11.00	U	5.40	B	2.00	UJ	8.00	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S41-E13C,MW17

Parameter	Units	Round 1 B0038D Conc.	Qual.	Round 2 B000L2 Conc.	Qual.	Round 3 B00CS4 Conc.	Qual.	Round 4 B00DC2 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	276.00		121.00	U	92.30	U	21.60	B
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	2.50	B	2.00	U	2.90	B	2.30	J
BARIUM	UG/L	21.00	J	18.00	B	18.50	B	18.50	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	24300.00		26700.00		24400.00		22800.00	
CHROMIUM	UG/L	8.30	U	5.00	U	35.30		10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	2.00	U	3.00	U	4.00	U
IRON	UG/L	412.00		23.20	U	114.00		18.10	U
LEAD	UG/L	2.30	UJ	10.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	5340.00		5600.00		5240.00		5280.00	
MANGANESE	UG/L	68.20		102.00		98.90		90.80	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	10.00	U
POTASSIUM	UG/L	3490.00	B	4110.00	U	3470.00	B	3700.00	B
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	17500.00	J	20900.00	J	17900.00		15700.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	U
VANADIUM	UG/L	2.60	U	3.70	B	3.00	U	5.00	U
ZINC	UG/L	3.50	U	18.30	U	2.00	U	1.30	B
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S27-E14

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B00922 Conc.	Round 2 Qual.	Round 3 B00CX8 Conc.	Round 3 Qual.	Round 4 B00D59 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	65.50	U	88.60	U	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	-	NR	6.00	B	5.00	B	4.40	BJ
BARIUM	UG/L	-	NR	48.30	B	50.80	B	44.40	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	-	NR	54000.00		56200.00		51200.00	
CHROMIUM	UG/L	-	NR	5.00	U	5.00	U	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	6.00	U	5.00	U
IRON	UG/L	-	NR	15.20	U	49.00	U	25.00	U
LEAD	UG/L	-	NR	2.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	10500.00	J	11500.00		10200.00	
MANGANESE	UG/L	-	NR	1.00	U	2.00	U	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	-	NR	6030.00		6040.00		6040.00	
SELENIUM	UG/L	-	NR	2.00	U	3.00	U	3.00	UJ
SILVER	UG/L	-	NR	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	-	NR	21400.00	J	23100.00		20500.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	UJ	2.00	U
VANADIUM	UG/L	-	NR	8.10	B	6.60	B	10.00	U
ZINC	UG/L	-	NR	2.50	U	3.00	U	9.90	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S29-E12

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y0 Conc.	Round 2 Qual.	Round 3 B00CV8 Conc.	Round 3 Qual.	Round 4 B00D55 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	112.00	U	97.10	U	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	-	NR	5.40	B	5.70	B	5.80	
BARIUM	UG/L	-	NR	50.20	B	44.90	B	42.50	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	-	NR	53800.00		48000.00		45600.00	
CHROMIUM	UG/L	-	NR	5.00	U	5.60	B	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	6.00	U	5.00	U
IRON	UG/L	-	NR	18.70	U	77.80	B	25.00	U
LEAD	UG/L	-	NR	20.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	11300.00	J	9980.00		9280.00	
MANGANESE	UG/L	-	NR	4.10	U	2.00	U	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	-	NR	6160.00		5450.00		6090.00	
SELENIUM	UG/L	-	NR	2.20	J	3.00	U	3.00	UJ
SILVER	UG/L	-	NR	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	-	NR	24800.00	J	23200.00		19900.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	9.10	B	6.70	B	11.60	B
ZINC	UG/L	-	NR	22.80	U	9.90	B	11.50	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-S30-E15A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y8 Conc.	Round 2 Qual.	Round 3 B00CV0 Conc.	Round 3 Qual.	Round 4 B00D51 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	86.00	U	89.30	U	32.90	U
ANTIMONY	UG/L	-	NR	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	-	NR	2.60	B	3.30	B	2.60	B
BARIUM	UG/L	-	NR	60.20	B	55.60	B	59.50	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	-	NR	69200.00		64500.00		69700.00	
CHROMIUM	UG/L	-	NR	5.00	U	7.70	B	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	3.00	U	5.00	U
IRON	UG/L	-	NR	21.10	U	28.90	U	47.10	B
LEAD	UG/L	-	NR	2.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	13000.00	J	12100.00		13000.00	
MANGANESE	UG/L	-	NR	1.80	U	1.00	U	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	-	NR	6390.00		6030.00		6530.00	
SELENIUM	UG/L	-	NR	2.00	UJ	2.00	UJ	3.00	UJ
SILVER	UG/L	-	NR	3.00	U	4.00	U	10.00	
SODIUM	UG/L	-	NR	13700.00	J	12900.00		11700.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	6.50	B	5.00	B	10.10	B
ZINC	UG/L	-	NR	44.10	U	25.20		38.80	U
CYANIDE	UG/L	-	NR	-	NR	-	NR	-	NR

6-538-E12A,MW-4

Parameter	Units	Round 1 B00027 Conc.	Qual.	Round 2 B000J8 Conc.	Qual.	Round 3 B00CR1 Conc.	Qual.	Round 4 B00D62 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	133.00		129.00		134.00		133.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	U	0.02	U	0.05	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	6.50		6.00		8.50		7.05	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	330.00		315.00		360.00		315.00	
FLUORIDE	MG/L	0.50	U	0.20		0.30	J	0.21	
NITRATE	MG/L	7.20		7.09	C	7.97	C	6.65	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	8.05		8.30		8.25		8.28	
TEMPERATURE	C	15.60		17.00		17.50		16.10	
PHOSPHATE	MG/L	1.00	U	0.60	U	0.70	U	0.10	UJ
SULFATE	MG/L	16.30		17.50		16.80		15.60	
TOTAL DISSOLVED SOLIDS	MG/L	178.00		190.00		220.00		212.00	

6-S38-E12B,MW-5

Parameter	Units	Round 1 B00030 Conc.	Qual.	Round 2 B000K2 Conc.	Qual.	Round 3 B00CR5 Conc.	Qual.	Round 4 B00D66 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	132.00		107.00		126.00		126.00	
AMMONIA AS N	MG/L	0.05	UC	0.03		0.02	U	0.05	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	6.80		5.60		5.60		6.08	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	350.00		276.00		320.00		330.00	
FLUORIDE	MG/L	0.50	U	0.30		0.30	J	0.28	
NITRATE	MG/L	8.30		6.65	C	7.09	C	7.31	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	8.17		8.23		8.35		7.97	
TEMPERATURE	C	15.40		17.20		17.20		16.00	
PHOSPHATE	MG/L	1.00	U	0.60	U	0.70	U	0.10	UJ
SULFATE	MG/L	20.50		18.70		18.20		18.10	
TOTAL DISSOLVED SOLIDS	MG/L	187.00		260.00		210.00		201.00	

6-S37-E11,MW-6

Parameter	Units	Round 1 B00022 Conc.	Qual.	Round 2 B000H3 Conc.	Qual.	Round 3 B00C03 Conc.	Qual.	Round 4 B00D74 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	149.00		150.00		140.00		144.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	UJ	0.02	U	0.05	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	8.90		9.30		8.30		8.82	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	7.00	J	5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	400.00		354.00		390.00		380.00	
FLUORIDE	MG/L	0.50	U	0.30		0.30	J	0.31	
NITRATE	MG/L	11.80		11.08	C	10.19	C	9.88	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.94		8.20		8.20		7.92	
TEMPERATURE	C	15.90		17.90		18.00		16.10	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70		0.10	UJ
SULFATE	MG/L	25.40		26.20		22.10		24.30	
TOTAL DISSOLVED SOLIDS	MG/L	201.00		280.00		220.00		235.00	

6-S38-E11,MW-7

Parameter	Units	Round 1 B00020 Conc.	Qual.	Round 2 B000H7 Conc.	Qual.	Round 3 B00CQ7 Conc.	Qual.	Round 4 B00082 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	160.00		160.00		156.00		161.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	UJ	0.02	U	0.05	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	11.30		11.00		11.70		10.80	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	8.00	J	5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	430.00		394.00		460.00		430.00	
FLUORIDE	MG/L	0.50	U	0.30		0.30	J	0.36	
NITRATE	MG/L	10.10		9.30	C	10.19	C	9.35	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	-	NR	8.10		8.13		7.84	
TEMPERATURE	C	15.40		17.00		18.60		16.10	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	0.10	UJ
SULFATE	MG/L	30.00		32.20		32.90		35.10	
TOTAL DISSOLVED SOLIDS	MG/L	239.00		300.00		260.00		274.00	

6-S31-E8,MW-8

Parameter	Units	Round 1 B00002 Conc.	Qual.	Round 2 B00070 Conc.	Qual.	Round 3 B009X2 Conc.	Qual.	Round 4 B00D04 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	172.00		160.00		159.00		162.00	
AMMONIA AS N	MG/L	0.10	C	0.02	U	0.02	U	0.05	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	15.70		15.60		16.60		15.70	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	8.00		5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	-	NR	500.00		500.00		500.00	
FLUORIDE	MG/L	0.50	U	0.30		0.30		0.30	
NITRATE	MG/L	30.60		29.68	JC	32.78	C	31.14	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.95		8.12		8.22		8.31	
TEMPERATURE	C	15.90		16.10		17.00		16.10	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	0.10	UJ
SULFATE	MG/L	28.80		30.30		30.90		31.50	
TOTAL DISSOLVED SOLIDS	MG/L	300.00		340.00		300.00		297.00	

6-S32-E8,MW-9

Parameter	Units	Round 1 B00036 Conc.	Qual.	Round 2 B00074 Conc.	Qual.	Round 3 B00929 Conc.	Qual.	Round 4 B00023 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	94.00		94.00		92.00		92.00	
AMMONIA AS N	MG/L	0.10	C	0.06		0.06		0.09	
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	2.50		2.40		2.20		2.01	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	9.00		5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	250.00		300.00		270.00		220.00	
FLUORIDE	MG/L	0.50	U	0.30		0.30		0.43	
NITRATE	MG/L	0.50	U	0.44	UC	0.44	UC	0.44	UJC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.92		8.48		8.61		8.40	
TEMPERATURE	C	15.50		17.00		18.60		15.90	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	0.10	UJ
SULFATE	MG/L	18.00		29.80		22.40		16.00	
TOTAL DISSOLVED SOLIDS	MG/L	121.00		220.00		180.00		162.00	

6-S30-E10A,MW-10

Parameter	Units	Round 1 B00017 Conc.	Qual.	Round 2 B00078 Conc.	Qual.	Round 3 B00804 Conc.	Qual.	Round 4 B00027 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	163.00		150.00		154.00		152.00	
AMMONIA AS N	MG/L	0.99	C	0.11		0.03		0.05	U
BROMIDE	MG/L	1.00	U	0.20		0.20	U	0.50	U
CHLORIDE	MG/L	16.80		16.90		19.00		19.10	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	9.00		5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	870.00		850.00		940.00		840.00	
FLUORIDE	MG/L	0.50	U	0.30		0.30		0.36	
NITRATE	MG/L	170.00		163.47	C	186.50	C	169.67	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.72		7.90		8.08		7.71	
TEMPERATURE	C	15.50		16.70		17.00		16.10	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	0.10	UJ
SULFATE	MG/L	80.30		78.60		79.20		69.80	
TOTAL DISSOLVED SOLIDS	MG/L	511.00		580.00		590.00		559.00	

6-S30-E10B,MW-11

Parameter	Units	Round 1 B00012 Conc.	Qual.	Round 2 B00083 Conc.	Qual.	Round 3 B00B27 Conc.	Qual.	Round 4 B00035 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	151.00		150.00		147.00		151.00	
AMMONIA AS N	MG/L	1.48	C	0.81		0.65		0.24	
BROMIDE	MG/L	1.00	U	0.20		0.20	U	0.50	U
CHLORIDE	MG/L	16.40		17.20		20.00		18.50	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	10.00		5.00		5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	880.00		880.00		890.00		910.00	
FLUORIDE	MG/L	0.50	U	0.30		0.40		0.29	
NITRATE	MG/L	180.00		179.42	C	211.75	C	206.00	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.97		7.77		8.19		8.06	
TEMPERATURE	C	15.10		16.50		17.20		15.60	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	0.10	UJ
SULFATE	MG/L	88.70		85.30		83.30		75.40	
TOTAL DISSOLVED SOLIDS	MG/L	512.00		580.00		590.00		600.00	

6-S31-E10A,MW-12

Parameter	Units	Round 1 B00051 Conc.	Qual.	Round 2 B00087 Conc.	Qual.	Round 3 B00831 Conc.	Qual.	Round 4 B00845 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	185.00		180.00		170.00		171.00	
AMMONIA AS N	MG/L	0.80	C	0.02	U	0.02	U	0.10	
BROMIDE	MG/L	1.00	U	0.20	U	2.00	U	0.50	U
CHLORIDE	MG/L	15.00		16.00		17.50		16.00	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	9.00		6.00		5.20	
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	990.00		980.00		970.00		950.00	
FLUORIDE	MG/L	0.50	U	0.30		0.40	J	0.33	
NITRATE	MG/L	217.00		217.07	C	251.18	C	225.49	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.53		7.74		7.80		7.78	
TEMPERATURE	C	15.90		17.10		17.00		16.20	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	0.10	UJ
SULFATE	MG/L	82.10		81.70		81.40		79.90	
TOTAL DISSOLVED SOLIDS	MG/L	611.00		660.00		700.00		644.00	

6-S31-E108,MW-13

Parameter	Units	Round 1 B00009 Conc.	Qual.	Round 2 B00095 Conc.	Qual.	Round 3 B00839 Conc.	Qual.	Round 4 B00849 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	177.00		170.00		163.00		167.00	
AMMONIA AS N	MG/L	0.32	C	0.18		0.02	U	0.06	
BROMIDE	MG/L	1.00	U	0.20		2.00	U	0.50	U
CHLORIDE	MG/L	14.90		14.70		15.50		14.40	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	9.00		5.00		6.20	
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	920.00		910.00		890.00		900.00	
FLUORIDE	MG/L	0.50		0.50		0.50	J	0.55	
NITRATE	MG/L	208.00		198.91	C	268.46	C	206.88	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.80		7.89		8.08		7.84	
TEMPERATURE	C	16.40		17.90		18.10		16.30	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70		0.10	UJ
SULFATE	MG/L	76.30		72.80		71.80		74.10	
TOTAL DISSOLVED SOLIDS	MG/L	553.00		620.00		590.00		611.00	

6-S31-E10C,MW-14

Parameter	Units	Round 1 B00006 Conc.	Qual.	Round 2 B00100 Conc.	Qual.	Round 3 B00843 Conc.	Qual.	Round 4 B00853 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	181.00		180.00		167.00		167.00	
AMMONIA AS N	MG/L	1.19	C	0.94		0.38		0.05	U
BROMIDE	MG/L	1.00	U	0.20	U	2.00	U	0.50	U
CHLORIDE	MG/L	15.20		15.50		15.90		15.70	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	14.00		9.00		5.60	
COLIFORM	MPN	1.00	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	930.00		950.00		890.00		920.00	
FLUORIDE	MG/L	0.50	U	0.30		0.40	J	0.37	
NITRATE	MG/L	215.00		225.49	C	270.23	C	221.06	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.93		7.86		8.20		8.33	
TEMPERATURE	C	15.90		17.70		18.00		16.30	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	0.10	UJ
SULFATE	MG/L	85.00		86.80		77.80		82.60	
TOTAL DISSOLVED SOLIDS	MG/L	588.00		700.00		620.00		633.00	

6-S31-E10D,MW-15

Parameter	Units	Round 1 B00003 Conc.	Qual.	Round 2 B000G0 Conc.	Qual.	Round 3 B00CN7 Conc.	Qual.	Round 4 B00B57 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	171.00		160.00		163.00		158.00	
AMMONIA AS N	MG/L	0.08	C	0.03	J	0.02	U	0.05	U
BROMIDE	MG/L	1.00	U	0.20		2.00	U	0.50	U
CHLORIDE	MG/L	15.10		14.60		15.70		14.00	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	5.00	UJ	7.00		5.00	U
COLIFORM	MPN	1.00	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	800.00		696.00		850.00		760.00	
FLUORIDE	MG/L	0.50	U	0.40		0.40	J	0.60	
NITRATE	MG/L	143.00		142.65	C	196.25	C	137.33	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	7.81		7.98		8.08		8.07	
TEMPERATURE	C	16.00		17.50		18.10		16.40	
PHOSPHATE	MG/L	1.00	U	0.50	U	0.70	U	0.10	UJ
SULFATE	MG/L	60.20		59.40		68.70		60.30	
TOTAL DISSOLVED SOLIDS	MG/L	477.00		540.00		560.00		496.00	

6-S41-E13C,MW-17

Parameter	Units	Round 1 B00039 Conc.	Qual.	Round 2 B000L1 Conc.	Qual.	Round 3 B00CS3 Conc.	Qual.	Round 4 B00DC1 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	113.00		110.00		107.00	J	105.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	U	0.02	U	0.20	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	1.00	U
CHLORIDE	MG/L	2.70		2.60		2.80		2.00	
CHEMICAL OXYGEN DEMAND	MG/L	15.00	U	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	280.00		246.00		250.00		260.00	
FLUORIDE	MG/L	0.50	U	0.30		0.30	J	0.20	
NITRATE	MG/L	0.50	U	0.44	UC	0.44	UC	1.00	UJ
NITRITE	MG/L	1.00	U	-	NR	-	NR	1.00	UJ
FIELD PH	SU	7.79		8.23		8.23		8.17	
TEMPERATURE	C	14.80		17.00		16.80		15.60	
PHOSPHATE	MG/L	1.40		2.40		1.40		1.00	U
SULFATE	MG/L	13.80		15.60		14.20		14.00	
TOTAL DISSOLVED SOLIDS	MG/L	150.00		180.00		190.00		166.00	

6-S27-E14

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Z1 Conc.	Round 2 Qual.	Round 3 B00CX7 Conc.	Round 3 Qual.	Round 4 B00D58 Conc.	Round 4 Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	-	NR	149.00		148.00		151.00	
AMMONIA AS N	MG/L	-	NR	0.02	U	0.02	U	0.05	U
BROMIDE	MG/L	-	NR	0.20		0.20		0.50	U
CHLORIDE	MG/L	-	NR	13.40		15.40		11.60	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	-	NR	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	-	NR	456.00		520.00		480.00	
FLUORIDE	MG/L	-	NR	0.30		0.30		0.26	
NITRATE	MG/L	-	NR	33.23	C	40.76	C	24.68	JC
NITRITE	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD PH	SU	-	NR	7.89		7.78		7.92	
TEMPERATURE	C	-	NR	17.50		18.10		17.20	
PHOSPHATE	MG/L	-	NR	0.60	U	0.70	U	0.10	UJ
SULFATE	MG/L	-	NR	39.70		43.70		35.30	
TOTAL DISSOLVED SOLIDS	MG/L	-	NR	300.00		330.00		293.00	

6-S29-E12

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X9 Conc.	Round 2 Qual.	Round 3 B00CV7 Conc.	Round 3 Qual.	Round 4 B00D54 Conc.	Round 4 Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	-	NR	141.00		146.00		144.00	
AMMONIA AS N	MG/L	-	NR	0.02	U	0.02	U	0.05	U
BROMIDE	MG/L	-	NR	0.20	U	0.20		0.50	U
CHLORIDE	MG/L	-	NR	12.00		13.10		10.30	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	5.00	U	5.00	U	5.00	
COLIFORM	MPN	-	NR	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	-	NR	429.00		440.00		440.00	
FLUORIDE	MG/L	-	NR	0.30		0.30		0.30	
NITRATE	MG/L	-	NR	19.94	C	20.38	C	17.01	JC
NITRITE	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD PH	SU	-	NR	7.60		7.83		7.94	
TEMPERATURE	C	-	NR	17.00		18.80		17.20	
PHOSPHATE	MG/L	-	NR	0.60	U	0.70	U	0.10	UJ
SULFATE	MG/L	-	NR	34.20		33.50		32.10	
TOTAL DISSOLVED SOLIDS	MG/L	-	NR	260.00		280.00		267.00	

6-S30-E15A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y7 Conc.	Round 2 Qual.	Round 3 B00CT9 Conc.	Round 3 Qual.	Round 4 B00D50 Conc.	Round 4 Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	-	NR	202.00		225.00		231.00	
AMMONIA AS N	MG/L	-	NR	0.02	U	0.02	U	0.05	U
BROMIDE	MG/L	-	NR	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	-	NR	6.30		5.90		5.25	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	-	NR	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	-	NR	415.00		490.00		510.00	
FLUORIDE	MG/L	-	NR	0.20		0.30	J	0.19	
NITRATE	MG/L	-	NR	10.63	C	12.85	C	9.35	JC
NITRITE	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD PH	SU	-	NR	7.62		7.72		7.58	
TEMPERATURE	C	-	NR	16.80		18.10		16.10	
PHOSPHATE	MG/L	-	NR	0.60	U	0.80	U	0.10	UJ
SULFATE	MG/L	-	NR	18.00		17.70		15.70	
TOTAL DISSOLVED SOLIDS	MG/L	-	NR	280.00		290.00		304.00	

6-S31-E13

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y3 Conc.	Round 2 Qual.	Round 3 B00CW1 Conc.	Round 3 Qual.	Round 4 B00D46 Conc.	Round 4 Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	-	NR	230.00		244.00		266.00	
AMMONIA AS N	MG/L	-	NR	0.02	U	0.02	U	0.05	U
BROMIDE	MG/L	-	NR	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	-	NR	7.90		7.80		6.87	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	-	NR	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	-	NR	489.00		590.00		610.00	
FLUORIDE	MG/L	-	NR	0.30		0.30	J	0.21	
NITRATE	MG/L	-	NR	19.94	C	19.05	JC	15.46	JC
NITRITE	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD PH	SU	-	NR	7.58		7.52		7.61	
TEMPERATURE	C	-	NR	16.50		16.50		17.00	
PHOSPHATE	MG/L	-	NR	0.60	U	0.80	UJ	0.10	UJ
SULFATE	MG/L	-	NR	21.50		21.10		17.20	
TOTAL DISSOLVED SOLIDS	MG/L	-	NR	330.00		340.00		346.00	

6-S32-E13A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X5 Conc.	Round 2 Qual.	Round 3 B00CX3 Conc.	Round 3 Qual.	Round 4 B00042 Conc.	Round 4 Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	-	NR	223.00		260.00		272.00	
AMMONIA AS N	MG/L	-	NR	0.02	U	0.02	U	0.05	U
BROMIDE	MG/L	-	NR	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	-	NR	8.20		7.80		6.73	
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	-	NR	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	-	NR	463.00		620.00		630.00	
FLUORIDE	MG/L	-	NR	0.20		0.30	J	0.21	
NITRATE	MG/L	-	NR	21.26	C	17.72	JC	18.21	JC
NITRITE	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD PH	SU	-	NR	7.76		7.30		7.47	
TEMPERATURE	C	-	NR	16.30		16.10		15.60	
PHOSPHATE	MG/L	-	NR	0.60	U	0.80	UJ	0.10	UJ
SULFATE	MG/L	-	NR	23.20		19.80		8.70	
TOTAL DISSOLVED SOLIDS	MG/L	-	NR	330.00		360.00		380.00	

6-S37-E14

Parameter	Units	Round 1 B00054 Conc.	Qual.	Round 2 B00DM6 Conc.	Qual.	Round 3 B00CW5 Conc.	Qual.	Round 4 B00D89 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	81.00		83.00		75.00		73.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	U	0.02	U	0.05	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	0.50	U
CHLORIDE	MG/L	1.60		2.50		1.30		1.22	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	5.00	U	5.00	U	5.92	
COLIFORM	MPN	1.00	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	210.00		280.00		200.00		160.00	
FLUORIDE	MG/L	0.50	U	3.70		0.40	J	0.17	
NITRATE	MG/L	1.40		7.09	C	0.89	C	0.76	JC
NITRITE	MG/L	1.00	U	-	NR	-	NR	-	NR
FIELD PH	SU	8.16		8.30		8.59		8.21	
TEMPERATURE	C	14.40		15.00		17.20		16.30	
PHOSPHATE	MG/L	1.00	U	0.60	U	0.70	U	0.10	UJ
SULFATE	MG/L	11.10		16.00		9.10		9.27	
TOTAL DISSOLVED SOLIDS	MG/L	63.00		180.00		120.00		103.00	

6-S40-E14

Parameter	Units	Round 1 B00049 Conc.	Qual.	Round 2 B009W5 Conc.	Qual.	Round 3 B00CW9 Conc.	Qual.	Round 4 B00DD3 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	72.00		65.00		67.00	J	61.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	U	0.02	U	0.20	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	1.00	U
CHLORIDE	MG/L	1.30		1.00		1.10		1.00	U
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	1.00	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	190.00		147.00		180.00		150.00	
FLUORIDE	MG/L	0.50	U	0.10		0.10	J	0.10	U
NITRATE	MG/L	0.80		0.89	C	0.89	C	1.00	J
NITRITE	MG/L	1.00	U	-	NR	-	NR	1.00	UJ
FIELD PH	SU	8.19		8.06		8.34		8.04	
TEMPERATURE	C	6.60		13.00		24.20		11.40	
PHOSPHATE	MG/L	1.00	U	0.60	U	0.80	U	1.00	U
SULFATE	MG/L	11.40		10.00		9.70		10.00	
TOTAL DISSOLVED SOLIDS	MG/L	31.00		96.00		110.00		90.00	

6-S41-E13A

Parameter	Units	Round 1 B00047 Conc.	Qual.	Round 2 B000L7 Conc.	Qual.	Round 3 B00CS7 Conc.	Qual.	Round 4 B00DB3 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	104.00		130.00		86.00	J	85.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	U	0.02	U	0.20	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	1.00	U
CHLORIDE	MG/L	1.80		4.00		1.20		1.00	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	2.20	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	260.00		278.00		230.00		200.00	
FLUORIDE	MG/L	0.50	U	0.20		0.20	J	0.20	
NITRATE	MG/L	6.40		5.76	C	4.43	JC	5.00	J
NITRITE	MG/L	1.00	U	-	NR	-	NR	1.00	UJ
FIELD PH	SU	7.85		8.38		8.42		8.18	
TEMPERATURE	C	14.60		16.70		18.40		15.90	
PHOSPHATE	MG/L	1.00	U	0.60	U	0.80	U	1.00	U
SULFATE	MG/L	10.50		11.30		10.50		10.00	
TOTAL DISSOLVED SOLIDS	MG/L	144.00		190.00		160.00		112.00	

6-S41-E13B

Parameter	Units	Round 1 B00045 Conc.	Qual.	Round 2 B000M1 Conc.	Qual.	Round 3 B00CT1 Conc.	Qual.	Round 4 B00DB7 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	221.00		215.00		217.00	J	215.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	U	0.02	U	0.20	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	1.00	U
CHLORIDE	MG/L	8.50		9.50		9.10		10.00	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	1.00	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	500.00		423.00		490.00		-	NR
FLUORIDE	MG/L	0.50	U	0.20		0.20	J	0.20	
NITRATE	MG/L	2.50		2.22	C	2.66	C	2.00	J
NITRITE	MG/L	1.00	U	-	NR	-	NR	1.00	UJ
FIELD PH	SU	7.53		8.12		8.18		-	NR
TEMPERATURE	C	14.70		17.00		17.90		-	NR
PHOSPHATE	MG/L	1.00	U	0.60	U	0.80	U	1.00	U
SULFATE	MG/L	9.80		10.00		10.00		10.00	
TOTAL DISSOLVED SOLIDS	MG/L	263.00		280.00		300.00		262.00	

6-S43-E12

Parameter	Units	Round 1 B00056 Conc.	Qual.	Round 2 B000K6 Conc.	Qual.	Round 3 B00CR9 Conc.	Qual.	Round 4 B00D98 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	187.00		240.50		212.00		198.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	U	0.02	U	0.20	U
BROMIDE	MG/L	1.00	U	0.20		0.20		1.00	U
CHLORIDE	MG/L	31.70		51.80		53.50		54.00	
CHEMICAL OXYGEN DEMAND	MG/L	10.00	U	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	1.00	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	525.00		423.00		700.00		660.00	
FLUORIDE	MG/L	0.50	U	0.20		0.30	J	0.20	
NITRATE	MG/L	16.30		20.82	C	25.69	C	25.00	J
NITRITE	MG/L	1.00	U	-	NR	-	NR	1.00	UJ
FIELD PH	SU	7.71		8.12		7.93		7.57	
TEMPERATURE	C	16.90		17.00		18.60		17.20	
PHOSPHATE	MG/L	1.00	U	0.60	U	0.70	U	1.00	U
SULFATE	MG/L	20.40		27.20		25.60		24.00	
TOTAL DISSOLVED SOLIDS	MG/L	270.00		450.00		410.00		384.00	

RWF-WEST

Parameter	Units	Round 1 B00060 Conc.	Qual.	Round 2 B00812 Conc.	Qual.	Round 3 B00010 Conc.	Qual.	Round 4 B00DF1 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	81.00		69.00		67.00		60.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	U	0.02	U	0.20	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	1.00	U
CHLORIDE	MG/L	1.20		1.10		0.90		1.00	
CHEMICAL OXYGEN DEMAND	MG/L	15.00	U	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	1.00	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	200.00		147.00		190.00		140.00	
FLUORIDE	MG/L	0.50	U	0.10		0.10		0.10	U
NITRATE	MG/L	0.80		0.89	C	0.44	C	1.00	UJ
NITRITE	MG/L	1.00	U	-	NR	-	NR	1.00	UJ
FIELD PH	SU	8.02		8.12		7.91		7.73	
TEMPERATURE	C	7.60		13.40		20.80		11.60	
PHOSPHATE	MG/L	1.00	U	0.60	U	0.70	U	1.00	U
SULFATE	MG/L	11.10		10.50		8.60		9.00	
TOTAL DISSOLVED SOLIDS	MG/L	91.00		82.00		90.00		94.00	

RWF-EAST

Parameter	Units	Round 1 B00062 Conc.	Qual.	Round 2 B00B08 Conc.	Qual.	Round 3 B00D06 Conc.	Qual.	Round 4 B000D7 Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	79.00		71.00		72.00		63.00	
AMMONIA AS N	MG/L	0.05	UC	0.02	U	0.02	U	0.20	U
BROMIDE	MG/L	1.00	U	0.20	U	0.20	U	1.00	U
CHLORIDE	MG/L	1.40		1.20		1.60		1.00	U
CHEMICAL OXYGEN DEMAND	MG/L	15.00	U	5.00	U	5.00	U	5.00	U
COLIFORM	MPN	1.00	U	-	NR	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	210.00		151.00		200.00		140.00	
FLUORIDE	MG/L	0.50	U	0.10		0.10		0.10	U
NITRATE	MG/L	0.90		0.89	C	0.44	C	1.00	UJ
NITRITE	MG/L	0.90		-	NR	-	NR	1.00	UJ
FIELD PH	SU	8.08		8.11		7.87		7.75	
TEMPERATURE	C	10.10		12.50		20.40		12.60	
PHOSPHATE	MG/L	1.00	U	0.60	U	0.70	U	1.00	U
SULFATE	MG/L	11.40		10.90		10.10		9.00	
TOTAL DISSOLVED SOLIDS	MG/L	95.00		80.00		100.00		90.00	

Parameter	Units	Round 1		Round 2 ANF0001		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	-	NR	-	NR	-	NR	-	NR
AMMONIA AS N	MG/L	-	NR	-	NR	-	NR	-	NR
BROMIDE	MG/L	-	NR	-	NR	-	NR	-	NR
CHLORIDE	MG/L	-	NR	33.10		-	NR	-	NR
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	-	NR	-	NR	-	NR
COLIFORM	MPN	-	NR	2.00	U	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	-	NR	-	NR	-	NR	-	NR
FLUORIDE	MG/L	-	NR	4.40		-	NR	-	NR
NITRATE	MG/L	-	NR	352.00		-	NR	-	NR
NITRITE	MG/L	-	NR	0.20	U	-	NR	-	NR
FIELD PH	SU	-	NR	-	NR	-	NR	-	NR
TEMPERATURE	C	-	NR	-	NR	-	NR	-	NR
PHOSPHATE	MG/L	-	NR	0.50	U	-	NR	-	NR
SULFATE	MG/L	-	NR	81.70		-	NR	-	NR
TOTAL DISSOLVED SOLIDS	MG/L	-	NR	-	NR	-	NR	-	NR

ANF-15

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 ANF0002 Conc.	Round 2 Qual.	Round 3 Conc.	Round 3 Qual.	Round 4 Conc.	Round 4 Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	-	NR	-	NR	-	NR	-	NR
AMMONIA AS N	MG/L	-	NR	-	NR	-	NR	-	NR
BROMIDE	MG/L	-	NR	-	NR	-	NR	-	NR
CHLORIDE	MG/L	-	NR	16.30		-	NR	-	NR
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	-	NR	-	NR	-	NR
COLIFORM	MPN	-	NR	2.00	U	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	-	NR	-	NR	-	NR	-	NR
FLUORIDE	MG/L	-	NR	11.50		-	NR	-	NR
NITRATE	MG/L	-	NR	272.00		-	NR	-	NR
NITRITE	MG/L	-	NR	0.20	U	-	NR	-	NR
FIELD PH	SU	-	NR	-	NR	-	NR	-	NR
TEMPERATURE	C	-	NR	-	NR	-	NR	-	NR
PHOSPHATE	MG/L	-	NR	0.50	U	-	NR	-	NR
SULFATE	MG/L	-	NR	111.40		-	NR	-	NR
TOTAL DISSOLVED SOLIDS	MG/L	-	NR	-	NR	-	NR	-	NR

ANF-16

Parameter	Units	Round 1		Round 2 ANF0003		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
CONVENTIONALS									
ALKALINITY AS CaCO3	MG/L	-	NR	-	NR	-	NR	-	NR
AMMONIA AS N	MG/L	-	NR	-	NR	-	NR	-	NR
BROMIDE	MG/L	-	NR	-	NR	-	NR	-	NR
CHLORIDE	MG/L	-	NR	9.90		-	NR	-	NR
CHEMICAL OXYGEN DEMAND	MG/L	-	NR	-	NR	-	NR	-	NR
COLIFORM	MPN	-	NR	2.00	U	-	NR	-	NR
DISSOLVED OXYGEN	MG/L	-	NR	-	NR	-	NR	-	NR
FIELD SPECIFIC CONDUCTANCE	US/CM	-	NR	-	NR	-	NR	-	NR
FLUORIDE	MG/L	-	NR	3.90		-	NR	-	NR
NITRATE	MG/L	-	NR	189.00		-	NR	-	NR
NITRITE	MG/L	-	NR	0.20	U	-	NR	-	NR
FIELD PH	SU	-	NR	-	NR	-	NR	-	NR
TEMPERATURE	C	-	NR	-	NR	-	NR	-	NR
PHOSPHATE	MG/L	-	NR	0.50	U	-	NR	-	NR
SULFATE	MG/L	-	NR	51.40		-	NR	-	NR
TOTAL DISSOLVED SOLIDS	MG/L	-	NR	-	NR	-	NR	-	NR

Appendix A-5

Radiochemical Results

Appendix A-5 Radiochemical Results

6-S41-E11, MW-1
6-S34-E10, MW-2
6-S41-E12, MW-3
6-S38-E12A, MW-4
6-S38-E12B, MW-5
6-S37-E11, MW-6
6-S38-E11, MW-7
6-S31-E8, MW-8
6-S32-E8, MW-9
6-S30-E10A, MW-10
6-S30-E10B, MW-11
6-S31-E10A, MW-12
6-S31-E10B, MW-13
6-S31-E10C, MW-14
6-S31-E10D, MW-15
6-S41-E13C, MW-17
6-S27-E14
6-S29-E12
6-S30-E15A
6-S31-E13
6-S32-E13A
6-S37-E14
6-S40-E14
6-S41-E13A
6-S41-E13B
6-S43-E12
RWF-WEST
RWF-EAST
ANF-14
ANF-15
ANF-16

6-S41-E11,MW-1

Parameter	Units	Round 1 B00024 Conc.	Qual.	Round 2 B000H2 Conc.	Qual.	Round 3 B00CQ2 Conc.	Qual.	Round 4 B00DC7 Conc.	Qual.
RAD									
ALPHA	PCI/L	8.44		1.96	U	3.09		0.67	U
BETA	PCI/L	12.70		3.49	U	12.11		9.24	
TRITIUM	PCI/L	127.00	U	-580.00	U	-724.00	R	-450.00	U
RADIUM	PCI/L	0.45	U	0.35	U	0.10	U	0.31	U
STRONTIUM	PCI/L	-	NR	0.25	U	0.21	U	-0.36	U
STRONTIUM-90	PCI/L	-0.03	U	-	NR	-	NR	-	NR

6-S34-E10,MW-2

Parameter	Units	Round 1 B00034 Conc.	Qual.	Round 2 B000G7 Conc.	Qual.	Round 3 B00CP4 Conc.	Qual.	Round 4 B00D80 Conc.	Qual.
RAD									
ALPHA	PCI/L	4.42		-0.74	U	1.82	U	2.04	U
BETA	PCI/L	8.18		7.33	U	9.31		11.89	
TRITIUM	PCI/L	87.30	U	-130.00	U	-88.00	R	-280.00	U
RADIUM	PCI/L	0.37	U	0.25	U	-0.26	U	-0.87	U
STRONTIUM	PCI/L	-	NR	0.05	U	0.17	U	-1.26	U
STRONTIUM-90	PCI/L	-0.21	U	-	NR	-	NR	-	NR

6-S41-E12,MW-3

Parameter	Units	Round 1 B00065 Conc.	Qual.	Round 2 B000J5 Conc.	Qual.	Round 3 B00CT8 Conc.	Qual.	Round 4 B00DD1 Conc.	Qual.
RAD									
ALPHA	PCI/L	17.00		1.72	U	0.74	U	3.50	
BETA	PCI/L	14.70		7.91		12.52		14.98	
TRITIUM	PCI/L	222.00	U	150.00	U	516.00	U	18.55	U
RADIUM	PCI/L	2.36		1.56	U	1.20	U	0.51	U
STRONTIUM	PCI/L	-	NR	-0.90	U	0.95	U	-2.18	U
STRONTIUM-90	PCI/L	-0.13	U	-	NR	-1.10	R	-	NR

6-S38-E12A,MW-4

Parameter	Units	Round 1 B00027 Conc.	Qual.	Round 2 B000K1 Conc.	Qual.	Round 3 B00CR4 Conc.	Qual.	Round 4 B00D64 Conc.	Qual.
RAD									
ALPHA	PCI/L	2.89		-	NR	4.30		3.75	
BETA	PCI/L	7.39	U	-	NR	10.59		3.06	U
TRITIUM	PCI/L	87.00	U	-350.00	U	-157.00	U	-410.00	U
RADIUM	PCI/L	0.20	U	-0.05	U	0.12	U	0.31	U
STRONTIUM	PCI/L	-	NR	-	NR	0.88	U	0.77	U
STRONTIUM-90	PCI/L	-0.05	U	-	NR	-1.00	R	-	NR

6-S38-E12B,MW-5

Parameter	Units	Round 1 B00030 Conc.	Qual.	Round 2 B000K5 Conc.	Qual.	Round 3 B00CR8 Conc.	Qual.	Round 4 B00D68 Conc.	Qual.
RAD									
ALPHA	PCI/L	3.92		1.78	U	-2.25	U	-.19	U
BETA	PCI/L	6.50	U	6.14	U	6.37	U	8.92	
TRITIUM	PCI/L	147.00	U	-480.00	U	-472.00	R	-230.00	U
RADIUM	PCI/L	0.50	U	-0.82	U	0.05	U	-6.00	U
STRONTIUM	PCI/L	NAN	NR	-0.85	U	0.28	U	-.06	U
STRONTIUM-90	PCI/L	0.02	U	NAN	NR	NAN	NR	-	NR

6-537-E11,MW-6

Parameter	Units	Round 1 B00022 Conc.	Qual.	Round 2 B000H6 Conc.	Qual.	Round 3 B00C06 Conc.	Qual.	Round 4 B00D76 Conc.	Qual.
RAD									
ALPHA	PCI/L	3.64		1.94	U	0.95	U	-1.81	U
BETA	PCI/L	2.00	U	-1.40	U	4.07	U	10.38	
TRITIUM	PCI/L	147.00	U	-810.00	U	-960.00	R	-560.00	U
RADIUM	PCI/L	0.26	U	0.35	U	0.02	U	0.60	U
STRONTIUM	PCI/L	-	NR	1.24	U	0.49	U	-0.61	U
STRONTIUM-90	PCI/L	-0.41	U	-1.73	R	-	NR	-	NR

6-S38-E11,MW-7

Parameter	Units	Round 1 B00020 Conc.	Qual.	Round 2 B000J0 Conc.	Qual.	Round 3 B00CR0 Conc.	Qual.	Round 4 B00D84 Conc.	Qual.
RAD									
ALPHA	PCI/L	4.78		0.64	U	3.26		-1.20	U
BETA	PCI/L	6.09	U	-0.12	U	7.91		9.07	
TRITIUM	PCI/L	77.40	U	-400.00	U	60.00	R	-240.00	U
RADIUM	PCI/L	0.37	U	-0.20	U	0.00	U	-1.08	U
STRONTIUM	PCI/L	-	NR	-0.34	U	0.10	U	2.17	U
STRONTIUM-90	PCI/L	0.14	U	0.00	U	-	NR	-0.21	U

6-S31-EB,MW-8

Parameter	Units	Round 1 B00002 Conc.	Qual.	Round 2 B00073 Conc.	Qual.	Round 3 B00927 Conc.	Qual.	Round 4 B00021 Conc.	Qual.
RAD									
ALPHA	PCI/L	3.75		-3.11	U	2.16	U	1.89	U
BETA	PCI/L	5.33	U	2.44	U	9.43		6.10	U
TRITIUM	PCI/L	-30.60	U	-230.00	U	-188.00	R	-600.00	U
RADIUM	PCI/L	0.11	U	-0.51	U	1.57	U	-0.24	U
STRONTIUM	PCI/L	-	NR	-0.91	U	0.71	U	0.15	U
STRONTIUM-90	PCI/L	-0.50	U	-	NR	-	NR	-	NR

6-S32-E8,MW-9

Parameter	Units	Round 1 B00036 Conc.	Qual.	Round 2 B00077 Conc.	Qual.	Round 3 B00803 Conc.	Qual.	Round 4 B00025 Conc.	Qual.
RAD									
ALPHA	PCI/L	1.31	U	-1.91	U	0.80	U	1.36	U
BETA	PCI/L	6.45	U	1.63	U	7.57		2.69	U
TRITIUM	PCI/L	137.00	U	120.00	U	-28.00	R	-590.00	U
RADIUM	PCI/L	0.23	U	-0.10	U	0.23	U	0.38	U
STRONTIUM	PCI/L	-	NR	-1.68	U	-0.50	U	0.68	U
STRONTIUM-90	PCI/L	-0.30	U	-	NR	-	NR	-	NR

6-S30-E10A,MW-10

Parameter	Units	Round 1 B00017 Conc.	Qual.	Round 2 B00081 Conc.	Qual.	Round 3 B00826 Conc.	Qual.	Round 4 B00029 Conc.	Qual.
RAD									
ALPHA	PCI/L	11.90		2.20	U	0.00	U	6.57	
BETA	PCI/L	30.20		85.20		95.44		88.88	
TRITIUM	PCI/L	-26.80	U	100.00	U	396.00	R	-730.00	U
RADIUM	PCI/L	2.01		0.70	U	-0.02	U	0.63	U
STRONTIUM	PCI/L	-	NR	-1.48	U	0.00	U	-0.45	U
STRONTIUM-90	PCI/L	0.39	U	-	NR	-	NR	-	NR

6-S30-E108,MW-11

Parameter	Units	Round 1 B00012 Conc.	Qual.	Round 2 B00086 Conc.	Qual.	Round 3 B00830 Conc.	Qual.	Round 4 B00037 Conc.	Qual.
RAD									
ALPHA	PCI/L	12.20		2.40	U	6.58		4.24	
BETA	PCI/L	35.20		86.48		74.73		80.95	
TRITIUM	PCI/L	66.90	U	-370.00	U	-72.00	R	-470.00	U
RADIUM	PCI/L	2.56		0.27	U	-0.38	U	0.48	U
STRONTIUM	PCI/L	-	NR	1.83	U	0.75	U	1.41	U
STRONTIUM-90	PCI/L	0.04	U	9.22	R	-	NR	0.21	U

6-S31-E10A,MW-12

Parameter	Units	Round 1 B00051 Conc.	Qual.	Round 2 B00090 Conc.	Qual.	Round 3 B00834 Conc.	Qual.	Round 4 B00846 Conc.	Qual.
RAD									
ALPHA	PCI/L	7.56		4.84		6.65		6.48	
BETA	PCI/L	34.60		87.64		91.02		77.65	
TRITIUM	PCI/L	102.00	U	-440.00	U	408.00	R	-470.00	U
RADIUM	PCI/L	1.16	U	0.33	U	0.03	U	0.44	U
STRONTIUM	PCI/L	-	NR	-1.01	U	-0.44	U	1.11	U
STRONTIUM-90	PCI/L	-0.20	U	-	NR	-	NR	-0.54	U

6-S31-E10B,MW-13

Parameter	Units	Round 1 B00009 Conc.	Qual.	Round 2 B00098 Conc.	Qual.	Round 3 B00842 Conc.	Qual.	Round 4 B00851 Conc.	Qual.
RAD									
ALPHA	PCI/L	9.13		4.06		6.54		5.83	
BETA	PCI/L	28.80		71.00		81.24		85.81	
TRITIUM	PCI/L	108.00	U	-290.00	U	-340.00	R	-470.00	U
RADIUM	PCI/L	1.58	U	1.00	U	0.22	U	0.23	U
STRONTIUM	PCI/L	-	NR	-.98	U	-0.28	U	2.35	U
STRONTIUM-90	PCI/L	0.05	U	-	NR	-	NR	-	NR

6-S31-E10C,MW-14

Parameter	Units	Round 1 B00006 Conc.	Qual.	Round 2 B000F7 Conc.	Qual.	Round 3 B00CN6 Conc.	Qual.	Round 4 B00855 Conc.	Qual.
RAD									
ALPHA	PCI/L	6.28		4.89		9.58		9.19	
BETA	PCI/L	25.10		89.39		90.79		89.02	
TRITIUM	PCI/L	18.20	U	-370.00	U	40.00	R	-510.00	U
RADIUM	PCI/L	1.47	U	0.28	U	0.12	U	0.07	U
STRONTIUM	PCI/L	-	NR	-0.23	U	0.04	U	-0.28	U
STRONTIUM-90	PCI/L	0.07	U	-	NR	-	NR	-	NR

6-S31-E100,MW-15

Parameter	Units	Round 1 B00003 Conc.	Qual.	Round 2 B000G3 Conc.	Qual.	Round 3 B00CP0 Conc.	Qual.	Round 4 B00B59 Conc.	Qual.
RAD									
ALPHA	PCI/L	9.27		1.64	U	3.71		4.99	
BETA	PCI/L	23.20		51.45		63.55		57.65	
TRITIUM	PCI/L	40.20	U	-230.00	U	-1104.00	R	-490.00	U
RADIUM	PCI/L	1.23	U	0.63	U	0.32	U	0.56	U
STRONTIUM	PCI/L	-	NR	0.69	U	0.86	U	-0.20	U
STRONTIUM-90	PCI/L	0.17	U	-1.55	R	-	NR	-	NR

6-S41-E13C,MW-17

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B000L4 Conc.	Round 2 B000L4 Qual.	Round 3 B00CS6 Conc.	Round 3 B00CS6 Qual.	Round 4 B00DC3 Conc.	Round 4 B00DC3 Qual.
RAD									
ALPHA	PCI/L	-	NR	0.89	U	-0.45	U	1.58	U
BETA	PCI/L	-	NR	0.89	U	5.59	U	8.05	
TRITIUM	PCI/L	-	NR	-400.00	U	-92.00	R	-430.00	U
RADIUM	PCI/L	-	NR	-0.72	U	-0.03	U	-0.36	U
STRONTIUM	PCI/L	-	NR	-2.04	U	0.30	U	0.20	U
STRONTIUM-90	PCI/L	-	NR	-	NR	-	NR	-	NR

6-S27-E14

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B0092Z4 Conc.	Round 2 Qual.	Round 3 B00CY0 Conc.	Round 3 Qual.	Round 4 B00060 Conc.	Round 4 Qual.
RAD									
ALPHA	PCI/L	-	NR	1.56	U	5.48		3.19	
BETA	PCI/L	-	NR	19.68		31.54		14.90	
TRITIUM	PCI/L	-	NR	-150.00	U	-440.00	R	-420.00	U
RADIUM	PCI/L	-	NR	-0.49	U	-0.11	U	0.00	U
STRONTIUM	PCI/L	-	NR	1.00	U	1.03	U	0.06	U
STRONTIUM-90	PCI/L	-	NR	-3.03	R	-0.93	R	-	NR

6-S29-E12

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y2 Conc.	Round 2 Qual.	Round 3 B00CW0 Conc.	Round 3 Qual.	Round 4 B00D56 Conc.	Round 4 Qual.
RAD									
ALPHA	PCI/L	-	NR	1.59	U	1.06	U	2.22	U
BETA	PCI/L	-	NR	1.05	U	10.48		6.32	U
TRITIUM	PCI/L	-	NR	-260.00	U	60.00	R	-810.00	U
RADIUM	PCI/L	-	NR	0.19	U	0.11	U	0.08	U
STRONTIUM	PCI/L	-	NR	0.09	U	0.95	U	-1.11	U
STRONTIUM-90	PCI/L	-	NR	-	NR	-1.73	R	-	NR

6-S30-E15A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B00920 Conc.	Round 2 B00920 Qual.	Round 3 B00CV2 Conc.	Round 3 B00CV2 Qual.	Round 4 B00D52 Conc.	Round 4 B00D52 Qual.
RAD									
ALPHA	PCI/L	-	NR	-1.40	U	-1.70	U	1.54	U
BETA	PCI/L	-	NR	2.46	U	4.69	U	2.08	U
TRITIUM	PCI/L	-	NR	93.00	U	-612.00	R	-560.00	U
RADIUM	PCI/L	-	NR	0.00	U	0.37	U	0.39	U
STRONTIUM	PCI/L	-	NR	-0.88	U	-0.10	U	-0.56	U
STRONTIUM-90	PCI/L	-	NR	-	NR	-	NR	-	NR

6-531-E13

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y6 Conc.	Round 2 Qual.	Round 3 B00CW4 Conc.	Round 3 Qual.	Round 4 B00D48 Conc.	Round 4 Qual.
RAD									
ALPHA	PCI/L	-	NR	-0.37	U	-1.24	U	2.57	
BETA	PCI/L	-	NR	2.35	U	7.38	U	7.28	U
TRITIUM	PCI/L	-	NR	-540.00	U	-120.00	R	-490.00	U
RADIUM	PCI/L	-	NR	0.18	U	-0.29	U	0.44	U
STRONTIUM	PCI/L	-	NR	-0.68	U	0.07	U	-0.66	U
STRONTIUM-90	PCI/L	-	NR	-	NR	-	NR	-	NR

6-S32-E13A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X8 Conc.	Round 2 Qual.	Round 3 B00CX6 Conc.	Round 3 Qual.	Round 4 B00044 Conc.	Round 4 Qual.
RAD									
ALPHA	PCI/L	-	NR	-0.54	U	-0.23	U	3.26	
BETA	PCI/L	-	NR	1.90	U	10.95		7.87	
TRITIUM	PCI/L	-	NR	5.80	U	-492.00	R	-470.00	U
RADIUM	PCI/L	-	NR	0.19	U	-0.22	U	0.54	U
STRONTIUM	PCI/L	-	NR	-1.07	U	0.08	U	-0.61	U
STRONTIUM-90	PCI/L	-	NR	-	NR	-	NR	-	NR

6-S37-E14

Parameter	Units	Round 1 B00054 Conc.	Qual.	Round 2 B000M9 Conc.	Qual.	Round 3 B00CW8 Conc.	Qual.	Round 4 B00D91 Conc.	Qual.
RAD									
ALPHA	PCI/L	2.22	U	-1.23	U	-3.51	U	-2.42	U
BETA	PCI/L	1.67	U	-1.90	U	1.68	U	3.93	U
TRITIUM	PCI/L	133.00	U	-370.00	U	340.00	R	-270.00	U
RADIUM	PCI/L	0.20	U	0.23	U	0.57	U	-	NR
STRONTIUM	PCI/L	-	NR	0.63	U	0.13	U	-0.33	U
STRONTIUM-90	PCI/L	0.23	U	1.91	R	-	NR	-	NR

6-S40-E14

Parameter	Units	Round 1 B00049 Conc.	Qual.	Round 2 Conc.	Qual.	Round 3 B00CX2 Conc.	Qual.	Round 4 B00DD5 Conc.	Qual.
RAD									
ALPHA	PCI/L	1.13		-	NR	-3.35	U	-1.62	U
BETA	PCI/L	-0.82	U	-	NR	1.23	U	0.34	U
TRITIUM	PCI/L	68.10	U	-	NR	-264.00	R	-260.00	U
RADIUM	PCI/L	-0.02	U	-	NR	0.25	U	0.19	U
STRONTIUM	PCI/L	-	NR	-	NR	0.72	U	-1.03	U
STRONTIUM-90	PCI/L	-0.06	U	-	NR	-	NR	-	NR

6-S41-E13A

Parameter	Units	Round 1 B00047 Conc.	Qual.	Round 2 B000M0 Conc.	Qual.	Round 3 B00CT0 Conc.	Qual.	Round 4 B00DB5 Conc.	Qual.
RAD									
ALPHA	PCI/L	0.49	U	0.93	U	-3.31	U	-2.67	U
BETA	PCI/L	2.63	U	1.34	U	4.58	U	4.96	U
TRITIUM	PCI/L	205.00	U	-76.00	U	184.00	R	-260.00	U
RADIUM	PCI/L	0.07	U	-0.55	U	0.00	U	-0.19	U
STRONTIUM	PCI/L	-	NR	-1.06	U	0.28	U	-0.38	U
STRONTIUM-90	PCI/L	0.12	U	-	NR	-	NR	-	NR

6-S41-E13B

Parameter	Units	Round 1 B00045 Conc.	Qual.	Round 2 B000N4 Conc.	Qual.	Round 3 B00CT4 Conc.	Qual.	Round 4 B000B9 Conc.	Qual.
RAD									
ALPHA	PCI/L	6.02		3.74		-0.69	U	-1.34	U
BETA	PCI/L	4.87	U	9.39		11.18		2.82	U
TRITIUM	PCI/L	215.00	U	160.00	U	424.00	R	-350.00	U
RADIUM	PCI/L	0.16	U	-0.59	U	0.15	U	-0.16	U
STRONTIUM	PCI/L	-	NR	-1.36	U	0.56	U	-1.12	U
STRONTIUM-90	PCI/L	0.47	U	-	NR	-	NR	-	NR

6-S43-E12

Parameter	Units	Round 1 B00056 Conc.	Qual.	Round 2 B000K9 Conc.	Qual.	Round 3 B00CS2 Conc.	Qual.	Round 4 B000B0 Conc.	Qual.
RAD									
ALPHA	PCI/L	2.63		1.94	U	0.97	U	0.83	U
BETA	PCI/L	8.77		8.27		10.51		13.81	
TRITIUM	PCI/L	144.00	U	-380.00	U	-656.00	R	-220.00	U
RADIUM	PCI/L	0.33	U	-0.35	U	0.09	U	-0.34	U
STRONTIUM	PCI/L	-	NR	-0.01	U	0.38	U	-1.12	U
STRONTIUM-90	PCI/L	0.24	U	-	NR	-	NR	-	NR

RWF-WEST

Parameter	Units	Round 1 B00060 Conc.	Qual.	Round 2 B00B15 Conc.	Qual.	Round 3 B00013 Conc.	Qual.	Round 4 B000F3 Conc.	Qual.
RAD									
ALPHA	PCI/L	1.04	U	-1.96	U	-0.29	U	-2.02	U
BETA	PCI/L	0.78	U	-3.58	U	7.22	U	4.20	U
TRITIUM	PCI/L	29.70	U	-450.00	U	-60.00	R	-400.00	U
RADIUM	PCI/L	0.02	U	0.29	U	0.16	U	0.36	U
STRONTIUM	PCI/L	-	NR	-1.32	U	-1.11	U	-1.13	U
STRONTIUM-90	PCI/L	0.09	U	-	NR	-	NR	-	NR

RWF-EAST

Parameter	Units	Round 1 B00062 Conc.	Qual.	Round 2 B00B11 Conc.	Qual.	Round 3 B00D09 Conc.	Qual.	Round 4 B00DD9 Conc.	Qual.
RAD									
ALPHA	PCI/L	0.19	U	-0.99	U	2.00	U	-2.29	U
BETA	PCI/L	2.31	U	-2.46	U	8.00		2.63	U
TRITIUM	PCI/L	250.00	U	-700.00	U	100.00	R	-170.00	U
RADIUM	PCI/L	-0.07	U	0.22	U	-0.09	U	0.03	U
STRONTIUM	PCI/L	-	NR	-1.07	U	-0.63	U	-9.18	U
STRONTIUM-90	PCI/L	-0.26	U	-	NR	-	NR	-	NR

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B00928 Conc.	Round 2 Qual.	Round 3 B00017 Conc.	Round 3 Qual.	Round 4 Conc.	Round 4 Qual.
RAD									
ALPHA	PCI/L	-	NR	5.32		22.93		-	NR
BETA	PCI/L	-	NR	6.48	U	58.90		-	NR
TRITIUM	PCI/L	-	NR	-290.00	U	-	NR	-	NR
RADIUM	PCI/L	-	NR	-1.00	U	0.65	U	-	NR
STRONTIUM	PCI/L	-	NR	-0.91	U	-	NR	-	NR
STRONTIUM-90	PCI/L	-	NR	-	NR	-	NR	-	NR

Parameter	Units	Round 1		Round 2 B00B02		Round 3 B00D18		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
RAD									
ALPHA	PCI/L	-	NR	36.99		36.73		-	NR
BETA	PCI/L	-	NR	126.64		98.35		-	NR
TRITIUM	PCI/L	-	NR	-290.00	U	-	NR	-	NR
RADIUM	PCI/L	-	NR	-0.85	U	0.11	U	-	NR
STRONTIUM	PCI/L	-	NR	-2.55	U	-	NR	-	NR
STRONTIUM-90	PCI/L	-	NR	-	NR	-	NR	-	NR

ANF-16

Parameter	Units	Round 1		Round 2 B00806		Round 3 B00D19		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
RAD									
ALPHA	PCI/L	-	NR	9.89		3.95		-	NR
BETA	PCI/L	-	NR	58.35		19.09		-	NR
TRITIUM	PCI/L	-	NR	-510.00	U	-	NR	-	NR
RADIUM	PCI/L	-	NR	0.15	U	-0.16	U	-	NR
STRONTIUM	PCI/L	-	NR	-1.87	U	-	NR	-	NR
STRONTIUM-90	PCI/L	-	NR	-	NR	-	NR	-	NR

Appendix A-6

Coliform Results

Appendix A-6 Coliform Results

6-S41-E11, MW-1
6-S34-E10, MW-2
6-S41-E12, MW-3
6-S38-E12A, MW-4
6-S38-E12B, MW-5
6-S37-E11, MW-6
6-S38-E11, MW-7
6-S31-E8, MW-8
6-S32-E8, MW-9
6-S30-E10A, MW-10
6-S30-E10B, MW-11
6-S31-E10A, MW-12
6-S31-E10B, MW-13
6-S31-E10C, MW-14
6-S31-E10D, MW-15
6-S41-E13C, MW-17
6-S27-E14
6-S29-E12
6-S30-E15A
6-S31-E13
6-S32-E13A
6-S37-E14
6-S40-E14
6-S41-E13A
6-S41-E13B
6-S43-E12
RWF-WEST
RWF-EAST
ANF-14
ANF-15
ANF-16

COLIFORM RESULTS BY LOCATION AND ROUND

LOCATION	ROUND 1			ROUND 2			ROUND 3			ROUND 4		
	SAMPLE #	VALUE MPN/100ml	Q	SAMPLE #	VALUE MPN/100ml	Q	SAMPLE #	VALUE MPN/100ml	Q	SAMPLE #	VALUE MPN/100ml	Q
6-S41-E11,MW-1	B00024	2	U	B000H1	2	U	B00CQ1	2	U	NR		
6-S34-E10,MW-2	B00034	2	U	B000G6	2	U	B00CP3	2	U	NR		
6-S41-E12,MW-3	B00065	2	U	B000J4	2	U	B00CT7	2	UJ	NR		
6-S38-E12A,MW-4	B00027	2	U	B000K0	2	U	B00CR3	2	UJ	NR		
6-S38-E12B,MW-5	B00030	2	U	B000K4	2	U	B00CR7	2	UJ	NR		
6-S37-E11,MW-6	B00022	2	U	B000H5	2	U	B00CQ5	2	U	NR		
6-S38-E11,MW-7	B00020	2	U	B000H9	2	U	B00CQ9	2	U	NR		
6-S31-E8,MW-8	B00002	2	U	B00072	2	U	NR			NR		
6-S32-E8,MW-9	B00036	2	U	B00076	2	U	B00B01	2	U	NR		
6-S30-E10A,MW-10	B00017	2	U	B00080	2	U	B00B25	2	U	NR		
6-S30-E10B,MW-11	B00012	2	U	B00085	2	U	B00B29	2	U	NR		
6-S31-E10A,MW-12	B00051	2	U	B00089	2	U	B00B33	2	U	NR		
6-S31-E10B,MW-13	B00009	2	U	B00097	2	U	B00B41	2	U	NR		
6-S31-E10C,MW-14	B00006	1	U	B000F6	2	U	B00CN5	2	U	NR		
6-S31-E10D,MW-15	B00003	1	U	B000G2	2	U	B00CN9	2	U	NR		
6-S41-E13C,MW-17	B00039	2	U	B000L3	2	U	B00CS5	2	UJ	NR		
6-S27-E14	NR			B009Z3	2	U	B00CX9	2	U	NR		
6-S29-E12	NR			B009Y1	2	U	B00CV9	2	U	NR		
6-S30-E15A	NR			B009Y9	2	U	B00CV1	2	UJ	NR		
6-S31-E13	NR			B009Y5	2	U	B00CW3	2	UJ	NR		
6-S32-E13A	NR			B009X7	2	U	B00CX5	2	UJ	NR		
6-S37-E14	B00054	1	U	B000M8	2	U	B00CW7	2	UJ	NR		
6-S40-E14	B00049	1	U	B009W7	16		B00CX1	2	UJ	NR		
6-S41-E13A	B00047	2	U	B000L9	2	U	B00CS9	2	UJ	NR		
6-S41-E13B	B00045	1	U	B000M3	2	U	B00CT3	2	UJ	NR		
6-S43-E12	B00056	1	U	B000K8	2	U	B00CS1	2	UJ	NR		
RWF-WEST	B00060	1	U	B00B14	16		B00D12	2		NR		

COLIFORM RESULTS BY LOCATION AND ROUND

LOCATION	ROUND 1			ROUND 2			ROUND 3			ROUND 4		
	SAMPLE #	VALUE MPN/100ml	Q	SAMPLE #	VALUE MPN/100ml	Q	SAMPLE #	VALUE MPN/100ml	Q	SAMPLE #	VALUE MPN/100ml	Q
RWF-EAST	B00062	1	U	B00B10	2	U	B00D08	2	U	NR		
ANF-14	NR			ANF0001	2	U	NR			NR		
ANF-15	NR			ANF0002	2	U	NR			NR		
ANF-16	NR			ANF0003	2	U	NR			NR		

MPN=Most Probable Number
NR=Not Reported

APPENDIX B

DATA QUALITY

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APPENDIX B-1

RELATIVE PERCENT DIFFERENCE RESULTS TABLES

TABLE 1

GENERAL CHEMISTRY PARAMETERS
RPD SUMMARY

WELL	D/S	RD	ANALYTE	RPD
MW-11	D	1	Turbidity	105
MW-5	D	1	Turbidity	40
MW-12	D	2	TDS	72
MW-12	D	2	TOC	71
MW-12	D	2	Turbidity	120
MW-12	D	2	Nitrite as N	168
MW-12	D	3	COD	140
MW-12	D	3	Turbidity	102
MW-17	D	3	Nitrate Nitrogen	46
MW-17	D	3	Turbidity	35
MW-7	S	4	TOC	175
MW-11	S	4	COD	33
MW-11	S	4	Chloride	56
MW-11	S	4	TDS	42
MW-11	S	4	Nitrate as N	53
MW-11	S	4	Sulfate	197
MW-11	S	4	TOC	173

TABLE 2

UNFILTERED INORGANIC ANALYTES
RPD SUMMARY

WELL	D/S	RD	Analyte	RPD	REASON
MW-11	D	1	Iron	31	RPD >20%, result >5X <100X the CRQL
MW-8	S	1	Iron	157	RPD >20%, result >5X <100X the CRQL
MW-12	D	1	Iron	118	RPD >100%, result <5X the CRQL
MW-14	S	2	Calcium	28	RPD >20%, result >5X <100X the CRQL
MW-14	S	2	Chromium	106	RPD >100%, result <5X the CRQL
MW-14	S	2	Manganese	176	RPD >20%, result >5X <100X the CRQL
MW-14	S	2	Sodium	26	RPD >20%, result >5X <100X the CRQL
MW-14	S	2	Zinc	122	RPD >100%, result >5X the CRQL
6-S31-E13	S	3	Iron	21	RPD >10%, result >100X the CRQL
MW-4	S	3	Aluminum	141	RPD >100%, result <5X the CRQL
MW-4	S	3	Beryllium	101	RPD >100%, result <5X the CRQL
MW-10	D	4	Aluminum	104	RPD >100%, result <5X the CRQL
MW-10	D	4	Iron	93	RPD >10%, result >5X <100X the CRQL
MW-7	S	4	Manganese	133	RPD >100%, result <5X the CRQL
MW-7	S	4	Zinc	144	RPD >100%, result <5X the CRQL

TABLE 3

FILTERED INORGANIC ANALYTES
RPD SUMMARY

WELL	D/S	RD	Analyte	RPD	REASON
MW-11	D	1	Iron	31	RPD >20%, result >5X <100X the CRQL
MW-5	D	1	Iron	142	RPD >20% , result >5X <100X the CRQL
MW-5	D	1	Manganese	24	RPD >20%, result >5X <100X the CRQL
MW-17	S	1	Barium	104	RPD >100%, result <5X the CRQL
MW-8	S	1	Zinc	160	RPD >100%, result <5X the CRQL
MW-12	D	2	Zinc	170	RPD >100%, result <5X the CRQL
MW-14	S	2	Calcium	29	RPD >20%, result >5X <100 the CRQL
MW-14	S	2	Magnesium	32	RPD >20%, result >5X <100X the CRQL
MW-14	S	2	Manganese	187	RPD >20%, result >5X <100X the CRQL
MW-14	S	2	Sodium	27	RPD >20%, result >5 <100X the CRQL
MW-6	S	2	Zinc	111	RPD >100%, result <5X the CRQL
MW-4	S	3	Lead	106	RPD >100%, result <5X the CRQL
MW-4	S	3	Manganese	169	RPD >100%, result <5X the CRQL
MW-7	S	4	Aluminum	132	RPD >100%, result <5X the CRQL
MW-7	S	4	Iron	152	RPD >100%, result <5X the CRQL

TABLE 4

ORGANIC COMPOUNDS
RPD SUMMARY

WELL	D/S	RD	COMPOUND	RPD	REASON
MW-11	D	1	bis (2-Ethylhexyl) phthalate	152	RPD >20%, result >5X <100X the CRQL
MW-17	D	2	bis (2-Ethylhexyl) phthalate	133	RPD >100%, result <5X the CRQL
MW-14	S	2	Tetrachloroethene	157	RPD >100%, result <5X the CRQL
MW-6	S	2	Tetrachloroethene	145	RPD >100%, result <5X the CRQL
MW-4	S	3	Tetrachloroethene	139	RPD >100%, result <5X the CRQL
MW-10	D	4	1,1,1 Trichloroethane	133	RPD >100%, result <5X the CRQL

APPENDIX B-2

DUPLICATE AND SPLIT RESULTS TABLES

ABBREVIATIONS

ORGANIC QUALIFIERS:

D - Indicates the compound was reported at a secondary dilution factor.

J - Indicates an estimated value, reported when estimating a tentatively identified compound or
when the result is less than the sample quantitation limit but greater than zero.

JX - Indicates an estimated value and the laboratory has flagged the value with more than one qualifier.

R - Data is qualified as unusable.

U - Indicates compound was analyzed for but not detected at the given detection limit.

INORGANIC QUALIFIERS:

B - Indicates that the reported value is less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.

J - Indicates an estimated value when the result is less than the sample quantitation limit but greater than zero.

U - Indicates that the analyte was analyzed for but not detected.

UJ - Indicates that the analyte was not detected at the estimated value.

OTHER QUALIFIERS:

NA - not analyzed.

NC - not calculable due to both values reported below the detection limit.

CRQL - Contract Required Quantitation Limit.

TABLE KEY:

WELL - Westinghouse well identification

D/S - indicates if sample was a duplicate or a split sample.

RD - indicates the sampling round from which the sample was collected.

RPD - the relative percent difference between two values.

Sample ID - identifier of the Westinghouse sample.

Location - location of the groundwater monitoring well.

Analysis (AY) - type of analysis performed on the sample as described below:

DW - drinking water parameters (general chemistry)

Filtered I - filtered inorganics

CLP- analysis includes volatile organic, semivolatile organic, herbicides, and pesticides

RAD - radionuclide

LAB - laboratory performing the analysis as described below:

UST - U.S Testing

W - Weyerhaeuser

HEHF - Hanford Environmental Health Foundation

MM - Martin Marietta

P - Pacific Northwest Environmental Laboratory

DUPLICATE SAMPLE SUMMARY

SAMPLE ID	SAMPLE ID	LOCATION	ANALYSIS	RD	LAB
B00012	B00015	6-S30-E10B,MW-1	DW	1	UST
B00030	B00032	6-S38-E12B,MW-5	DW	1	UST
B0013D	B0014D	6-S30-E10B,MW-11	FILTERED I	1	W
B0013T	B0014T	6-S30-E10B,MW-11	CLP	1	W
B00029	B00031	6-S38-E12B,MW-5	CLP	1	W
B0029D	B0031D	6-S38-E12B,MW-5	FILTERED I	1	W
B00087	B00091	6-S31-E10A,MW-12	CLP	2	W
B00088	B00092	6-S31-E10A,MW-12	FILTERED I	2	W
B00089	B00093	6-S31-E10A,MW-12	DW	2	HEHF
B00090	B00094	6-S31-E10A,MW-12	RAD	2	MM
B000L1	B000L5	6-S41-E13C,MW-17	CLP	2	MM
B000L2	B000L6	6-S41-E13C,MW-17	FILTERED I	2	W
B000L3	B009W9	6-S41-E13C,MW-17	DW	2	HEHF
B000L4	B009X0	6-S41-E13C,MW-17	RAD	2	MM
B00B31	B00CP5	6-S31-E10A,MW-12	CLP	3	W
B00B32	B00CP6	6-S31-E10A,MW-12	FILTERED I	3	W
B00B33	B00CP7	6-S31-E10A,MW-12	DW	3	HEHF
B00B34	B00CP8	6-S31-E10A,MW-12	RAD	3	MM
B00CP1	B00CY5	6-S34-E10,MW-2	CLP	3	W
B00CP2	B00CY6	6-S34-E10,MW-2	FILTERED	3	W
B00CS3	B00CY1	6-S41-E13C,MW-17	CLP	3	W
B00CS4	B00CY2	6-S41-E13C,MW-17	FILTERED I	3	W
B00CS5	B00CY3	6-S41-E13C,MW-17	DW	3	HEHF
B00CS6	B00CY4	6-S41-E13C,MW-17	RAD	3	MM
B00D27	B00D31	6-S30-E10A,MW-10	CLP	4	P
B00D28	B00D32	6-S30-E10A,MW-10	FILTERED I	4	P
B00D29	B00D33	6-S30-E10A,MW-10	RAD	4	MM
B00D30	B00D34	6-S30-E10A,MW-10	DW	4	HEHF
B00D66	B00D70	6-S38-E12B,MW-5	CLP	4	P
B00D67	B00D71	6-S38-E12B,MW-5	FILTERED I	4	P
B00D68	B00D72	6-S38-E12B,MW-5	RAD	4	MM
B00D69	B00D73	6-S38-E12B,MW-5	DW	4	HEHF

SPLIT SAMPLE SUMMARY

SAMPLE ID	LAB	SAMPLE ID	LAB	LOCATION	AY	RD
B00038	W	B0040T	P	6-S41-E13C, MW-17	CLP	1
B0038D	W	B0040D	P	6-S41-E13C, MW-17	FI	1
B00041	W	B0042T	P	6-S31-E8, MW-8	CLP	1
B0041D	W	B0042D	P	6-S31-E8, MW-8	FI	1
B00100	W	B000F8	P	6-S31-E10C, MW-14	CLP	2
B000F5	W	B000F9	P	6-S31-E10C, MW-14	FI	2
B000H3	W	B000J6	P	6-S37-E11, MW-6	CLP	2
B000H4	W	B000J7	P	6-S37-E11, MW-6	FI	2
B00CW1	W	B00B35	MM	6-S31-E13	CLP	3
B00CW2	W	B00B36	MM	6-S31-E13	FI	3
B00CR1	W	B00B37	MM	6-S38-E12A, MW-4	CLP	3
B00CR2	W	B00B38	MM	6-S38-E12A, MW-4	FI	3
B00D82	P	B00D86	MM	6-S38-E10B, MW-7	CLP	4
B00D83	P	B00D87	MM	6-S38-E10B, MW-7	FI	4
B00D35	P	B00D37	MM	6-S30-E10B, MW-11	CLP	4
B00D36	P	B00D40	MM	6-S30-E10B, MW-11	FI	4

Table 1A. Validated Laboratory Results, Duplicate Sample
Round 1

WHC WELL ID: MW-11	SAMPLE ID: B00012	SAMPLE ID: B00015	RPD
General Chemistry (results in mg/L, except where noted)			
Alkalinity as $CaCO_3$	151	150	1
Ammonia as N	1.47	1.62	10
Bromide	1.0 U	1.0 U	NC
Chloride	16.4	16.2	1
Conductivity	783	793	1
Dissolved Solids	512	520	2
Fluoride	0.50 U	0.50 U	NC
Nitrate as N	180	177	2
Nitrite as N	1.0 U	1.0 U	1
Phosphate	1.0 U	1.0 U	NC
Sulfate	88.7	87.9	1
Total Organic Carbon	1.0 U	.9 U	NC
Total Organic Halides	.032	.027	17
Turbidity, NTU	15	4.7	105
pH	7.6	7.7	1
Coliform, MPN/100 ml	2.2 U	2.2 U	NC

Table 1B. Validated Laboratory Results, Duplicate Sample
Round 1

WHC WELL ID: MW-5	SAMPLE ID: B00030	SAMPLE ID: B00032	RPD
Filtered Inorganics (results in ug/L)			
Alkalinity as $CaCO_3$	132	132	0
Ammonia as N	0.05 U	0.05 U	NC
Bromide	1.0 U	1.0 U	NC
Chemical O_2 Demand	10.0 U	10 U	NC
Chloride	6.8	6.8	0
Conductivity	313	316	1
Total Dissolved Solids	187	189	1
Fluoride	0.50 U	0.50 U	NC
Nitrate as N	8.3	8.4	1
Nitrite as N	1.0 U	1.0 U	NC
Phosphate	1.0 U	1.0 U	NC
Sulfate	20.5	20.5	0
Total Organic Carbon	0.8 U	0.8 U	NC
Total Organic Halides	0.14	0.14	0
Turbidity, NTU	0.4	0.6	40
pH	8.0	8.0	0
Coliform, MPN/100 ml	2.2 U	2.2 U	NC

Table 1C. Validated Laboratory Results, Duplicate Sample
Round 1

WHC WELL ID: MW-11	SAMPLE ID: B0013D	SAMPLE ID: B0014D	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	112 U	92.1 U	NC
Antimony	21.0 U	21.0 U	NC
Arsenic	1.0 U	1.0 U	NC
Barium	97.7 B	102 B	4
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.3 U	2.7 U	NC
Calcium	88900	90100	1
Chromium	9.8 U	5.7 U	NC
Cobalt	3.0 U	3.0 U	NC
Copper	2.0 U	2.0 U	NC
Iron	74.3 B	25.4 U	98
Lead	1.0 U	1.2 J	18
Magnesium	18500	19300	4
Manganese	181	195	7
Mercury	0.20 U	0.20 U	NC
Nickel	13.6 U	15.5 U	NC
Potassium	9310	9650	4
Selenium	2.0 U	2.0 U	NC
Silver	2.0 U	2.0 U	NC
Sodium	31300 J	31900 J	2
Thallium	1.7 UJ	1.0 UJ	NC
Vanadium	4.8 U	4.8 U	NC
Zinc	2.0 U	2.0 U	NC

Table 1D. Validated Laboratory Results, Duplicate Sample
Round 1 (Sheet 1 of 2)

WHC WELL ID: MW-11	SAMPLE ID: B0013T	SAMPLE ID: B0014T	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	855	706	19
Antimony	23.3 U	21.0 U	NC
Arsenic	1.0 U	1.0 J	0
Barium	111 B	112 B	1
Beryllium	1.0 U	1.0 U	NC
Cadmium	2.0 U	2.0 U	NC
Calcium	90800	91400	1
Chromium	11.4 U	10.0 U	NC
Cobalt	3.0 U	3.0 U	NC
Copper	4.3 U	3.2 U	NC
Iron	1660 J	1210 J	31
Lead	2.0 UJ	3.0 J	40
Magnesium	19300	19800	3
Manganese	216	212	2
Mercury	0.20 U	0.20 U	NC
Nickel	17.5 U	16.5 U	NC
Potassium	9950	9940	0.1
Selenium	2.0 U	2.0 UJ	NC
Silver	2.0 U	2.0 U	NC
Sodium	33800 J	33600 J	1
Thallium	1.0 U	1.0 U	NC
Vanadium	4.5 U	3.9 U	NC
Zinc	5.2 U	7.1 U	NC
Cyanide	10.0 U	10.0 U	NC

Table 1D. Validated Laboratory Results, Duplicate Sample
Round 1 (Sheet 2 of 2)

WHC WELL ID: MW-11	SAMPLE ID: B0013T	SAMPLE ID: B0014T	RPD
Organics (results in ug/L)			
Ethanol,2-chloro, phosphat (TIC @ = 21.3 min.)	96 JX	60 JX	46
bis(2-Ethylhexyl) phthalate	10 U	73	152
1,1,1-Trichloroethane	0.8 J	0.9 J	12
Trichloroethene	0.9 J	2	76

Table 1E. Validated Laboratory Results, Duplicate Sample
Round 1

WHC WELL ID: MW-5	SAMPLE ID: B00029	SAMPLE ID: B00031	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	110 U	112 U	NC
Antimony	21.0 UJ	21.0 UJ	NC
Arsenic	4.8 B	4.6 B	4
Barium	58.2 B	55 B	6
Beryllium	1.0 U	1.0 U	NC
Cadmium	2.0 U	2.0 U	NC
Calcium	33100 J	31600 J	5
Chromium	9.3 U	7.5 U	NC
Cobalt	3.0 U	3.0 U	NC
Copper	2.0 U	2.0 U	NC
Iron	72.3 B	100	32
Lead	1.9 U	2.0 U	NC
Magnesium	7020	6640	6
Manganese	273 J	297 J	8
Mercury	0.20 U	0.20 U	NC
Nickel	7.0 U	9.9 U	NC
Potassium	4610 B	4930 B	7
Selenium	1.0 UJ	1.0 U	NC
Silver	2.0 U	2.0 U	NC
Sodium	19500 J	17800 J	9
Thallium	1.6 U	1.7 UJ	NC
Vanadium	6.2 U	7.7 B	22
Zinc	2.0 U	2.4 U	NC
Cyanide	10.0 U	10.0 U	NC
Organics (results in ug/L)			
Ethanol,2-chloro, phosphat (TIC @ 21.64 min.)	200 JX	140 JX	35
Chloroform	1	1	0
1,1,1-Trichloroethane	4	4	0
Tetrachloroethene	0.8 J	0.8 J	0

Table 1F. Validated Laboratory Results, Duplicate Sample
Round 1

WHC WELL ID: MW-5	SAMPLE ID: B0029D	SAMPLE ID: B0031D	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	99.4 U	48.2 U	NC
Antimony	21.0 U	21.0 U	NC
Arsenic	4.3 B	3.4 B	23
Barium	51.8 J	63.6 J	20
Beryllium	1.0 U	1.0 U	NC
Cadmium	2.0 U	2.0 U	NC
Calcium	29100	33300	13
Chromium	2.0 U	4.2 U	NC
Cobalt	3.0 U	3.0 U	NC
Copper	2.0 U	2.0 U	NC
Iron	92.8 B	15.7 U	142
Lead	1.0 UJ	1.0 UJ	NC
Magnesium	6050	7170	17
Manganese	266	339	24
Mercury	0.20 U	0.20 U	NC
Nickel	7.9 U	7.0 U	NC
Potassium	4180 B	4790 B	14
Selenium	1.0 U	1.0 U	NC
Silver	2.2 B	2.0 U	10
Sodium	16600 J	18600 J	11
Thallium	1.0 U	1.0 U	NC
Vanadium	4.8 U	5.5 U	NC
Zinc	2.1 U	3.0 U	NC

Table 1G. Validated Laboratory Results, Split Sample
Round 1

WHC WELL ID: MW-17	SAMPLE ID: B00038	SAMPLE ID: B0040T	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	1280	1420	10
Antimony	21.0 UJ	32.0 U	NC
Arsenic	2.1 B	3.1 B	38
Barium	38.8 B	88.9 U	78
Beryllium	1.0 U	1.4 U	NC
Cadmium	2.0 U	3.2 U	NC
Calcium	24600 J	23400 J	5
Chromium	20.1	16.6	19
Cobalt	3.0 U	11.8 U	NC
Copper	2.0 U	2.0 U	NC
Iron	1930	1650	16
Lead	2.2 U	1.0 U	NC
Magnesium	5590	5430	3
Manganese	84.5 J	76.5 J	10
Mercury	0.20 U	0.20 U	NC
Nickel	7.0 U	16.4 U	NC
Potassium	3830 B	3960 B	3
Selenium	1.0 U	2.0 U	NC
Silver	2.0 U	2.0 U	NC
Sodium	18000 J	16500 J	9
Thallium	1.0 U	3.0 U	NC
Vanadium	4.5 U	7.2 B	46
Zinc	5.1 U	7.9 UJ	NC
Cyanide	10.0 U	10.0 UJ	NC

Table 1H. Validated Laboratory Results, Split Sample
Round 1

WHC WELL ID: MW-17	SAMPLE ID: B0038D	SAMPLE ID: B0040D	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	276 U	267	3
Antimony	21.0 U	32.0 U	NC
Arsenic	2.5 B	3.1 B	21
Barium	21.0 J	66.1 U	104
Beryllium	1.0 U	1.5 U	NC
Cadmium	2.0 U	3.3 U	NC
Calcium	24300	18400 J	28
Chromium	8.3 U	4.0 U	NC
Cobalt	3.0 U	9.2 U	NC
Copper	2.0 U	2.0 U	NC
Iron	412	182	77
Lead	2.3 UJ	1.0 U	NC
Magnesium	5340	4100 B	26
Manganese	68.2	45.7 J	40
Mercury	0.20 U	0.20 U	NC
Nickel	7.0 U	10.5 U	NC
Potassium	3490 B	2930 B	17
Selenium	1.0 U	2.0 U	NC
Silver	2.0 U	2.0 U	NC
Sodium	17500 J	13100 J	29
Thallium	1.0 U	3.0 U	NC
Vanadium	2.6 U	6.0 U	NC
Zinc	3.5 U	29.0 UJ	NC

Table 1L Validated Laboratory Results, Split Sample
Round 1

WHC WELL ID: MW-8	SAMPLE ID: B00041	SAMPLE ID: B0042T	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	105 U	99.1 U	NC
Antimony	21.0 UJ	33.6 B	46
Arsenic	5.7 B	7.5 B	27
Barium	51.8 B	102 U	65
Beryllium	1.0 U	1.5 U	NC
Cadmium	2.0 U	2.3 U	NC
Calcium	54200 J	53800 J	1
Chromium	4.3 U	4.0 U	NC
Cobalt	3.0 U	9.7 U	NC
Copper	2.0 U	2.0 U	NC
Iron	114	13.8 U	157
Lead	3.1 UJ	1.0 U	NC
Magnesium	13400	13500	1
Manganese	51.0 J	47.7 J	7
Mercury	0.20 U	0.20 U	NC
Nickel	16.8 U	10.1 U	NC
Potassium	5320	5420	2
Selenium	1.0 U	2.0 U	NC
Silver	2.0 U	2.0 U	NC
Sodium	20400 J	19300 J	6
Thallium	1.0 U	3.0 U	NC
Vanadium	9.6 B	6.0 U	46
Zinc	6.9 U	6.8 UJ	NC
Cyanide	10 U	10.0 UJ	NC
Organics (results in ug/L)			
1,1,1-Trichloroethane	0.8 J		NC

Table 1J. Validated Laboratory Results, Split Sample
Round 1

WHC WELL ID: MW-8	SAMPLE ID: B0041D	SAMPLE ID: B0042D	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	104 U	212 U	NC
Antimony	21.0 U	32.0 U	NC
Arsenic	5.9 B	7.4 B	23
Barium	49.6 J	103 U	70
Beryllium	1.0 U	1.4 U	NC
Cadmium	2.0 U	3.0 U	NC
Calcium	54400	55400 J	2
Chromium	2.2 U	4.0 U	NC
Cobalt	3.0 U	9.8 U	NC
Copper	2.0 U	2.0 U	NC
Iron	28.8 U	105 U	NC
Lead	1.6 UJ	1.0 U	NC
Magnesium	13200	13600	3
Manganese	40.3	40.8 J	1
Mercury	0.20 U	0.20 U	NC
Nickel	7.0 U	10.0 U	NC
Potassium	5160	5440	5
Selenium	1.0 U	2.0 U	NC
Silver	2.8 B	2.0 U	33
Sodium	19600 J	19600 J	0
Thallium	1.0 U	3.0 U	NC
Vanadium	9.6	8.1 B	17
Zinc	9.5 U	85.8 J	160

Table 2A. Validated Laboratory Results, Duplicate Sample
Round 2 (Sheet 1 of 2)

WHC WELL ID: MW-12	SAMPLE ID: B00087	SAMPLE ID: B00091	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	331	137 U	83
Antimony	17.0 U	17.0 U	NC
Arsenic	2.5 B	3.6 B	36
Barium	113 B	114 B	1
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	115000	116000	1
Chromium	17.0	16.8	1
Cobalt	3.0 U	3.0 U	NC
Copper	5.3 B	3.5 B	41
Iron	388	99.5 U	118
Lead	2.0 UJ	2.0 UJ	NC
Magnesium	23800	23800	0
Manganese	41.2	38.4	7
Mercury	0.20 U	0.20 U	NC
Nickel	15.0 U	15.0 U	NC
Potassium	9040	9150	1
Selenium	2.0 U	2.0 U	NC
Silver	3.0 U	3.0 U	NC
Sodium	32800 J	33000 J	1
Thallium	2.0 U	2.0 U	NC
Vanadium	7.3 U	7.4 U	NC
Zinc	2.0 U	2.0 U	NC
Organics (results in ug/L)			
1,1,1-Trichloroethane	2	2	0
Trichloroethene	110 D	97 D	13
Tetrachloroethene	0.7 J	0.7 J	0
Unknown TIC @ 32.24 min.		5.3 JX	NC
Unknown TIC @ 33.67 min.		13 JX	NC
Unknown TIC @ 35.14 min.		12 JX	NC

Table 2A. Validated Laboratory Results, Duplicate Sample
Round 2 (Sheet 2 of 2)

WHC WELL ID: MW-12	SAMPLE ID: B00087	SAMPLE ID: B00091	RPD
General Chemistry (results in ug/L)			
Alkalinity as $CaCO_3$	180	180	0
Ammonia as N	0.02 U	0.02 U	NC
Bromide	0.2 U	0.2 U	NC
Chemical O_2 Demand	9	8	12
Chloride	16.0	16.2	1
Conductivity	900	900	0
Dissolved Solids	660	310	72
Fluoride	0.3	0.3	0
Nitrate/Nitrogen	49.0	48.3	1
Nitrate/Nitrite/ Nitrogen	52.1	50.4	3
Sulfate	81.7	81.8	0
Total Organic Carbon	2.1	1.0	71
Total Organic Halides	0.06	0.06	0
Tubidity, NTU	8 J	2 J	120
pH	7.6	7.6	0
CN	0.01 U	0.01 U	NC
TP	0.03	0.03	0
Phosphate	0.5 U	0.5 U	NC

Table 2B. Validated Laboratory Results, Duplicate Sample
Round 2

WHC WELL ID: MW-12	SAMPLE ID: B00088	SAMPLE ID: B00092	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	110 U	98.2 U	NC
Antimony	17.0 U	17.0 U	NC
Arsenic	2.7 B	2.0 U	30
Barium	111 B	114 B	3
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	116000	117000	1
Chromium	5.0 U	5.0 U	NC
Cobalt	3.0 U	3.0 U	NC
Copper	2.0 U	5.2 B	89
Iron	45.5 U	58.6 U	NC
Lead	2.0 U	2.0 U	NC
Magnesium	23900	24600	3
Manganese	36.8	40.2	9
Mercury	0.20U	0.20U	NC
Nickel	15.0 U	15.0 U	NC
Potassium	8910	8960	1
Selenium	2.0 U	2.0 U	NC
Silver	3.0 U	3.0 U	NC
Sodium	32900 J	33700 J	2
Thallium	2.0 U	2.0 U	NC
Vanadium	6.4 U	4.4 U	NC
Zinc	2.0 U	21.4	170

Table 2C. Validated Laboratory Results, Duplicate Sample
Round 2

WHC WELL ID: MW-12	SAMPLE ID: B00089	SAMPLE ID: B00093	RPD
General Chemistry (results in mg/L, except where noted)			
Chloride	17	16	6
Fluoride	0.37	0.39	5
Nitrate as N	49.7	48.3	3
Nitrite as N	2.3	.2 U	168
Phosphate	0.5U	0.5U	NC
Sulfate	92	87	6
Coliform Colonies/ MPN 100ml	2 U	2 U	NC
Nitrate as N	220.1	213.9	3

Table 2D. Validated Laboratory Results, Duplicate Sample Round 2

WHC WELL ID: MW-17	SAMPLE ID: B000L1	SAMPLE ID: B000L5	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	217	237	9
Antimony	17 U	22.1 U	NC
Arsenic	2.7 B	2.8 B	4
Barium	23.6 B	23.6 B	0
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	23800	23800	0
Chromium	13.5	6.6 B	69
Cobalt	3.0 U	3.0 U	NC
Copper	10.9 U	2.2 U	NC
Iron	207	160 U	26
Lead	3.8 J	2.0 U	62
Magnesium	4340 B	4720 B	8
Manganese	100	95.4	5
Mercury	0.20 U	0.20 U	NC
Nickel	15.0 U	15.0 U	NC
Potassium	3130 B	3340 B	6
Selenium	2.0 UJ	2.0 UJ	NC
Silver	3.0 U	3.0 U	NC
Sodium	20200 J	20400 J	1
Thallium	4.0 U	4.0 U	NC
Vanadium	3.0 U	3.0 U	NC
Zinc	13.6 UJ	9.3 UJ	NC
Organics (results in ug/L)			
Bis(2-Ethylhexyl) phthalate	2 J	10 U	133

Table 2E. Validated Laboratory Results, Duplicate Sample
Round 2 (Sheet 1 of 2)

WHC WELL ID: MW-17	SAMPLE ID: B000L2	SAMPLE ID: B000L6	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	121 U	112 U	NC
Antimony	17.0 U	17.0 U	NC
Arsenic	2.0 U	2.0 U	NC
Barium	18.0 B	18.6 B	3
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	26700	26800	0
Chromium	5.0 U	5.0 U	NC
Cobalt	3.0 U	3.0 U	NC
Copper	2.0 U	2.0 U	NC
Iron	23.2 U	15.0 U	NC
Lead	10.0 U	2.0 UJ	NC
Magnesium	5600	5610	0
Manganese	102	103	1
Mercury	0.20 U	0.20 U	NC
Nickel	15.0 U	15.0 U	NC
Potassium	4110 U	4020 U	NC
Selenium	2.0 UJ	2.0 UJ	NC
Silver	3.0 U	3.0 U	NC
Sodium	20900 J	20400 J	2
Thallium	4.0 U	4.0 U	NC
Vanadium	3.7 B	3.0 U	21
Zinc	18.3 U	15.9 U	NC
General Chemistry (results in mg/L, except where noted)			
Alkalinity as $CaCO_3$	110	111	1

Table 2E. Validated Laboratory Results, Duplicate Sample
Round 2 (Sheet 2 of 2)

WHC WELL ID: MW-17	SAMPLE ID: B000L2	SAMPLE ID: B000L6	RPD
Ammonia as N	0.02 U	0.02 U	NC
Bromide	0.2 U	0.2 U	NC
Chemical O_2 Demand	5 U	5 U	NC
Chloride	2.6	2.6	0
Conductivity	260	260	0
Total Dissolved Solids	180	200	11
Fluoride	0.3	0.3	0
Nitrate as N	0.1 U	0.1 U	NC
Nitrate/Nitrite/Nitrogen	0.05 U	0.05 U	NC
Sulfate	15.6	15.4	1
Total Organic Carbon	0.1 U	.1 U	NC
Total Organic Halides	0.01 UJ	0.01 UJ	NC
Turbidity, NTU	1.8	1.6	12
pH	8.1	8.1	0
TP	0.70	0.66	6
CN	0.01 U	0.01 U	NC
Phosphate	2.4	2.6	8

Table 2F. Validated Laboratory Results, Duplicate Sample
Round 2

WHC WELL ID: MW-17	SAMPLE ID: B000L3	SAMPLE ID: B009W9	RPD
General Chemistry (results in mg/L, except where noted)			
Chloride	2.86	2.90	1
Fluoride	0.25	0.25	0
Nitrate as N	0.05	0.05	0
Nitrite as N	.2 U	.2 U	0
Phosphate	2.25	2.41	7
Sulfate	14.9	15.1	1
Coliform Colonies	2 U	2 U	NC
Nitrate	0.22	0.22	0

Table 2G. Validated Laboratory Results, Split Sample
Round 2 (Sheet 1 of 2)

WHC WELL ID: MW-14	SAMPLE ID: B00100	SAMPLE ID: B000F8	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	99.6 U	29.1 U	NC
Antimony	17.0 U	40.0 U	NC
Arsenic	2.0 U	2.6 B	26
Barium	105 B	80.1 B	27
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	5.0 U	NC
Calcium	112000	84200	28
Chromium	5.0 U	16.3	106
Cobalt	3.0 U	10.0 U	NC
Copper	5.2 B	5.0 U	4
Iron	34.0 U	127 U	NC
Lead	2.4 J	3.0 U	22
Magnesium	24600	18200	30
Manganese	214	13.7B	176
Mercury	0.20 U	0.20 U	NC
Nickel	15.0 U	20.0 U	NC
Potassium	10100	8320 J	19
Selenium	2.0 U	3.0 UJ	NC
Silver	3.0 U	10.0 U	NC
Sodium	34300 J	26500	26
Thallium	2.0 U	2.0 U	NC
Vanadium	3.0 U	10.0 U	NC
Zinc	4.2 B	17.4 U	122
Cyanide		10.0 U	NC
Organics (results in ug/L)			
1,1,1-Trichloroethane	1	1 J	0
Trichloroethene	73 D	83	13
Tetrachloroethene	0.6 J	5 U	157
Unk. Hydrocarbon @ (TIC 26.69 min.)		10 J	NC

Table 2G. Validated Laboratory Results, Split Sample
Round 2 (Sheet 2 of 2)

WHC WELL ID: MW-14	SAMPLE ID: B00100	SAMPLE ID: B000F8	RPD
Unk. Alkane (TIC @ 27.64 min.)		24 J	NC
Unk. Alkane (TIC @ 28.52 min.)		52 J	NC
Unk. Alkane (TIC @ 29.37 min.)		60 J	NC
Unk. Alkane (TIC @ 30.19 min.)		58 J	NC
Unk. Alkane (TIC @ 32.04 min.)		44 J	NC
Unk. Alkane (TIC @ 33.19 min.)		36 J	NC
Unk. Alkane (TIC @ 34.52 min.)		24 J	NC
Unk. Alkane (TIC @ 36.12 min.)		20 J	NC
Unk. Alkane (TIC @ 38.04 min.)		14 J	NC

Table 2H. Validated Laboratory Results, Split Sample
Round 2

WHC WELL ID: MW-14	SAMPLE ID: B000F5	SAMPLE ID: B000F9	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	125 U	25.0 U	NC
Antimony	17.0 U	40.0 U	NC
Arsenic	2.0 U	2.4 B	18
Barium	105 B	79.6 B	28
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	5.0 U	NC
Calcium	114000	85200	29
Chromium	7.9 B	10.0 U	23
Cobalt	3.0 U	10.0 U	NC
Copper	6.1 B	5.0 U	20
Iron	36.9 U	39.7 U	NC
Lead	2.0 U	3.0 U	NC
Magnesium	25300	18400	32
Manganese	216	7.4 B	187
Mercury	0.20 U	0.20 U	NC
Nickel	15.0 U	20.0 U	NC
Potassium	10300	8370 J	21
Selenium	2.0 U	3.0 UJ	NC
Silver	3.0 U	10.0 U	NC
Sodium	35200 J	26800	27
Thallium	2.0 U	2.0 U	NC
Vanadium	3.0 U	10.0 U	NC
Zinc	5.0 B	12.1 U	83

Table 2L Validated Laboratory Results, Split Sample
Round 2

WHC WELL ID: MW-6	SAMPLE ID: B000H3	SAMPLE ID: B000J6	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	165 U	66.9 U	NC
Antimony	17.0 U	40.0 U	NC
Arsenic	3.0 J	2.6 B	14
Barium	50.5 B	48.8 B	3
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	5.0 U	NC
Calcium	41100	39800	3
Chromium	17.7 J	15.9	11
Cobalt	3.0 U	10.0 U	NC
Copper	3.2 U	5.0 U	NC
Iron	133 UJ	169 U	NC
Lead	2.0 U	3.0 U	NC
Magnesium	8520 J	9270	8
Manganese	9.9 B	10.6 B	7
Mercury	0.20 U	0.20 U	NC
Nickel	22.5 B	20.0 U	12
Potassium	5340	6440 J	19
Selenium	2.0 UJ	3.0 UJ	NC
Silver	3.0 U	10.0 U	NC
Sodium	23400 J	22200	5
Thallium	4.0 U	2.0 U	NC
Vanadium	6.9 B	10.0 U	37
Zinc	2.0 U	13.4 U	NC
Cyanide		10.0 U	NC
Organics (results in ug/L)			
Unk. Hydrocarbon (TIC @ 28.52 min.)		8.0J	NC
Unk. (TIC @ 30.21 min.)		10 J	NC
1,1,1-Trichloroethane	0.9 J	1 J	11
Tetrachloroethene	0.8 J	5 U	145

Table 2J. Validated Laboratory Results, Split Sample
Round 2

WHC WELL ID: MW-6	SAMPLE ID: B000H4	SAMPLE ID: B000J7	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	131 U	25.0 U	NC
Antimony	17.0 U	40.0 U	NC
Arsenic	4.3 J	2.3 B	61
Barium	46.4 B	46.7 B	1
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	5.0 U	NC
Calcium	40100	40800	2
Chromium	5.0 UJ	10.0 U	NC
Cobalt	3.0 U	10.0 U	NC
Copper	2.1 U	5.0 U	NC
Iron	18.6 UJ	25.0 U	NC
Lead	2.0 U	3.0 U	NC
Magnesium	8570 J	9490	10
Manganese	4.9 B	5.0 U	2
Mercury	0.20 U	0.20 U	NC
Nickel	15.0 U	20.0 U	NC
Potassium	5470	6580 J	18
Selenium	2.0 UJ	3.0 UJ	NC
Silver	3.0 U	10.0 U	NC
Sodium	22400 J	22300	0
Thallium	4.0 U	2.0 U	NC
Vanadium	6.3 B	10.0 U	45
Zinc	2.3 B	8.0 U	111

Table 2K. Laboratory Results, Duplicate Sample
Round 2

WHC WELL ID: MW-12	SAMPLE ID: B00090	SAMPLE ID: B00094	RPD
Radionuclides (results in pCi/L)			
Alpha	4.840 +/- 2.480	3.640 +/- 2.400	28
Beta	87.640 +/- 6.900	77.170 +/- 6.600	13
Cesium-137 (Cs-137)	14.000 +/- 36.000	9.000 +/- 31.000	43
Tritium (H3)	-440.000 U +/- 670.000	-420.000 U +/- 670.000	NC
Radium (RA)	.330 U +/- .490	.230 U +/ .510	NC
Strontium (SR)	-1.010 U +/- 1.300	-1.010 U +/- 1.300	NC

Table 2L. Laboratory Results, Duplicate Sample
Round 2

WHC WELL ID: MW-17	SAMPLE ID: B000L4	SAMPLE ID: B009X0	RPD
Radionuclides (results in pCi/L)			
Alpha	.890 U +/- 1.900	.560 U +/- 1.800	NC
Beta	.890 U +/- 3.800	5.370 U +/- 4.000	NC
Cesium-137 (Cs-137)	NA	NA	NC
Tritium (H3)	-400.000 U +/- 670.000	-660.000 U +/- 670.000	NC
Radium (RA)	-.720 U +/- .510	-.640 U +/- .510	NC
Strontium (SR)	-2.040 U +/- 1.500	-1.840 U +/- 1.500	NC

Table 3A. Validated Laboratory Results, Duplicate Sample
Round 2 (Sheet 2 of 2)

WHW WELL ID: MW-12	SAMPLE ID: B00B31	SAMPLE ID: B00CP5	RPD
General Chemistry (results in mg/L, except where noted)			
Alkalinity as $CaCO_3$	170	170	0
Ammonia as N	0.02 U	0.02 U	NC
Bromide	2 U	2 U	NC
Chemical 0_2 Demand	6	34	140
Chloride	17.5	17.4	1
Conductivity, µS/Cm	885	890	1
Total Dissolved Solids	700	660	6
Fluoride	0.4 J	0.4 J	NC
Nitrate as N	56.7	70.0	21
Phosphate	0.7 U	0.8	13
Sulfate	81.4	80.6	1
Total Organic Carbon	0.3	0.2	40
Total Organic Halides	0.078 J	0.061 J	24
Turbidity, NTU	0.88	2.7	102
pH	7.7	7.6	1

Table 3B. Validated Laboratory Results, Duplicate Sample
Round 3

WHC ID : MW-12	SAMPLE ID: B00B32	SAMPLE ID: B00CP6	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	49.0 U	49.0 U	NC
Antimony	27.0 U	27.0 U	NC
Arsenic	3.3 B	3.3 B	0
Barium	111 B	105 B	6
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	116000	110000	5
Chromium	4.0 U	4.0 U	NC
Cobalt	2.4 B	2.0 U	NC
Copper	4.7 B	5.6 B	17
Iron	13.0 U	13.0 U	NC
Lead	2.0 UJ	2.0 UJ	NC
Magnesium	24200	22900	6
Manganese	5.2 B	5.9 B	13
Mercury	0.20 U	0.20 U	NC
Nickel	21.0 U	21.0 U	NC
Potassium	8600	8770	2
Selenium	2.0 U	2.0 UJ	NC
Silver	4.0 U	4.0 U	NC
Sodium	31800 J	31200 J	2
Thallium	1.0 U	1.0 U	NC
Vanadium	5.8 B	6.9 B	17
Zinc	2.0 UJ	2.0 UJ	NC

Table 3C. Validated Laboratory Results, Duplicate Sample
Round 3

WHC WELL ID: MW-12	SAMPLE ID: B00B33	SAMPLE ID: B00CP7	RPD
General Chemistry (results in mg/L, except where noted)			
Chloride	18	16	12
Fluoride	0.4	0.4	0
Nitrate as N	49	49	NC
Nitrite as N	0.06 U	0.5 U	NC
Phosphate	0.5 U	0.5 U	NC
Sulfate	80	67	18
Turbidity, NTU	1 U	1 U	NC
Coliform Colonies/100 ml	2 U	2 U	NC

Table 3D. Validated Laboratory Results, Duplicate Sample
Round 3

WHC WELL ID: MW-2	SAMPLE ID: B00CP1	SAMPLE ID: B00CY5	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	221 U	217 U	NC
Antimony	20.0 U	20.0 U	NC
Arsenic	4.8 UJ	4.1 UJ	NC
Barium	53.4 B	54.1 B	1
Beryllium	1.0 U	1.0 U	NC
Cadmium	5.0 U	5.0 U	NC
Calcium	44100	44000	1
Chromium	6.7 B	14.5	74
Cobalt	2.0 U	2.0 U	NC
Copper	6.0 U	6.0 U	NC
Iron	121	202	50
Lead	2.0 U	2.0 U	NC
Magnesium	9780	9620	2
Manganese	22.9	26.6	15
Mercury	0.20 U	0.25 J	22
Nickel	20.0 U	20.0 U	NC
Potassium	5750	5660	2
Selenium	2.0 U	2.0 U	NC
Silver	3.0 U	3.0 U	NC
Sodium	23800	23000	3
Thallium	3.0 UJ	3.0 UJ	NC
Vanadium	5.2 U	5.8 U	NC
Zinc	3.0 U	3.0 U	NC
Cyanide	10.0 U	NA	NC

Table 3E. Validated Laboratory Results, Duplicate Sample
Round 3

WHC WELL ID: MW-2	SAMPLE ID: B00CP2	SAMPLE ID: B00CY6	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	49.0 U	49.0 U	NC
Antimony	27.0 U	27.0 U	NC
Arsenic	5.1 B	5.4 B	6
Barium	53.3 B	54.6 B	2
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	44200	44600	1
Chromium	4.0 U	4.0 U	NC
Cobalt	2.0 U	2.0 U	NC
Copper	3.0 U	3.0 U	NC
Iron	13.0 U	13.0 U	NC
Lead	2.0 U	2.0 U	NC
Magnesium	9730	9860	1
Manganese	18.2	17.3	5
Mercury	0.20 U	0.20 U	NC
Nickel	21.0 U	21.0 U	NC
Potassium	6260	6140	2
Selenium	2.0 UJ	2.6 J	26
Silver	4.0 U	4.0 U	NC
Sodium	22100 J	22100 J	0
Thallium	1.0 U	1.0 U	NC
Vanadium	6.9 B	5.9 B	16
Zinc	2.0 UJ	2.0 UJ	NC

Table 3F. Validated Laboratory Results, Duplicate Sample
Round 3

WHC WELL ID: MW-17	SAMPLE ID: B00CS3	SAMPLE ID: B00CY1	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	223 U	314	34
Antimony	27.0 U	27.0 U	NC
Arsenic	6.3 B	3.3 B	63
Barium	21.4 B	21.4 B	0
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	24200	23700	2
Chromium	4.0 U	8.6 B	73
Cobalt	2.0 U	2.0 U	NC
Copper	3.0 U	3.5 U	NC
Iron	199	253	24
Lead	2.0 U	2.0 U	NC
Magnesium	5390	5500	2
Manganese	104	103	1
Mercury	0.20 U	0.20 U	NC
Nickel	21.0 U	21.0 U	NC
Potassium	3510 UJ	3720 UJ	NC
Selenium	2.0 UJ	2.0 UJ	NC
Silver	4.0 U	4.0 U	NC
Sodium	16300	16500	1
Thallium	1.0 U	1.0 U	NC
Vanadium	3.7 U	3.2 U	NC
Zinc	2.0 U	2.0 U	NC
Cyanide	10.0 U	10.0 U	NC
Organics (results in ug/L)			
bis(2-Ethylhexyl)-Phthalate	6 J	10 U	50

Table 3G. Validated Laboratory Results, Duplicate Sample
Round 3 (Sheet 1 of 2)

WHC WELL ID: MW-17	SAMPLE ID: B00CS4	SAMPLE ID: B00CY2	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	92.3 U	113 U	NC
Antimony	27.0 U	27.0 U	NC
Arsenic	2.9 B	3.3 B	13
Barium	18.5 B	18.5 B	0
Beryllium	1.0 U	1.0 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	24400	24400	0
Chromium	35.3	33.9	4
Cobalt	2.0 U	2.0 U	NC
Copper	3.0 U	3.0 U	NC
Iron	114	129	12
Lead	2.0 U	2.0 U	NC
Magnesium	5240	5490	5
Manganese	98.9	100	1
Mercury	0.20 U	0.20 U	NC
Nickel	21.0 U	21.0 U	NC
Potassium	3470 B	3910 B	12
Selenium	2.0 UJ	2.0 U	NC
Silver	4.0 U	4.0 U	NC
Sodium	17900	18200	2
Thallium	1.0 U	1.0 U	NC
Vanadium	3.0 U	3.0 U	NC
Zinc	2.0 U	2.0 U	NC

Table 3G. Validated Laboratory Results, Duplicate Sample
Round 3 (Sheet 2 of 2)

WHC WELL ID: MW-17	SAMPLE ID: B00CS3	SAMPLE ID: B00CY1	RPD
General Chemistry (results in mg/L, except where noted)			
Alkalinity as Ca CO_3	107	100	7
Ammonia as N	0.02 U	0.02 U	NC
Bromide	0.2 U	0.2 U	NC
Chemical O_2 Demand	5 U	5 U	NC
Chloride	2.8	2.8	0
Conductivity	250	260	4
Dissolved Solids	190	190	0
Fluoride	0.3 J	0.3 J	0
Nitrate as N	0.1 U	0.1 U	0
Phosphate	1.4	1.3	7
Sulfate	14.2	14.2	0
Total Organic Carbon	0.1 U	0.1 U	NC
Total Organic Halides	0.010 U	0.01 U	NC
Turbidity, NTU	2.6	2.5	4
pH	8.1	8.1	0

Table 3H. Validated Laboratory Results, Duplicate Sample
Round 3

WHC WELL ID: MW-17	SAMPLE ID: B00CS5	SAMPLE ID: B00CY3	RPD
General Chemistry (results in mg/L, except where noted)			
Chloride	2.8	2.7	4
Fluoride	0.2	0.2	0
Nitrate as N	0.05	0.08	46
Nitrite as N	0.6 U	0.6 U	NC
Phosphate	0.96	0.98	2
Sulfate	14	13	7
Turbidity, NTU	1.22	.86	35
Coliform, colonies MPN/100 ml	2 U	2 U	NC

Table 3I. Validated Laboratory Results, Split Sample
Round 3

WHC WELL ID: 6-S31-E13	SAMPLE ID: B00CW1	SAMPLE ID: B00B35	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	198 U	96.9 B	69
Antimony	27.0 U	50.0 U	NC
Arsenic	7.7 B	8.4 B	9
Barium	92.1 B	88.8 B	4
Beryllium	1.0 U	0.30 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	74600	76200 J	2
Chromium	5.6 B	10.0 U	56
Cobalt	2.0 U	5.0 U	NC
Copper	3.0 U	8.6 B	97
Iron	13300	10800	21
Lead	3.7	5.1 U	32
Magnesium	15400	15000	3
Manganese	165	160	3
Mercury	0.20 U	0.10 U	NC
Nickel	21.0 U	10.0 U	NC
Potassium	5720	6580	14
Selenium	2.0 U	2.0 U	NC
Silver	4.0 U	6.0 U	NC
Sodium	13600	14700	8
Thallium	1.0 U	2.9 U	NC
Vanadium	24.0 U	20.4 B	16
Zinc	68.8	68.5	0
Cyanide	10.0 U		NC

Table 3J. Validated Laboratory Results, Split Sample
Round 3

WHC WELL ID: 6-S31-E13	SAMPLE ID: B00CW2	SAMPLE ID: B00B36	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	102 U	49.7 B	69
Antimony	27.0 U	50.0 U	NC
Arsenic	2.6 B	2.1 U	21
Barium	71.5 B	69.1 B	3
Beryllium	1.0 U	0.30 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	76500	75700 J	1
Chromium	19.3	10.0 U	63
Cobalt	2.0 U	5.0 U	NC
Copper	3.0 U	4.3 B	36
Iron	133	103	25
Lead	2.0 U	0.8 U	NC
Magnesium	15600	15000	4
Manganese	12.3 B	11.9 B	3
Mercury	0.20 U	0.10 U	NC
Nickel	21.0 U	10.0 U	NC
Potassium	6450	6440	0
Selenium	2.0 UJ	2.0 U	NC
Silver	4.0 U	6.0 U	NC
Sodium	15800	14600	8
Thallium	1.0 U	2.9 U	NC
Vanadium	4.3 B	5.0 U	15
Zinc	8.3 U	15.1 B	58

Table 3K. Validated Laboratory Results, Split Sample
Round 3

WHC WELL ID: MW-4	SAMPLE ID: B00CR1	SAMPLE ID: B00B37	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	183 U	31.8 B	141
Antimony	20.0 U	50.0 U	NC
Arsenic	5.6 UJ	6.0 B	7
Barium	43.9 B	42.1 B	4
Beryllium	1.0 U	0.33 B	101
Cadmium	5.0 U	3.0 U	NC
Calcium	41300	37100 J	11
Chromium	9.5 B	10.0 U	5
Cobalt	2.0 U	5.0 U	NC
Copper	6.0 U	6.6 B	10
Iron	21.1 U	33.3 B	45
Lead	2.0 U	1.6 U	NC
Magnesium	9000	8320	8
Manganese	2.0 U	1.0 B	67
Mercury	0.25 J	0.10 U	86
Nickel	20.0 U	10.0 U	NC
Potassium	3780 B	4500 B	17
Selenium	2.0 U	2.0 U	NC
Silver	3.0 U	6.0 U	NC
Sodium	14400	13500	6
Thallium	3.0 UJ	2.9 U	NC
Vanadium	7.0 U	9.1 B	26
Zinc	3.0 U	4.6 U	NC
Cyanide	10.0 U		NC
Organics (results in ug/L)			
1,1,1-Trichloroethane	2	1 J	67
Tetrachlorethene	0.9 J	5 U	139

Table 3L. Validated Laboratory Results, Split Sample
Round 3

WHC WELL ID: MW-4	SAMPLE ID: B00CR2	SAMPLE ID: B00B38	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	49.0 U	20.0 U	NC
Antimony	27.0 U	50.0 U	NC
Arsenic	4.5 B	4.2 B	7
Barium	52.7 B	41.3 B	24
Beryllium	1.0 U	0.30 U	NC
Cadmium	3.0 U	3.0 U	NC
Calcium	33100	37600 J	13
Chromium	4.0 U	10.0 U	NC
Cobalt	2.0 U	5.0 U	NC
Copper	3.0 U	4.1 B	31
Iron	13.0 U	20.6 U	NC
Lead	2.6 J	0.8 U	106
Magnesium	6860	8510	21
Manganese	11.7 B	1.0 U	169
Mercury	0.20 U	0.10 U	NC
Nickel	21.0 U	10.0 U	NC
Potassium	4830 B	4570 B	6
Selenium	2.0 UJ	2.0 U	NC
Silver	4.0 U	6.0 U	NC
Sodium	17700 J	13500	27
Thallium	1.0 U	2.9 U	NC
Vanadium	7.5 B	8.2 B	9
Zinc	2.0 UJ	3.8 U	NC

Table 3M. Laboratory Results, Duplicate Sample
Round 3

WHC WELL ID: MW-12	SAMPLE ID: B00B34	SAMPLE ID: B00CP8	RPD
Radionuclides (results in pCi/L)			
Alpha	6.650 +/- 2.000	7.340 +/- 2.100	10
Beta	91.020 +/- 6.600	100.450 +/- 6.900	10
Cesium-137 (Cs-137)	NA	NA	NC
Tritium (H3)	408.000 R +/- 680.000	-656.000 R +/- 680.000	NC
Radium (RA)	.030 U +/- .500	-.040 U +/- .400	NC
Strontium (SR)	-.440 U +/- 1.100	1.220 U +/- .700	NC

Table 3N. Laboratory Results, Duplicate Sample
Round 3

WHC WELL ID: MW-17	SAMPLE ID: B00CS6	SAMPLE ID: B00CY4	RPD
Radionuclides (results in pCi/L)			
Alpha	-.450 U +/- 2.100	-.920 U +/- 1.900	NC
Beta	5.590 U +/- 3.500	2.910 U +/- 3.400	NC
Cesium-137 (Cs-137)	NA	NA	NC
Tritium (H3)	-92.000 R +/- 664.000	-732.000 R +/- 680.000	NC
Radium (RA)	-.030 U +/- .460	.290 U +/- .400	NC
Strontium (SR)	.300 U +/- .600	.280 U +/- .600	NC

Table 4A. Validated Laboratory Results, Duplicate Sample
Round 4 (Sheet 1 of 2)

WHC WELL ID: MW-10	SAMPLE ID: B00D27	SAMPLE ID: B00D31	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	355	112 B	104
Antimony	40.0 U	40.0 U	NC
Arsenic	3.3 B	3.7 B	11
Barium	91.5 B	87.2 B	5
Beryllium	1.0 U	1.0 U	NC
Cadmium	5.0 U	5.0 U	NC
Calcium	93000	92500	1
Chromium	10.0 U	10.0 U	NC
Cobalt	10.0 U	10.0 U	NC
Copper	5.0 U	5.0 U	NC
Iron	667	243	93
Lead	3.4	3.0 U	13
Magnesium	21100	20600	2
Manganese	22.9	13.5 B	52
Mercury	0.20 U	0.20 U	NC
Nickel	20.0 U	20.0 U	NC
Potassium	8320	8330	1
Selenium	3.0 U	3.0 U	NC
Silver	10.0 U	10.0 U	NC
Sodium	30400	29400	3
Thallium	2.0 UJ	2.0 U	NC
Vanadium	10.0 U	10.0 U	NC
Zinc	8.0 U	8.0 U	NC
Cyanide	10.0 U	10.0 U	NC
Organics (results in ug/L)			
1,1,1-Trichloroethane	5 U	1 J	133
Unk. Fatty Acid (TIC @ 22.97 min)	12 J		NC
Unk. Alkane (TIC @ = 27.11 min.)	14 J	12 J	15

Table 4A. Validated Laboratory Results, Duplicate Sample
Round 4 (Sheet 2 of 2)

WHC WELL ID: MW-10	SAMPLE ID: B00D27	SAMPLE ID: B00D31	RPD
Unk. Alkane (TIC @ = 28.74 min.)	12 J	12 J	20
Unk. (TIC @ 37.36 min.)	7.8 J		NC
Diacetone Alcohol (TIC @ 6.73 min.)		7.8 J	NC
General Chemistry (results in mg/L, except where noted)			
Alkalinity as Ca CO_3	152	154	1
Ammonia as N	0.050 U	0.05 U	NC
Bromide	0.500 U	0.5 U	NC
Chemical O_2 Demand	5.00 U	5.0 U	NC
Chloride, IC	19.1	19.3	1
Conductivity	811	813	0
Total Dissolved Solids	559	549	2
Fluoride, SIE	0.356	0.324	9
Nitrate as N	38.3 J	38.2 UJ	0
Nitrite as N	0.10 J	0.10 UJ	0
Ortho Phosphate	0.10 UJ	0.10 UJ	NC
Sulfate	69.8	72.0	3
Total Organic Carbon	26	23 U	12
Total Organic Halides	0.071 U	0.13 U	NC
pH	7.38 J	7.5 J	2

Table 4B. Validated Laboratory Results, Duplicate Sample
Round 4

WHC WELL ID: MW-10	SAMPLE ID: B00D28	SAMPLE ID: B00D32	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	25.0 U	25.0 U	NC
Antimony	40.0 U	40.0 U	NC
Arsenic	3.3 B	5.1 B	43
Barium	84.2 B	85.0 B	1
Beryllium	1.0 U	1.0 U	NC
Cadmium	5.0 U	5.0 U	NC
Calcium	92100	91400	1
Chromium	10.0 U	10.0 U	NC
Cobalt	10.0 U	10.0 U	NC
Copper	5.0 U	5.0 U	NC
Iron	25.0 U	25.0 U	NC
Lead	3.0 U	3.0 U	NC
Magnesium	19600	19700	1
Manganese	8.4 B	10.5 B	22
Mercury	0.20 U	0.20 U	NC
Nickel	20.0 U	20.0 U	NC
Potassium	8120	8000	1
Selenium	3.0 UJ	3.0 UJ	NC
Silver	10.0 U	10.0 U	NC
Sodium	28200	28700	2
Thallium	2.0 U	2.0 U	NC
Vanadium	10.0 U	10.0 U	NC
Zinc	8.0 U	8.0 U	NC

Table 4C. Validated Laboratory Results, Duplicate Sample
Round 4 (Sheet 1 of 2)

WHC WELL ID: MW-5	SAMPLE ID: B00D66	SAMPLE ID: B00D70	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	25.0 U	25.0 U	NC
Antimony	40.0 U	40.0 U	NC
Arsenic	7.0 B	6.6 B	6
Barium	54.1 B	54.6 B	1
Beryllium	1.0 U	1.0 U	NC
Cadmium	5.0 U	5.0 U	NC
Calcium	34100	33900	1
Chromium	10.0 U	10.0 U	NC
Cobalt	10.0 U	10.0 U	NC
Copper	5.0 U	5.0 U	NC
Iron	25.0 U	25.0 U	NC
Lead	3.0 U	3.0 U	NC
Magnesium	7140 J	7120 J	0
Manganese	5.9 B	6.9 B	16
Mercury	0.20 U	0.20 U	NC
Nickel	20.0 U	20.0 U	NC
Potassium	5000	4900 B	2
Selenium	3.0 UJ	3.0 UJ	NC
Silver	10.0 U	10.0 U	NC
Sodium	17900 J	17300 J	3
Thallium	2.0 UJ	2.0 UJ	NC
Vanadium	10.0 U	10.0 U	NC
Zinc	8.0 U	8.0 U	NC
Cyanide	10.0 U	10.0 U	NC
Organics (results in ug/L)			
1,1,1-Trichloroethane	3 J	3 J	0
Ethanol, 2-chloro-phosphat (TIC @ 20.89 min.)	76 J	80 J	5

Table 4C. Validated Laboratory Results, Duplicate Sample
Round 4 (Sheet 2 of 2)

WHC WELL ID: MW-5	SAMPLE ID: B00D66	SAMPLE ID: B00D70	RPD
General Chemistry (results in ug/L, except where noted)			
Alkalinity as Ca CO_3	126	128	2
Ammonia as N	0.05 U	0.05 U	NC
Bromide	0.50 U	0.5 U	NC
Chemical O_2 Demand	5.00 U	5.00 U	NC
Chloride IC	6.08	5.87	4
Conductivity	314	311	1
Total Dissolved Solids	201	197	2
Fluoride SIE	0.276	0.293	6
Nitrate as N	1.65 J	1.65 J	0
Nitrite as N	0.100 UJ	0.100 UJ	NC
Ortho Phosphate	0.100 UJ	0.100 UJ	NC
Sulfate	18.1	18.3	1
Total Organic Carbon	12 U	14 U	NC
Total Organic Halides	0.102 U	0.100 U	NC
pH	7.31 J	7.40 J	1

Table 4D. Validated Laboratory Results, Duplicate Sample
Round 4

WHC WELL ID: MW-5	SAMPLE ID: B00D67	SAMPLE ID: B00D71	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	25.0 U	31.2 U	NC
Antimony	40.0 U	40.0 U	NC
Arsenic	5.8 UJ	5.8 UJ	NC
Barium	54.4 B	53.1 B	2
Beryllium	1.0 U	1.0 U	NC
Cadmium	5.0 U	5.0 U	NC
Calcium	33500	33600	0
Chromium	10.0 U	10.0 U	NC
Cobalt	10.0 U	10.0 U	NC
Copper	5.0 U	5.0 U	NC
Iron	25.0 U	35.1 B	34
Lead	3.0 U	3.0 U	NC
Magnesium	6990	7020	0
Manganese	5.0 U	5.0 U	NC
Mercury	0.20 U	0.20 U	NC
Nickel	20.0 U	20.0 U	NC
Potassium	4950 B	4910 B	1
Selenium	3.0 UJ	3.0 UJ	NC
Silver	10.0 U	10.0 U	NC
Sodium	17900	18000	1
Thallium	2.0 U	2.0 UJ	NC
Vanadium	10.0 U	10.0 U	NC
Zinc	8.0 U	8.9 U	NC

Table 4E. Validated Laboratory Results, Split Sample
Round 4 (Sheet 1 of 2)

WHC WELL ID: MW-7	SAMPLE ID: B00D82	SAMPLE ID: B00D86	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	25.0 U	34.2 B	31
Antimony	40.0 U	50.0 U	NC
Arsenic	8.2 B	7.4 J	10
Barium	40.1 B	39.4 B	2
Beryllium	1.0 U	0.30 U	NC
Cadmium	5.0 U	3.0 U	NC
Calcium	46800	46900	0
Chromium	10.0 U	11.9	17
Cobalt	10.0 U	5.0 U	NC
Copper	5.0 U	4.0 U	NC
Iron	78.5 B	41.5 B	62
Lead	3.0 U	1.5 U	NC
Magnesium	9200 J	9250	1
Manganese	5.0 U	1.0 B	133
Mercury	0.20 U	0.10 UJ	NC
Nickel	20.0 U	10.0 U	NC
Potassium	6300	5760	9
Selenium	3.0 UJ	1.7 UJ	NC
Silver	10.0 U	6.0 U	NC
Sodium	22400 J	21100 J	6
Thallium	2.0 UJ	3.0 U	NC
Vanadium	12.4 B	11.2 B	10
Zinc	8.0 U	1.3 B	144
Cyanide	10.0 U		NC
Organics (results in ug/L)			
Phenol	12 U	10 U	NC

Table 4E. Validated Laboratory Results, Split Sample
Round 4 (Sheet 2 of 2)

WHC WELL ID: MW-7	SAMPLE ID: B00D82	SAMPLE ID: B00D86	RPD
General Chemistry (results in mg/L, except where noted)			
Alkalinity as Ca CO_3	161	156	3
Ammonia as N	0.05 U	0.20 U	NC
Bromide	0.5 U	1 U	NC
Chemical O_2 Demand	5 U	5 U	NC
Chloride, IC	10.8	11	2
Conductivity	425	405	5
Total Dissolved Solids	274	284	4
Fluoride, SIE	0.363	0.3	19
Nitrate	NA	8 J	NC
Nitrate as N	2.11 J	NA	NC
Nitrite	NA	1 UJ	NC
Nitrite as N	0.100 UJ	NA	NC
Ortho Phosphate	0.100 UJ	1 U	NC
Sulfate	35.1	34	3
Total Organic Carbon	15 U	1	175
Total Organic Halides	0.054 U	10 UJ	NC
Turbidity, NTU	NA	0.3 J	NC
pH	7.57 J	8.06 J	6

Table 4F. Validated Laboratory Results, Split Sample
Round 4

WHC WELL ID: MW-7	SAMPLE ID: B00D83	SAMPLE ID: B00D87	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	25.0 U	122 B	132
Antimony	40.0 U	50.0 U	NC
Arsenic	7.7 UJ	6.6 J	15
Barium	39.0 B	41.6 B	6
Beryllium	1.0U	0.30 U	NC
Cadmium	5.0 U	3.0 U	NC
Calcium	46600	46900	1
Chromium	10.0 U	10.0 U	NC
Cobalt	10.0 U	5.0 U	NC
Copper	5.0 U	4.0 U	NC
Iron	25.0 U	183	152
Lead	3.0 U	1.5 U	NC
Magnesium	9070	9260	2
Manganese	5.0 U	12.8 B	88
Mercury	0.20 U	0.10 UJ	NC
Nickel	20.0 U	14.3 B	33
Potassium	6450	5740	12
Selenium	3.0 UJ	1.7 UJ	NC
Silver	10.0 U	6.0 U	NC
Sodium	21900	21100 J	4
Thallium	2.0 UJ	3.0 U	NC
Vanadium	11.9 B	11.9 B	0
Zinc	8.0 U	4.4 B	58

Table 4G. Validated Laboratory Results, Split Sample
Round 4 (Sheet 1 of 2)

WHC WELL ID: MW-11	SAMPLE ID: B00D35	SAMPLE ID: B00D39	RPD
Unfiltered Inorganics (results in ug/L)			
Aluminum	112 B	97.8 U	14
Antimony	40.0 U	50.0 U	NC
Arsenic	2.0 B	2.1 B	5
Barium	90.6 B	90.6 B	0
Beryllium	1.0 U	0.30 U	NC
Cadmium	5.0 U	3.0 U	NC
Calcium	99200	106000	7
Chromium	10.0 U	10.0 U	NC
Cobalt	10.0 U	5.0 U	NC
Copper	5.0 U	6.5 U	NC
Iron	230	109	71
Lead	3.0 U	1.5 U	NC
Magnesium	22700	21300	6
Manganese	107	114	6
Mercury	0.20 U	0.10 U	NC
Nickel	20.0 U	10.0 U	NC
Potassium	9170	9960	8
Selenium	3.0 U	1.7 UJ	NC
Silver	10.0 U	6.0 U	NC
Sodium	31400	32400	3
Thallium	2.0 UJ	3.0 U	NC
Vanadium	10.0 U	5.0 U	NC
Zinc	8.0 U	4.1 U	NC
Cyanide	10.0 U	NA	NC
Organics (results in ug/L)			
Trichloroethene	3	3 J	0
1,1,1-Trichloroethane	1 J	5 U	NC
Unk. Alkane (TIC @ 27.09 min.)	15 J		NC

Table 4G. Validated Laboratory Results, Split Sample
Round 4 (Sheet 2 of 2)

WHC WELL ID: MW-11	SAMPLE ID: B00D35	SAMPLE ID: B00D39	RPD
Unk. Alkane (TIC @ 28.74 min.)	11 J		NC
General Chemistry (results in mg/L, except where noted)			
Alkalinity as Ca CO_3	151	151 J	0
Ammonia as N	0.237	0.26	9
Bromide	0.500 U	NA	NC
Chemical O_2 Demand	5.00 U	7	33
Chloride, IC	18.5	33	56
Conductivity	886	898	1
Total Dissolved Solids	600	922	42
Fluoride, SIE	0.290	0.3	3
Nitrate as N	46.5 J	80	53
Nitrite as N	0.736 UJ	NA	NC
Ortho Phosphate	0.100 UJ	NA	NC
Sulfate	75.4	11300	197
Total Organic Carbon	28	2	173
Total Organic Halides	0.077 U	10 UJ	NC
pH	7.57 J	8.0 J	6
Turbidity, NTU	NA	6.0 J	NC

Table 4H. Validated Laboratory Results, Split Sample
Round 4

WHC WELL ID: MW-11	SAMPLE ID: B00D36	SAMPLE ID: B00D40	RPD
Filtered Inorganics (results in ug/L)			
Aluminum	25.0 U	48.4 U	NC
Antimony	40.0 U	50.0 U	NC
Arsenic	2.1 B	1.6 U	27
Barium	88.1 B	90.6 B	3
Beryllium	1.0 U	0.30 U	NC
Cadmium	5.0 U	4.1 U	NC
Calcium	101000	106000	5
Chromium	10.0 U	10.0 U	NC
Cobalt	10.0 U	5.0 U	NC
Copper	5.0 U	5.0 U	NC
Iron	25.0 U	15.6 U	NC
Lead	3.0 U	1.5 U	NC
Magnesium	21900	21100	4
Manganese	96.1	93.1	3
Mercury	0.20 U	0.10 U	NC
Nickel	20.0 U	10.0 U	NC
Potassium	9020	10100	11
Selenium	3.0 UJ	1.7 UJ	NC
Silver	10.0 U	6.0 U	NC
Sodium	30800	32500	5
Thallium	2.0 UJ	3.0 U	NC
Vanadium	10.0 U	5.0 U	NC
Zinc	8.0 U	6.5 U	NC

Table 4I. Laboratory Results, Duplicate Sample
Round 4

WHC WELL ID: MW-10	SAMPLE ID: B00D29	SAMPLE ID: B00D33	RPD
Radionuclides (results in pCi/L)			
Alpha	6.570 +/- 1.900	4.770 +/- 1.700	32
Beta	88.880 +/- 6.600	88.090 +/- 6.600	.9
Cesium-137 (Cs-137)	NA	NA	NC
Tritium (H3)	-730.000 U +/- 410.000	-370.000 U +/- 420.000	NC
Radium (RA)	.630 U +/- .400	.650 U +/- .500	NC
Strontium (SR)	-.445 U +/- .800	.698 U +/- .700	NC
Uranium-234 (U-234)	1.250 +/- 1.400	.811 +/- 1.100	43
Uranium-235 (U-235)	0.000 +/- 1.400	.405 +/- .810	200
Uranium-238 (U-238)	.834 +/- 1.700	4.460 +/- 2.900	137

Table 4J. Laboratory Results, Duplicate Sample
Round 4

WHC WELL ID: MW-5	SAMPLE ID: B00D68	SAMPLE ID: B00D72	RPD
Radionuclides (results in pCi/L)			
Alpha	-.190 U +/- 1.700	-.230 U +/- 1.700	NC
Beta	8.920 +/- 3.500	8.380 +/- 3.500	6
Cesium-137 (Cs-137)	NA	NA	NC
Tritium (H3)	-230.000 U +/- 280.000	-2.600 U +/- 270.000	NC
Radium (RA)	-6.000 U +/- .900	-.050 U +/- 1.000	NC
Strontium (SR)	-.063 U +/- .790	.017 U +/- .840	NC

APPENDIX C

GROUNDWATER POTENTIOMETRIC DATA AND MAPS

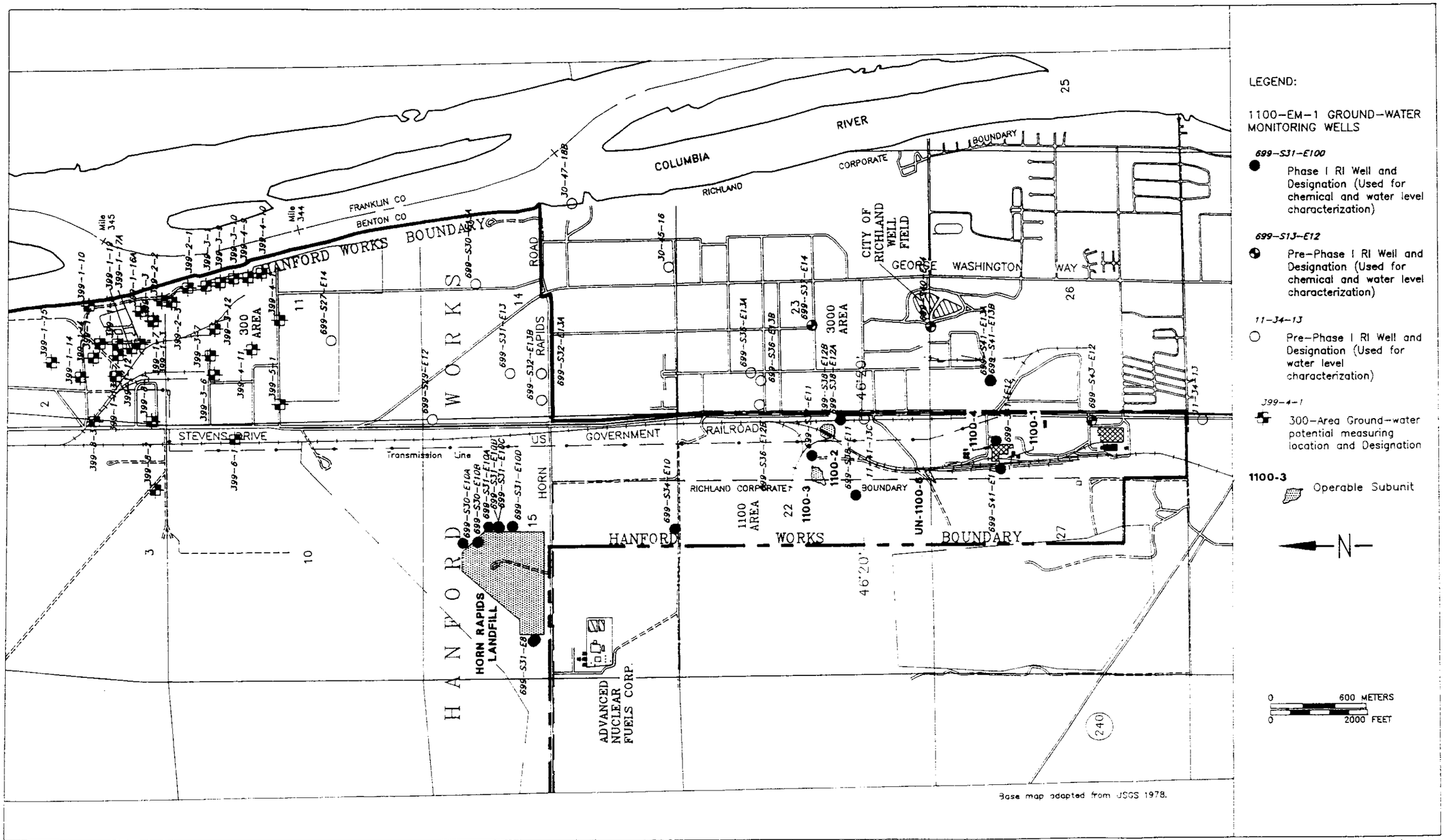

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Figure 1. Ground-Water Potential Measuring Locations

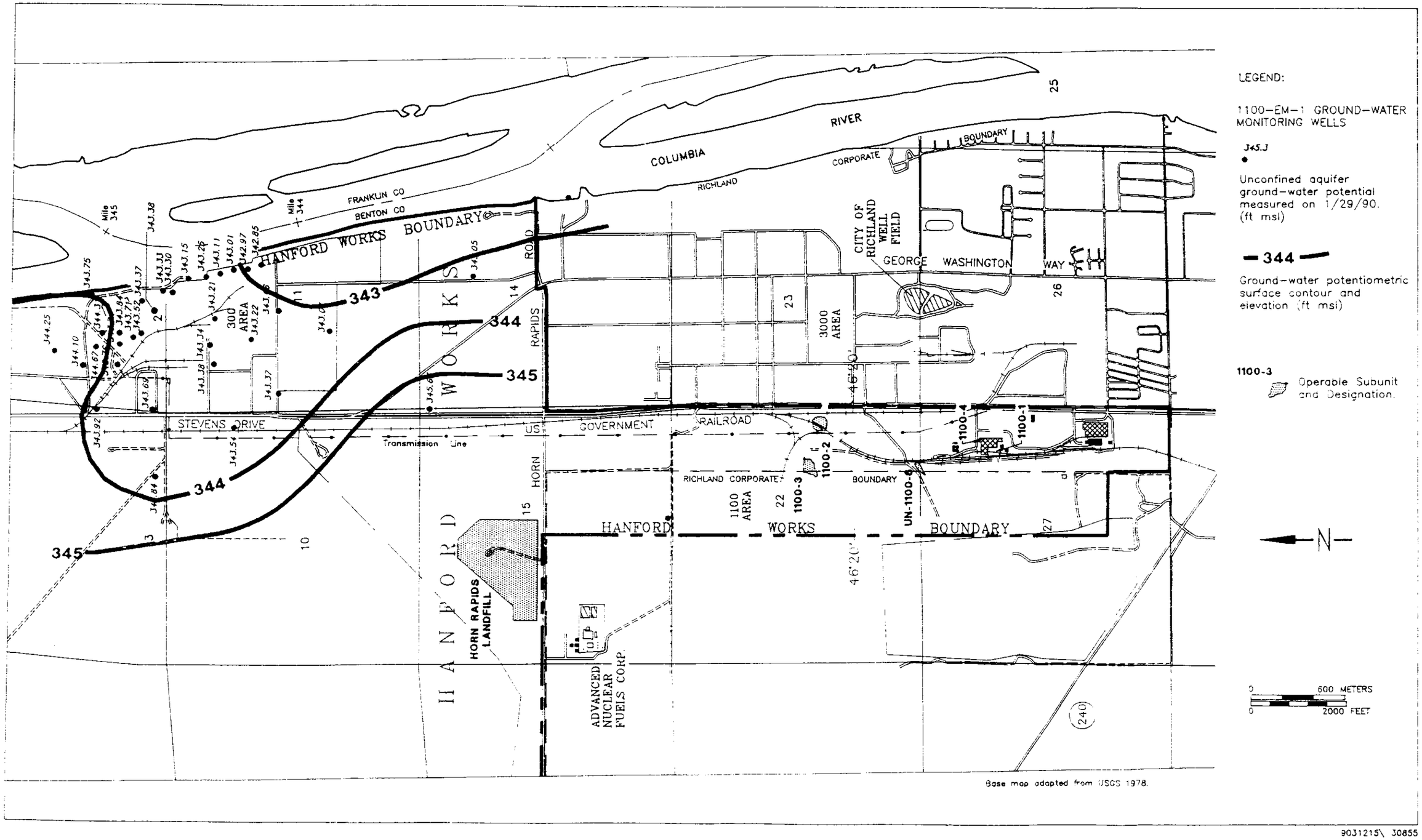

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Figure 2. Ground-Water Potentiometric Surface for the Unconfined Aquifer, January 29, 1990.

Table 8. Detected Values in Quality Control Blanks.

SAMPLE	CAS #	PARAMETER	Value µG/L	Q	RT	Lab	Round	Multiplier	Value to exceed µG/L
B00DK4 filtered	7439-96-5	MANGANESE	17.3			P	4	5	86.5

1986; Lockhaven, S., Advanced Nuclear Fuels Corp. [Letter to C. Cline, Department of Ecology] January 12, 1990). Horn-Rapids-Landfill-specific background data for the unconfined aquifer were therefore obtained from three existing wells (ANF-14, ANF-15, and ANF-16) located downgradient from the Advanced Nuclear Fuels Corp. property and upgradient from Horn Rapids Landfill (see Figure 1). No landfill-specific background data are available for the uppermost confined aquifer.

Operable unit-specific and Horn Rapids Landfill-specific unconfined and operable-unit-specific upper confined aquifer water quality conditions are characterized in Tables 9, 10, and 11 for Target Analyte List (TAL), Target Compound List (TCL) and conventional parameters, respectively. A one-sided upper tolerance limit (UTL) of the 95th percentile was calculated for each parameter (Equivalent two-sided limits were calculated for pH) using the method for calculation provided in EPA (1989). If a parameter was not detected in a given sample, one-half the sample quantitation limit (SQL) was used as a surrogate value in the statistical calculation. If a given parameter was never detected in a respective set of background samples, the highest SQL for the parameter is substituted for the UTL, as noted in Tables 9 through 11. The radiochemical data, discussed in Section 3.1, were validated by using the field blank data. Radiochemical data qualified with a "U" do not represent an SQL; therefore, background data were used in the calculations as reported by the laboratory. Table 12 provides the values that exceeded the respective background threshold values. The results for trichloroethene and nitrate are provided in Table 13. These contaminants do not exceed their respective background threshold values.

The groundwater TAL parameters were analyzed in both unfiltered and filtered samples. Results from such analyses are generally representative of total and dissolved groundwater concentrations, respectively. To maintain comparability among the groundwater samples from different wells (i.e., to factor out variability attributable to among-well differences in construction development, and sampling), only filtered TAL analyses are used to evaluate groundwater contamination.

6.2 ORGANIC TENTATIVELY IDENTIFIED COMPOUNDS

The analysis of organic compounds using GC/MS techniques (EPA Methods 8240 and 8270) is capable of detecting and identifying compounds in addition to the parameters requested within the TCL. These additional compounds are called tentatively identified compounds (TICs) because instrument calibration was not specific to these compounds. The associated analytical concentrations can only be considered semi-quantitative. When the analyst felt too great an uncertainty in TIC identification, the TIC was called "unknown".

The laboratory chemical analytical results from the four rounds of 1100-EM-1 Operable Unit groundwater monitoring results contained several TICs especially for EPA method 8270 semi-volatile organic analyses. These TICs were evaluated against TICs associated in blanks. Table 14 lists TICs that are sufficiently elevated above associated blanks where the TIC is greater than 5 times the amount in the associated blanks.

Table 9. TAL Parameter UTLs for Background Ground Waters.
(Sheet 1 of 2)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L
aluminum				*152				*192				*147
antimony				*40				*40				*32
arsenic	5.8	1.6	12	10.2	3.1	3.4	4	20.6	2.9	1.7	3	15.9
barium	41.9	11.9	12	74.5	52.6	15.5	4	132.3	122.7	55.8	3	550
beryllium				*1				*1				*1
cadmium				*5	2.3	.5	4	4.9				*2
calcium	46433	6560	12	64381	18775	1360	4	25772	67367	24756	3	256874
chromium				*10				*10				*4
cobalt	2.4	1.6	12	6.8				*10				*21.2
copper	2.2	1.4	12	6.0				*6				*15.2
iron	71.8	138.3	12	450.2	56	70.3	4	417	770	1325	3	10913
lead	2.2	2.5	12	9.0	1.6	.9	4	6.2	1.1	1	3	8.8
magnesium	10230	2317	12	16569	4638	305	4	6207	18600	4996	3	56844
manganese	38.0	67.5	12	222.7	151	36	4	336	42	72	3	593
mercury				*.2				*.2	.6	.8	3	6.7
nickel				*21				*20				*22.9
potassium	5676	511	12	7074	4350	196	4	5358	13760	4277	3	46500
selenium	1.4	.7	12	3.3				*3				*2
silver	2.5	1.6	12	6.9	3.2	2.2	4	14.5				*12.8
sodium	21175	1844	12	26220	19125	5177	4	45760	32433	11719	3	122142
thallium				*4				*2				*3
vanadium	6.2	3.4	12	15.5				*10				*33.4
zinc	3	2.8	12	10.7				*8	73.5	18.8	3	217.4

Table 9. TAL Parameter UTLs for Background Ground Waters.
(Sheet 2 of 2)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L
cyanide				*10				*10				*10

$\bar{X}$ = Mean
s = standard deviation
n = number of samples
UTL = upper 95 percentile tolerance limit
* Parameter was never detected in the respective background samples; therefore, the highest reported respective background SQL is substituted as a surrogate UTL.

Table 10. TCL Parameter UTLs for Background Ground Waters.
(Sheet 1 of 6)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L
Volatiles												
chloromethane				*10				*10				*10
bromomethane				*10				*10				*10
vinyl chloride				*2				*2				*10
chloroethane				*10				*10				*10
methylene chloride				*5				*5				*5
acetone				*10				*10				*10
carbon disulfide				*5				*5				*5
1,1-dichloroethene				*3				*3				*5
1,1-dichloroethane				*5				*5				*5
1,2-dichloroethene				*5				*5				*5
chloroform				*5				*5				*5
1,2-dichloroethane				*2				*2				*5
2-butanone				*10				*10				*10
1,1,1-trichloroethane	1.1	.9	12	3.6				*5	5	2	3	20
carbon tetrachloride				*5				*5				*5
vinyl acetate				*10				*10				*10
bromodichloromethane				*5				*5				*5
1,2-dichloropropane				*5				*5				*5
cis-1,3-dichloropropene				*5				*5				*5
trichloroethene				*2				*2	44	20	3	197
dibromochloromethane				*5				*5				*5
1,1,2-trichloroethane				*5				*5				*5

Table 10. TCL Parameter UTLs for Background Ground Waters.
(Sheet 2 of 6)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L
benzene				*2				*2				*5
trans-1,3-dichloropropene				*5				*5				*5
bromoform				*5				*5				*5
4-methyl-2-pentanone				*10				*10				*10
2-hexanone				*10				*10				*10
tetrachloroethene				*5				*5				*5
1,1,2,2-tetrachloroethane				*5				*5				*5
toluene				*5				*5				*5
chlorobenzene				*5				*5				*5
ethylbenzene				*5				*5				*5
styrene				*5				*5				*5
xylene (total)				*5				*5				*5
Semivolatiles												
phenol				*12				*11				*10
bis(2-chloroethyl)ether				*12				*11				*10
2-chlorophenol				*12				*11				*10
1,3-dichlorobenzene				*12				*11				*10
1,4-dichlorobenzene				*12				*11				*10
benzyl alcohol				*12				*11				*10
1,2-dichlorobenzene				*12				*11				*10
2-methylphenol				*12				*11				*10
bis(2-chloroisopropyl)ether				*12				*11				*10

Table 10. TCL Parameter UTLs for Background Ground Waters.
(Sheet 3 of 6)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L
4-methylphenol				*12				*11				*10
N-nitroso-di-n-propylamine				*12				*11				*10
hexachloroethane				*12				*11				*10
nitrobenzene				*12				*11				*10
isophorone				*12				*11				*10
2-nitrophenol				*12				*11				*10
2,4-dimethylphenol				*12				*11				*10
benzoic acid				*58				*53				*48
bis(2-chloroethoxy)methane				*12				*11				*10
2,4-dichlorophenol				*12				*11				*10
1,2,4-trichlorobenzene				*12				*11				*10
naphthalene				*12				*11				*10
4-chloroaniline				*12				*11				*10
hexachlorobutadiene				*12				*11				*10
4-chloro-3-methylphenol				*12				*11				*10
2-methylnaphthalene				*12				*11				*10
hexachlorocyclopentadiene				*12				*11				*10
2,4,6-trichlorophenol				*12				*11				*10
2,4,5-trichlorophenol				*58				*53				*53
2-chloronaphthalene				*12				*11				*10
2-nitroaniline				*58				*53				*48
dimethylphthalate				*12				*11				*10

Table 10. TCL Parameter UTLs for Background Ground Waters.
(Sheet 4 of 6)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L
acenaphthylene				*12				*11				*10
2,6-dinitrotoluene				*12				*11				*10
3-nitroaniline				*58				*53				*48
acenaphthene				*12				*11				*10
2,4-dinitrophenol				*58				*53				*48
4-nitrophenol				*58				*53				*48
dibenzofuran				*12				*11				*10
2,4-dinitrotoluene				*12				*11				*10
diethylphthalate				*12				*11				*10
4-chlorophenyl-phenylether				*12				*11				*10
fluorene				*12				*11				*10
4-nitroaniline				*58				*53				*48
4,6-dinitro-2-methylphenol				*58				*53				*48
N-nitrosodiphenylamine (1)				*12				*11				*10
4-bromophenyl-phenylether				*12				*11				*10
hexachlorobenzene				*12				*11				*10
pentachlorophenol				*58				*53				*48
phenanthrene				*12				*11				*10
anthracene				*12				*11				*10
di-n-butylphthalate				*12				*11	4	1	3	12
fluoranthene				*12				*11				*10
pyrene				*12				*11				*10

Table 10. TCL Parameter UTLs for Background Ground Waters.
(Sheet 5 of 6)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L
butylbenzylphthalate				*12				*11				*10
3,3'-dichlorobenzidine				*23				*21				*19
benzo(a)anthracene				*12				*11				*10
chrysene				*12				*11				*10
bis(2-ethylhexyl)phthalate				*23				*28	21	6	3	67
di-n-octylphthalate				*12	4.4	1.6	4	12.6				*10
benzo(b)fluoranthene				*12				*11				*10
benzo(k)fluoranthene				*12				*11				*10
benzo(a)pyrene				*12				*11				*10
indeno(1,2,3-cd)pyrene				*12				*11				*10
dibenz(a,h)anthracene				*12				*11				*10
benzo(g,h,i)perylene				*12				*11				*10
Pesticides												
alpha-BHC				*.1				*.1				*.048
beta-BHC				*.1				*.1				*.048
delta-BHC				*.1				*.1				*.048
gamma-BHC (lindane)				*1				*1				*.048
heptachlor				*.1				*.1				*.048
aldrin				*.1				*.1				*.048
heptachlor epoxide				*.1				*.1				*.048
endosulfan I				*.1				*.1				*.048
dieldrin				*.2				*.2				*.095

Table 10. TCL Parameter UTLs for Background Ground Waters.
(Sheet 6 of 6)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L	$\bar{X}$	s	n	UTL µg/L
4,4'-DDE				*.2				*.2				*.095
endrin				*.2				*.2				*.095
endosulfan II				*.2				*.2				*.095
4,4'-DDD				*.2				*.2				*.095
endosulfan sulfate				*.2				*.2				*.095
4,4'-DDT				*.2				*.2				*.095
methoxychlor				*1				*1				*.48
endrin ketone				*.2				*.2				*.095
alpha-chlordane				*1				*1				*.48
gamma-chlordane				*1				*1				*.48
toxaphene				*2				*2				*.95
aroclor-1016				*1				*1				*.48
aroclor-1221				*1				*1				*.48
aroclor-1232				*1				*1				*.48
aroclor-1242				*1				*1				*.48
aroclor-1254				*1				*1				*.48
aroclor-1248				*2				*2				*.95
aroclor-1260				*2				*2				*.95

$\bar{X}$ = Mean
s = standard deviation
n = number of samples
UTL = upper 95 percentile tolerance limit
* Parameter was never detected in the respective background samples; therefore, the highest reported respective background SQL is substituted as a surrogate UTL.

Table 11. Conventional Parameter UTLs for Background Ground Waters.
(Sheet 1 of 2)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL Mg/L	$\bar{X}$	s	n	UTL Mg/L	$\bar{X}$	s	n	UTL Mg/L
alkalinity (as calcium carbonate)	155	10	12	182	93	1	4	98				--[a]
Ammonia as N	.03	.03	12	.12	.08	.02	4	.18				
bromide				*1				*1				--
chloride	12.5	2.6	12	19.6	2.3	.2	4	3.3	19.77	11.98	3	111
COD	5	3	11	13	4.8	3.1	4	20.8				--
coliform (MPN/100mL)				*2.2				*2.2				*2
fluoride	.3	.1	12	.6	.3	.1	4	.8	6.6	4.25	3	39.1
nitrate	17.8	10	12	45.2				*.5	271	82	3	895
nitrite				*1				*1				*.2
Field pH (standard pH units)	8.04	.18	11	8.63 up 7.45 low				b				--
phosphate				*1				*1				*.5
sulfate	32.6	2.5	12	39.4	21.6	6.1	4	53				--
SC (µmhos/cm) Field	444	48	10	584	260	33.7	4	433				--
TDS	278	31	12	363	171	41	4	382				--
TOC	3.9	7.9	12	25.5	3.2	5.6	4	32				--
TOX	.03	0.4	12	.14	.041	.039	4	.242				--[c]
gross alpha radiation (pCi/L)	1.643	2.383	12	8.163	.39	1.554	4	8.385	19.302	15.163	6	75.511
gross beta radiation (pCi/L)	6.913	3.270	12	15.86	4.585	2.87	4	19.351	61.302	45.702	6	230.72
hydrogen-3 (pCi/L)	-19.399	224.07	9	659.76	111.0	414.91	3	3065.1	-363.33	127.02	3	609.0
radium-226/228 (pCi/L)	-.041	.684	12	1.83	.185	.203	4	1.229	-.487	.396	6	.981

Table 11. Conventional Parameter UTLs for Background Ground Waters.
(Sheet 2 of 2)

Parameter	Operable Unit Specific Background								Horn-Rapids Landfill Specific Background			
	Unconfined Aquifer				Confined Aquifer				Unconfined Aquifer			
	$\bar{X}$	s	n	UTL Mg/L	$\bar{X}$	s	n	UTL Mg/L	$\bar{X}$	s	n	UTL Mg/L
strontium-90 (pCi/L)	-.141	.279	4	1.031				*.303				--

$\bar{X}$ = Mean
s = standard deviation
n = number of samples
UTL = upper 95 percentile tolerance limit
*parameter was never detected in the respective background samples; therefore, the highest reported respective background SQL is substituted as a surrogate UTL.
[a]--indicates value was not reported.
[b]Upper and lower tolerance limits far exceed plausible environmental values.

Table 12. Results Exceeding Background.

Sample ID	Location	Round	Parameter	Value	Q	Units
Unconfined Aquifer (relative to operable-unit-specific background)						
B0023D	MW-1	1	magnesium	18500		µg/L
B0023D	MW-1	1	manganese	352		µg/L
B00CQ0	MW-1	3	nickel	88.3		µg/L
B00DC6	MW-1	4	nickel	74.3		µg/L
B0023D	MW-1	1	potassium	8510		µg/L
B00CQ0	MW-1	3	potassium	8150		µg/L
B00DC6	MW-1	4	potassium	7500		µg/L
B0023D	MW-1	1	sodium	29000	J	µg/L
B00CQ0	MW-1	3	sodium	27200	J	µg/L
B0023D	MW-1	1	barium	97.7	B	µg/L
B0023D	MW-1	1	calcium	85300		µg/L
B000H0	MW-1	2	calcium	64400		µg/L
B00CQ0	MW-1	3	calcium	72600		µg/L
B00DC6	MW-1	4	calcium	71400		µg/L
B00024	MW-1	1	alkalinity	261		mg/l
B000G9	MW-1	2	alkalinity	200		mg/l
B00CP9	MW-1	3	alkalinity	209		mg/l
B00DC5	MW-1	4	alkalinity	205		mg/l
B00024	MW-1	1	chloride	58		mg/l
B000G9	MW-1	2	chloride	28		mg/l
B00CP9	MW-1	3	chloride	41		mg/l
B00DC5	MW-1	4	chloride	52		mg/l
B00024	MW-1	1	specific conductance (field)	720		us/cm
B00CP9	MW-1	3	specific conductance (field)	650		us/cm
B00DC5	MW-1	4	specific conductance (field)	650		us/cm
B00024	MW-1	1	total dissolved solids	391		mg/L
B000G9	MW-1	2	total dissolved solids	370		mg/L
B00DC5	MW-1	4	total dissolved solids	366		mg/L
B00024	MW-1	1	total organic halides	0.145		mg/L
B00024	MW-1	1	alpha	8.44		pCi/L
B0064D	MW-3	1	aluminum	1350		µg/L
B0064D	MW-3	1	iron	1820	J	µg/L
B000J3	MW-3	2	magnesium	27600	J	µg/L
B00CT6	MW-3	3	magnesium	28700		µg/L
B00DD0	MW-3	4	magnesium	29300		µg/L
B00CT6	MW-3	3	manganese	255		µg/L
B000J3	MW-3	2	nickel	47.9		µg/L
B00CT6	MW-3	3	nickel	25	B	µg/L
B00DD0	MW-3	4	nickel	79.6		µg/L
B000J3	MW-3	2	potassium	10000		µg/L

Table 12. Results Exceeding Background.

Sample ID	Location	Round	Parameter	Value	Q	Units
B00CT6	MW-3	3	potassium	9500		µg/L
B00DD0	MW-3	4	potassium	10500		µg/L
B000J3	MW-3	2	sodium	40700	J	µg/L
B00CT6	MW-3	3	sodium	42800		µg/L
B00DD0	MW-3	4	sodium	44500	J	µg/L
B000J3	MW-3	2	barium	111	B	µg/L
B00CT6	MW-3	3	barium	132	B	µg/L
B00DD0	MW-3	4	barium	10.9		µg/L
B000J3	MW-3	2	calcium	125000		µg/L
B00CT6	MW-3	3	calcium	126000		µg/L
B00065	MW-3	1	alkalinity	303		mg/l
B000J2	MW-3	2	alkalinity	225		mg/l
B00CT5	MW-3	3	alkalinity	319		mg/l
B00DC9	MW-3	4	alkalinity	296		mg/l
B00065	MW-3	1	chloride	173		mg/l
B000J2	MW-3	2	chloride	127		mg/l
B00CT5	MW-3	3	chloride	144		mg/l
B00DC9	MW-3	4	chloride	165		mg/l
B000J2	MW-3	2	chemical oxygen demand	13	J	mg/L
B00065	MW-3	1	specific conductance (field)	1280		us/cm
B000J2	MW-3	2	specific conductance (field)	1100		us/cm
B00CN7	MW-3	3	specific conductance (field)	850		us/cm
B00CT5	MW-3	3	specific conductance (field)	1100		us/cm
B00DC9	MW-3	4	specific conductance (field)	1220		us/cm
B00065	MW-3	1	total dissolved solids	648		mg/L
B000J2	MW-3	2	total dissolved solids	695		mg/L
B00CT5	MW-3	3	total dissolved solids	690		mg/L
B00DC9	MW-3	4	total dissolved solids	726		mg/L
B00065	MW-3	1	alpha	17		pCi/L
B00065	MW-3	1	radium	2.36		pCi/L
B00D63	MW-4	4	copper	6	B	µg/L
B00029	MW-5	1	1,1,1-trichloroethane	4		µg/L
B000K2	MW-5	2	1,1,1-trichloroethane	4		µg/L
B0029D	MW-5 AVE[1]	1	manganese	303		µg/L
B00CR6	MW-5	3	potassium	7930		µg/L
B00CR6	MW-5	3	calcium	82000		µg/L
B00030	MW-5 AVE[1]	1	total orgainc halides	0.14		mg/L
B000H5	MW-6	2	chloride	22		mg/l
B00B09	RWF-E	2	copper	23.9	B	µg/L
B00D07	RWF-E	3	copper	71.9		µg/L
B00DD8	RWF-E	4	copper	44.6		µg/L

Table 12. Results Exceeding Background.

Sample ID	Location	Round	Parameter	Value	Q	Units
B00D07	RWF-E	3	copper	21.6		µg/L
B00B13	RWF-W	2	copper	12.8	B	µg/L
B00D11	RWF-W	3	copper	26.2		µg/L
B0059D	RWF-W	1	copper	29.1		µg/L
B00D51	S30-E15A	4	silver	10		µg/L
B00CV0	S30-E15A	3	copper	25.2		µg/L
B009Y8	S30-E15A	2	calcium	69200		µg/L
B00CV0	S30-E15A	3	calcium	64500		µg/L
B00D51	S30-E15A	4	calcium	69700		µg/L
B009Y7	S30-E15A	2	alkalinity	202		mg/l
B00CT9	S30-E15A	3	alkalinity	225		mg/l
B00D50	S30-E15A	4	alkalinity	231		mg/l
B00D42	S30-E13A	4	specific conductance (field)	630		us/cm
B00D50	S30-E15A	4	specific conductance (field)	510		us/cm
B00D50	S30-E15A	4	total organic carbon	26		mg/L
B009Y3DL	S31-E13	2	bis(2-ethylhexyl)phthalate	130000	D	µg/L
B009Y4	S31-E13	2	magnesium	16700	J	µg/L
B00D47	S31-E13	4	silver	10		µg/L
B009Y4	S31-E13	2	barium	79	B	µg/L
B009Y4	S31-E13	2	calcium	81700		µg/L
B00CW2	S31-E13	3	calcium	76500		µg/L
B00D47	S31-E13	4	calcium	78100		µg/L
B009Y3	S31-E13	2	alkalinity	230		mg/l
B00CW1	S31-E13	3	alkalinity	244		mg/l
B00D46	S31-E13	4	alkalinity	266		mg/l
B00D46	S31-E13	4	specific conductance (field)	610		us/cm
B00D46	S31-E13	4	total organic carbon	38		mg/L
B00D43	S32-E13A	4	potassium	7320		µg/L
B00D43	S32-E13A	4	silver	11.7		µg/L
B00CX4	S32-E13A	3	barium	80.7	B	µg/L
B009X6	S32-E13A	2	calcium	68500		µg/L
B00CX4	S32-E13A	3	calcium	83500		µg/L
B00D43	S32-E13A	4	calcium	85800		µg/L
B009X5	S32-E13A	2	alkalinity	223		mg/l
B00CX3	S32-E13A	3	alkalinity	260		mg/l
B00D42	S32-E13A	4	alkalinity	272		mg/l
B00CX3	S32-E13A	3	specific conductance (field)	620		us/cm
B00D42	S32-E13A	4	total dissolved solids	380		mg/L
B00D42	S32-E13A	4	total organic carbon	43		mg/L
B00CW6	S37-E14	3	lead	25.3		µg/L
B000M6	S37-E14	2	fluoride	3.7		mg/L

Sample ID	Location	Round	Parameter	Value	Q	Units
B000L8	S41-E13A	2	nickel	21.8	B	µg/L
B00CS8	S41-E13A	3	barium	39.6		µg/L
B000M2	S41-E13B	2	calcium	67000		µg/L
B00045	S41-E13B	1	alkalinity	221		mg/l
B000M1	S41-E13B	2	alkalinity	215		mg/l
B00CT1	S41-E13B	3	alkalinity	217	J	mg/L
B00DB7	S41-E13B	4	alkalinity	215		mg/l
B00CR9DL	S43-E12	3	bis(2-ethylhexyl)phthalate	1700	D	µg/L
B000K7	S43-E12	2	magnesium	19100		µg/L
B000K7	S43-E12	2	nickel	20.8	B	µg/L
B000K7	S43-E12	2	potassium	8680		µg/L
B00D99	S43-E12	4	potassium	7910		µg/L
B00CS0	S43-E12	3	copper	5.6	B	µg/L
B000K7	S43-E12	2	copper	25.9		µg/L
B00D99	S43-E12	4	copper	28		µg/L
B000K7	S43-E12	2	calcium	98700		µg/L
B00D99	S43-E12	4	calcium	77600		µg/L
B00CR9	S43-E12	3	diethylphthalate	16		µg/L
B00CR9DL	S43-E12	3	butylbenzylphthalate	250	D	µg/L
B00056	S43-E12	1	alkalinity	187		mg/l
B000K6	S43-E12	2	alkalinity	241		mg/l
B00CR9	S43-E12	3	alkalinity	212		mg/l
B00D98	S43-E12	4	alkalinity	198		mg/l
B00056	S43-E12	1	chloride	32		mg/l
B000K6	S43-E12	2	chloride	52		mg/l
B00D98	S43-E12	4	chloride	54		mg/l
B00CR9	S43-E12 AVE[1]	3	specific conductance (field)	685		us/cm
B00D98	S43-E12	4	specific conductance (field)	660		us/cm
B000K6	S43-E12	2	total dissolved solids	450		mg/L
B00CR9	S43-E12	3	total dissolved solids	410		mg/L
B00D98	S43-E12	4	total dissolved solids	384		mg/L
Unconfined Aquifer (relative to Horn-Rapids-Landfill-specific background)						
B0016D	MW-10	1	aluminum	166	B	µg/L
B00B05	MW-10	3	mercury	0.2	J	µg/L
B0016D	MW-10	1	selenium	2.2	B	µg/L
B00017	MW-10	1	specific conductance (field)	870		us/cm
B00078	MW-10	2	specific conductance (field)	850		us/cm
B00B04	MW-10	3	specific conductance (field)	940		us/cm
B00D27	MW-10	4	specific conductance (field)	840		us/cm
B00017	MW-10	1	total dissolved solids	511		mg/L
B00078	MW-10	2	total dissolved solids	580		mg/L

Table 12. Results Exceeding Background.

Sample ID	Location	Round	Parameter	Value	Q	Units
B00B04	MW-10	3	total dissolved solids	590		mg/L
B00D27	MW-10 AVE[1]	4	total dissolved solids	554		mg/L
B00017	MW-10	1	radium	2.01		pCi/L
B00D27	MW-10	4	total organic carbon	26		mg/L
B0014T	MW-11	1	bis(2-ethylhexyl)phthalate	73		µg/L
B00B29	MW-11	3	nitrite	6.58	J	mg/L
B00012	MW-11	1	specific conductance (field)	880		us/cm
B00B27	MW-11	3	specific conductance (field)	890		us/cm
B00D35	MW-11	4	specific conductance (field)	910		us/cm
B00012	MW-11 AVE[1]	1	total dissolved solids	516		mg/L
B00083	MW-11	2	total dissolved solids	680		mg/L
B00B27	MW-11	3	total dissolved solids	590		mg/L
B00D35	MW-11	4	total dissolved solids	600		mg/L
B00D35	MW-11	4	total organic carbon	28		mg/L
B00051	MW-12	1	alkalinity	185		mg/l
B00089	MW-12	2	nitrite	6.58		mg/L
B00CP5	MW-12	3	chemical oxygen demand	34		mg/l
B00051	MW-12	1	specific conductance (field)	990		us/cm
B00087	MW-12	2	specific conductance (field)	980		us/cm
B00B31	MW-12	3	specific conductance (field)	970		us/cm
B00CP5	MW-12	3	specific conductance (field)	970		us/cm
B00B45	MW-12	4	specific conductance (field)	950		us/cm
B00051	MW-12	1	total dissolved solids	611		mg/L
B00087	MW-12	2	total dissolved solids	660		mg/L
B00B31	MW-12 AVE[1]	3	total dissolved solids	680		mg/L
B00B45	MW-12	4	total dissolved solids	644		mg/L
B00B45	MW-12	4	total organic carbon	38		mg/L
B0010D	MW-13	1	selenium	2.3	J	µg/L
B00009	MW-13	1	specific conductance (field)	920		us/cm
B00095	MW-13	2	specific conductance (field)	910		us/cm
B00B39	MW-13	3	specific conductance (field)	890		us/cm
B00B49	MW-13	4	specific conductance (field)	900		us/cm
B00009	MW-13	1	total dissolved solids	553		mg/L
B00095	MW-13	2	total dissolved solids	620		mg/L
B00B39	MW-13	3	total dissolved solids	590		mg/L
B00B49	MW-13	4	total dissolved solids	611		mg/L
B00B49	MW-13	4	total organic carbon	41		mg/L
B0007D	MW-14	1	selenium	2.7	J	µg/L
B000F6	MW-14	2	nitrite	6.58		mg/L
B00CN5	MW-14	3	nitrite	3.29	J	mg/L
B00100	MW-14	2	chemical oxygen demand	14		mg/l

Table 12. Results Exceeding Background.

Sample ID	Location	Round	Parameter	Value	Q	Units
B00006	MW-14	1	specific conductance (field)	930		us/cm
B00100	MW-14	2	specific conductance (field)	950		us/cm
B00B43	MW-14	3	specific conductance (field)	890		us/cm
B00B53	MW-14	4	specific conductance (field)	920		us/cm
B00006	MW-14	1	total dissolved solids	588		mg/L
B00100	MW-14	2	total dissolved solids	700		mg/L
B00B43	MW-14	3	total dissolved solids	620		mg/L
B00B53	MW-14	4	total dissolved solids	633		mg/L
B00B43	MW-14	3	total organic carbon	37		mg/L
B00B53	MW-14	4	total organic carbon	24		mg/L
B00B57	MW-15	3	fluoride	0.601		mg/L
B00003	MW-15	1	specific conductance (field)	800		us/cm
B000G0	MW-15	2	specific conductance (field)	695		us/cm
B00B57	MW-15	4	specific conductance (field)	760		us/cm
B00003	MW-15	1	total dissolved solids	477		mg/L
B000G0	MW-15	2	total dissolved solids	540		mg/L
B00CN7	MW-15	3	total dissolved solids	560		mg/L
B00B57	MW-15	4	total dissolved solids	496		mg/L
B00B57	MW-15	4	total organic carbon	33		mg/L
B009Y0	S29-E12	2	selenium	2.2	J	µg/L
Confined Aquifer (relative to operable-unit-specific background)						
B0038D	MW-17	1	aluminum	276		µg/L
B00CY1	MW-17	3	aluminum	314		µg/L
B000L2	MW-17 AVE[1]	2	calcium	26750		µg/L
B00039	MW-17	1	alkalinity	113		mg/l
B000L1	MW-17	2	alkalinity	110		mg/l
B00DC1	MW-17	4	alkalinity	105		mg/l

[1]Sample result is an average between sample and duplicate.

Table 13. Trichloroethene and Nitrate Results.

Sample ID	Location	Round	Parameter	Value	Q	Units
B00078	MW-10	2	trichloroethene	2		µg/L
B00B04	MW-10	3	trichloroethene	2		µg/L
B00083	MW-11	2	trichloroethene	3		µg/L
B00B27	MW-11	3	trichloroethene	2		µg/L
B00D35	MW-11	4	trichloroethene	3		µg/L
B00050DL	MW-12	1	trichloroethene	92	D	µg/L
B00087DL	MW-12 AVE[1]	2	trichloroethene	104	D	µg/L
B00B31	MW-12 AVE[1]	3	trichloroethene	86		µg/L
B00B45	MW-12	4	trichloroethene	74		µg/L
B0010TDL	MW-13	1	trichloroethene	90	D	µg/L
B00095DL	MW-13	2	trichloroethene	91	D	µg/L
B00B39	MW-13	3	trichloroethene	81		µg/L
B00B49	MW-13	4	trichloroethene	69		µg/L
B0007TDL	MW-14	1	trichloroethene	40	D	µg/L
B00100DL	MW-14	2	trichloroethene	73	D	µg/L
B00B43	MW-14	3	trichloroethene	60		µg/L
B00B53	MW-14	4	trichloroethene	66		µg/L
B0004T	MW-15	1	trichloroethene	84		µg/L
B000GOD	MW-15	2	trichloroethene	80	D	µg/L
B00CN7	MW-15	3	trichloroethene	82		µg/L
B00B57	MW-15	4	trichloroethene	59		µg/L
B00017	MW-10	1	nitrate	170		mg/L
B00078	MW-10	2	nitrate	163	C	mg/L
B00B04	MW-10	3	nitrate	187	C	mg/L
B00D27	MW-10 AVE[1]	4	nitrate	170	C	mg/L
B00012	MW-11 AVE[1]	1	nitrate	178		mg/L
B00083	MW-11	2	nitrate	179	C	mg/L
B00B27	MW-11	3	nitrate	212	C	mg/L
B00D35	MW-11	4	nitrate	206	C	mg/L
B00051	MW-12	1	nitrate	217		mg/L
B00087	MW-12 AVE[1]	2	nitrate	216	C	mg/L
B00B31	MW-12 AVE[1]	3	nitrate	281	C	mg/L
B00B45	MW-12	4	nitrate	225	C	mg/L
B00009	MW-13	1	nitrate	208		mg/L
B00095	MW-13	2	nitrate	199	C	mg/L
B00B39	MW-13	3	nitrate	268	C	mg/L
B00B49	MW-13	4	nitrate	207	C	mg/L
B00006	MW-14	1	nitrate	215		mg/L
B00100	MW-14	2	nitrate	225	C	mg/L
B00B43	MW-14	3	nitrate	270	C	mg/L
B00B53	MW-14	4	nitrate	221	C	mg/L

Table 13. Trichloroethene and Nitrate Results.

Sample ID	Location	Round	Parameter	Value	Q	Units
B00003	MW-15	1	nitrate	143		mg/L
B000G0	MW-15	2	nitrate	143	C	mg/L
B00CN7	MW-15	3	nitrate	196	C	mg/L
B00B57	MW-15	4	nitrate	137	C	mg/L

[1]Sample result is an average between sample and duplicate.

Table 14. Tentatively Identified Compounds.

SAMPLE	CON ID	PARAMETER	VALUE	Q	RT	ROUND
B0019T	540-97-6	CYCLOHEXRASILOXANE,DODECAMET	7	JX	14.14	1
B0019T	541-02-6	CYCLOPENTASILOXANE,DECAMETH	12	JX	10.92	1
B0064T	556-67-2	CYCLOTETRASILOXANE,OCTAMETH	13	JX	8.03	1
B00029	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	200	JX	21.64	1
B00031	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	140	JX	21.64	1
B00033	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	15	JX	21.59	1
B00042	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	16	J	23.04	1
B0007T	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	64	JX	21.2	1
B0010T	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	46	JX	21.27	1
B0013T	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	96	JX	21.29	1
B0014T	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	60	JX	21.27	1
B0016T	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	20	JX	21.19	1
B0019T	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	24	JX	21.2	1
B0023T	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	220	JX	21.25	1
B0026T	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	110	JX	21.22	1
B0064T	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	36	JX	21.62	1
B0007T	UNK	UNKNOWN	4.6	JX	22.9	1
B0019T	UNK	UNKNOWN	6.4	JX	10.55	1
B0019T	UNK	UNKNOWN	3.8	JX	22.92	1
B0019T	UNK	UNKNOWN	8.6	JX	26.46	1
B0021T	UNK	UNKNOWN	8.6	JX	10.55	1
B0021T	UNK	UNKNOWN	7	JX	10.94	1
B0023T	UNK	UNKNOWN	6.4	JX	10.55	1
B0023T	UNK	UNKNOWN	6	JX	10.94	1
B0023T	UNK	UNKNOWN	3.4	JX	23.87	1
B00074	UNK	UNKNOWN	6.3	JX	6.3	2
B00091	UNK	UNKNOWN	5.3	JX	32.24	2
B00091	UNK	UNKNOWN	13	JX	33.67	2
B00091	UNK	UNKNOWN	12	JX	35.14	2
B000J8	UNK	UNKNOWN	7	JX	29.12	2
B009W5	UNK	UNKNOWN	7.6	JX	29.12	2
B000K2	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	58	JX	21.82	2
B00074	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	150	JX	21.67	2
B00CR9	603-11-2	1,2-BENZENEDICARBOXYLIC ACID	10	JX	30.21	3
B00CR5	556-67-2	CYCLOTETRASILOXANE,OCTAMETH	9	JX	8.07	3
B00CR5	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	9.1	JX	21.39	3
B00CR9	4337-65-9	HEXANEDIOIC ACID,MONO(2-ETH)	10	JX	29.07	3
B009Z9	UNK	UNKNOWN	18	JX	21.44	3
B009Z9	UNK	UNKNOWN	5.5	JX	28.29	3
B009Z9	UNK	UNKNOWN	22	JX	29.17	3
B00B04	UNK	UNKNOWN	9.6	JX	7.17	3

Table 14. Tentatively Identified Compounds.

SAMPLE	CON ID	PARAMETER	VALUE	Q	RT	ROUND
B00B39	UNK	UNKNOWN	44	JX	4.8	3
B00B43	UNK	UNKNOWN	66	JX	4.78	3
B00CN7	UNK	UNKNOWN	17	JX	4.78	3
B00CP5	UNK	UNKNOWN	85	JX	4.8	3
B00CX7	UNK	UNKNOWN	5.3	JX	24.1	3
B00DC9		FREON-113	6	J	5.25	4
B00D98		FREON-113	6	J	5.26	4
B00D23	115-96-8	ETHANOL,2-CHLORO,PHOSPHAT	13	J	20.84	4
B00B53	UNK	UNKNOWN	10	J	24.07	4
B00B57	UNK	UNKNOWN	8.7	J	22.94	4
B00D23	UNK	UNKNOWN	8.5	J	22.94	4
B00D27	UNK	UNKNOWN	12	J	22.97	4
B00D27	UNK	UNKNOWN	14	J	27.11	4
B00D27	UNK	UNKNOWN	12	J	28.74	4
B00D27	UNK	UNKNOWN	7.8	J	37.36	4
B00D31	UNK	UNKNOWN	12	J	27.09	4
B00D31	UNK	UNKNOWN	10	J	28.72	4
B00D35	UNK	UNKNOWN	15	J	27.09	4
B00D35	UNK	UNKNOWN	11	J	28.74	4
B00D42	UNK	UNKNOWN	11	J	27.09	4
B00D46	UNK	UNKNOWN	6	J	16.04	4
B00D46	UNK	UNKNOWN	9	J	24.09	4
B00D50	UNK	UNKNOWN	56	J	23.97	4
B00D54	UNK	UNKNOWN	13	J	24.09	4
B00D58	UNK	UNKNOWN	19	J	24.7	4
B00D60	UNK	UNKNOWN	12	J	29.54	4
B00D62	UNK	UNKNOWN	28	J	23.97	4

[ ] Background Sample

Some TICs are suspected to be artifacts of common laboratory contaminants. Specifically, freon, hexanedioic acid, and 1,2-benzenedicarboxylic acid are common laboratory contaminants, and the cyclo-siloxanes are associated with column bleed. The only remaining TIC is ethanol,2-chloro, phosphate, however; this TIC is also found in background samples.

The unknown TICs range in estimated concentration from 3.4 to 85 µg/L. Only three unknown TICs exceed the contract required detection limit (CRDL) of 50 µg/L for semi-volatile organic analyses of water samples.

6.3 GROUNDWATER CONTAMINATION IMPACTS ON THE RICHLAND WELL FIELD

Elevated copper, in concentrations exceeding the chronic freshwater quality criterion, was encountered in the City of Richland well field distribution lines in all four rounds of sampling. There is no known operable unit source of the copper. The well field is generally downgradient from the 1100-1, 1100-4, and UN-1100-6 operable subunits, and copper was not identified as a soil contaminant at any of these subunits (DOE-RL 1990). Copper was detected at a concentration of 6 µg/L in MW-4 in round 4. Copper was also detected in monitoring wells S30-E15A and S43-E12 in concentrations ranging from 5.6 to 25.9 µg/L. Monitoring well S30-E15A is located far to the north, while S43-E12 is located to the south both away from the operable unit.

The information indicates that the copper may have originated from the well field system (e.g., from the metals in wells, pumps, or associated piping) rather than from the groundwater. Under current operations at the well field, as discussed in Section 5.0, it is unlikely that local groundwater contamination would impact the water quality of the well field.

Coliform was detected in the Richland well field west line in the second and third rounds at a concentration of 16 and 2 most probable number (MPN)/100 ml, respectively (see Appendix A-6). Coliform was detected in only one well, S40-E14 in the second round at a concentration of 16 MPN/100 ml. No other contamination has been shown to exist at the Richland well field.

7.0 REFERENCES

CWC-HDR, Inc., 1988, Water Filtration Plant and North Richland Well Field Evaluation: City of Richland Water and Waste Utilities, City of Richland, Richland, Washington.

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APPENDIX A

RPD RESULTS TABLES

CONTENTS

Appendix A-1	Organic Results
Appendix A-2	Unfiltered Inorganic Results
Appendix A-3	Filtered Inorganic Results
Appendix A-4	Conventional Parameter Results
Appendix A-5	Radiochemical Results
Appendix A-6	Coliform Results

Appendix A-1

Organic Results

Appendix A-1 Organic Results

6-S41-E11, MW-1
6-S34-E10, MW-2
6-S41-E12, MW-3
6-S38-E12A, MW-4
6-S38-E12B, MW-5
6-S37-E11, MW-6
6-S38-E11, MW-7
6-S31-E8, MW-8
6-S32-E8, MW-9
6-S30-E10A, MW-10
6-S30-E10B, MW-11
6-S31-E10A, MW-12
6-S31-E10B, MW-13
6-S31-E10C, MW-14
6-S31-E10D, MW-15
6-S41-E13C, MW-17
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6-S29-E12
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6-S32-E13A
6-S37-E14
6-S40-E14
6-S41-E13A
6-S41-E13B
6-S43-E12
RWF-WEST
RWF-EAST
ANF-14
ANF-15
ANF-16

6-S41-E11,MW-1

Parameter	Units	Round 1 B0023T Conc.	Qual.	Round 2 B000G9RE Conc.	Qual.	Round 3 B00CP9 Conc.	Qual.	Round 4 B00DC5 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	-	NR
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES				B000G9					
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ

6-S41-E11,MW-1

Parameter	Units	Round 1 B0023T Conc.	Qual.	Round 2 B000G9 Conc.	Qual.	Round 3 B00CP9 Conc.	Qual.	Round 4 B00DC5 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	20.00	UJ
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.50	U	0.05	UJ
BETA-BHC	UG/L	0.05	U	0.05	U	0.50	U	0.05	UJ
DELTA-BHC	UG/L	0.05	U	0.05	U	0.50	U	0.05	UJ
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.50	U	0.05	UJ
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.50	U	0.05	UJ
ALDRIN	UG/L	0.05	U	0.05	U	0.50	U	0.05	UJ
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.50	U	0.05	UJ
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.50	U	0.05	UJ
DIELDRIN	UG/L	0.10	U	0.10	U	1.00	U	0.10	UJ
4,4'-DDE	UG/L	0.10	U	0.10	U	1.00	U	0.10	UJ
ENDRIN	UG/L	0.10	U	0.10	U	1.00	U	0.10	UJ
ENDOSULFAN II	UG/L	0.10	U	0.10	U	1.00	U	0.10	UJ
4,4'-DDD	UG/L	0.10	U	0.10	U	1.00	U	0.10	UJ
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	1.00	U	0.10	UJ

6-S41-E11,MW-1

Parameter	Units	Round 1 B0023T Conc.	Qual.	Round 2 B000G9 Conc.	Qual.	Round 3 B00CP9 Conc.	Qual.	Round 4 B00DC5 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	1.00	U	0.10	UJ
METHOXYCHLOR	UG/L	0.50	U	0.50	U	5.00	U	0.50	UJ
ENDRIN KETONE	UG/L	0.10	U	0.10	U	1.00	U	0.10	UJ
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	5.00	U	0.50	UJ
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	5.00	U	0.50	UJ
TOXAPHENE	UG/L	1.00	U	1.00	U	10.00	U	1.00	UJ
AROCLOR-1016	UG/L	0.50	U	0.50	U	5.00	U	0.50	UJ
AROCLOR-1221	UG/L	0.50	U	0.50	U	5.00	U	0.50	UJ
AROCLOR-1232	UG/L	0.50	U	0.50	U	5.00	U	0.50	UJ
AROCLOR-1242	UG/L	0.50	U	0.50	U	5.00	U	0.50	UJ
AROCLOR-1248	UG/L	0.50	U	0.50	U	5.00	U	0.50	UJ
AROCLOR-1254	UG/L	1.00	U	1.00	U	10.00	U	1.00	UJ
AROCLOR-1260	UG/L	1.00	U	1.00	U	10.00	U	1.00	UJ
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

6-S34-E10,MW-2

Parameter	Units	Round 1 B00033 Conc.	Qual.	Round 2 B000G4RE Conc.	Qual.	Round 3 B00CP1 Conc.	Qual.	Round 4 B00078 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES				B000G4					
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	56.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U

6-S34-E10,MW-2

Parameter	Units	Round 1 B00033 Conc.	Qual.	Round 2 B000G4 Conc.	Qual.	Round 3 B00CP1 Conc.	Qual.	Round 4 B00D78 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	56.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	56.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	56.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	56.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	56.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	56.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	56.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	56.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	22.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	23.00	U	10.00	U	10.00	U	11.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U

6-S34-E10,MW-2

Parameter	Units	Round 1 B00033 Conc.	Qual.	Round 2 B000G4 Conc.	Qual.	Round 3 B00CP1 Conc.	Qual.	Round 4 B00078 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.70	U
2,4-D	UG/L	-	NR	-	NR	-	NR	57.00	U

6-S41-E12,MW-3

Parameter	Units	Round 1 B0064T Conc.	Qual.	Round 2 B000J2 Conc.	Qual.	Round 3 B00CT5 Conc.	Qual.	Round 4 B00DC9 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES									
PHENOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2-CHLOROPHENOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
1,3-DICHLOROBENZENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
1,4-DICHLOROBENZENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BENZYL ALCOHOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
1,2-DICHLOROBENZENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2-METHYLPHENOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
4-METHYLPHENOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
HEXACHLOROETHANE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
NITROBENZENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
ISOPHORONE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2-NITROPHENOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2,4-DIMETHYLPHENOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BENZOIC ACID	UG/L	50.00	UJ	50.00	U	50.00	U	50.00	UJ
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2,4-DICHLOROPHENOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ

6-S41-E12,MW-3

Parameter	Units	Round 1 B0064T Conc.	Qual.	Round 2 B000J2 Conc.	Qual.	Round 3 B00CT5 Conc.	Qual.	Round 4 B000C9 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
NAPHTHALENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
4-CHLOROANILINE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBUTADIENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2-METHYLNAPHTHALENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2,4,6-TRICHLOROPHENOL	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2,4,5-TRICHLOROPHENOL	UG/L	50.00	UJ	50.00	U	50.00	U	50.00	UJ
2-CHLORONAPHTHALENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2-NITROANILINE	UG/L	50.00	UJ	50.00	U	50.00	U	50.00	UJ
DIMETHYLPHTHALATE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
ACENAPHTHYLENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2,6-DINITROTOLUENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
3-NITROANILINE	UG/L	50.00	UJ	50.00	U	50.00	U	50.00	UJ
ACENAPHTHENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2,4-DINITROPHENOL	UG/L	50.00	UJ	50.00	U	50.00	U	50.00	UJ
4-NITROPHENOL	UG/L	50.00	UJ	50.00	U	50.00	U	50.00	UJ
DIBENZOFURAN	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
2,4-DINITROTOLUENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
DIETHYLPHTHALATE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
FLUORENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
4-NITROANILINE	UG/L	50.00	UJ	50.00	U	50.00	U	50.00	UJ
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	UJ	50.00	U	50.00	U	50.00	UJ
N-NITROSODIPHENYLAMINE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBENZENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
PENTACHLOROPHENOL	UG/L	50.00	UJ	50.00	U	50.00	U	50.00	UJ
PHENANTHRENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
ANTHRACENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
DI-N-BUTYLPHTHALATE	UG/L	10.00	UJ	2.00	J	10.00	U	10.00	UJ
FLUORANTHENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
PYRENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BUTYLBENZYLPHTHALATE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
3,3'-DICHLOROBENZIDINE	UG/L	20.00	UJ	20.00	U	20.00	U	20.00	UJ
BENZO(A)ANTHRACENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
CHRYSENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
DI-N-OCTYLPHTHALATE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BENZO(B)FLUORANTHENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BENZO(K)FLUORANTHENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BENZO(A)PYRENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
BENZO(G,H,I)PERYLENE	UG/L	10.00	UJ	10.00	U	10.00	U	10.00	UJ
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ

6-S41-E12,MW-3

Parameter	Units	Round 1 B0064T Conc.	Qual.	Round 2 B000J2 Conc.	Qual.	Round 3 B00CT5 Conc.	Qual.	Round 4 B00DC9 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

6-S38-E12A,MW-4

Parameter	Units	Round 1 B0026T Conc.	Qual.	Round 2 B000J8 Conc.	Qual.	Round 3 B00CR1 Conc.	Qual.	Round 4 B00062 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	UJ	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	UJ	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	UJ	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	UJ	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	UJ	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	UJ	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	0.80	J	0.50	J	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	UJ	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	3.00	J	2.00		2.00		2.00	J
CARBON TETRACHLORIDE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	UJ	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	UJ	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	UJ	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	UJ	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	UJ	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	J	1.00		0.90	J	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U

6-S38-E12A,MW-4

Parameter	Units	Round 1 B0026T Conc.	Qual.	Round 2 B000J8 Conc.	Qual.	Round 3 B00CR1 Conc.	Qual.	Round 4 B00D62 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	19.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.11	U

6-S38-E12A,MW-4

Parameter	Units	Round 1 B0026T Conc.	Qual.	Round 2 B000J8 Conc.	Qual.	Round 3 B00CR1 Conc.	Qual.	Round 4 B00D62 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.10	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.10	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.10	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.40	U
2,4-D	UG/L	-	NR	-	NR	-	NR	54.00	U

6-S38-E12B,MW-5

Parameter	Units	Round 1 B00029 Conc.	Qual.	Round 2 B000K2 Conc.	Qual.	Round 3 B00CR5 Conc.	Qual.	Round 4 B00D66 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00		0.90	J	1.00		5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	4.00		4.00		3.00		3.00	J
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	0.80	J	0.80	J	0.80	J	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	73.00	U	50.00	U	50.00	U	52.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U

6-S38-E12B,MW-5

Parameter	Units	Round 1 B00029 Conc.	Qual.	Round 2 B000K2 Conc.	Qual.	Round 3 B00CR5 Conc.	Qual.	Round 4 B00D66 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
NAPHTHALENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	73.00	U	50.00	U	50.00	U	52.00	U
2-CHLORONAPHTHALENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2-NITROANILINE	UG/L	73.00	U	50.00	U	50.00	U	52.00	U
DIMETHYLPHTHALATE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
3-NITROANILINE	UG/L	73.00	U	50.00	U	50.00	U	52.00	U
ACENAPHTHENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	73.00	U	50.00	U	50.00	U	52.00	U
4-NITROPHENOL	UG/L	73.00	U	50.00	U	50.00	U	52.00	U
DIBENZOFURAN	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
FLUORENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
4-NITROANILINE	UG/L	73.00	U	50.00	U	50.00	U	52.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	73.00	U	50.00	U	50.00	U	52.00	U
N-NITROSODIPHENYLAMINE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	73.00	U	50.00	U	50.00	U	52.00	U
PHENANTHRENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
ANTHRACENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
FLUORANTHENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
PYRENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	29.00	U	20.00	U	20.00	U	21.00	U
BENZO(A)ANTHRACENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
CHRYSENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	15.00	U	10.00	U	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.06	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.11	U

6-S38-E12B,MW-5

Parameter	Units	Round 1 B00029 Conc.	Qual.	Round 2 B000K2 Conc.	Qual.	Round 3 B00CR5 Conc.	Qual.	Round 4 B00D66 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.10	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.56	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.10	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.10	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.50	U
2,4-D	UG/L	-	NR	-	NR	-	NR	55.00	U

6-S37-E11,MW-6

Parameter	Units	Round 1 B0021T Conc.	Qual.	Round 2 B000H3 Conc.	Qual.	Round 3 B00CQ3 Conc.	Qual.	Round 4 B00074 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	0.60	J	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	2.00		0.90	J	2.00		5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	0.70	J	0.80	J	1.00		5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
NITROBENZENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
ISOPHORONE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	UJ	50.00	U	52.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U

6-S37-E11,MW-6

Parameter	Units	Round 1 B0021T Conc.	Qual.	Round 2 B000H3 Conc.	Qual.	Round 3 B00CQ3 Conc.	Qual.	Round 4 B00D74 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	UJ	50.00	U	52.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	UJ	50.00	U	52.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	UJ	50.00	U	52.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	UJ	50.00	U	52.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	UJ	50.00	U	52.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
FLUORENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	UJ	50.00	U	52.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	UJ	50.00	U	52.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	UJ	50.00	U	52.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
ANTHRACENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
PYRENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	UJ	20.00	U	21.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
CHRYSENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	UJ	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U

6-S37-E11,MW-6

Parameter	Units	Round 1 B0021T Conc.	Qual.	Round 2 B000H3 Conc.	Qual.	Round 3 B00CQ3 Conc.	Qual.	Round 4 B00D74 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.70	U
2,4-D	UG/L	-	NR	-	NR	-	NR	57.00	U

6-S38-E11,MW-7

Parameter	Units	Round 1 B0019T Conc.	Qual.	Round 2 B000H7 Conc.	Qual.	Round 3 B00CQ7 Conc.	Qual.	Round 4 B00D82 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BIS(2-CHLORDISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	58.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U

6-S38-E11,MW-7

Parameter	Units	Round 1 B00197 Conc.	Qual.	Round 2 B000H7 Conc.	Qual.	Round 3 B00CQ7 Conc.	Qual.	Round 4 B00D82 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	58.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	58.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	58.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	58.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	58.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	58.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	58.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	58.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	23.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	12.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U

6-S38-E11,MW-7

Parameter	Units	Round 1 B0019T Conc.	Qual.	Round 2 B000H7 Conc.	Qual.	Round 3 B00CQ7 Conc.	Qual.	Round 4 B00082 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.30	R
2,4-D	UG/L	-	NR	-	NR	-	NR	53.00	R

6-831-E8,MW-8

Parameter	Units	Round 1 B00041 Conc.	Qual.	Round 2 B00070 Conc.	Qual.	Round 3 B009X2 Conc.	Qual.	Round 4 B00004 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	0.80	J	0.80	J	0.80	J	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U

6-S31-E8,MW-8

Parameter	Units	Round 1 B00041 Conc.	Qual.	Round 2 B00070 Conc.	Qual.	Round 3 B009X2 Conc.	Qual.	Round 4 B00004 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	21.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U

6-S31-E8,MW-8

Parameter	Units	Round 1 B00041 Conc.	Qual.	Round 2 B00070 Conc.	Qual.	Round 3 B009X2 Conc.	Qual.	Round 4 B00D04 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	1.00	U	0.52	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	1.00	U	0.52	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	1.00	U	0.52	U
TOXAPHENE	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	1.00	U	0.52	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	1.00	U	0.52	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	1.00	U	0.52	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	1.00	U	0.52	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	1.00	U	0.52	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	4.80	U
2,4-D	UG/L	-	NR	-	NR	-	NR	49.00	U

6-S32-EB,MW-9

Parameter	Units	Round 1 B00035 Conc.	Qual.	Round 2 B00074 Conc.	Qual.	Round 3 B00929 Conc.	Qual.	Round 4 B00023 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	53.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U

6-S32-E8,MW-9

Parameter	Units	Round 1 B00035 Conc.	Qual.	Round 2 B00074 Conc.	Qual.	Round 3 B00929 Conc.	Qual.	Round 4 B00023 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	53.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	53.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	53.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	53.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	53.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	53.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	53.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	53.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	21.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00		10.00	U	28.00	U	11.00	U
DI-N-OCTYLPHTHALATE	UG/L	2.00	J	10.00	U	10.00	U	11.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U

6-S32-E8,MW-9

Parameter	Units	Round 1 B00035 Conc.	Qual.	Round 2 B00074 Conc.	Qual.	Round 3 B009Z9 Conc.	Qual.	Round 4 B00023 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
TOXAPHENE	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.10	R
2,4-D	UG/L	-	NR	-	NR	-	NR	51.00	R

6-S30-E10A,MW-10

Parameter	Units	Round 1 B0016T Conc.	Qual.	Round 2 B00078 Conc.	Qual.	Round 3 B00B04 Conc.	Qual.	Round 4 B00D27 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00		1.00		1.00		5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	0.60	J	2.00		2.00		2.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	49.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U

6-S30-E10A,MW-10

Parameter	Units	Round 1 B0016T Conc.	Qual.	Round 2 B00078 Conc.	Qual.	Round 3 B00B04 Conc.	Qual.	Round 4 B00027 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	49.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	49.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	49.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	49.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	49.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	49.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	49.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	49.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	20.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U

6-S30-E10A,MW-10

Parameter	Units	Round 1 B0016T Conc.	Qual.	Round 2 B00078 Conc.	Qual.	Round 3 B00B04 Conc.	Qual.	Round 4 B00D27 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	1.00	U	0.50	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	1.00	U	0.50	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	1.00	U	0.50	U
TOXAPHENE	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	1.00	U	0.50	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	1.00	U	0.50	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	1.00	U	0.50	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	1.00	U	0.50	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	1.00	U	0.50	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.00	U
2,4-D	UG/L	-	NR	-	NR	-	NR	50.00	U

6-S30-E108,MW-11

Parameter	Units	Round 1 B0013T Conc.	Qual.	Round 2 B00083 Conc.	Qual.	Round 3 B00B27 Conc.	Qual.	Round 4 B00035 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	0.80	J	1.00		1.00		1.00	J
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	0.90	J	3.00		2.00		3.00	
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U

6-S30-E108,MW-11

Parameter	Units	Round 1 B0013T Conc.	Qual.	Round 2 B00083 Conc.	Qual.	Round 3 B00827 Conc.	Qual.	Round 4 B00035 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	21.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.10	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U

6-S30-E10B,MW-11

Parameter	Units	Round 1 B0013T Conc.	Qual.	Round 2 B00083 Conc.	Qual.	Round 3 B00827 Conc.	Qual.	Round 4 B00035 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.20	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
TOXAPHENE	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	1.00	U	0.51	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	2.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.00	U
2,4-D	UG/L	-	NR	-	NR	-	NR	50.00	U

6-S31-E10A,MW-12

Parameter	Units	Round 1 B00050DL Conc.	Qual.	Round 2 B00087DL Conc.	Qual.	Round 3 B00B31 Conc.	Qual.	Round 4 B00B45 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	10.00	U	10.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
ACETONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	5.00	U	5.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	5.00	U	5.00	U	2.00		2.00	J
CARBON TETRACHLORIDE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	92.00	D	110.00	D	80.00		74.00	
DIBROMOCHLOROMETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
BENZENE	UG/L	5.00	U	5.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
TOLUENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
STYRENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES		B00050		B00087		B00D16			
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U

6-S31-E10A,MW-12

Parameter	Units	Round 1 B00050 Conc.	Qual.	Round 2 B00087 Conc.	Qual.	Round 3 B00016 Conc.	Qual.	Round 4 B00845 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	48.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	19.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U

6-S31-E10A,MW-12

Parameter	Units	Round 1 B00050 Conc.	Qual.	Round 2 B00087 Conc.	Qual.	Round 3 B00D16 Conc.	Qual.	Round 4 B00B45 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.00	U
2,4-D	UG/L	-	NR	-	NR	-	NR	50.00	U

6-S31-E10B,MW-13

Parameter	Units	Round 1 B0010TDL Conc.	Qual.	Round 2 B00095DL Conc.	Qual.	Round 3 B00B39 Conc.	Qual.	Round 4 B00B49 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	10.00	U	10.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
ACETONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	5.00	U	5.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	5.00	U	5.00	U	2.00		1.00	J
CARBON TETRACHLORIDE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	90.00	D	91.00	U	81.00		69.00	
DIBROMOCHLOROMETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
BENZENE	UG/L	5.00	U	5.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
TOLUENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
STYRENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES		B0010T		B00095					
PHENOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	200.00	U	52.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U

6-S31-E108,MW-13

Parameter	Units	Round 1 B0010T Conc.	Qual.	Round 2 B00095 Conc.	Qual.	Round 3 B00B39 Conc.	Qual.	Round 4 B00B49 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	200.00	U	52.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	200.00	U	52.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	200.00	U	52.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	200.00	U	52.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	200.00	U	52.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
FLUORENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	200.00	U	52.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	200.00	U	52.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	200.00	U	52.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
PYRENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	80.00	U	21.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	40.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.20	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.20	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.20	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.20	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.20	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.20	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.20	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.20	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.40	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.40	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.40	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.40	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.40	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.40	U	0.10	U

6-S31-E10B,MW-13

Parameter	Units	Round 1 B0010T Conc.	Qual.	Round 2 B00095 Conc.	Qual.	Round 3 B00B39 Conc.	Qual.	Round 4 B00B49 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.40	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	2.00	U	0.52	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.40	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	2.00	U	0.52	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	2.00	U	0.52	U
TOXAPHENE	UG/L	1.00	U	1.00	U	4.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	2.00	U	0.52	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	2.00	U	0.52	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	2.00	U	0.52	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	2.00	U	0.52	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	2.00	U	0.52	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	4.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	4.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.10	U
2,4-D	UG/L	-	NR	-	NR	-	NR	51.00	U

6-S31-E10C,MW-14

Parameter	Units	Round 1 B0007TDL Conc.	Qual.	Round 2 B00100DL Conc.	Qual.	Round 3 B00B43 Conc.	Qual.	Round 4 B00B53 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	10.00	U	10.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
ACETONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	5.00	U	5.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00		5.00	U
CARBON TETRACHLORIDE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	10.00	U	10.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	40.00	D	73.00	D	60.00		66.00	
DIBROMOCHLOROMETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
BENZENE	UG/L	5.00	U	5.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	10.00	U	50.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
TOLUENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
STYRENE	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	5.00	U	5.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES		B0007T		B00100					
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	51.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U

6-S31-E10C,MW-14

Parameter	Units	Round 1 B0007T Conc.	Qual.	Round 2 B00100 Conc.	Qual.	Round 3 B00843 Conc.	Qual.	Round 4 B00B53 Conc.	Qual.
4,4'-DDT	UG/L	0.10	R	0.10	U	0.10	U	0.10	U
METHOXYCHLOR	UG/L	0.50	R	0.50	U	0.50	U	0.50	U
ENDRIN KETONE	UG/L	0.10	R	0.10	U	0.10	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	R	0.50	U	0.50	U	0.50	U
GAMMA-CHLORDANE	UG/L	0.50	R	0.50	U	0.50	U	0.50	U
TOXAPHENE	UG/L	1.00	R	1.00	U	1.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	R	0.50	U	0.50	U	0.50	U
AROCLOR-1221	UG/L	0.50	R	0.50	U	0.50	U	0.50	U
AROCLOR-1232	UG/L	0.50	R	0.50	U	0.50	U	0.50	U
AROCLOR-1242	UG/L	0.50	R	0.50	U	0.50	U	0.50	U
AROCLOR-1248	UG/L	0.50	R	0.50	U	0.50	U	0.50	U
AROCLOR-1254	UG/L	1.00	R	1.00	U	1.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	R	1.00	U	1.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.40	UJ
2,4-D	UG/L	-	NR	-	NR	-	NR	54.00	UJ

6-S31-E100,MW-15

Parameter	Units	Round 1 B0004T Conc.	Qual.	Round 2 B000G0 Conc.	Qual.	Round 3 B00CN7 Conc.	Qual.	Round 4 B00B57 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	54.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	54.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	54.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	54.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	54.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	54.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	54.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	54.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	22.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	11.00	U
PESTICIDE									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.11	U

6-S31-E100,MW-15

Parameter	Units	Round 1 B0004T Conc.	Qual.	Round 2 B000G0 Conc.	Qual.	Round 3 B00CN7 Conc.	Qual.	Round 4 B00B57 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.54	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.11	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.54	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.54	U
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.10	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.54	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.54	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.54	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.54	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.54	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.10	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.10	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.40	UJ
2,4-D	UG/L	-	NR	-	NR	-	NR	54.00	UJ

6-S41-E13C,MW-17

Parameter	Units	Round 1 B00038 Conc.	Qual.	Round 2 B000L1 Conc.	Qual.	Round 3 B00CS3 Conc.	Qual.	Round 4 B000C1 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	5.00	J
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ

6-541-E13C,MW-17

Parameter	Units	Round 1 B00038 Conc.	Qual.	Round 2 B000L1 Conc.	Qual.	Round 3 B00CS3 Conc.	Qual.	Round 4 B00DC1 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	20.00	UJ
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	2.00	J	6.00	J	10.00	UJ
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ

6-S41-E13C,MW-17

Parameter	Units	Round 1 B00038 Conc.	Qual.	Round 2 B000L1 Conc.	Qual.	Round 3 B00CS3 Conc.	Qual.	Round 4 B000C1 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

6-S27-E14

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Z1 Conc.	Round 2 Qual.	Round 3 B00CX7 Conc.	Round 3 Qual.	Round 4 B00058 Conc.	Round 4 Qual.
VOLATILES									
CHLOROMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	-	NR	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	-	NR	0.90	J	0.90	J	1.00	J
DIBROMOCHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	-	NR	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-CHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
1,3-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
1,4-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZYL ALCOHOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
1,2-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
HEXACHLOROETHANE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
NITROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
ISOPHORONE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-NITROPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4-DIMETHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZOIC ACID	UG/L	-	NR	50.00	U	50.00	U	54.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4-DICHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U

6-S27-E14

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Z1 Conc.	Round 2 Qual.	Round 3 B00CX7 Conc.	Round 3 Qual.	Round 4 B00058 Conc.	Round 4 Qual.
1,2,4-TRICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
NAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-CHLOROANILINE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
HEXACHLOROBUTADIENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-METHYLNAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4,6-TRICHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4,5-TRICHLOROPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
2-CHLORONAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	54.00	U
DIMETHYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
ACENAPHTHYLENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,6-DINITROTOLUENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
3-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	54.00	U
ACENAPHTHENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4-DINITROPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
4-NITROPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
DIBENZOFURAN	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4-DINITROTOLUENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
DIETHYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	10.00	U	11.00	U
FLUORENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	54.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
N-NITROSODIPHENYLAMINE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	10.00	U	11.00	U
HEXACHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
PENTACHLOROPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
PHENANTHRENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
DI-N-BUTYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
PYRENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BUTYLBENZYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
3,3'-DICHLOROBENZIDINE	UG/L	-	NR	20.00	U	20.00	U	22.00	U
BENZO(A)ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
CHRYSENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	-	NR	10.00		10.00	U	11.00	U
DI-N-OCTYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZO(B)FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZO(K)FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZO(A)PYRENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZO(G,H,I)PERYLENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
PESTICIDES									
ALPHA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	-	NR	0.10	U	0.10	U	0.10	U
4,4'-DDE	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ENDRIN	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ENDOSULFAN II	UG/L	-	NR	0.10	U	0.10	U	0.10	U
4,4'-DDD	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ENDOSULFAN SULFATE	UG/L	-	NR	0.10	U	0.10	U	0.10	U

6-S27-E14

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Z1 Conc.	Round 2 Qual.	Round 3 B00CX7 Conc.	Round 3 Qual.	Round 4 B00D58 Conc.	Round 4 Qual.
4,4'-DDT	UG/L	-	NR	0.10	U	0.10	U	0.10	U
METHOXYCHLOR	UG/L	-	NR	0.50	U	0.50	U	0.52	U
ENDRIN KETONE	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ALPHA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.52	U
GAMMA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.52	U
TOXAPHENE	UG/L	-	NR	1.00	U	1.00	U	1.00	U
AROCLOR-1016	UG/L	-	NR	0.50	U	0.50	U	0.52	U
AROCLOR-1221	UG/L	-	NR	0.50	U	0.50	U	0.52	U
AROCLOR-1232	UG/L	-	NR	0.50	U	0.50	U	0.52	U
AROCLOR-1242	UG/L	-	NR	0.50	U	0.50	U	0.52	U
AROCLOR-1248	UG/L	-	NR	0.50	U	0.50	U	0.52	U
AROCLOR-1254	UG/L	-	NR	1.00	U	1.00	U	1.00	U
AROCLOR-1260	UG/L	-	NR	1.00	U	1.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.30	U
2,4-D	UG/L	-	NR	-	NR	-	NR	53.00	U

6-S29-E12

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X9 Conc.	Round 2 Qual.	Round 3 B00CV7 Conc.	Round 3 Qual.	Round 4 B00054 Conc.	Round 4 Qual.
VOLATILES									
CHLOROMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	-	NR	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	-	NR	10.00	U	10.00	U	11.00	
CARBON DISULFIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	-	NR	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	-	NR	1.00	U	1.00	U	1500.00	U
CHLOROBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	-	NR	50.00	U	50.00	U	52.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U

6-S29-E12

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X9 Conc.	Round 2 Qual.	Round 3 B00CV7 Conc.	Round 3 Qual.	Round 4 B00D54 Conc.	Round 4 Qual.
1,2,4-TRICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
NAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	-	NR	50.00	U	50.00	U	52.00	U
2-CHLORONAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	52.00	U
DIMETHYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
3-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	52.00	U
ACENAPHTHENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	-	NR	50.00	U	50.00	U	52.00	U
4-NITROPHENOL	UG/L	-	NR	50.00	U	50.00	U	52.00	U
DIBENZOFURAN	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	10.00	U	10.00	U
FLUORENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	52.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	-	NR	50.00	U	50.00	U	52.00	U
N-NITROSODIPHENYLAMINE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	-	NR	50.00	U	50.00	U	52.00	U
PHENANTHRENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
PYRENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	-	NR	20.00	U	20.00	U	21.00	U
BENZO(A)ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
CHRYSENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	-	NR	0.10	U	0.10	U	0.10	U
4,4'-DDE	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ENDRIN	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ENDOSULFAN II	UG/L	-	NR	0.10	U	0.10	U	0.10	U
4,4'-DDD	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ENDOSULFAN SULFATE	UG/L	-	NR	0.10	U	0.10	U	0.10	U

6-S29-E12

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X9 Conc.	Round 2 Qual.	Round 3 B00CV7 Conc.	Round 3 Qual.	Round 4 B00D54 Conc.	Round 4 Qual.
4,4'-DDT	UG/L	-	NR	0.10	U	0.10	U	0.10	U
METHOXYCHLOR	UG/L	-	NR	0.50	U	0.50	U	0.50	U
ENDRIN KETONE	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ALPHA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.50	U
GAMMA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.50	U
TOXAPHENE	UG/L	-	NR	1.00	U	1.00	U	0.99	U
AROCLOR-1016	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1221	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1232	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1242	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1248	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1254	UG/L	-	NR	1.00	U	1.00	U	0.99	U
AROCLOR-1260	UG/L	-	NR	1.00	U	1.00	U	0.99	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.30	UJ
2,4-D	UG/L	-	NR	-	NR	-	NR	53.00	UJ

6-S30-E15A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y7 Conc.	Round 2 Qual.	Round 3 B00CT9 Conc.	Round 3 Qual.	Round 4 B00D50 Conc.	Round 4 Qual.
VOLATILES									
CHLOROMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	-	NR	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	-	NR	5.00		5.00		5.00	U
1,2-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	-	NR	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	-	NR	50.00	U	50.00	U	50.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U

6-S30-E15A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y7 Conc.	Round 2 Qual.	Round 3 B00CT9 Conc.	Round 3 Qual.	Round 4 B00050 Conc.	Round 4 Qual.
1,2,4-TRICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
NAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	-	NR	50.00	U	50.00	U	50.00	U
2-CHLORONAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	50.00	U
DIMETHYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
3-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	50.00	U
ACENAPHTHENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	-	NR	50.00	U	50.00	U	50.00	U
4-NITROPHENOL	UG/L	-	NR	50.00	U	50.00	U	50.00	U
DIBENZOFURAN	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	10.00	U	10.00	U
FLUORENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	50.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	-	NR	50.00	U	50.00	U	50.00	U
N-NITROSODIPHENYLAMINE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	-	NR	50.00	U	50.00	U	50.00	U
PHENANTHRENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
PYRENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	-	NR	20.00	U	20.00	U	20.00	U
BENZO(A)ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
CHRYSENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	-	NR	27.00		4.00	J	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	-	NR	0.10	U	0.10	U	0.10	U
4,4'-DDE	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ENDRIN	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ENDOSULFAN II	UG/L	-	NR	0.10	U	0.10	U	0.10	U
4,4'-DDD	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ENDOSULFAN SULFATE	UG/L	-	NR	0.10	U	0.10	U	0.10	U

6-S30-E15A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y7 Conc.	Round 2 Qual.	Round 3 B00CT9 Conc.	Round 3 Qual.	Round 4 B00D50 Conc.	Round 4 Qual.
4,4'-DDT	UG/L	-	NR	0.10	U	0.10	U	0.10	U
METHOXYCHLOR	UG/L	-	NR	0.50	U	0.50	U	0.50	U
ENDRIN KETONE	UG/L	-	NR	0.10	U	0.10	U	0.10	U
ALPHA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.50	U
GAMMA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.50	U
TOXAPHENE	UG/L	-	NR	1.00	U	1.00	U	1.00	U
AROCLOR-1016	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1221	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1232	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1242	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1248	UG/L	-	NR	0.50	U	0.50	U	0.50	U
AROCLOR-1254	UG/L	-	NR	1.00	U	1.00	U	1.00	U
AROCLOR-1260	UG/L	-	NR	1.00	U	1.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.20	UJ
2,4-D	UG/L	-	NR	-	NR	-	NR	52.00	UJ

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y3DL Conc.	Round 2 Qual.	Round 3 B00CW1 Conc.	Round 3 Qual.	Round 4 B00046 Conc.	Round 4 Qual.
1,2,4-TRICHLOROBENZENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
NAPHTHALENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
4-CHLOROANILINE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
HEXACHLOROBUTADIENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2-METHYLNAPHTHALENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2,4,6-TRICHLOROPHENOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2,4,5-TRICHLOROPHENOL	UG/L	-	NR	30000.00	U	50.00	U	56.00	U
2-CHLORONAPHTHALENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2-NITROANILINE	UG/L	-	NR	30000.00	U	50.00	U	56.00	U
DIMETHYLPHTHALATE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
ACENAPHTHYLENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2,6-DINITROTOLUENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
3-NITROANILINE	UG/L	-	NR	30000.00	U	50.00	U	56.00	U
ACENAPHTHENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2,4-DINITROPHENOL	UG/L	-	NR	30000.00	U	50.00	U	56.00	U
4-NITROPHENOL	UG/L	-	NR	30000.00	U	50.00	U	56.00	U
DIBENZOFURAN	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2,4-DINITROTOLUENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
DIETHYLPHTHALATE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
FLUORENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
4-NITROANILINE	UG/L	-	NR	30000.00	U	50.00	U	56.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	-	NR	30000.00	U	50.00	U	56.00	U
N-NITROSODIPHENYLAMINE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
HEXACHLOROBENZENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
PENTACHLOROPHENOL	UG/L	-	NR	30000.00	U	50.00	U	56.00	U
PHENANTHRENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
ANTHRACENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
DI-N-BUTYLPHTHALATE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
FLUORANTHENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
PYRENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BUTYLBENZYLPHTHALATE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
3,3'-DICHLOROBENZIDINE	UG/L	-	NR	12000.00	U	20.00	U	22.00	U
BENZO(A)ANTHRACENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
CHRYSENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	-	NR	130000.00	D	10.00	U	11.00	U
DI-N-OCTYLPHTHALATE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BENZO(B)FLUORANTHENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BENZO(K)FLUORANTHENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BENZO(A)PYRENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BENZO(G,H,I)PERYLENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
PESTICIDES				B009Y3					
ALPHA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	-	NR	0.10	U	0.10	U	0.11	U
4,4'-DDE	UG/L	-	NR	0.10	U	0.10	U	0.11	U
ENDRIN	UG/L	-	NR	0.10	U	0.10	U	0.11	U
ENDOSULFAN II	UG/L	-	NR	0.10	U	0.10	U	0.11	U
4,4'-DDD	UG/L	-	NR	0.10	U	0.10	U	0.11	U
ENDOSULFAN SULFATE	UG/L	-	NR	0.10	U	0.10	U	0.11	U

6-S31-E13

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y3 Conc.	Round 2 Qual.	Round 3 B00CW1 Conc.	Round 3 Qual.	Round 4 B00D46 Conc.	Round 4 Qual.
VOLATILES									
CHLOROMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	-	NR	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	-	NR	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES				B009Y3DL					
PHENOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2-CHLOROPHENOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
1,3-DICHLOROBENZENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
1,4-DICHLOROBENZENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BENZYL ALCOHOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
1,2-DICHLOROBENZENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2-METHYLPHENOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
4-METHYLPHENOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
HEXACHLOROETHANE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
NITROBENZENE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
ISOPHORONE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2-NITROPHENOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2,4-DIMETHYLPHENOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
BENZOIC ACID	UG/L	-	NR	30000.00	U	50.00	U	56.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	-	NR	6000.00	U	10.00	U	11.00	U
2,4-DICHLOROPHENOL	UG/L	-	NR	6000.00	U	10.00	U	11.00	U

6-S31-E13

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y3 Conc.	Round 2 Qual.	Round 3 B00CW1 Conc.	Round 3 Qual.	Round 4 B00046 Conc.	Round 4 Qual.
4,4'-DDT	UG/L	-	NR	0.10	U	0.10	U	0.11	U
METHOXYCHLOR	UG/L	-	NR	0.50	U	0.50	U	0.54	U
ENDRIN KETONE	UG/L	-	NR	0.10	U	0.10	U	0.11	U
ALPHA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.54	U
GAMMA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.54	U
TOXAPHENE	UG/L	-	NR	1.00	U	1.00	U	1.10	U
AROCLOR-1016	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1221	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1232	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1242	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1248	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1254	UG/L	-	NR	1.00	U	1.00	U	1.10	U
AROCLOR-1260	UG/L	-	NR	1.00	U	1.00	U	1.10	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.40	U
2,4-D	UG/L	-	NR	-	NR	-	NR	54.00	U

6-S32-E13A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X5 Conc.	Round 2 Qual.	Round 3 B00CX3 Conc.	Round 3 Qual.	Round 4 B00D42 Conc.	Round 4 Qual.
VOLATILES									
CHLOROMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	-	NR	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	-	NR	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	-	NR	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	-	NR	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	-	NR	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	-	NR	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	-	NR	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-CHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
1,3-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
1,4-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZYL ALCOHOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
1,2-DICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
HEXACHLOROETHANE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
NITROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
ISOPHORONE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-NITROPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4-DIMETHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZOIC ACID	UG/L	-	NR	50.00	U	50.00	U	54.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4-DICHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U

6-S32-E13A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X5 Conc.	Round 2 Qual.	Round 3 B00CX3 Conc.	Round 3 Qual.	Round 4 B00D42 Conc.	Round 4 Qual.
1,2,4-TRICHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
NAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-CHLOROANILINE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
HEXACHLOROBUTADIENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-METHYLNAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4,6-TRICHLOROPHENOL	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4,5-TRICHLOROPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
2-CHLORONAPHTHALENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	54.00	U
DIMETHYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
ACENAPHTHYLENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,6-DINITROTOLUENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
3-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	54.00	U
ACENAPHTHENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4-DINITROPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
4-NITROPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
DIBENZOFURAN	UG/L	-	NR	10.00	U	10.00	U	11.00	U
2,4-DINITROTOLUENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
DIETHYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	10.00	U	11.00	U
FLUORENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-NITROANILINE	UG/L	-	NR	50.00	U	50.00	U	54.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
N-NITROSODIPHENYLAMINE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	10.00	U	11.00	U
HEXACHLOROBENZENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
PENTACHLOROPHENOL	UG/L	-	NR	50.00	U	50.00	U	54.00	U
PHENANTHRENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
DI-N-BUTYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
PYRENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BUTYLBENZYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
3,3'-DICHLOROBENZIDINE	UG/L	-	NR	20.00	U	20.00	U	22.00	U
BENZO(A)ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
CHRYSENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	-	NR	10.00	U	4.00	J	11.00	U
DI-N-OCTYLPHTHALATE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZO(B)FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZO(K)FLUORANTHENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZO(A)PYRENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
BENZO(G,H,I)PERYLENE	UG/L	-	NR	10.00	U	10.00	U	11.00	U
PESTICIDES									
ALPHA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
BETA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DELTA-BHC	UG/L	-	NR	0.05	U	0.05	U	0.05	U
GAMMA-BHC (LINDANE)	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ALDRIN	UG/L	-	NR	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	UG/L	-	NR	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	UG/L	-	NR	0.05	U	0.05	U	0.05	U
DIELDRIN	UG/L	-	NR	0.10	U	0.10	U	0.11	U
4,4'-DDE	UG/L	-	NR	0.10	U	0.10	U	0.11	U
ENDRIN	UG/L	-	NR	0.10	U	0.10	U	0.11	U
ENDOSULFAN II	UG/L	-	NR	0.10	U	0.10	U	0.11	U
4,4'-DDD	UG/L	-	NR	0.10	U	0.10	U	0.11	U
ENDOSULFAN SULFATE	UG/L	-	NR	0.10	U	0.10	U	0.11	U

6-S32-E13A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X5 Conc.	Round 2 Qual.	Round 3 B00CX3 Conc.	Round 3 Qual.	Round 4 B00042 Conc.	Round 4 Qual.
4,4'-DDT	UG/L	-	NR	0.10	U	0.10	U	0.11	U
METHOXYCHLOR	UG/L	-	NR	0.50	U	0.50	U	0.54	U
ENDRIN KETONE	UG/L	-	NR	0.10	U	0.10	U	0.11	U
ALPHA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.54	U
GAMMA-CHLORDANE	UG/L	-	NR	0.50	U	0.50	U	0.54	U
TOXAPHENE	UG/L	-	NR	1.00	U	1.00	U	1.10	U
AROCLOR-1016	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1221	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1232	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1242	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1248	UG/L	-	NR	0.50	U	0.50	U	0.54	U
AROCLOR-1254	UG/L	-	NR	1.00	U	1.00	U	1.10	U
AROCLOR-1260	UG/L	-	NR	1.00	U	1.00	U	1.10	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.60	R
2,4-D	UG/L	-	NR	-	NR	-	NR	56.00	R

Parameter	Units	Round 1 B0053T Conc.	Qual.	Round 2 B000M6 Conc.	Qual.	Round 3 B00CW5 Conc.	Qual.	Round 4 B00089 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	1.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	3.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	2.00		4.00		6.00		5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	2.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	5.00	U
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U

6-S37-E14

Parameter	Units	Round 1 B0053T Conc.	Qual.	Round 2 B000M6 Conc.	Qual.	Round 3 B00CW5 Conc.	Qual.	Round 4 B00089 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	52.00	U
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	21.00	U
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	U
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.00	U
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.00	U
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.00	U
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.00	U
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.00	U
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.00	U
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.00	U
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.00	U
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U

6-S37-E14

Parameter	Units	Round 1 B00537 Conc.	Qual.	Round 2 B000M6 Conc.	Qual.	Round 3 B00CW5 Conc.	Qual.	Round 4 B00D89 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	U
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.52	U
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	5.10	U
2,4-D	UG/L	-	NR	-	NR	-	NR	51.00	U

6-S40-E14

Parameter	Units	Round 1 B0048T Conc.	Qual.	Round 2 B009W5 Conc.	Qual.	Round 3 B00CW9 Conc.	Qual.	Round 4 B00DD3 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00		10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	4.00		1.00	U	2.00		5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ

Parameter	Units	Round 1 B0048T Conc.	Qual.	Round 2 B009W5 Conc.	Qual.	Round 3 B00CW9 Conc.	Qual.	Round 4 B00DD3 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	20.00	UJ
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ

6-S40-E14

Parameter	Units	Round 1 B0048T Conc.	Qual.	Round 2 B009W5 Conc.	Qual.	Round 3 B00CW9 Conc.	Qual.	Round 4 B00DD3 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

6-S41-E13A

Parameter	Units	Round 1 B0057T Conc.	Qual.	Round 2 B000L7 Conc.	Qual.	Round 3 B00CS7 Conc.	Qual.	Round 4 B00083 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES		B00046							
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ

6-S41-E13A

Parameter	Units	Round 1 B00046 Conc.	Qual.	Round 2 B000L7 Conc.	Qual.	Round 3 B00CS7 Conc.	Qual.	Round 4 B00D83 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	20.00	UJ
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ

6-S41-E13A

Parameter	Units	Round 1 B00046 Conc.	Qual.	Round 2 B000L7 Conc.	Qual.	Round 3 B00CS7 Conc.	Qual.	Round 4 B000B3 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

6-S41-E13B

Parameter	Units	Round 1 B00044 Conc.	Qual.	Round 2 B000M1 Conc.	Qual.	Round 3 B00CT1 Conc.	Qual.	Round 4 B000B7 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	-	NR
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ

6-S41-E138

Parameter	Units	Round 1 B00044 Conc.	Qual.	Round 2 B000M1 Conc.	Qual.	Round 3 B00CT1 Conc.	Qual.	Round 4 B000B7 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	20.00	UJ
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ

6-S41-E13B

Parameter	Units	Round 1 B00044 Conc.	Qual.	Round 2 B000M1 Conc.	Qual.	Round 3 B00CT1 Conc.	Qual.	Round 4 B000B7 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

Parameter	Units	Round 1 B0055T Conc.	Qual.	Round 2 B000K6 Conc.	Qual.	Round 3 B00CR9 Conc.	Qual.	Round 4 B00D98 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES						B00CR9DL			
PHENOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
NITROBENZENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
ISOPHORONE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2-NITROPHENOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BENZOIC ACID	UG/L	50.00	U	50.00	U	400.00	U	50.00	UJ
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ

Parameter	Units	Round 1 B0055T Conc.	Qual.	Round 2 B000K6 Conc.	Qual.	Round 3 B00CR9DL Conc.	Qual.	Round 4 B00D98 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
NAPHTHALENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	400.00	U	50.00	UJ
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2-NITROANILINE	UG/L	50.00	U	50.00	U	400.00	U	50.00	UJ
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00o	U	80.00	U	10.00	UJ
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
3-NITROANILINE	UG/L	50.00	U	50.00	U	400.00	U	50.00	UJ
ACENAPHTHENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	400.00	U	50.00	UJ
4-NITROPHENOL	UG/L	50.00	U	50.00	U	400.00	U	50.00	UJ
DIBENZOFURAN	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
FLUORENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
4-NITROANILINE	UG/L	50.00	U	50.00	U	400.00	U	50.00	UJ
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	400.00	U	50.00	UJ
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	400.00	U	50.00	UJ
PHENANTHRENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
ANTHRACENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
FLUORANTHENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
PYRENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	250.00	D	10.00	UJ
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	160.00	U	20.00	UJ
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
CHRYSENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	1700.00	D	10.00	UJ
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	80.00	U	10.00	UJ
PESTICIDES						B00CR9			
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ

6-S43-E12

Parameter	Units	Round 1 B0055T Conc.	Qual.	Round 2 B000K6 Conc.	Qual.	Round 3 B00CR9 Conc.	Qual.	Round 4 B00098 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

RWF-WEST

Parameter	Units	Round 1 B0059T Conc.	Qual.	Round 2 B00B12 Conc.	Qual.	Round 3 B00D10 Conc.	Qual.	Round 4 B00DF1 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
BROMOMETHANE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
VINYL CHLORIDE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
CHLOROETHANE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
METHYLENE CHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
ACETONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
CARBON DISULFIDE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1-DICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CHLOROFORM	UG/L	3.00		0.30	J	2.00		-	NR
1,2-DICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
2-BUTANONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
1,1,1-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CARBON TETRACHLORIDE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
VINYL ACETATE	UG/L	2.00	U	2.00	U	2.00	U	-	NR
BROMODICHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,2-DICHLOROPROPANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TRICHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
DIBROMOCHLOROMETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1,2-TRICHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
BENZENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
BROMOFORM	UG/L	1.00	U	1.00	U	1.00	U	-	NR
4-METHYL-2-PENTANONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
2-HEXANONE	UG/L	2.00	U	10.00	U	10.00	U	-	NR
TETRACHLOROETHENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TOLUENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
CHLOROBENZENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
ETHYLBENZENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
STYRENE	UG/L	1.00	U	1.00	U	1.00	U	-	NR
XYLENES (TOTAL)	UG/L	1.00	U	1.00	U	1.00	U	-	NR
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES									
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ

RWF-WEST

Parameter	Units	Round 1 B0059T Conc.	Qual.	Round 2 B00B12 Conc.	Qual.	Round 3 B00D10 Conc.	Qual.	Round 4 B000F1 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	20.00	UJ
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	2.00	J	10.00	U	10.00	UJ
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ

RWF-WEST

Parameter	Units	Round 1 B0059T Conc.	Qual.	Round 2 B00B12 Conc.	Qual.	Round 3 B00D10 Conc.	Qual.	Round 4 B00DF1 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

RWF-EAST

Parameter	Units	Round 1 B0061TRE Conc.	Qual.	Round 2 B00B08 Conc.	Qual.	Round 3 B00D06 Conc.	Qual.	Round 4 B00DD7 Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	2.00	UJ	2.00	U	2.00	U	10.00	U
BROMOMETHANE	UG/L	2.00	UJ	2.00	U	2.00	U	10.00	U
VINYL CHLORIDE	UG/L	2.00	UJ	2.00	U	2.00	U	10.00	U
CHLOROETHANE	UG/L	2.00	UJ	2.00	U	2.00	U	10.00	U
METHYLENE CHLORIDE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
ACETONE	UG/L	2.00	UJ	10.00	U	10.00	U	10.00	U
CARBON DISULFIDE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,1-DICHLOROETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,2-DICHLOROETHENE (TOTAL)	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
CHLOROFORM	UG/L	3.00	J	0.70	J	13.00		5.00	U
1,2-DICHLOROETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
2-BUTANONE	UG/L	2.00	UJ	10.00	U	10.00	U	10.00	U
1,1,1-TRICHLOROETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
CARBON TETRACHLORIDE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
VINYL ACETATE	UG/L	2.00	UJ	2.00	U	2.00	U	10.00	U
BROMODICHLOROMETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,2-DICHLOROPROPANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
CIS-1,3-DICHLOROPROPENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
TRICHLOROETHENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
DIBROMOCHLOROMETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,1,2-TRICHLOROETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
BENZENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
TRANS-1,3-DICHLOROPROPENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
BROMOFORM	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
4-METHYL-2-PENTANONE	UG/L	2.00	UJ	10.00	U	10.00	U	10.00	U
2-HEXANONE	UG/L	2.00	UJ	10.00	U	10.00	U	10.00	U
TETRACHLOROETHENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
1,1,2,2-TETRACHLOROETHANE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
TOLUENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
CHLOROBENZENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
ETHYLBENZENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
STYRENE	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
XYLENES (TOTAL)	UG/L	1.00	UJ	1.00	U	1.00	U	5.00	U
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES		B0061T							
PHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROETHYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-CHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,3-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,4-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZYL ALCOHOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
1,2-DICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
N-NITROSO-DI-N-PROPYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROETHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NITROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ISOPHORONE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DIMETHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZOIC ACID	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
BIS(2-CHLOROETHOXY)METHANE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ

RWF-EAST

Parameter	Units	Round 1 B0061T Conc.	Qual.	Round 2 B00808 Conc.	Qual.	Round 3 B00006 Conc.	Qual.	Round 4 B00007 Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
NAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROANILINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBUTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLORO-3-METHYLPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-METHYLNAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROCYCLOPENTADIENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,6-TRICHLOROPHENOL	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4,5-TRICHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
2-CHLORONAPHTHALENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIMETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ACENAPHTHYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,6-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
ACENAPHTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4-NITROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
DIBENZOFURAN	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
2,4-DINITROTOLUENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIETHYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-CHLOROPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-NITROANILINE	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
4,6-DINITRO-2-METHYLPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
N-NITROSODIPHENYLAMINE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
4-BROMOPHENYL-PHENYLETHER	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
HEXACHLOROBENZENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PENTACHLOROPHENOL	UG/L	50.00	U	50.00	U	50.00	U	50.00	UJ
PHENANTHRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-BUTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BUTYLBENZYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
3,3'-DICHLOROBENZIDINE	UG/L	20.00	U	20.00	U	20.00	U	20.00	UJ
BENZO(A)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
CHRYSENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DI-N-OCTYLPHTHALATE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(B)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(K)FLUORANTHENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(A)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
INDENO(1,2,3-CD)PYRENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
DIBENZ(A,H)ANTHRACENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
BENZO(G,H,I)PERYLENE	UG/L	10.00	U	10.00	U	10.00	U	10.00	UJ
PESTICIDES									
ALPHA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
BETA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DELTA-BHC	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-BHC (LINDANE)	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ALDRIN	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
HEPTACHLOR EPOXIDE	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
ENDOSULFAN I	UG/L	0.05	U	0.05	U	0.05	U	0.05	UJ
DIELDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDRIN	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN II	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDD	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ENDOSULFAN SULFATE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ

RWF-EAST

Parameter	Units	Round 1 B0061T Conc.	Qual.	Round 2 B00808 Conc.	Qual.	Round 3 B00006 Conc.	Qual.	Round 4 B00DD7 Conc.	Qual.
4,4'-DDT	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
METHOXYCHLOR	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
ENDRIN KETONE	UG/L	0.10	U	0.10	U	0.10	U	0.10	UJ
ALPHA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
GAMMA-CHLORDANE	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
TOXAPHENE	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1016	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1221	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1232	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1242	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1248	UG/L	0.50	U	0.50	U	0.50	U	0.50	UJ
AROCLOR-1254	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
AROCLOR-1260	UG/L	1.00	U	1.00	U	1.00	U	1.00	UJ
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

Parameter	Units	Round 1		Round 2 WELL14		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
BROMOMETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
VINYL CHLORIDE	UG/L	-	NR	10.00	U	-	NR	-	NR
CHLOROETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
METHYLENE CHLORIDE	UG/L	-	NR	5.00	U	-	NR	-	NR
ACETONE	UG/L	-	NR	10.00	U	-	NR	-	NR
CARBON DISULFIDE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1-DICHLOROETHENE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1-DICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,2-DICHLOROETHENE (TOTAL)	UG/L	-	NR	5.00	U	-	NR	-	NR
CHLOROFORM	UG/L	-	NR	5.00	U	-	NR	-	NR
1,2-DICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
2-BUTANONE	UG/L	-	NR	10.00	U	-	NR	-	NR
1,1,1-TRICHLOROETHANE	UG/L	-	NR	7.00		-	NR	-	NR
CARBON TETRACHLORIDE	UG/L	-	NR	5.00	U	-	NR	-	NR
VINYL ACETATE	UG/L	-	NR	10.00	U	-	NR	-	NR
BROMODICHLOROMETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,2-DICHLOROPROPANE	UG/L	-	NR	5.00	U	-	NR	-	NR
CIS-1,3-DICHLOROPROPENE	UG/L	-	NR	5.00	U	-	NR	-	NR
TRICHLOROETHENE	UG/L	-	NR	22.00		-	NR	-	NR
DIBROMOCHLOROMETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1,2-TRICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
BENZENE	UG/L	-	NR	5.00	U	-	NR	-	NR
TRANS-1,3-DICHLOROPROPENE	UG/L	-	NR	5.00	U	-	NR	-	NR
BROMOFORM	UG/L	-	NR	5.00	U	-	NR	-	NR
4-METHYL-2-PENTANONE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-HEXANONE	UG/L	-	NR	10.00	U	-	NR	-	NR
TETRACHLOROETHENE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1,2,2-TETRACHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
TOLUENE	UG/L	-	NR	5.00	U	-	NR	-	NR
CHLOROBENZENE	UG/L	-	NR	5.00	U	-	NR	-	NR
ETHYLBENZENE	UG/L	-	NR	5.00	U	-	NR	-	NR
STYRENE	UG/L	-	NR	5.00	U	-	NR	-	NR
XYLENES (TOTAL)	UG/L	-	NR	5.00	U	-	NR	-	NR
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES									
PHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
BIS(2-CHLOROETHYL)ETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
2-CHLOROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
1,3-DICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
1,4-DICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZYL ALCOHOL	UG/L	-	NR	10.00	U	-	NR	-	NR
1,2-DICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-METHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
4-METHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
N-NITROSO-DI-N-PROPYLAMINE	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
NITROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
ISOPHORONE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-NITROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DIMETHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZOIC ACID	UG/L	-	NR	48.00	U	-	NR	-	NR
BIS(2-CHLOROETHOXY)METHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DICHLOROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR

Parameter	Units	Round 1		Round 2 WELL14		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
NAPHTHALENE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-CHLOROANILINE	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROBUTADIENE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-CHLORO-3-METHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
2-METHYLNAPHTHALENE	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROCYCLOPENTADIENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4,6-TRICHLOROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4,5-TRICHLOROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
2-CHLORONAPHTHALENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-NITROANILINE	UG/L	-	NR	48.00	U	-	NR	-	NR
DIMETHYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
ACENAPHTHYLENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,6-DINITROTOLUENE	UG/L	-	NR	10.00	U	-	NR	-	NR
3-NITROANILINE	UG/L	-	NR	48.00	U	-	NR	-	NR
ACENAPHTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DINITROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
4-NITROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
DIBENZOFURAN	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DINITROTOLUENE	UG/L	-	NR	10.00	U	-	NR	-	NR
DIETHYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-CHLOROPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
FLUORENE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-NITROANILINE	UG/L	-	NR	48.00	U	-	NR	-	NR
4,6-DINITRO-2-METHYLPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
N-NITROSODIPHENYLAMINE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-BROMOPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
PENTACHLOROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
PHENANTHRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
ANTHRACENE	UG/L	-	NR	10.00	U	-	NR	-	NR
DI-N-BUTYLPHTHALATE	UG/L	-	NR	3.00	J	-	NR	-	NR
FLUORANTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
PYRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BUTYLBENZYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
3,3'-DICHLOROBENZIDINE	UG/L	-	NR	19.00	U	-	NR	-	NR
BENZO(A)ANTHRACENE	UG/L	-	NR	10.00	U	-	NR	-	NR
CHRYSENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	-	NR	15.00		-	NR	-	NR
DI-N-OCTYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(B)FLUORANTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(K)FLUORANTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(A)PYRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
INDENO(1,2,3-CD)PYRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
DIBENZ(A,H)ANTHRACENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(G,H,I)PERYLENE	UG/L	-	NR	10.00	U	-	NR	-	NR
PESTICIDES				246801					
ALPHA-BHC	UG/L	-	NR	0.05	U	-	NR	-	NR
BETA-BHC	UG/L	-	NR	0.05	U	-	NR	-	NR
DELTA-BHC	UG/L	-	NR	0.05	U	-	NR	-	NR
GAMMA-BHC (LINDANE)	UG/L	-	NR	0.05	U	-	NR	-	NR
HEPTACHLOR	UG/L	-	NR	0.05	U	-	NR	-	NR
ALDRIN	UG/L	-	NR	0.05	U	-	NR	-	NR
HEPTACHLOR EPOXIDE	UG/L	-	NR	0.05	U	-	NR	-	NR
ENDOSULFAN I	UG/L	-	NR	0.05	U	-	NR	-	NR
DIELDRIN	UG/L	-	NR	0.10	U	-	NR	-	NR
4,4'-DDE	UG/L	-	NR	0.10	U	-	NR	-	NR
ENDRIN	UG/L	-	NR	0.10	U	-	NR	-	NR
ENDOSULFAN II	UG/L	-	NR	0.10	U	-	NR	-	NR
4,4'-DDD	UG/L	-	NR	0.10	U	-	NR	-	NR
ENDOSULFAN SULFATE	UG/L	-	NR	0.10	U	-	NR	-	NR

Parameter	Units	Round 1		Round 2 246801		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
4,4'-DDT	UG/L	-	NR	0.10	U	-	NR	-	NR
METHOXYCHLOR	UG/L	-	NR	0.48	U	-	NR	-	NR
ENDRIN KETONE	UG/L	-	NR	0.10	U	-	NR	-	NR
ALPHA-CHLORDANE	UG/L	-	NR	0.48	U	-	NR	-	NR
GAMMA-CHLORDANE	UG/L	-	NR	0.48	U	-	NR	-	NR
TOXAPHENE	UG/L	-	NR	0.95	U	-	NR	-	NR
AROCLOR-1016	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1221	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1232	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1242	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1248	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1254	UG/L	-	NR	0.95	U	-	NR	-	NR
AROCLOR-1260	UG/L	-	NR	0.95	U	-	NR	-	NR
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 WELL15 Conc.	Round 2 Qual.	Round 3 Conc.	Round 3 Qual.	Round 4 Conc.	Round 4 Qual.
VOLATILES									
CHLOROMETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
BROMOMETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
VINYL CHLORIDE	UG/L	-	NR	10.00	U	-	NR	-	NR
CHLOROETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
METHYLENE CHLORIDE	UG/L	-	NR	5.00	U	-	NR	-	NR
ACETONE	UG/L	-	NR	10.00	U	-	NR	-	NR
CARBON DISULFIDE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1-DICHLOROETHENE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1-DICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,2-DICHLOROETHENE (TOTAL)	UG/L	-	NR	5.00	U	-	NR	-	NR
CHLOROFORM	UG/L	-	NR	5.00	U	-	NR	-	NR
1,2-DICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
2-BUTANONE	UG/L	-	NR	10.00	U	-	NR	-	NR
1,1,1-TRICHLOROETHANE	UG/L	-	NR	5.00		-	NR	-	NR
CARBON TETRACHLORIDE	UG/L	-	NR	5.00	U	-	NR	-	NR
VINYL ACETATE	UG/L	-	NR	10.00	U	-	NR	-	NR
BROMODICHLOROMETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,2-DICHLOROPROPANE	UG/L	-	NR	5.00	U	-	NR	-	NR
CIS-1,3-DICHLOROPROPENE	UG/L	-	NR	5.00	U	-	NR	-	NR
TRICHLOROETHENE	UG/L	-	NR	58.00		-	NR	-	NR
DIBROMOCHLOROMETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1,2-TRICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
BENZENE	UG/L	-	NR	5.00	U	-	NR	-	NR
TRANS-1,3-DICHLOROPROPENE	UG/L	-	NR	5.00	U	-	NR	-	NR
BROMOFORM	UG/L	-	NR	5.00	U	-	NR	-	NR
4-METHYL-2-PENTANONE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-HEXANONE	UG/L	-	NR	10.00	U	-	NR	-	NR
TETRACHLOROETHENE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1,2,2-TETRACHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
TOLUENE	UG/L	-	NR	5.00	U	-	NR	-	NR
CHLOROBENZENE	UG/L	-	NR	5.00	U	-	NR	-	NR
ETHYLBENZENE	UG/L	-	NR	5.00	U	-	NR	-	NR
STYRENE	UG/L	-	NR	5.00	U	-	NR	-	NR
XYLENES (TOTAL)	UG/L	-	NR	5.00	U	-	NR	-	NR
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES									
PHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
BIS(2-CHLOROETHYL)ETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
2-CHLOROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
1,3-DICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
1,4-DICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZYL ALCOHOL	UG/L	-	NR	10.00	U	-	NR	-	NR
1,2-DICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-METHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
4-METHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
N-NITROSO-DI-N-PROPYLAMINE	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
NITROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
ISOPHORONE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-NITROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DIMETHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZOIC ACID	UG/L	-	NR	48.00	U	-	NR	-	NR
BIS(2-CHLOROETHOXY)METHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DICHLOROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR

Parameter	Units	Round 1		Round 2 WELL15		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
NAPHTHALENE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-CHLOROANILINE	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROBUTADIENE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-CHLORO-3-METHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
2-METHYLNAPHTHALENE	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROCYCLOPENTADIENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4,6-TRICHLOROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4,5-TRICHLOROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
2-CHLORONAPHTHALENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-NITROANILINE	UG/L	-	NR	48.00	U	-	NR	-	NR
DIMETHYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
ACENAPHTHYLENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,6-DINITROTOLUENE	UG/L	-	NR	10.00	U	-	NR	-	NR
3-NITROANILINE	UG/L	-	NR	48.00	U	-	NR	-	NR
ACENAPHTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DINITROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
4-NITROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
DIBENZOFURAN	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DINITROTOLUENE	UG/L	-	NR	10.00	U	-	NR	-	NR
DIETHYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-CHLOROPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
FLUORENE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-NITROANILINE	UG/L	-	NR	48.00	U	-	NR	-	NR
4,6-DINITRO-2-METHYLPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
N-NITROSODIPHENYLAMINE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-BROMOPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
PENTACHLOROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
PHENANTHRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
ANTHRACENE	UG/L	-	NR	10.00	U	-	NR	-	NR
DI-N-BUTYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
FLUORANTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
PYRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BUTYLBENZYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
3,3'-DICHLOROBENZIDINE	UG/L	-	NR	19.00	U	-	NR	-	NR
BENZO(A)ANTHRACENE	UG/L	-	NR	10.00	U	-	NR	-	NR
CHRYSENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	-	NR	21.00		-	NR	-	NR
DI-N-OCTYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(B)FLUORANTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(K)FLUORANTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(A)PYRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
INDENO(1,2,3-CD)PYRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
DIBENZ(A,H)ANTHRACENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(G,H,I)PERYLENE	UG/L	-	NR	10.00	U	-	NR	-	NR
PESTICIDES				246802					
ALPHA-BHC	UG/L	-	NR	0.05	U	-	NR	-	NR
BETA-BHC	UG/L	-	NR	0.05	U	-	NR	-	NR
DELTA-BHC	UG/L	-	NR	0.05	U	-	NR	-	NR
GAMMA-BHC (LINDANE)	UG/L	-	NR	0.05	U	-	NR	-	NR
HEPTACHLOR	UG/L	-	NR	0.05	U	-	NR	-	NR
ALDRIN	UG/L	-	NR	0.05	U	-	NR	-	NR
HEPTACHLOR EPOXIDE	UG/L	-	NR	0.05	U	-	NR	-	NR
ENDOSULFAN I	UG/L	-	NR	0.05	U	-	NR	-	NR
DIELDRIN	UG/L	-	NR	0.10	U	-	NR	-	NR
4,4'-DDE	UG/L	-	NR	0.10	U	-	NR	-	NR
ENDRIN	UG/L	-	NR	0.10	U	-	NR	-	NR
ENDOSULFAN II	UG/L	-	NR	0.10	U	-	NR	-	NR
4,4'-DDD	UG/L	-	NR	0.10	U	-	NR	-	NR
ENDOSULFAN SULFATE	UG/L	-	NR	0.10	U	-	NR	-	NR

Parameter	Units	Round 1		Round 2 246802		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
4,4'-DDT	UG/L	-	NR	0.10	U	-	NR	-	NR
METHOXYCHLOR	UG/L	-	NR	0.48	U	-	NR	-	NR
ENDRIN KETONE	UG/L	-	NR	0.10	U	-	NR	-	NR
ALPHA-CHLORDANE	UG/L	-	NR	0.48	U	-	NR	-	NR
GAMMA-CHLORDANE	UG/L	-	NR	0.48	U	-	NR	-	NR
TOXAPHENE	UG/L	-	NR	0.95	U	-	NR	-	NR
AROCLOR-1016	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1221	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1232	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1242	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1248	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1254	UG/L	-	NR	0.95	U	-	NR	-	NR
AROCLOR-1260	UG/L	-	NR	0.95	U	-	NR	-	NR
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

Parameter	Units	Round 1		Round 2 WELL16		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
VOLATILES									
CHLOROMETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
BROMOMETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
VINYL CHLORIDE	UG/L	-	NR	10.00	U	-	NR	-	NR
CHLOROETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
METHYLENE CHLORIDE	UG/L	-	NR	5.00	U	-	NR	-	NR
ACETONE	UG/L	-	NR	10.00	U	-	NR	-	NR
CARBON DISULFIDE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1-DICHLOROETHENE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1-DICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,2-DICHLOROETHENE (TOTAL)	UG/L	-	NR	5.00	U	-	NR	-	NR
CHLOROFORM	UG/L	-	NR	5.00	U	-	NR	-	NR
1,2-DICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
2-BUTANONE	UG/L	-	NR	10.00	U	-	NR	-	NR
1,1,1-TRICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
CARBON TETRACHLORIDE	UG/L	-	NR	5.00	U	-	NR	-	NR
VINYL ACETATE	UG/L	-	NR	10.00	U	-	NR	-	NR
BROMODICHLOROMETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,2-DICHLOROPROPANE	UG/L	-	NR	5.00	U	-	NR	-	NR
CIS-1,3-DICHLOROPROPENE	UG/L	-	NR	5.00	U	-	NR	-	NR
TRICHLOROETHENE	UG/L	-	NR	53.00		-	NR	-	NR
DIBROMOCHLOROMETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1,2-TRICHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
BENZENE	UG/L	-	NR	5.00	U	-	NR	-	NR
TRANS-1,3-DICHLOROPROPENE	UG/L	-	NR	5.00	U	-	NR	-	NR
BROMOFORM	UG/L	-	NR	5.00	U	-	NR	-	NR
4-METHYL-2-PENTANONE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-HEXANONE	UG/L	-	NR	10.00	U	-	NR	-	NR
TETRACHLOROETHENE	UG/L	-	NR	5.00	U	-	NR	-	NR
1,1,2,2-TETRACHLOROETHANE	UG/L	-	NR	5.00	U	-	NR	-	NR
TOLUENE	UG/L	-	NR	5.00	U	-	NR	-	NR
CHLOROBENZENE	UG/L	-	NR	5.00	U	-	NR	-	NR
ETHYLBENZENE	UG/L	-	NR	5.00	U	-	NR	-	NR
STYRENE	UG/L	-	NR	5.00	U	-	NR	-	NR
XYLENES (TOTAL)	UG/L	-	NR	5.00	U	-	NR	-	NR
TOTAL TRIHALOMETHANES	UG/L	-	NR	-	NR	-	NR	-	NR
SEMI-VOLATILES									
PHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
BIS(2-CHLOROETHYL)ETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
2-CHLOROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
1,3-DICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
1,4-DICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZYL ALCOHOL	UG/L	-	NR	10.00	U	-	NR	-	NR
1,2-DICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-METHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
4-METHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
N-NITROSO-DI-N-PROPYLAMINE	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROETHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
NITROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
ISOPHORONE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-NITROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DIMETHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZOIC ACID	UG/L	-	NR	48.00	U	-	NR	-	NR
BIS(2-CHLOROETHOXY)METHANE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DICHLOROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR

Parameter	Units	Round 1		Round 2 WELL16		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
1,2,4-TRICHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
NAPHTHALENE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-CHLOROANILINE	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROBUTADIENE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-CHLORO-3-METHYLPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
2-METHYLNAPHTHALENE	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROCYCLOPENTADIENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4,6-TRICHLOROPHENOL	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4,5-TRICHLOROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
2-CHLORONAPHTHALENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2-NITROANILINE	UG/L	-	NR	48.00	U	-	NR	-	NR
DIMETHYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
ACENAPHTHYLENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,6-DINITROTOLUENE	UG/L	-	NR	10.00	U	-	NR	-	NR
3-NITROANILINE	UG/L	-	NR	48.00	U	-	NR	-	NR
ACENAPHTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DINITROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
4-NITROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
DIBENZOFURAN	UG/L	-	NR	10.00	U	-	NR	-	NR
2,4-DINITROTOLUENE	UG/L	-	NR	10.00	U	-	NR	-	NR
DIETHYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-CHLOROPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
FLUORENE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-NITROANILINE	UG/L	-	NR	48.00	U	-	NR	-	NR
4,6-DINITRO-2-METHYLPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
N-NITROSODIPHENYLAMINE	UG/L	-	NR	10.00	U	-	NR	-	NR
4-BROMOPHENYL-PHENYLETHER	UG/L	-	NR	10.00	U	-	NR	-	NR
HEXACHLOROBENZENE	UG/L	-	NR	10.00	U	-	NR	-	NR
PENTACHLOROPHENOL	UG/L	-	NR	48.00	U	-	NR	-	NR
PHENANTHRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
ANTHRACENE	UG/L	-	NR	10.00	U	-	NR	-	NR
DI-N-BUTYLPHTHALATE	UG/L	-	NR	4.00	J	-	NR	-	NR
FLUORANTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
PYRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BUTYLBENZYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
3,3'-DICHLOROBENZIDINE	UG/L	-	NR	19.00	U	-	NR	-	NR
BENZO(A)ANTHRACENE	UG/L	-	NR	10.00	U	-	NR	-	NR
CHRYSENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	-	NR	27.00		-	NR	-	NR
DI-N-OCTYLPHTHALATE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(B)FLUORANTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(K)FLUORANTHENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(A)PYRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
INDENO(1,2,3-CD)PYRENE	UG/L	-	NR	10.00	U	-	NR	-	NR
DIBENZ(A,H)ANTHRACENE	UG/L	-	NR	10.00	U	-	NR	-	NR
BENZO(G,H,I)PERYLENE	UG/L	-	NR	10.00	U	-	NR	-	NR
PESTICIDES				246803					
ALPHA-BHC	UG/L	-	NR	0.05	U	-	NR	-	NR
BETA-BHC	UG/L	-	NR	0.05	U	-	NR	-	NR
DELTA-BHC	UG/L	-	NR	0.05	U	-	NR	-	NR
GAMMA-BHC (LINDANE)	UG/L	-	NR	0.05	U	-	NR	-	NR
HEPTACHLOR	UG/L	-	NR	0.05	U	-	NR	-	NR
ALDRIN	UG/L	-	NR	0.05	U	-	NR	-	NR
HEPTACHLOR EPOXIDE	UG/L	-	NR	0.05	U	-	NR	-	NR
ENDOSULFAN I	UG/L	-	NR	0.05	U	-	NR	-	NR
DIELDRIN	UG/L	-	NR	0.10	U	-	NR	-	NR
4,4'-DDE	UG/L	-	NR	0.10	U	-	NR	-	NR
ENDRIN	UG/L	-	NR	0.10	U	-	NR	-	NR
ENDOSULFAN II	UG/L	-	NR	0.10	U	-	NR	-	NR
4,4'-DDD	UG/L	-	NR	0.10	U	-	NR	-	NR
ENDOSULFAN SULFATE	UG/L	-	NR	0.10	U	-	NR	-	NR

Parameter	Units	Round 1		Round 2 246803		Round 3		Round 4	
		Conc.	Qual.	Conc.	Qual.	Conc.	Qual.	Conc.	Qual.
4,4'-DDT	UG/L	-	NR	0.10	U	-	NR	-	NR
METHOXYCHLOR	UG/L	-	NR	0.48	U	-	NR	-	NR
ENDRIN KETONE	UG/L	-	NR	0.10	U	-	NR	-	NR
ALPHA-CHLORDANE	UG/L	-	NR	0.48	U	-	NR	-	NR
GAMMA-CHLORDANE	UG/L	-	NR	0.48	U	-	NR	-	NR
TOXAPHENE	UG/L	-	NR	0.95	U	-	NR	-	NR
AROCLOR-1016	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1221	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1232	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1242	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1248	UG/L	-	NR	0.48	U	-	NR	-	NR
AROCLOR-1254	UG/L	-	NR	0.95	U	-	NR	-	NR
AROCLOR-1260	UG/L	-	NR	0.95	U	-	NR	-	NR
HERBICIDES									
2,4,5-TP (SILVEX)	UG/L	-	NR	-	NR	-	NR	-	NR
2,4-D	UG/L	-	NR	-	NR	-	NR	-	NR

Appendix A-2

Unfiltered Inorganic Results

Appendix A-2 Unfiltered Inorganic Results

6-S41-E11, MW-1
6-S34-E10, MW-2
6-S41-E12, MW-3
6-S38-E12A, MW-4
6-S38-E12B, MW-5
6-S37-E11, MW-6
6-S38-E11, MW-7
6-S31-E8, MW-8
6-S32-E8, MW-9
6-S30-E10A, MW-10
6-S30-E10B, MW-11
6-S31-E10A, MW-12
6-S31-E10B, MW-13
6-S31-E10C, MW-14
6-S31-E10D, MW-15
6-S41-E13C, MW-17
6-S27-E14
6-S29-E12
6-S30-E15A
6-S31-E13
6-S32-E13A
6-S37-E14
6-S40-E14
6-S41-E13A
6-S41-E13B
6-S43-E12
RWF-WEST
RWF-EAST
ANF-14
ANF-15
ANF-16

6-S41-E11,MW-1

Parameter	Units	Round 1 B0023T Conc.	Qual.	Round 2 B000G9 Conc.	Qual.	Round 3 B00CP9 Conc.	Qual.	Round 4 B000C5 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	189.00	U	83.30	U	196.00	U	65.70	B
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	50.00	U
ARSENIC	UG/L	1.00	U	2.70	J	2.00	UJ	2.60	J
BARIUM	UG/L	103.00	B	50.50	B	71.30	B	63.30	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	3.00	U
CALCIUM	UG/L	87400.00		64400.00		73300.00		72100.00	
CHROMIUM	UG/L	11.70	U	56.80	J	39.10		25.50	
COBALT	UG/L	3.00	U	3.00	U	2.20	B	5.00	U
COPPER	UG/L	5.10	U	3.20	U	6.00	U	4.00	U
IRON	UG/L	227.00	J	305.00	J	278.00		177.00	
LEAD	UG/L	2.30	J	2.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	18900.00		13900.00	J	16000.00		15400.00	
MANGANESE	UG/L	352.00		26.60		7.70	B	7.70	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	11.70	U	101.00		137.00		86.60	
POTASSIUM	UG/L	8690.00		6820.00		7300.00		7530.00	
SELENIUM	UG/L	2.00	U	2.00	UJ	2.00	U	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	6.00	U
SODIUM	UG/L	30800.00	J	24800.00	J	28900.00		24500.00	J
THALLIUM	UG/L	1.00	UJ	4.00	U	3.00	UJ	3.00	U
VANADIUM	UG/L	5.60	U	6.10	B	3.80	U	5.00	U
ZINC	UG/L	2.00	U	4.50	B	3.00	U	1.60	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	0.00	

6-S34-E10,MW-2

Parameter	Units	Round 1 B00033 Conc.	Qual.	Round 2 B000G4 Conc.	Qual.	Round 3 B00CP1 Conc.	Qual.	Round 4 B00078 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	430.00		381.00		221.00	U	25.00	U
ANTIMONY	UG/L	21.00	UJ	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	3.90	B	3.60	J	4.80	UJ	5.20	B
BARIUM	UG/L	53.90	B	51.30	B	53.40	B	49.00	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	42400.00	J	41200.00		44100.00		42100.00	
CHROMIUM	UG/L	5.80	U	45.40	J	6.70	B	10.30	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	9.70	U	6.00	U	5.00	U
IRON	UG/L	563.00		543.00	J	121.00		76.00	B
LEAD	UG/L	1.00	U	2.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	9160.00		8400.00	J	9780.00		9290.00	J
MANGANESE	UG/L	77.80	J	54.10		22.90		7.50	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	7.90	U	27.70	B	20.00	U	20.00	U
POTASSIUM	UG/L	5850.00		5950.00		5750.00		5830.00	
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	U	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	24900.00	J	23100.00	J	23800.00		19600.00	J
THALLIUM	UG/L	1.00	U	4.00	U	3.00	UJ	2.00	UJ
VANADIUM	UG/L	8.20	B	6.20	B	5.20	U	10.00	U
ZINC	UG/L	2.00	U	2.50	B	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S41-E12, MW-3

Parameter	Units	Round 1 B0064T Conc.	Qual.	Round 2 B000J2 Conc.	Qual.	Round 3 B00CT5 Conc.	Qual.	Round 4 B000C9 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	1960.00		812.00		85.40	U	82.50	B
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	2.30	U	2.00	U	5.40	B	1.60	UJ
BARIUM	UG/L	137.00	B	97.70	B	119.00	B	139.00	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	B
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	4.30	B
CALCIUM	UG/L	144000.00		104000.00		123000.00		13800.00	
CHROMIUM	UG/L	4.20	U	41.50	J	10.90		16.70	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	4.70	B	3.40	U	3.00	U	4.00	U
IRON	UG/L	2810.00	J	1320.00	J	177.00		301.00	
LEAD	UG/L	4.30	U	2.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	32100.00		22800.00	J	29000.00		29200.00	
MANGANESE	UG/L	276.00		154.00		263.00		45.00	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	54.80		35.60	B	61.70	
POTASSIUM	UG/L	11400.00		8490.00		8710.00		10600.00	
SELENIUM	UG/L	1.00	UJ	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	49200.00	J	34400.00	J	38000.00		47400.00	J
THALLIUM	UG/L	1.00	UJ	4.00	UJ	1.00	UJ	3.00	UJ
VANADIUM	UG/L	13.90	U	6.60	B	6.20	U	5.30	B
ZINC	UG/L	5.70	U	9.40	B	2.00	U	2.30	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	-	NR

6-S38-E12A,MW-4

Parameter	Units	Round 1 B0026T Conc.	Qual.	Round 2 B000J8 Conc.	Qual.	Round 3 B00CR1 Conc.	Qual.	Round 4 B00D62 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	183.00	U	237.00		183.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	5.90	J	6.30	B	5.60	UJ	5.60	B
BARIUM	UG/L	48.10	B	47.20	B	43.90	B	35.90	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	35900.00		36900.00		41300.00		36300.00	
CHROMIUM	UG/L	48.80	J	13.30		9.50	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	4.30	U	7.60	U	6.00	U	5.00	U
IRON	UG/L	2100.00	J	356.00		21.10	U	25.00	U
LEAD	UG/L	2.00	UJ	2.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	7420.00		7690.00		9000.00		8140.00	
MANGANESE	UG/L	37.60		19.70		2.00	U	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.25	J	0.20	U
NICKEL	UG/L	35.00	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	4510.00	B	3730.00	B	3780.00	B	4840.00	B
SELENIUM	UG/L	2.00	UJ	2.00	UJ	2.00	U	3.00	U
SILVER	UG/L	2.30	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	13900.00		13800.00	J	14400.00		12700.00	
THALLIUM	UG/L	1.00	U	4.00	U	3.00	UJ	2.00	U
VANADIUM	UG/L	7.10	B	7.10	B	7.00	U	12.60	B
ZINC	UG/L	5.00	U	10.90	UJ	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S38-E12B,MW-5

Parameter	Units	Round 1 B00029 Conc.	Qual.	Round 2 B000K2 Conc.	Qual.	Round 3 B00CR5 Conc.	Qual.	Round 4 B00D66 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	110.00	U	163.00	B	176.00	U	25.00	U
ANTIMONY	UG/L	21.00	UJ	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	4.80	B	4.20	B	6.00	UJ	7.00	B
BARIUM	UG/L	58.20	B	60.60	B	60.30	B	54.10	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	33100.00	J	33300.00		34600.00		34100.00	
CHROMIUM	UG/L	9.30	U	10.10		7.60	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	5.40	U	6.00	U	5.00	U
IRON	UG/L	72.30	B	90.50	U	49.30	U	25.00	U
LEAD	UG/L	1.90	U	2.20	J	2.00	U	3.00	U
MAGNESIUM	UG/L	7020.00		6710.00		7320.00		7140.00	J
MANGANESE	UG/L	273.00	J	82.10		44.60		5.90	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	7.00	U	22.10	B	20.00	U	20.00	U
POTASSIUM	UG/L	4610.00	B	4400.00	B	4510.00	B	5000.00	
SELENIUM	UG/L	1.00	UJ	2.00	UJ	2.00	U	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	19500.00	J	18800.00	J	19600.00		17900.00	J
THALLIUM	UG/L	1.60	U	4.00	U	3.00	UJ	2.00	UJ
VANADIUM	UG/L	6.20	U	3.40	B	5.30	U	10.00	U
ZINC	UG/L	2.00	U	20.40	UJ	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S37-E11,MW-6

Parameter	Units	Round 1 B0021T Conc.	Qual.	Round 2 B000H3 Conc.	Qual.	Round 3 B00C03 Conc.	Qual.	Round 4 B00D74 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	141.00	U	165.00	U	182.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	5.80	J	3.00	J	4.50	UJ	5.60	B
BARIUM	UG/L	44.90	B	50.50	B	49.30	B	38.60	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	39500.00		41100.00		40700.00		38600.00	
CHROMIUM	UG/L	14.50	J	17.70	J	9.00	B	12.50	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.10	U	3.20	U	6.00	U	5.00	U
IRON	UG/L	207.00	J	133.00	UJ	80.70	B	91.30	B
LEAD	UG/L	2.10	J	2.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	8550.00		8520.00	J	9410.00		8930.00	J
MANGANESE	UG/L	205.00		9.90	B	3.20	B	7.00	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	7.00	U	22.50	B	20.00	U	20.00	B
POTASSIUM	UG/L	5370.00		5340.00		4810.00	B	5320.00	
SELENIUM	UG/L	2.00	UJ	2.00	UJ	2.00	U	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	21400.00	J	23400.00	J	20700.00		19000.00	J
THALLIUM	UG/L	1.00	UJ	4.00	U	3.00	UJ	2.00	UJ
VANADIUM	UG/L	7.40	B	6.90	B	5.80	U	10.00	U
ZINC	UG/L	2.00	U	2.00	U	3.00	U	10.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S38-E11,MW-7

Parameter	Units	Round 1 B0019T Conc.	Qual.	Round 2 B000H7 Conc.	Qual.	Round 3 B00CQ7 Conc.	Qual.	Round 4 B00082 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	179.00	U	138.00	U	161.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	6.80	B	6.80	J	8.00	UJ	8.20	B
BARIUM	UG/L	52.40	B	43.90	B	46.60	B	40.10	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	43600.00		48100.00		49600.00		46800.00	
CHROMIUM	UG/L	9.70	U	5.00	UJ	19.00		10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.10	U	3.20	U	6.00	U	5.00	U
IRON	UG/L	355.00	J	63.90	UJ	136.00		78.50	B
LEAD	UG/L	2.00	UJ	2.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	8070.00		8360.00	J	9730.00		9200.00	J
MANGANESE	UG/L	246.00		27.50		9.30	B	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	7.00	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	6260.00		5910.00		5700.00		6300.00	
SELENIUM	UG/L	2.00	UJ	2.00	UJ	2.00	U	3.00	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	23900.00	J	24200.00	J	25800.00		22400.00	J
THALLIUM	UG/L	1.00	U	4.00	U	3.00	UJ	2.00	UJ
VANADIUM	UG/L	9.50		11.80	B	10.30	U	12.40	B
ZINC	UG/L	3.80	U	2.00	U	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S31-EB, MW-8

Parameter	Units	Round 1 B00041 Conc.	Qual.	Round 2 B00070 Conc.	Qual.	Round 3 B009X2 Conc.	Qual.	Round 4 B00004 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	105.00	U	136.00	U	134.00	UJ	159.00	B
ANTIMONY	UG/L	21.00	UJ	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	5.70	B	6.80	J	8.40	B	8.60	B
BARIUM	UG/L	51.80	B	52.40	B	47.50	J	50.90	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	54200.00	J	54900.00		53100.00		54000.00	
CHROMIUM	UG/L	4.30	U	7.80	B	6.10	J	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	2.60	B	6.00	U	5.00	U
IRON	UG/L	114.00		34.60	U	49.00	U	184.00	
LEAD	UG/L	3.10	UJ	2.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	13400.00		13700.00		13300.00		13900.00	
MANGANESE	UG/L	51.00	J	8.90	B	5.80	B	19.40	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	16.80	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	5320.00		5150.00		4930.00	B	5370.00	
SELENIUM	UG/L	1.00	U	2.00	U	3.20	U	3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	20400.00	J	20700.00	J	19600.00		19800.00	
THALLIUM	UG/L	1.00	U	2.00	U	1.00	UJ	2.00	U
VANADIUM	UG/L	9.60	B	9.40	U	9.80	B	12.60	B
ZINC	UG/L	6.90	U	4.20	B	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S32-E8,MW-9

Parameter	Units	Round 1 B00035 Conc.	Qual.	Round 2 B00074 Conc.	Qual.	Round 3 B00929 Conc.	Qual.	Round 4 B00023 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	102.00	U	121.00	U	88.00	UJ	25.00	U
ANTIMONY	UG/L	21.00	UJ	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	1.00	U	2.00	U	2.60	B	2.20	B
BARIUM	UG/L	51.80	B	63.00	B	62.70	J	60.50	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	16500.00	J	20100.00		18800.00		18500.00	
CHROMIUM	UG/L	3.90	U	5.00	U	5.00	UJ	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	2.60	B	6.00	U	5.00	U
IRON	UG/L	95.00	B	42.70	U	49.00	U	25.00	U
LEAD	UG/L	1.30	U	2.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	4140.00	B	4980.00	B	4510.00	B	4790.00	B
MANGANESE	UG/L	114.00	J	210.00		156.00		139.00	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	11.90	U	45.60		20.00	U	20.00	U
POTASSIUM	UG/L	3610.00	B	4450.00	B	3690.00	B	4150.00	B
SELENIUM	UG/L	1.00	U	2.00	U	3.30	U	3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	13000.00	J	26700.00	J	22100.00		19000.00	
THALLIUM	UG/L	1.00	U	2.00	U	1.00	UJ	2.00	U
VANADIUM	UG/L	1.00	U	3.00	U	2.00	U	10.00	U
ZINC	UG/L	2.10	U	2.30	B	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S31-E8, MW-8

Parameter	Units	Round 1 B00041 Conc.	Qual.	Round 2 B00070 Conc.	Qual.	Round 3 B009X2 Conc.	Qual.	Round 4 B00D04 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	105.00	U	136.00	U	134.00	UJ	159.00	B
ANTIMONY	UG/L	21.00	UJ	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	5.70	B	6.80	J	8.40	B	8.60	B
BARIUM	UG/L	51.80	B	52.40	B	47.50	J	50.90	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	54200.00	J	54900.00		53100.00		54000.00	
CHROMIUM	UG/L	4.30	U	7.80	B	6.10	J	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	2.60	B	6.00	U	5.00	U
IRON	UG/L	114.00		34.60	U	49.00	U	184.00	
LEAD	UG/L	3.10	UJ	2.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	13400.00		13700.00		13300.00		13900.00	
MANGANESE	UG/L	51.00	J	8.90	B	5.80	B	19.40	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	16.80	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	5320.00		5150.00		4930.00	B	5370.00	
SELENIUM	UG/L	1.00	U	2.00	U	3.20	U	3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	20400.00	J	20700.00	J	19600.00		19800.00	
THALLIUM	UG/L	1.00	U	2.00	U	1.00	UJ	2.00	U
VANADIUM	UG/L	9.60	B	9.40	U	9.80	B	12.60	B
ZINC	UG/L	6.90	U	4.20	B	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S32-E8,MW-9

Parameter	Units	Round 1 B00035 Conc.	Qual.	Round 2 B00074 Conc.	Qual.	Round 3 B00929 Conc.	Qual.	Round 4 B00D23 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	102.00	U	121.00	U	88.00	UJ	25.00	U
ANTIMONY	UG/L	21.00	UJ	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	1.00	U	2.00	U	2.60	B	2.20	B
BARIUM	UG/L	51.80	B	63.00	B	62.70	J	60.50	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	16500.00	J	20100.00		18800.00		18500.00	
CHROMIUM	UG/L	3.90	U	5.00	U	5.00	UJ	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	2.60	B	6.00	U	5.00	U
IRON	UG/L	95.00	B	42.70	U	49.00	U	25.00	U
LEAD	UG/L	1.30	U	2.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	4140.00	B	4980.00	B	4510.00	B	4790.00	B
MANGANESE	UG/L	114.00	J	210.00		156.00		139.00	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	11.90	U	45.60		20.00	U	20.00	U
POTASSIUM	UG/L	3610.00	B	4450.00	B	3690.00	B	4150.00	B
SELENIUM	UG/L	1.00	U	2.00	U	3.30	U	3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	13000.00	J	26700.00	J	22100.00		19000.00	
THALLIUM	UG/L	1.00	U	2.00	U	1.00	UJ	2.00	U
VANADIUM	UG/L	1.00	U	3.00	U	2.00	U	10.00	U
ZINC	UG/L	2.10	U	2.30	B	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S30-E10A,MW-10

Parameter	Units	Round 1 B0016T Conc.	Qual.	Round 2 B0007B Conc.	Qual.	Round 3 B00B04 Conc.	Qual.	Round 4 B00027 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	1730.00		418.00		883.00	J	355.00	
ANTIMONY	UG/L	31.50	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	1.80	J	2.20	J	3.40	B	3.30	B
BARIUM	UG/L	111.00	B	97.30	B	95.70	J	91.50	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	92600.00		97700.00		91600.00		93000.00	
CHROMIUM	UG/L	15.20		6.70	B	7.00	J	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	4.60	U	2.00	U	6.00	U	5.00	U
IRON	UG/L	4030.00	J	627.00		1630.00		667.00	
LEAD	UG/L	19.30	J	54.00		8.30		3.40	
MAGNESIUM	UG/L	21100.00		20900.00		19900.00		21100.00	
MANGANESE	UG/L	294.00		44.60		45.00		22.90	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	15.60	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	9640.00		8950.00		8220.00		8320.00	
SELENIUM	UG/L	2.00	UJ	2.00	U	5.20	U	3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	31400.00	J	30600.00	J	30100.00		30400.00	
THALLIUM	UG/L	1.00	U	2.00	U	1.00	U	2.00	UJ
VANADIUM	UG/L	4.60	U	6.40	U	4.20	B	10.00	U
ZINC	UG/L	18.20	B	6.70	B	3.20	B	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S30-E10B,MW-11

Parameter	Units	Round 1 B0013T Conc.	Qual.	Round 2 B00083 Conc.	Qual.	Round 3 B00827 Conc.	Qual.	Round 4 B00035 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	855.00		194.00	U	869.00	J	112.00	B
ANTIMONY	UG/L	23.30	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	1.00	U	2.00	U	2.00	U	2.00	B
BARIUM	UG/L	111.00	B	95.40	B	107.00	J	90.60	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	90800.00		96500.00		96500.00		99200.00	
CHROMIUM	UG/L	11.40	U	5.00	U	15.30	J	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	4.30	U	2.00	U	7.00	B	5.00	U
IRON	UG/L	1660.00	J	139.00	U	1390.00		230.00	
LEAD	UG/L	2.00	UJ	2.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	19300.00		21100.00		22400.00		22700.00	
MANGANESE	UG/L	216.00		165.00		217.00		107.00	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	17.50	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	9950.00		10100.00		9670.00		9170.00	
SELENIUM	UG/L	2.00	U	2.00	U	3.00	U	3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	33800.00	J	33000.00	J	34000.00		31400.00	
THALLIUM	UG/L	1.00	U	2.00	U	1.00	U	2.00	UJ
VANADIUM	UG/L	4.50	U	4.50	U	2.00	U	10.00	U
ZINC	UG/L	5.20	U	2.30	B	4.30	B	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S31-E10A, MW-12

Parameter	Units	Round 1 B00050 Conc.	Qual.	Round 2 B00087 Conc.	Qual.	Round 3 B00831 Conc.	Qual.	Round 4 B00845 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	423.00		331.00		117.00	U	25.00	U
ANTIMONY	UG/L	21.00	UJ	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	1.10	B	2.50	B	4.10	UJ	4.30	B
BARIUM	UG/L	98.10	B	113.00	B	111.00	B	107.00	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	91800.00	J	115000.00		111000.00		107000.00	
CHROMIUM	UG/L	6.40	U	17.00		5.00	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.00	U	5.30	B	6.00	U	5.00	U
IRON	UG/L	814.00		388.00		44.30	U	40.80	B
LEAD	UG/L	3.30	U	2.00	UJ	2.00	U	3.00	U
MAGNESIUM	UG/L	19500.00		23800.00		22600.00		23500.00	
MANGANESE	UG/L	145.00	J	41.20		5.20	B	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.25		0.20	U
NICKEL	UG/L	7.00	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	7880.00		9040.00		8140.00		8720.00	
SELENIUM	UG/L	1.00	U	2.00	U	2.00	U	3.00	U
SILVER	UG/L	2.00	U	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	27300.00	J	32800.00	J	31800.00		31700.00	
THALLIUM	UG/L	1.00	U	2.00	U	3.00	U	2.00	UJ
VANADIUM	UG/L	4.80	U	7.30	U	6.90	U	10.00	U
ZINC	UG/L	4.80	U	2.00	U	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S31-E10B,MW-13

Parameter	Units	Round 1 B00107 Conc.	Qual.	Round 2 B00095 Conc.	Qual.	Round 3 B00839 Conc.	Qual.	Round 4 B00849 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	198.00	U	157.00	U	295.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	3.40	J	3.30	B	4.10	UJ	4.20	B
BARIUM	UG/L	104.00	B	104.00	B	101.00	B	93.60	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	104000.00		107000.00		102000.00		99000.00	
CHROMIUM	UG/L	13.50	U	16.30		10.70		10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	6.20	U	6.10	B	6.00	U	5.00	U
IRON	UG/L	302.00	J	79.50	U	274.00		44.60	B
LEAD	UG/L	2.00	UJ	2.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	21300.00		22800.00		21500.00		22000.00	
MANGANESE	UG/L	86.10		109.00		30.60		7.90	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	21.40	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	8820.00		8800.00		8090.00		8340.00	
SELENIUM	UG/L	2.00	UJ	2.00	U	2.00	U	3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	31500.00	J	31400.00	J	30900.00		29700.00	
THALLIUM	UG/L	1.00	UJ	2.00	U	3.00	UJ	2.00	UJ
VANADIUM	UG/L	6.90	U	8.40	U	6.90	U	10.00	U
ZINC	UG/L	2.00	U	7.20	B	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S31-E10D,MW-15

Parameter	Units	Round 1 B0004T Conc.	Qual.	Round 2 B000G0 Conc.	Qual.	Round 3 B00CN7 Conc.	Qual.	Round 4 B00B57 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	102.00	U	126.00	U	109.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	5.20	B	4.10	J	3.90	UJ	4.80	B
BARIUM	UG/L	85.80	B	79.50	B	88.40	B	74.50	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	6.20	J	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	86900.00		83900.00		92900.00		80600.00	
CHROMIUM	UG/L	9.10	U	28.50	J	5.00	U	15.90	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	2.10	B	4.30	U	6.00	U	5.00	U
IRON	UG/L	66.00	UJ	159.00	UJ	37.40	U	77.70	B
LEAD	UG/L	1.00	UJ	2.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	18300.00		17500.00	J	19500.00		18000.00	
MANGANESE	UG/L	35.90		13.60	B	2.20	B	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	16.20	U	25.90	B	20.00	U	20.00	U
POTASSIUM	UG/L	8000.00		7390.00		7580.00		7460.00	
SELENIUM	UG/L	2.20	J	2.00	UJ	2.00	U	3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	28900.00		26900.00	J	29300.00		26300.00	
THALLIUM	UG/L	1.00	U	4.00	U	3.00	UJ	2.00	U
VANADIUM	UG/L	8.80	U	5.90	B	4.80	U	12.60	B
ZINC	UG/L	15.70	U	8.20	B	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01		10.00	U	10.00	U

6-S41-E13C,MW-17

Parameter	Units	Round 1 B00038 Conc.	Qual.	Round 2 B000L1 Conc.	Qual.	Round 3 B00CS3 Conc.	Qual.	Round 4 B00DC1 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	1280.00		217.00		223.00	U	113.00	B
ANTIMONY	UG/L	21.00	UJ	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	2.10	B	2.70	B	6.30	B	2.00	J
BARIUM	UG/L	38.80	B	23.60	B	21.40	B	20.90	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	24600.00	J	23800.00		24200.00		23000.00	
CHROMIUM	UG/L	20.10		13.50		4.00	U	14.00	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	10.90	U	3.00	U	4.00	U
IRON	UG/L	1930.00		207.00		199.00		169.00	
LEAD	UG/L	2.20	U	3.80	J	2.00	U	1.50	U
MAGNESIUM	UG/L	5590.00		4340.00	B	5390.00		5350.00	
MANGANESE	UG/L	84.50	J	100.00		104.00		97.10	
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	10.00	U
POTASSIUM	UG/L	3830.00	B	3130.00	B	3510.00	UJ	3660.00	B
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	18000.00	J	20200.00	J	16300.00		15600.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	U
VANADIUM	UG/L	4.50	U	3.00	U	3.70	U	5.00	U
ZINC	UG/L	5.10	U	13.60	UJ	2.00	U	1.70	B
CYANIDE	UG/L	10.00	U	0.01		10.00	U	0.00	

6-S27-E14

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B00921 Conc.	Round 2 Qual.	Round 3 B00CX7 Conc.	Round 3 Qual.	Round 4 B00D58 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	98.10	U	85.10	UJ	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	-	NR	5.90	B	4.40	B	4.60	BJ
BARIUM	UG/L	-	NR	50.20	B	50.80	J	43.50	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	-	NR	57500.00		57000.00		51200.00	
CHROMIUM	UG/L	-	NR	5.00	U	8.40	J	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	6.00	U	5.00	U
IRON	UG/L	-	NR	52.50	U	229.00		105.00	
LEAD	UG/L	-	NR	10.70		3.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	11400.00	J	11300.00		10600.00	
MANGANESE	UG/L	-	NR	1.00	U	2.30	B	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	-	NR	5970.00		5740.00		6250.00	
SELENIUM	UG/L	-	NR	2.00	U	3.00	U	3.00	U
SILVER	UG/L	-	NR	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	-	NR	23500.00	J	23700.00		21000.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	5.60	B	6.00	B	11.10	B
ZINC	UG/L	-	NR	2.00	U	3.00	U	8.00	U
CYANIDE	UG/L	-	NR	0.01	U	10.00	U	10.00	U

6-S29-E12

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X9 Conc.	Round 2 Qual.	Round 3 B00CV7 Conc.	Round 3 Qual.	Round 4 B00054 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	131.00	U	91.60	UJ	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	-	NR	5.90	B	6.40	J	6.10	BJ
BARIUM	UG/L	-	NR	50.20	B	44.90	J	41.80	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	-	NR	50500.00		47100.00		44700.00	
CHROMIUM	UG/L	-	NR	5.00	U	6.80	J	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	3.00	B	6.00	U	5.00	U
IRON	UG/L	-	NR	3000.00		101.00		191.00	
LEAD	UG/L	-	NR	20.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	10400.00	J	9860.00		9570.00	
MANGANESE	UG/L	-	NR	92.50		2.00	U	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	-	NR	5810.00		5150.00		5870.00	
SELENIUM	UG/L	-	NR	5.70	J	3.40	U	3.00	U
SILVER	UG/L	-	NR	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	-	NR	23100.00	J	22200.00		20200.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	10.00	B	6.70	B	14.10	B
ZINC	UG/L	-	NR	27.40	U	9.60	B	8.00	U
CYANIDE	UG/L	-	NR	0.01	U	10.00	U	10.00	U

6-S30-E15A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y7 Conc.	Round 2 Qual.	Round 3 B00CT9 Conc.	Round 3 Qual.	Round 4 B00D50 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	121.00		83.10	U	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	-	NR	2.50	B	7.30	B	3.10	BJ
BARIUM	UG/L	-	NR	59.00	B	57.60	B	57.10	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	-	NR	66100.00		63600.00		67100.00	
CHROMIUM	UG/L	-	NR	5.00	U	4.00	U	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	6.00	U	5.00	U
IRON	UG/L	-	NR	204.00		273.00		106.00	
LEAD	UG/L	-	NR	2.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	12500.00	J	12200.00		13000.00	
MANGANESE	UG/L	-	NR	2.30	U	1.00	U	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	59.40		20.00	U
POTASSIUM	UG/L	-	NR	5880.00		5470.00		6450.00	
SELENIUM	UG/L	-	NR	2.00	UJ	2.00	U	3.00	U
SILVER	UG/L	-	NR	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	-	NR	13100.00	J	11900.00		11500.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	6.00	B	3.00	U	10.00	U
ZINC	UG/L	-	NR	91.20		37.50		39.70	U
CYANIDE	UG/L	-	NR	0.01	U	10.00	U	10.00	U

6-S31-E13

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y3 Conc.	Round 2 Qual.	Round 3 B00CW1 Conc.	Round 3 Qual.	Round 4 B00046 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	90.20	U	198.00	U	36.00	B
ANTIMONY	UG/L	-	NR	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	-	NR	3.00	B	7.70	B	4.60	BJ
BARIUM	UG/L	-	NR	80.30	B	92.10	B	77.90	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	-	NR	83100.00		74600.00		74900.00	
CHROMIUM	UG/L	-	NR	5.00	U	5.60	B	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	3.00	U	5.00	U
IRON	UG/L	-	NR	1190.00		13300.00		11900.00	
LEAD	UG/L	-	NR	20.00	U	3.70		3.00	UJ
MAGNESIUM	UG/L	-	NR	16800.00	J	15400.00		15700.00	
MANGANESE	UG/L	-	NR	14.80	B	165.00		107.00	
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	18.50	B	21.00	U	20.00	U
POTASSIUM	UG/L	-	NR	6690.00		5720.00		6880.00	
SELENIUM	UG/L	-	NR	2.00	UJ	2.00	U	3.00	U
SILVER	UG/L	-	NR	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	-	NR	17200.00	J	13600.00		13600.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	8.60	B	24.00	U	16.90	B
ZINC	UG/L	-	NR	11.30	U	68.80		43.40	U
CYANIDE	UG/L	-	NR	0.01	U	10.00	U	10.00	U

6-S32-E13A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X5 Conc.	Round 2 Qual.	Round 3 B00CX3 Conc.	Round 3 Qual.	Round 4 B00042 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	132.00	U	66.90	U	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	-	NR	3.20	J	4.00	B	3.20	BJ
BARIUM	UG/L	-	NR	72.80	B	77.80	B	80.00	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	-	NR	66700.00		81000.00		83700.00	
CHROMIUM	UG/L	-	NR	5.00	U	4.00	U	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	B	3.00	U	5.00	U
IRON	UG/L	-	NR	2140.00		41.80	B	72.80	B
LEAD	UG/L	-	NR	2.00	UJ	2.00	B	3.00	UJ
MAGNESIUM	UG/L	-	NR	15500.00	J	15700.00		16900.00	
MANGANESE	UG/L	-	NR	32.50		1.70	B	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	-	NR	6010.00		6220.00		6890.00	
SELENIUM	UG/L	-	NR	2.00	U	2.00	UJ	3.00	U
SILVER	UG/L	-	NR	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	-	NR	16800.00	J	13000.00		13600.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	4.50	B	8.70	U	10.00	U
ZINC	UG/L	-	NR	69.50	U	9.60	B	10.70	U
CYANIDE	UG/L	-	NR	0.01	U	10.00	U	10.00	U

6-S37-E14

Parameter	Units	Round 1 B0053T Conc.	Qual.	Round 2 B000M6 Conc.	Qual.	Round 3 B00CW5 Conc.	Qual.	Round 4 B00D89 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	100.00	U	148.00	B	183.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	4.90	U	2.00	U	2.60	UJ	2.10	B
BARIUM	UG/L	14.00	B	20.20	B	11.60	B	15.00	U
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	25900.00		24300.00		23600.00		22800.00	
CHROMIUM	UG/L	13.40	U	7.20	B	7.80	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	4.30	B	4.30	U	6.00	U	5.00	U
IRON	UG/L	53.30	U	18.00	U	27.90	U	45.10	B
LEAD	UG/L	2.00	U	3.80	J	2.00	U	3.00	U
MAGNESIUM	UG/L	4720.00	B	4320.00	B	4510.00	B	4190.00	BJ
MANGANESE	UG/L	2.00	B	1.00	U	2.00	U	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	7.00	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	1720.00	B	1530.00	B	1430.00	B	2100.00	U
SELENIUM	UG/L	1.00	U	2.00	UJ	10.00		3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	3440.00	J	15700.00	J	5270.00	J	2790.00	B
THALLIUM	UG/L	1.00	U	4.00	U	3.00	UJ	2.00	U
VANADIUM	UG/L	4.30	U	3.00	U	2.70	U	10.00	U
ZINC	UG/L	2.00	U	5.10	UJ	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

6-S40-E14

Parameter	Units	Round 1 B0048T Conc.	Qual.	Round 2 B009W5 Conc.	Qual.	Round 3 B00CW9 Conc.	Qual.	Round 4 B00DD3 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	86.20	U	105.00	U	73.20	U	34.20	B
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	1.00	U	2.00	U	2.60	J	1.60	UJ
BARIUM	UG/L	8.70	B	13.50	B	11.90	B	9.00	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	23700.00		21400.00		21200.00		19400.00	
CHROMIUM	UG/L	2.00	U	12.50		4.00	U	18.70	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	8.70	U	3.00	U	4.00	U
IRON	UG/L	14.40	U	70.20	U	13.00	U	73.70	B
LEAD	UG/L	2.00	U	2.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	5110.00		4020.00	B	4440.00	B	4210.00	B
MANGANESE	UG/L	1.00	U	2.40	B	1.00	U	1.20	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	10.00	U
POTASSIUM	UG/L	798.00	UJ	372.00	UJ	1040.00	UJ	901.00	J
SELENIUM	UG/L	1.00	U	2.10	J	2.00	U	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	2700.00	J	2540.00	J	2550.00	J	2310.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	UJ
VANADIUM	UG/L	2.10	U	3.00	U	3.00	U	5.00	U
ZINC	UG/L	2.00	U	21.10	UJ	2.00	U	14.20	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	-	NR

6-S41-E13A

Parameter	Units	Round 1 B00046 Conc.	Qual.	Round 2 B000L7 Conc.	Qual.	Round 3 B00CS7 Conc.	Qual.	Round 4 B000B3 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	144.00	U	179.00	B	115.00	U	31.70	B
ANTIMONY	UG/L	21.00	UJ	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	3.30	B	3.00	B	7.70	B	3.90	J
BARIUM	UG/L	21.60	B	34.50	B	16.60	B	17.40	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	30100.00	J	39500.00		25600.00		25700.00	
CHROMIUM	UG/L	38.80		21.80		9.30	B	28.20	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	5.40	U	3.00	U	4.00	U
IRON	UG/L	240.00		81.00	U	34.20	B	112.00	
LEAD	UG/L	2.20	U	2.30	J	3.20		1.50	U
MAGNESIUM	UG/L	6320.00		7520.00		5420.00		5400.00	
MANGANESE	UG/L	5.00	J	8.70	B	1.00	U	2.60	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	30.70	U	16.20	B	21.00	U	17.20	B
POTASSIUM	UG/L	3720.00	B	3910.00	B	3170.00	UJ	3460.00	B
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	5710.00	J	7090.00	J	4480.00	J	4710.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	UJ
VANADIUM	UG/L	9.10	B	6.50	B	8.60	U	8.70	B
ZINC	UG/L	2.00	U	5.80	UJ	2.00	U	2.10	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	-	NR

6-S41-E13B

Parameter	Units	Round 1 B00044 Conc.	Qual.	Round 2 B000H1 Conc.	Qual.	Round 3 B00CT1 Conc.	Qual.	Round 4 B00DB7 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	113.00	U	145.00	B	90.90	U	31.10	B
ANTIMONY	UG/L	21.00	UJ	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	3.90	B	4.70	B	16.70		4.20	J
BARIUM	UG/L	50.70	B	58.90	B	51.70	B	53.30	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	53500.00	J	59800.00		56500.00		59400.00	
CHROMIUM	UG/L	7.20	U	7.70	B	4.00	U	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	10.90	U	3.00	U	4.00	U
IRON	UG/L	163.00		72.10	U	44.10	B	27.40	U
LEAD	UG/L	2.00	U	2.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	11600.00		12300.00		12600.00		12700.00	
MANGANESE	UG/L	9.90	J	20.70		7.40	B	7.80	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	10.00	U
POTASSIUM	UG/L	5440.00		5580.00		5220.00		5980.00	
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	15800.00	J	17700.00	J	14300.00		15400.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	U
VANADIUM	UG/L	8.20	B	7.00	B	8.40	U	5.60	B
ZINC	UG/L	2.30	U	40.00	UJ	2.00	U	2.00	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	0.00	

6-S43-E12

Parameter	Units	Round 1 B0055T Conc.	Qual.	Round 2 B000K6 Conc.	Qual.	Round 3 B00CR9 Conc.	Qual.	Round 4 B00D98 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	76.80	U	138.00	B	159.00	U	94.00	B
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	50.00	U
ARSENIC	UG/L	3.10	U	4.00	B	4.30	UJ	3.40	J
BARIUM	UG/L	42.50	B	60.60	B	57.60	B	51.00	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	3.00	U
CALCIUM	UG/L	64200.00		89600.00		84700.00		78800.00	
CHROMIUM	UG/L	7.70	U	13.00		16.60		14.50	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	3.30	B	8.70	U	6.00	U	4.00	U
IRON	UG/L	61.70	U	85.20	U	80.70	B	83.20	B
LEAD	UG/L	2.00	U	2.00	U	2.20	B	1.50	U
MAGNESIUM	UG/L	12800.00		17300.00		16000.00		15100.00	
MANGANESE	UG/L	2.00	B	3.10	B	2.00	U	2.00	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	10.40	U	23.90	B	20.00	U	17.20	B
POTASSIUM	UG/L	7070.00		7710.00		7750.00		8200.00	
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	U	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	6.00	U
SODIUM	UG/L	20000.00	J	23600.00	J	24600.00		22900.00	J
THALLIUM	UG/L	1.10	U	4.00	U	3.00	UJ	3.00	UJ
VANADIUM	UG/L	13.10	U	9.90	B	11.10	U	8.80	B
ZINC	UG/L	2.00	U	18.30	UJ	3.00	U	1.40	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	-	NR

6-S29-E12

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X9 Conc.	Round 2 Qual.	Round 3 B00CV7 Conc.	Round 3 Qual.	Round 4 B00D54 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	131.00	U	91.60	UJ	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	-	NR	5.90	B	6.40	J	6.10	BJ
BARIUM	UG/L	-	NR	50.20	B	44.90	J	41.80	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	-	NR	50500.00		47100.00		44700.00	
CHROMIUM	UG/L	-	NR	5.00	U	6.80	J	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	3.00	B	6.00	U	5.00	U
IRON	UG/L	-	NR	3000.00		101.00		191.00	
LEAD	UG/L	-	NR	20.00	U	3.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	10400.00	J	9860.00		9570.00	
MANGANESE	UG/L	-	NR	92.50		2.00	U	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	-	NR	5810.00		5150.00		5870.00	
SELENIUM	UG/L	-	NR	5.70	J	3.40	U	3.00	U
SILVER	UG/L	-	NR	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	-	NR	23100.00	J	22200.00		20200.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	10.00	B	6.70	B	14.10	B
ZINC	UG/L	-	NR	27.40	U	9.60	B	8.00	U
CYANIDE	UG/L	-	NR	0.01	U	10.00	U	10.00	U

6-S30-E15A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y7 Conc.	Round 2 Qual.	Round 3 B00CT9 Conc.	Round 3 Qual.	Round 4 B00D50 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	121.00		83.10	U	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	-	NR	2.50	B	7.30	B	3.10	BJ
BARIUM	UG/L	-	NR	59.00	B	57.60	B	57.10	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	-	NR	66100.00		63600.00		67100.00	
CHROMIUM	UG/L	-	NR	5.00	U	4.00	U	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	6.00	U	5.00	U
IRON	UG/L	-	NR	204.00		273.00		106.00	
LEAD	UG/L	-	NR	2.00	U	2.00	U	3.00	U
MAGNESIUM	UG/L	-	NR	12500.00	J	12200.00		13000.00	
MANGANESE	UG/L	-	NR	2.30	U	1.00	U	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	59.40		20.00	U
POTASSIUM	UG/L	-	NR	5880.00		5470.00		6450.00	
SELENIUM	UG/L	-	NR	2.00	UJ	2.00	U	3.00	U
SILVER	UG/L	-	NR	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	-	NR	13100.00	J	11900.00		11500.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	6.00	B	3.00	U	10.00	U
ZINC	UG/L	-	NR	91.20		37.50		39.70	U
CYANIDE	UG/L	-	NR	0.01	U	10.00	U	10.00	U

6-S31-E13

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009Y3 Conc.	Round 2 Qual.	Round 3 B00CW1 Conc.	Round 3 Qual.	Round 4 B00046 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	90.20	U	198.00	U	36.00	B
ANTIMONY	UG/L	-	NR	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	-	NR	3.00	B	7.70	B	4.60	BJ
BARIUM	UG/L	-	NR	80.30	B	92.10	B	77.90	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	-	NR	83100.00		74600.00		74900.00	
CHROMIUM	UG/L	-	NR	5.00	U	5.60	B	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	U	3.00	U	5.00	U
IRON	UG/L	-	NR	1190.00		13300.00		11900.00	
LEAD	UG/L	-	NR	20.00	U	3.70		3.00	UJ
MAGNESIUM	UG/L	-	NR	16800.00	J	15400.00		15700.00	
MANGANESE	UG/L	-	NR	14.80	B	165.00		107.00	
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	18.50	B	21.00	U	20.00	U
POTASSIUM	UG/L	-	NR	6690.00		5720.00		6880.00	
SELENIUM	UG/L	-	NR	2.00	UJ	2.00	U	3.00	U
SILVER	UG/L	-	NR	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	-	NR	17200.00	J	13600.00		13600.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	8.60	B	24.00	U	16.90	B
ZINC	UG/L	-	NR	11.30	U	68.80		43.40	U
CYANIDE	UG/L	-	NR	0.01	U	10.00	U	10.00	U

6-S32-E13A

Parameter	Units	Round 1 Conc.	Round 1 Qual.	Round 2 B009X5 Conc.	Round 2 Qual.	Round 3 B00CX3 Conc.	Round 3 Qual.	Round 4 B00042 Conc.	Round 4 Qual.
INORGANICS									
ALUMINUM	UG/L	-	NR	132.00	U	66.90	U	25.00	U
ANTIMONY	UG/L	-	NR	17.00	U	27.00	U	40.00	U
ARSENIC	UG/L	-	NR	3.20	J	4.00	B	3.20	BJ
BARIUM	UG/L	-	NR	72.80	B	77.80	B	80.00	B
BERYLLIUM	UG/L	-	NR	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	-	NR	3.00	U	3.00	U	5.00	U
CALCIUM	UG/L	-	NR	66700.00		81000.00		83700.00	
CHROMIUM	UG/L	-	NR	5.00	U	4.00	U	10.00	U
COBALT	UG/L	-	NR	3.00	U	2.00	U	10.00	U
COPPER	UG/L	-	NR	2.00	B	3.00	U	5.00	U
IRON	UG/L	-	NR	2140.00		41.80	B	72.80	B
LEAD	UG/L	-	NR	2.00	UJ	2.00	B	3.00	UJ
MAGNESIUM	UG/L	-	NR	15500.00	J	15700.00		16900.00	
MANGANESE	UG/L	-	NR	32.50		1.70	B	5.00	U
MERCURY	UG/L	-	NR	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	-	NR	15.00	U	21.00	U	20.00	U
POTASSIUM	UG/L	-	NR	6010.00		6220.00		6890.00	
SELENIUM	UG/L	-	NR	2.00	U	2.00	UJ	3.00	U
SILVER	UG/L	-	NR	3.00	U	4.00	U	10.00	U
SODIUM	UG/L	-	NR	16800.00	J	13000.00		13600.00	
THALLIUM	UG/L	-	NR	4.00	U	1.00	U	2.00	U
VANADIUM	UG/L	-	NR	4.50	B	8.70	U	10.00	U
ZINC	UG/L	-	NR	69.50	U	9.60	B	10.70	U
CYANIDE	UG/L	-	NR	0.01	U	10.00	U	10.00	U

6-S37-E14

Parameter	Units	Round 1 B0053T Conc.	Qual.	Round 2 B000M6 Conc.	Qual.	Round 3 B00CW5 Conc.	Qual.	Round 4 B00D89 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	100.00	U	148.00	B	183.00	U	25.00	U
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	40.00	U
ARSENIC	UG/L	4.90	U	2.00	U	2.60	UJ	2.10	B
BARIUM	UG/L	14.00	B	20.20	B	11.60	B	15.00	U
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	1.00	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	5.00	U
CALCIUM	UG/L	25900.00		24300.00		23600.00		22800.00	
CHROMIUM	UG/L	13.40	U	7.20	B	7.80	B	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	10.00	U
COPPER	UG/L	4.30	B	4.30	U	6.00	U	5.00	U
IRON	UG/L	53.30	U	18.00	U	27.90	U	45.10	B
LEAD	UG/L	2.00	U	3.80	J	2.00	U	3.00	U
MAGNESIUM	UG/L	4720.00	B	4320.00	B	4510.00	B	4190.00	BJ
MANGANESE	UG/L	2.00	B	1.00	U	2.00	U	5.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	UG/L	7.00	U	15.00	U	20.00	U	20.00	U
POTASSIUM	UG/L	1720.00	B	1530.00	B	1430.00	B	2100.00	U
SELENIUM	UG/L	1.00	U	2.00	UJ	10.00		3.00	U
SILVER	UG/L	2.00	U	3.00	U	3.00	U	10.00	U
SODIUM	UG/L	3440.00	J	15700.00	J	5270.00	J	2790.00	B
THALLIUM	UG/L	1.00	U	4.00	U	3.00	UJ	2.00	U
VANADIUM	UG/L	4.30	U	3.00	U	2.70	U	10.00	U
ZINC	UG/L	2.00	U	5.10	UJ	3.00	U	8.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	10.00	U

Parameter	Units	Round 1 B0048T Conc.	Qual.	Round 2 B009W5 Conc.	Qual.	Round 3 B00CW9 Conc.	Qual.	Round 4 B00DD3 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	86.20	U	105.00	U	73.20	U	34.20	B
ANTIMONY	UG/L	21.00	U	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	1.00	U	2.00	U	2.60	J	1.60	UJ
BARIUM	UG/L	8.70	B	13.50	B	11.90	B	9.00	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	23700.00		21400.00		21200.00		19400.00	
CHROMIUM	UG/L	2.00	U	12.50		4.00	U	18.70	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	8.70	U	3.00	U	4.00	U
IRON	UG/L	14.40	U	70.20	U	13.00	U	73.70	B
LEAD	UG/L	2.00	U	2.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	5110.00		4020.00	B	4440.00	B	4210.00	B
MANGANESE	UG/L	1.00	U	2.40	B	1.00	U	1.20	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	10.00	U
POTASSIUM	UG/L	798.00	UJ	372.00	UJ	1040.00	UJ	901.00	J
SELENIUM	UG/L	1.00	U	2.10	J	2.00	U	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	2700.00	J	2540.00	J	2550.00	J	2310.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	UJ
VANADIUM	UG/L	2.10	U	3.00	U	3.00	U	5.00	U
ZINC	UG/L	2.00	U	21.10	UJ	2.00	U	14.20	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	-	NR

6-S41-E13A

Parameter	Units	Round 1 B00046 Conc.	Qual.	Round 2 B000L7 Conc.	Qual.	Round 3 B00CS7 Conc.	Qual.	Round 4 B00DB3 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	144.00	U	179.00	B	115.00	U	31.70	B
ANTIMONY	UG/L	21.00	UJ	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	3.30	B	3.00	B	7.70	B	3.90	J
BARIUM	UG/L	21.60	B	34.50	B	16.60	B	17.40	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	30100.00	J	39500.00		25600.00		25700.00	
CHROMIUM	UG/L	38.80		21.80		9.30	B	28.20	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	5.40	U	3.00	U	4.00	U
IRON	UG/L	240.00		81.00	U	34.20	B	112.00	
LEAD	UG/L	2.20	U	2.30	J	3.20		1.50	U
MAGNESIUM	UG/L	6320.00		7520.00		5420.00		5400.00	
MANGANESE	UG/L	5.00	J	8.70	B	1.00	U	2.60	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	30.70	U	16.20	B	21.00	U	17.20	B
POTASSIUM	UG/L	3720.00	B	3910.00	B	3170.00	UJ	3460.00	B
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	5710.00	J	7090.00	J	4480.00	J	4710.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	UJ
VANADIUM	UG/L	9.10	B	6.50	B	8.60	U	8.70	B
ZINC	UG/L	2.00	U	5.80	UJ	2.00	U	2.10	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	-	NR

6-S41-E13B

Parameter	Units	Round 1 B00044 Conc.	Qual.	Round 2 B000M1 Conc.	Qual.	Round 3 B00CT1 Conc.	Qual.	Round 4 B000B7 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	113.00	U	145.00	B	90.90	U	31.10	B
ANTIMONY	UG/L	21.00	UJ	17.00	U	27.00	U	50.00	U
ARSENIC	UG/L	3.90	B	4.70	B	16.70		4.20	J
BARIUM	UG/L	50.70	B	58.90	B	51.70	B	53.30	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	3.00	U	3.00	U
CALCIUM	UG/L	53500.00	J	59800.00		56500.00		59400.00	
CHROMIUM	UG/L	7.20	U	7.70	B	4.00	U	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	2.00	U	10.90	U	3.00	U	4.00	U
IRON	UG/L	163.00		72.10	U	44.10	B	27.40	U
LEAD	UG/L	2.00	U	2.00	U	2.00	U	1.50	U
MAGNESIUM	UG/L	11600.00		12300.00		12600.00		12700.00	
MANGANESE	UG/L	9.90	J	20.70		7.40	B	7.80	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	15.00	U	21.00	U	10.00	U
POTASSIUM	UG/L	5440.00		5580.00		5220.00		5980.00	
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	UJ	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	4.00	U	6.00	U
SODIUM	UG/L	15800.00	J	17700.00	J	14300.00		15400.00	J
THALLIUM	UG/L	1.00	U	4.00	U	1.00	U	3.00	U
VANADIUM	UG/L	8.20	B	7.00	B	8.40	U	5.60	B
ZINC	UG/L	2.30	U	40.00	UJ	2.00	U	2.00	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	0.00	

6-S43-E12

Parameter	Units	Round 1 B0055T Conc.	Qual.	Round 2 B000K6 Conc.	Qual.	Round 3 B00CR9 Conc.	Qual.	Round 4 B00D98 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	76.80	U	138.00	B	159.00	U	94.00	B
ANTIMONY	UG/L	21.00	U	17.00	U	20.00	U	50.00	U
ARSENIC	UG/L	3.10	U	4.00	B	4.30	UJ	3.40	J
BARIUM	UG/L	42.50	B	60.60	B	57.60	B	51.00	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	3.00	U
CALCIUM	UG/L	64200.00		89600.00		84700.00		78800.00	
CHROMIUM	UG/L	7.70	U	13.00		16.60		14.50	
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	3.30	B	8.70	U	6.00	U	4.00	U
IRON	UG/L	61.70	U	85.20	U	80.70	B	83.20	B
LEAD	UG/L	2.00	U	2.00	U	2.20	B	1.50	U
MAGNESIUM	UG/L	12800.00		17300.00		16000.00		15100.00	
MANGANESE	UG/L	2.00	B	3.10	B	2.00	U	2.00	B
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	10.40	U	23.90	B	20.00	U	17.20	B
POTASSIUM	UG/L	7070.00		7710.00		7750.00		8200.00	
SELENIUM	UG/L	1.00	U	2.00	UJ	2.00	U	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	6.00	U
SODIUM	UG/L	20000.00	J	23600.00	J	24600.00		22900.00	J
THALLIUM	UG/L	1.10	U	4.00	U	3.00	UJ	3.00	UJ
VANADIUM	UG/L	13.10	U	9.90	B	11.10	U	8.80	B
ZINC	UG/L	2.00	U	18.30	UJ	3.00	U	1.40	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	-	NR

RWF-WEST

Parameter	Units	Round 1 B0059T Conc.	Qual.	Round 2 B00B12 Conc.	Qual.	Round 3 B00D10 Conc.	Qual.	Round 4 B00DF1 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	90.60	U	134.00	U	97.50	UJ	90.90	B
ANTIMONY	UG/L	21.00	U	235.00		20.00	U	50.00	U
ARSENIC	UG/L	2.40	U	2.00	U	2.00	U	1.60	UJ
BARIUM	UG/L	11.10	B	15.10	B	10.50	J	9.30	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	5.00	U	3.00	U
CALCIUM	UG/L	22700.00		22100.00		20800.00		18300.00	
CHROMIUM	UG/L	4.20	U	8.80	B	5.00	UJ	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	4.30	B	35.80		58.20		5.00	B
IRON	UG/L	24.50	U	58.20	U	49.00	U	23.80	U
LEAD	UG/L	4.00	U	2.80	J	3.00	U	1.50	U
MAGNESIUM	UG/L	4770.00	B	4180.00	B	4270.00	B	4100.00	B
MANGANESE	UG/L	1.00	U	1.70	B	2.00	U	1.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	16.20	B	20.00	U	10.00	U
POTASSIUM	UG/L	841.00	UJ	630.00	B	716.00	B	976.00	J
SELENIUM	UG/L	1.00	U	2.00	UJ	3.00	U	1.70	UJ
SILVER	UG/L	2.00	U	3.30	B	3.00	U	6.00	U
SODIUM	UG/L	2700.00	J	2820.00	J	2870.00	J	3190.00	J
THALLIUM	UG/L	1.00	UJ	4.00	U	1.00	U	3.00	UJ
VANADIUM	UG/L	2.80	U	3.00	U	2.00	U	5.00	U
ZINC	UG/L	19.00	B	50.90	J	6.10	B	13.50	B
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	-	NR

RWF-EAST

Parameter	Units	Round 1 B0061T Conc.	Qual.	Round 2 B00B08 Conc.	Qual.	Round 3 B00D06 Conc.	Qual.	Round 4 B00DD7 Conc.	Qual.
INORGANICS									
ALUMINUM	UG/L	83.70	U	134.00	U	108.00	UJ	36.00	U
ANTIMONY	UG/L	21.00	U	26.30	B	20.00	U	50.00	U
ARSENIC	UG/L	2.70	U	2.00	U	2.00	U	1.60	UJ
BARIUM	UG/L	11.60	B	11.80	B	13.20	J	9.70	B
BERYLLIUM	UG/L	1.00	U	1.00	U	1.00	U	0.30	U
CADMIUM	UG/L	2.00	U	3.00	U	6.60		3.00	U
CALCIUM	UG/L	26000.00		23500.00		23000.00		20600.00	
CHROMIUM	UG/L	4.20	U	5.00	U	5.80	J	10.00	U
COBALT	UG/L	3.00	U	3.00	U	2.00	U	5.00	U
COPPER	UG/L	7.50	B	35.80		23.30	B	92.50	
IRON	UG/L	13.50	U	86.40	U	49.00	U	19.60	U
LEAD	UG/L	2.40	U	2.60	J	3.00	U	1.50	U
MAGNESIUM	UG/L	5200.00		4210.00	B	4470.00	B	4060.00	B
MANGANESE	UG/L	1.00	U	3.20	B	2.00	U	1.00	U
MERCURY	UG/L	0.20	U	0.20	U	0.20	U	0.10	UJ
NICKEL	UG/L	7.00	U	15.00	U	20.00	U	10.00	U
POTASSIUM	UG/L	1200.00	UJ	1010.00	B	1330.00	B	1260.00	J
SELENIUM	UG/L	1.60	U	2.00	UJ	3.00	U	1.70	UJ
SILVER	UG/L	2.00	U	3.00	U	3.00	U	6.00	U
SODIUM	UG/L	2900.00	J	2560.00	J	2930.00	J	2710.00	B
THALLIUM	UG/L	1.00	U	4.00	U	1.00	UJ	3.00	U
VANADIUM	UG/L	3.60	U	3.00	U	2.00	U	5.00	U
ZINC	UG/L	2.00	U	46.60	J	6.90	B	15.00	U
CYANIDE	UG/L	10.00	U	0.01	U	10.00	U	-	NR