Alliant Ammunition and Powder Company, L.L.C.

ANNUAL GROUNDWATER MONITORING REPORT

HAZARDOUS WASTE MANAGEMENT UNIT 5
CALENDAR YEAR 2001

Radford Army Ammunition Plant,
Radford, Virginia

March 1, 2002

Draper Aden Associates
2206 South Main Street
Blacksburg, Virginia 24060
DAA Job No. 7774.22

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HAZARDOUS WASTE MANAGEMENT UNIT 5
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RADFORD ARMY AMMUNITION PLANT
RADFORD, VIRGINIA

Submitted to:

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Prepared for:

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INTRODUCTION

This document presents the Annual Groundwater Monitoring Report for Hazardous Waste Management Unit 5 (HWMU-5) for calendar year 2001, and has been compiled in accordance with 9 VAC 20-60-265 and 40 CFR 265.90-94 (Subpart F). The Annual Groundwater Monitoring Report presents the following set of information for HWMU-5: basic information and unit identification, a description of the groundwater monitoring plan, a discussion of groundwater movement, an updated potentiometric map, a table of groundwater elevations, and detailed statistical evaluations of the analytical data. The report evaluates the analytical data from the four quarterly sampling events for the year 2001. The laboratory analytical results for the year 2001 are included in **Appendix A**.

A Post-Closure Care Permit for HWMU-5 was issued on October 28, 2001. However, all of the year 2001 groundwater monitoring for HWMU-5 was completed prior to the issuance of the Post-Closure Care Permit. Therefore, this Annual Groundwater Monitoring Report for HWMU-5 was completed in accordance with the requirements for an interim status unit (9 VAC 20-60-265 and 40 CFR 265.90-94 [Subpart F]). The Annual Groundwater Monitoring Report for calendar year 2002 will be compiled in accordance with the requirements of the Post-Closure Permit.

As stated in the Post-Closure Permit, the Compliance Period during which the Ground Water Protection Standard will apply to HWMU-5 is 19 years, beginning on the effective date of the Post-Closure Permit (October 28, 2001). The Compliance Period shall continue until October 28, 2020.

HWMU-5 ANNUAL GROUNDWATER MONITORING REPORT

CALENDAR YEAR: 2001
REPORT DATE: March 1, 2002

Prepared for the Virginia Department of Environmental Quality - Waste Division (VDEQ-WD) in accordance with 9 VAC 20-60-265 and 40 CFR 265.90-94 (Subpart F).

A. WASTE MANAGEMENT UNIT INFORMATION

UNIT NAME: Hazardous Waste Management Unit 5 (HWMU-5)
OWNER/OPERATOR: United States Army / Alliant Ammunition and Powder Company, LLC

UNIT LOCATION: Radford AAP Main Plant Area, Radford, Virginia

CLASS: Hazardous Waste Management Unit
TYPE: Former Neutralization Pond

B. GROUNDWATER MONITORING PLAN

MONITORING NETWORK

UPGRADIENT WELL: 5W8B
DOWNGRADIENT WELLS: 5W5B, 5W7B, 5WC21, 5WC22, 5WC23, S5W5, S5W7, 5W9A, 5W10A, 5W11A
OBSERVATION WELL: S5W6
(static water level measurements only)

MONITORING STATUS: Groundwater Quality Assessment Program

DATA COLLECTION STATUS:	Quarterly Event	February 26-27, 2001
	Quarterly Event	May 14-17, 2001
	Quarterly Event	July 20 and 23, 2001
	Quarterly Event	October 25, 26 and 29, 2001

C. GROUNDWATER MOVEMENT

The monitoring wells at HWMU-5 are screened entirely within either weathered carbonate bedrock residuum or alluvium, or across the weathered residuum/carbonate bedrock interface. The static water level measurements gathered during the 2001 quarterly monitoring events are summarized in **Table 1**. Groundwater fluctuations ranged from 1.4 to 5.5 feet annually. As shown on the HWMU-5 Potentiometric Surface Map for Fourth Quarter 2001, groundwater movement beneath the site is generally to the northeast.

For the purposes of this report, Darcian flow conditions were assumed for the alluvium, residuum, and karst carbonate bedrock beneath HWMU-5. As a result, the groundwater velocities were calculated by multiplying the hydraulic conductivity (determined from previously conducted slug tests) by the average hydraulic gradient across the site, and dividing by an assumed effective porosity for the aquifer materials. The average hydraulic gradient was determined by superimposing three evenly spaced flow line vectors over the Potentiometric Surface Map, measuring their lengths, calculating the head differential over the distances measured, and dividing the head differential by the length of the flow line vectors. The three calculated gradients were then averaged to a single value. Using this method, the average groundwater hydraulic gradient across the site based on Fourth Quarter 2001 groundwater elevations was calculated to be 0.028 ft/ft. Historical slug test data for the site yielded an average hydraulic conductivity of 5.25×10^{-5} ft/second. This value is consistent with literature values for karst carbonate rock and for clayey, silty sand and gravel alluvium and residuum (Domenico and Schwartz, 1990).

The estimated groundwater velocity across the site was calculated to be approximately 0.32 ft/day or 116 ft/year, based on the following:

- an average hydraulic conductivity of 5.25×10^{-5} ft/second;
- an average hydraulic gradient of 0.028 ft/ft; and
- an assumed effective porosity of 0.40, based on a representative range of porosities for karst carbonate rock, weathered residuum, and clayey, silty sand and gravel alluvium (Domenico and Schwartz, 1990).

The actual groundwater flow velocities in the carbonate bedrock may vary as much as one to two orders of magnitude from the velocity presented above, depending on water level conditions and the distribution of karst conduits.

D. STATISTICAL EVALUATIONS

D.1 HWMU-5 GROUNDWATER BACKGROUND CONCENTRATIONS

Background concentrations were calculated for each constituent in the groundwater monitoring program using the 1996-2001 quarterly analytical data from upgradient well 5W8B. The background concentration calculations were based on site wide 95% confidence, 95% coverage upper prediction intervals. When adjusted for multiple comparisons of the background data, the minimum required false positive rate was well below 1%. A 99% confidence level (0.01 false positive rate) was used for all individual comparisons. These coverage limits were only achieved for constituent data on which parametric prediction intervals were performed. In cases where non-parametric prediction intervals were computed to determine the background levels, the confidence level and error rate were calculated based on the number of background data points available and number of future comparisons. Because the upper control limit of a non-parametric interval cannot be adjusted for multiple comparisons and an inadequate number of background data, the number of resampling events required was adjusted to account for the high error rates inherent in those situations. No confidence levels were defined in cases where the background data were 100% non-detected; the detection limits of such constituents were used to define their respective background levels.

D.2 HWMU-5 STATISTICAL ANALYSIS

Statistical evaluations were performed for HWMU-5 as specified in VHWMR 9 VAC 20-60-570. The statistical evaluations were performed in accordance with the procedures and guidance provided in the following documents:

- Virginia Hazardous Waste Management Regulations, 9 VAC 20-60-790 H and I;
- VDEQ Guidance for statistical analysis titled "Data Analysis Plan," undated;
- Interim Final Guidance for Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, USEPA, April 1989;
- Addendum to Interim Final Guidance for Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, USEPA, July 1992; and
- Statistical Methods for Groundwater Monitoring, Gibbons, R.D., 1994.

Statistical threshold values were computed for the 40 constituents for which HWMU-5 is currently monitored based on the concentrations of those constituents in upgradient (background) well 5W8B. The 1996-2001 quarterly monitoring data for well 5W8B were used for this purpose. Comparison statistical analyses were performed for all constituents which were detected in any downgradient well during Fourth Quarter 2001.

D.2.1 Background Data and Statistical Comparisons

Statistical analyses were performed using the 1996-2001 quarterly analytical results from upgradient well 5W8B as background data. Based on the percentage of non-detects and the distribution of the background data, methods of statistical comparisons varied. Background average, standard deviation and other descriptive statistical data were computed for all constituents and are presented in **Appendix B**.

The constituents listed below were 100% non-detected in the background data. The background threshold levels (BTLs) for these constituents were established as equal to their detection limits (DLs). Detections of these constituents in the downgradient wells during Fourth Quarter 2001 were compared to these BTLs.

Background Threshold Level (BTL) = Detection Limit (DL)				
Parameter	**Sample Size**	**% Non-Detects**	**DL (μg/l)**	**BTL (μg/l)**
Antimony	24	100	3	3
2,6-Dinitrotoluene	24	100	0.08	0.08
Benzene	24	100	0.1	0.1
Bis(2-ethylhexyl)phthalate	24	100	10	10

Background Threshold Level (BTL) = Detection Limit (DL)				
Parameter	**Sample Size**	**% Non-Detects**	**DL (µg/l)**	**BTL (µg/l)**
Chloromethane	24	100	0.3	0.3
Di-n-butylphthalate	20	100	5	5
1,2-Dichloroethane	24	100	0.1	0.1
trans-1,2-Dichloroethene	24	100	0.1	0.1
Dichloromethane	24	100	0.7	0.7
Diethylphthalate	24	100	5	5
Diphenylamine	24	100	10	10
Tetrachloroethene	24	100	0.1	0.1
Toluene	24	100	0.1	0.1
1,1,2-Trichloroethane	24	100	0.5	0.5
Trichlorofluoromethane	24	100	0.5	0.5
Vinyl chloride	24	100	0.1	0.1
Xylene	24	100	0.1	0.1

Non-parametric prediction intervals were computed for all of the constituents for which the data from background well 5W8B satisfied one of the following two criteria, per VDEQ regulations and guidance as well as USEPA guidance:

- Percentage of non-detects was greater than or equal to 50 and less than 100; or
- Percentage of non-detects was less than 50, but data was not normally distributed.

Non-parametric upper prediction limits (UPL) were computed for 22 constituents which met one of the above two criteria. The background threshold levels for these constituents were set as equal to their UPLs, with one exception. For pH, a two-sided nonparametric prediction interval was computed; therefore, the BTL for pH consisted of a range between the lower prediction limit (LPL) and the upper prediction limit. The confidence level and false positive rate were calculated based on the number of background data points available and number of future comparisons. For all constituents except specific conductivity and pH, the confidence level was determined to be equal to 0.970, and the false positive rate was equal to 0.030. For specific conductivity and pH, the confidence level was determined to be equal to 0.957, and the false positive rate was equal to 0.043. Since the upper control limit of a non-parametric interval cannot be adjusted for multiple comparisons and inadequate number of background data, the number of resampling events required was adjusted to account for the high error rates inherent in those situations. The number of confirmation resamples required for all constituents is 1. The background and relevant statistical data for these constituents are summarized below. Associated statistical computations are presented in **Appendix B**.

BTL = Upper Prediction Limit of Non-parametric Prediction Interval w/false positive rate=0.030 (false positive rate=0.043 for specific conductivity and pH) BTL for pH = LPL – UPL of two-sided Prediction Interval				
Parameter	**Sample Size**	**% Non-Detects**	**DL (μg/l)**	**BTL (μg/l)**
Arsenic	24	92	1	5
Beryllium	24	67	0.2	0.7
Cadmium	24	58	0.1	0.4
Cobalt	24	46	1	7
Copper	24	63	1	18
Lead	24	79	1	10
Mercury	24	92	0.2	0.9
Nickel	24	83	15	106
Selenium	24	96	1	8
Silver	24	92	0.2	2.3
Thallium	24	92	1	2
Vanadium	24	79	4	17
Zinc	24	54	5	75
2,4-Dinitrotoluene	24	96	0.08	0.18
Acetone	24	96	10	89
Chloroform	24	88	0.3	0.5
Methylethyl ketone	24	96	1.1	21.3
Trichloroethene	24	92	0.1	0.8
TOC	24	79	1,000	253,000
TOX	24	67	5	13.4
Specific Conductivity	19	0	1 μS/cm	580 μS/cm
pH	19	0	0.1 pH units	4.1 to 6.4 pH units

The constituent barium exhibited normally distributed background data with less than 25% non-detects. A one sided parametric prediction interval was computed on the background data for barium. The UPL for barium was set as its BTL. The background concentration calculation was based on a site wide 95% confidence, 95% coverage upper prediction interval. When adjusted for multiple comparisons of the background data, the minimum required false positive rate was well below 1% (0.01). A 99% confidence level (0.01 false positive rate) was used for all individual comparisons, which with the most conservative assumptions provided a site-wide false positive rate of 0.05. The background and relevant statistical data for barium are summarized below. The prediction interval computations for barium are presented in **Appendix B**.

BTL = UPL of one-sided Prediction Interval w/site-wide false positive rate<0.05 (individual comparisons false positive rate=0.01)				
Parameter	**Sample Size**	**% Non-Detects**	**DL (μg/l)**	**BTL (μg/l)**
Barium	24	0	2	136.83

D.2.2 Results of Statistical Comparisons

The following table lists the constituents which were detected during the Fourth Quarter 2001 event at concentrations exceeding their respective background threshold levels (BTLs), and the downgradient wells in which they were detected. The table also compares the detected concentrations with the regulatory concentration limits for those constituents.

Parameter (BTL)	Monitoring Well	Concentration (μg/l)	Regulatory Limit (μg/l)
Beryllium (0.7 μg/l)	5W7B	2.12	4[a]
Beryllium (0.7 μg/l)	5WC21	3.80	4[a]
Cobalt (7 μg/l)	5W7B	48	939[b]
Cobalt (7 μg/l)	5WC21	108	939[b]
Cobalt (7 μg/l)	5WC22	7.12	939[b]
Copper (18 μg/l)	5W7B	22.4	626[b]
Zinc (75 μg/l)	5W7B	90.2	4,695[b]
Bis(2-ethylhexyl)phthalate (10 μg/l)	5W11A	271	10[c]
Chloroform (0.8 μg/l)	5W5B	3.0	80[a]
Trichloroethene (0.8 μg/l)	5W5B	9.91	5[a]
Trichloroethene (0.8 μg/l)	5WC21	19.2	5[a]
Trichloroethene (0.8 μg/l)	5WC22	7.78	5[a]
Trichloroethene (0.8 μg/l)	5WC23	7.83	5[a]
Spec. Cond. (580 μS/cm)	5W11A	694	na
Spec. Cond. (580 μS/cm)	5W7B	807	na
Spec. Cond. (580 μS/cm)	5W9A	609	na
Spec. Cond. (580 μS/cm)	5WC21	1,127	na
Spec. Cond. (580 μS/cm)	5WC22	1,175	na
Spec. Cond. (580 μS/cm)	5WC23	1,209	na
pH (4.1 to 6.4 pH units)	5W10A	7.46	na
pH (4.1 to 6.4 pH units)	5W7B	3.24	na
pH (4.1 to 6.4 pH units)	5W9A	7.08	na
pH (4.1 to 6.4 pH units)	5WC21	3.29	na

Parameter (BTL)	Monitoring Well	Concentration (μg/l)	Regulatory Limit (μg/l)
pH (4.1 to 6.4 pH units)	5WC23	6.49	na
pH (4.1 to 6.4 pH units)	S5W7	6.79	na

Notes:

[a] Maximum Contaminant Level (MCL), USEPA Drinking Water Regulations and Health Advisories, October 1996.
[b] VDEQ Alternate Concentration Limit (ACL), August 24, 2001.
[c] Practical Quantitation Limit (PQL).
na – not applicable.

Statistically significant increases in beryllium, cobalt, copper, and zinc concentrations in downgradient wells relative to background may be the result of natural variations in trace element distribution in groundwater. Furthermore, as shown on the table above, the detected inorganic constituent concentrations which exceeded their respective site-specific BTLs were all well below their respective regulatory concentration limits. The chloroform concentration detected in well 5W5B which exceeded its BTL also was well below its regulatory concentration limit.

The bis(2-ethylhexyl)phthalate concentration detected in well 5W11A during Fourth Quarter 2001 exceeded the regulatory concentration limit (PQL) of 10 μg/l. Bis(2-ethylhexyl)phthalate has never been detected in well 5W11A prior to Fourth Quarter 2001; therefore, the detected concentration is believed to be due to laboratory error. The results of the First Quarter 2002 monitoring event will be used to confirm or refute the concentration detected during the Fourth Quarter 2001 monitoring event.

The trichloroethene concentrations detected in wells 5W5B, 5WC21, 5WC22, and 5WC23 during Fourth Quarter 2001 exceeded the regulatory concentration limit (USEPA MCL) of 5 μg/l. Trichloroethene concentrations were detected in wells 5W5B, 5WC21, 5WC22, and 5WC23 during each monitoring event in 2001 (**Appendix A**).

Field measurements of specific conductivity and pH in several wells exceeded their respective BTLs. However, field measurements of specific conductivity and pH are subject to wide variations, and are influenced by changes in ambient groundwater geochemistry. Therefore, statistical results for specific conductivity and pH are inconclusive and do not warrant further action.

Any HWMU-5 target constituents not listed above were not detected in the downgradient monitoring wells at concentrations exceeding their respective BTLs.

SIGNATURE/CERTIFICATION

Prepared by:

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Virginia Professional Certification:

I certify that I have prepared or supervised preparation of the attached report, that it has been prepared in accordance with industry standards and practices, and that the information contained herein is truthful and accurate to the best of my knowledge.

Name: Andrew E. Kassoff, Senior Hydrogeologist

Signature: And E Kassoff

Virginia Professional Certification Type and Number: PG 873

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TABLE

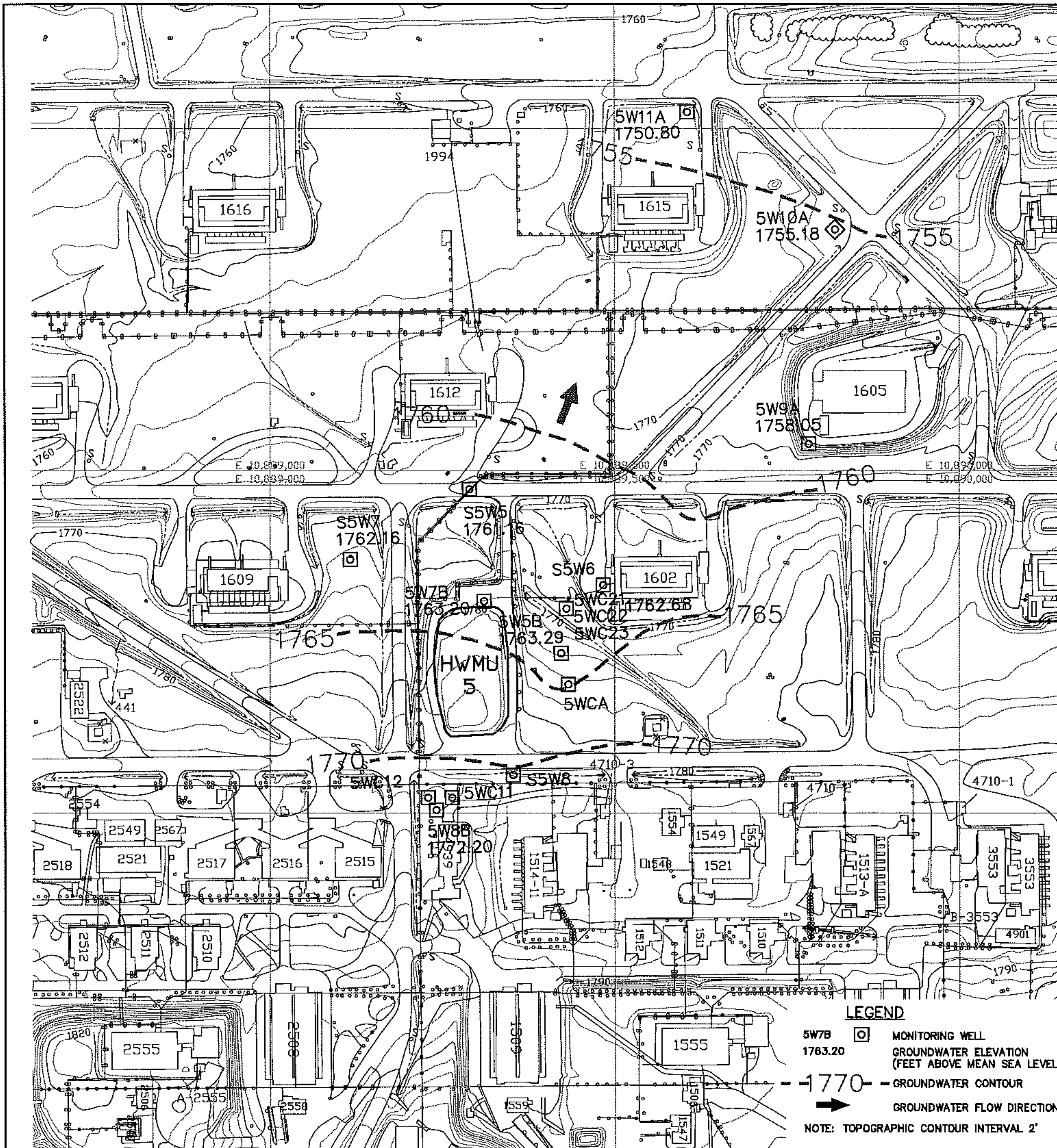
TABLE 1
HWMU-5
GROUNDWATER ELEVATIONS - 2001
RADFORD ARMY AMMUNITION PLANT
RADFORD, VIRGINIA

MONITORING WELL ID	ELEVATION TOP OF WELL	FIRST QUARTER 2001		SECOND QUARTER 2001		THIRD QUARTER 2001		FOURTH QUARTER 2001	
		DTW	GW ELEV	DTW	GW ELEV	DTW	GW ELEV	DTW	GW ELEV
5W8B	1789.55	16.53	1773.02	17.70	1771.85	16.98	1772.57	17.35	1772.20
5W5B	1775.08	11.00	1764.08	7.67	1767.41	10.75	1764.33	11.79	1763.29
5W7B	1774.90	10.90	1764.00	9.78	1765.12	10.73	1764.17	11.70	1763.20
5WC2-1	1774.43	10.98	1763.45	9.58	1764.85	10.90	1763.53	11.75	1762.68
5WC2-2	1774.45	11.00	1763.45	9.40	1765.05	10.78	1763.67	11.72	1762.73
5WC2-3	1773.84	10.45	1763.39	8.75	1765.09	10.27	1763.57	11.15	1762.69
S5W5	1771.74	9.35	1762.39	9.25	1762.49	9.58	1762.16	10.58	1761.16
S5W6	1771.43	NM	NM	NM	NM	NM	NM	NM	NM
S5W7	1775.06	12.28	1762.78	12.05	1763.01	12.28	1762.78	12.90	1762.16
5W9A	1761.82	3.50	1758.32	3.01	1758.81	3.20	1758.62	3.77	1758.05
5W10A	1770.79	15.95	1754.84	15.71	1755.08	15.25	1755.54	15.61	1755.18
5W11A	1765.90	13.20	1752.70	14.21	1751.69	13.95	1751.95	15.10	1750.80

NOTES:
DTW - Depth to water from ground surface.
GW ELEV - Groundwater elevation.
All elevations in feet above mean sea level.
NM - Not measured.

FIGURE

HWMU-5 POTENTIOMETRIC SURFACE MAP
FOURTH QUARTER 2001



HWMU-5 POTENTIOMETRIC SURFACE MAP (FOURTH QUARTER 2001) RADFORD ARMY AMMUNITION PLANT RADFORD, VIRGINIA	PLAN NO. 7774-22 SCALE: 1"=200'

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DESIGNED DRAWN DRW CHECKED DATE 02/13/02	FIGURE

7774-22_HWMU-5.dwg

APPENDIX A

YEAR 2001 LABORATORY ANALYTICAL RESULTS

YEAR 2001 DETECTED GROUNDWATER ANALYTICAL RESULTS HAZARDOUS WASTE MANAGEMENT UNIT 5 RADFORD ARMY AMMUNITION PLANT, RADFORD VIRGINIA																
Concentrations in ug/L																
Well	Sample Date	Barium	Beryllium	Cobalt	Copper	Lead	Nickel	Zinc	Acetone	Bis(2-ethylhexyl)phthalate	Chloroform	Trichloroethene	Total Organic Carbon	Total Organic Carbon Rep2	Total Organic Carbon Rep3	Total Organic Carbon Rep4
5W8B (Upgradient)	2/27/01	90.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/17/01	112	-	-	-	-	-	-	-	-	-	-	1400	1300	1400	1400
	7/23/01	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/01	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5S5W5	2/27/01	31	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-
	5/17/01	29	-	5.17	-	1.1	-	22.7	-	-	-	-	2600	2300	2300	2300
	7/23/01	45.7	-	-	-	3.6	-	21.5	-	-	-	-	-	-	-	-
	10/29/01	41.3	-	-	-	1.13	-	-	-	-	-	-	1000	1000	1000	-
5S5W7	2/27/01	94.5	-	-	-	2.39	-	-	-	-	-	-	-	-	-	-
	5/17/01	85.9	-	-	-	-	-	12	-	-	-	-	1800	1600	1700	1700
	7/23/01	86.3	-	-	-	1.42	-	-	-	-	-	-	-	-	-	-
	10/29/01	77.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5W10A	2/27/01	43.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/17/01	44.3	-	-	-	-	-	-	-	-	-	-	1300	1200	1100	1100
	7/23/01	48.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/01	49.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5W11A	2/27/01	106	-	6.4	-	2.94	-	-	-	-	-	-	-	-	-	-
	5/17/01	96.6	-	8.93	-	1.8	-	-	-	-	-	-	1600	1400	1300	1300
	7/23/01	99.8	-	13.2	-	1.9	-	-	-	-	-	-	-	-	-	-
	10/29/01	106	-	6.48	-	1.13	-	-	-	271	-	-	1200	1300	1200	1100
5W5B	2/27/01	99.9	-	-	-	-	-	-	-	-	-	18.8	-	-	-	-
	5/17/01	13.7	-	-	-	-	-	18.7	-	-	8.49	1.67	-	-	-	-
	7/23/01	52.3	-	-	-	-	-	12.1	-	-	5.97	6.06	-	-	-	-
	10/29/01	68.9	-	-	-	-	-	-	-	-	3	9.91	-	1000	-	-
5W7B	2/27/01	17.6	1.69	43.6	15.6	2.98	47.2	80	-	-	-	-	1000	1000	1000	1000
	5/17/01	16.3	2.69	50.3	16.4	3.7	68.6	120	-	-	-	-	1000	-	1000	1000
	7/23/01	15.8	1.79	40	13.7	2.29	38	75.4	-	-	-	-	-	-	-	-
	10/29/01	35.1	2.12	48	22.4	4.08	50.5	90.2	-	-	-	-	-	-	-	-
5W9A	2/27/01	40.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/17/01	45.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/23/01	48.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/29/01	48.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5WC2-1	2/27/01	13.3	3.68	96.2	11.7	-	77.3	74	-	-	-	7.32	1100	1100	1000	1100
	5/17/01	18.5	3.27	87.3	8.37	-	61.3	82.5	-	-	-	12.1	2300	2000	2200	2200
	7/23/01	16.1	4.23	142	10.8	-	63.4	81.7	-	-	-	20.4	-	-	-	-
	10/29/01	15.5	3.8	108	11	-	68	59.8	-	-	-	19.2	-	-	1000	-
5WC2-2	2/27/01	22.6	-	6.07	-	1.75	-	-	-	-	-	5.81	-	-	-	-
	5/17/01	24	-	5.6	-	-	-	-	-	-	1.74	9.33	1500	1300	1500	1400
	7/23/01	27.1	-	6.82	-	-	-	-	-	-	-	13.2	-	-	-	-
	10/29/01	25.6	-	7.12	-	-	11.6	-	-	-	-	7.78	-	1200	-	-
5WC2-3	2/27/01	24.8	-	-	-	-	-	-	-	-	-	4.98	-	-	-	-
	5/17/01	63.7	-	-	9.52	24.3	-	27.6	-	-	1.78	9.11	2500	2400	2400	2500
	7/23/01	28.4	-	6.02	-	1.57	-	-	-	-	-	11.8	-	-	-	-
	10/29/01	27.2	-	6.04	-	-	11.2	-	-	-	-	7.83	-	-	-	-
5Trip Blank	7/23/01	-	-	-	-	-	-	-	15.4	-	-	-	-	-	-	-
	10/29/01	-	-	-	-	-	-	-	13.6	-	-	-	-	-	-	-

Notes:
- : Not detected

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	5W10A	2/27/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	5W10A	2/27/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	5W10A	2/27/2001	Barium	µg/L	43.3	10	SW6020	
HWMU 5	5W10A	2/27/2001	Beryllium	µg/L	ND	1	SW6020	
HWMU 5	5W10A	2/27/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	5W10A	2/27/2001	Cobalt	µg/L	ND	5	SW6020	
HWMU 5	5W10A	2/27/2001	Copper	µg/L	ND	5	SW6020	
HWMU 5	5W10A	2/27/2001	Lead	µg/L	ND	1	SW6020	
HWMU 5	5W10A	2/27/2001	Nickel	µg/L	ND	10	SW6020	
HWMU 5	5W10A	2/27/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	5W10A	2/27/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	5W10A	2/27/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	5W10A	2/27/2001	Zinc	µg/L	ND	10	SW6020	
HWMU 5	5W10A	2/27/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	5W10A	2/27/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	5W10A	2/27/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	5W10A	2/27/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	5W10A	2/27/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Ethylene oxide	µg/L	ND	10	SW8260B	
HWMU 5	5W10A	2/27/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	5W10A	2/27/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Pentachloroethane	µg/L	ND	10	SW8260B	
HWMU 5	5W10A	2/27/2001	tert-Butyl alcohol	µg/L	ND	500	SW8260B	
HWMU 5	5W10A	2/27/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W10A	2/27/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W10A	2/27/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W10A	2/27/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	5W10A	2/27/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W10A	2/27/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W10A	2/27/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	5W10A	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W10A	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W10A Rep 2	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W10A Rep 2	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W10A Rep 3	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W10A Rep 3	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W10A Rep 4	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W10A Rep 4	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	5W11A	2/27/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	5W11A	2/27/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	5W11A	2/27/2001	Barium	µg/L	106	10	SW6020	
HWMU 5	5W11A	2/27/2001	Beryllium	µg/L	ND	1	SW6020	
HWMU 5	5W11A	2/27/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	5W11A	2/27/2001	Cobalt	µg/L	6.4	5	SW6020	
HWMU 5	5W11A	2/27/2001	Copper	µg/L	ND	5	SW6020	
HWMU 5	5W11A	2/27/2001	Lead	µg/L	2.94	1	SW6020	
HWMU 5	5W11A	2/27/2001	Nickel	µg/L	ND	10	SW6020	
HWMU 5	5W11A	2/27/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	5W11A	2/27/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	5W11A	2/27/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	5W11A	2/27/2001	Zinc	µg/L	ND	10	SW6020	
HWMU 5	5W11A	2/27/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	5W11A	2/27/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	5W11A	2/27/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	5W11A	2/27/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	5W11A	2/27/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Ethylene oxide	µg/L	ND	10	SW8260B	
HWMU 5	5W11A	2/27/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	5W11A	2/27/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Pentachloroethane	µg/L	ND	10	SW8260B	
HWMU 5	5W11A	2/27/2001	tert-Butyl alcohol	µg/L	ND	500	SW8260B	
HWMU 5	5W11A	2/27/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W11A	2/27/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W11A	2/27/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W11A	2/27/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	5W11A	2/27/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W11A	2/27/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W11A	2/27/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	5W11A	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W11A	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W11A Rep 2	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W11A Rep 2	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W11A Rep 3	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W11A Rep 3	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W11A Rep 4	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W11A Rep 4	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	5W5B	2/26/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	5W5B	2/26/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	5W5B	2/26/2001	Barium	µg/L	99.9	10	SW6020	
HWMU 5	5W5B	2/26/2001	Beryllium	µg/L	ND	1	SW6020	
HWMU 5	5W5B	2/26/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	5W5B	2/26/2001	Cobalt	µg/L	ND	5	SW6020	
HWMU 5	5W5B	2/26/2001	Copper	µg/L	ND	5	SW6020	
HWMU 5	5W5B	2/26/2001	Lead	µg/L	ND	1	SW6020	
HWMU 5	5W5B	2/26/2001	Nickel	µg/L	ND	10	SW6020	
HWMU 5	5W5B	2/26/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	5W5B	2/26/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	5W5B	2/26/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	5W5B	2/26/2001	Zinc	µg/L	ND	10	SW6020	
HWMU 5	5W5B	2/26/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	5W5B	2/26/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	5W5B	2/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	5W5B	2/26/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	5W5B	2/26/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Ethylene oxide	µg/L	ND	10	SW8260B	
HWMU 5	5W5B	2/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	5W5B	2/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Pentachloroethane	µg/L	ND	10	SW8260B	
HWMU 5	5W5B	2/26/2001	tert-Butyl alcohol	µg/L	ND	500	SW8260B	
HWMU 5	5W5B	2/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Trichloroethene	µg/L	18.8	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W5B	2/26/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W5B	2/26/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W5B	2/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	5W5B	2/26/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W5B	2/26/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W5B	2/26/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	5W5B	2/26/2001	Tris(2,3-dibromopropyl) phospl	µg/L	ND	20	SW8270C	
HWMU 5	5W5B	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W5B	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W5B Rep 2	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W5B Rep 2	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W5B Rep 3	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W5B Rep 3	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W5B Rep 4	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W5B Rep 4	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	5W7B	2/26/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	5W7B	2/26/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	5W7B	2/26/2001	Barium	µg/L	17.6	10	SW6020	
HWMU 5	5W7B	2/26/2001	Beryllium	µg/L	1.69	1	SW6020	
HWMU 5	5W7B	2/26/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	5W7B	2/26/2001	Cobalt	µg/L	43.6	5	SW6020	
HWMU 5	5W7B	2/26/2001	Copper	µg/L	15.6	5	SW6020	
HWMU 5	5W7B	2/26/2001	Lead	µg/L	2.98	1	SW6020	
HWMU 5	5W7B	2/26/2001	Nickel	µg/L	47.2	10	SW6020	
HWMU 5	5W7B	2/26/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	5W7B	2/26/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	5W7B	2/26/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	5W7B	2/26/2001	Zinc	µg/L	80	10	SW6020	
HWMU 5	5W7B	2/26/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	5W7B	2/26/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	5W7B	2/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	5W7B	2/26/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	5W7B	2/26/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	5W7B	2/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W7B	2/26/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W7B	2/26/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W7B	2/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	5W7B	2/26/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W7B	2/26/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W7B	2/26/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	5W7B	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W7B	2/26/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
HWMU 5	5W7B Rep 2	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W7B Rep 2	2/26/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
HWMU 5	5W7B Rep 3	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W7B Rep 3	2/26/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
HWMU 5	5W7B Rep 4	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W7B Rep 4	2/26/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	5W8B	2/26/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	5W8B	2/26/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	5W8B	2/26/2001	Barium	µg/L	90.4	10	SW6020	
HWMU 5	5W8B	2/26/2001	Beryllium	µg/L	ND	1	SW6020	
HWMU 5	5W8B	2/26/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	5W8B	2/26/2001	Cobalt	µg/L	ND	5	SW6020	
HWMU 5	5W8B	2/26/2001	Copper	µg/L	ND	5	SW6020	
HWMU 5	5W8B	2/26/2001	Lead	µg/L	ND	1	SW6020	
HWMU 5	5W8B	2/26/2001	Nickel	µg/L	ND	10	SW6020	
HWMU 5	5W8B	2/26/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	5W8B	2/26/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	5W8B	2/26/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	5W8B	2/26/2001	Zinc	µg/L	ND	10	SW6020	
HWMU 5	5W8B	2/26/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	5W8B	2/26/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	5W8B	2/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	5W8B	2/26/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	5W8B	2/26/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	5W8B	2/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W8B	2/26/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W8B	2/26/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W8B	2/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	5W8B	2/26/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W8B	2/26/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W8B	2/26/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	5W8B	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W8B	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W8B Rep 2	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W8B Rep 2	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W8B Rep 3	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W8B Rep 3	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W8B Rep 4	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W8B Rep 4	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	5W9A	2/27/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	5W9A	2/27/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	5W9A	2/27/2001	Barium	µg/L	40.5	10	SW6020	
HWMU 5	5W9A	2/27/2001	Beryllium	µg/L	ND	1	SW6020	
HWMU 5	5W9A	2/27/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	5W9A	2/27/2001	Cobalt	µg/L	ND	5	SW6020	
HWMU 5	5W9A	2/27/2001	Copper	µg/L	ND	5	SW6020	
HWMU 5	5W9A	2/27/2001	Lead	µg/L	ND	1	SW6020	
HWMU 5	5W9A	2/27/2001	Nickel	µg/L	ND	10	SW6020	
HWMU 5	5W9A	2/27/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	5W9A	2/27/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	5W9A	2/27/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	5W9A	2/27/2001	Zinc	µg/L	ND	10	SW6020	
HWMU 5	5W9A	2/27/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	5W9A	2/27/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	5W9A	2/27/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	5W9A	2/27/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	5W9A	2/27/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	5W9A	2/27/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	5W9A	2/27/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W9A	2/27/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5W9A	2/27/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	5W9A	2/27/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W9A	2/27/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5W9A	2/27/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	5W9A	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W9A	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W9A Rep 2	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W9A Rep 2	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W9A Rep 3	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W9A Rep 3	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5W9A Rep 4	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5W9A Rep 4	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	5WC2-1	2/26/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	5WC2-1	2/26/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	5WC2-1	2/26/2001	Barium	µg/L	13.3	10	SW6020	
HWMU 5	5WC2-1	2/26/2001	Beryllium	µg/L	3.68	1	SW6020	
HWMU 5	5WC2-1	2/26/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	5WC2-1	2/26/2001	Cobalt	µg/L	96.2	5	SW6020	
HWMU 5	5WC2-1	2/26/2001	Copper	µg/L	11.7	5	SW6020	
HWMU 5	5WC2-1	2/26/2001	Lead	µg/L	ND	1	SW6020	
HWMU 5	5WC2-1	2/26/2001	Nickel	µg/L	77.3	10	SW6020	
HWMU 5	5WC2-1	2/26/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	5WC2-1	2/26/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	5WC2-1	2/26/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	5WC2-1	2/26/2001	Zinc	µg/L	74	10	SW6020	
HWMU 5	5WC2-1	2/26/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	5WC2-1	2/26/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	5WC2-1	2/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Trichloroethene	µg/L	7.32	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-1	2/26/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-1	2/26/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-1	2/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	5WC2-1	2/26/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-1	2/26/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-1	2/26/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-1	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-1	2/26/2001	Total Organic Carbon	µg/L	1100	1,000	SW9060	
HWMU 5	5WC2-1 Rep 2	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-1 Rep 2	2/26/2001	Total Organic Carbon	µg/L	1100	1,000	SW9060	
HWMU 5	5WC2-1 Rep 3	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-1 Rep 3	2/26/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
HWMU 5	5WC2-1 Rep 4	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-1 Rep 4	2/26/2001	Total Organic Carbon	µg/L	1100	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	5WC2-2	2/27/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	5WC2-2	2/27/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	5WC2-2	2/27/2001	Barium	µg/L	22.6	10	SW6020	
HWMU 5	5WC2-2	2/27/2001	Beryllium	µg/L	ND	1	SW6020	
HWMU 5	5WC2-2	2/27/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	5WC2-2	2/27/2001	Cobalt	µg/L	6.07	5	SW6020	
HWMU 5	5WC2-2	2/27/2001	Copper	µg/L	ND	5	SW6020	
HWMU 5	5WC2-2	2/27/2001	Lead	µg/L	1.75	1	SW6020	
HWMU 5	5WC2-2	2/27/2001	Nickel	µg/L	ND	10	SW6020	
HWMU 5	5WC2-2	2/27/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	5WC2-2	2/27/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	5WC2-2	2/27/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	5WC2-2	2/27/2001	Zinc	µg/L	ND	10	SW6020	
HWMU 5	5WC2-2	2/27/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	5WC2-2	2/27/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	5WC2-2	2/27/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Trichloroethene	µg/L	5.81	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-2	2/27/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-2	2/27/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-2	2/27/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	5WC2-2	2/27/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-2	2/27/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-2	2/27/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-2	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-2	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5WC2-2 Rep 2	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-2 Rep 2	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5WC2-2 Rep 3	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-2 Rep 3	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5WC2-2 Rep 4	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-2 Rep 4	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	5WC2-3	2/27/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	5WC2-3	2/27/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	5WC2-3	2/27/2001	Barium	µg/L	24.8	10	SW6020	
HWMU 5	5WC2-3	2/27/2001	Beryllium	µg/L	ND	1	SW6020	
HWMU 5	5WC2-3	2/27/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	5WC2-3	2/27/2001	Cobalt	µg/L	ND	5	SW6020	
HWMU 5	5WC2-3	2/27/2001	Copper	µg/L	ND	5	SW6020	
HWMU 5	5WC2-3	2/27/2001	Lead	µg/L	ND	1	SW6020	
HWMU 5	5WC2-3	2/27/2001	Nickel	µg/L	ND	10	SW6020	
HWMU 5	5WC2-3	2/27/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	5WC2-3	2/27/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	5WC2-3	2/27/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	5WC2-3	2/27/2001	Zinc	µg/L	ND	10	SW6020	
HWMU 5	5WC2-3	2/27/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	5WC2-3	2/27/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	5WC2-3	2/27/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Trichloroethene	µg/L	4.98	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	5WC2-3	2/27/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-3	2/27/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-3	2/27/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	5WC2-3	2/27/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-3	2/27/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-3	2/27/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	5WC2-3	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-3	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5WC2-3 Rep 2	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-3 Rep 2	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5WC2-3 Rep 3	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-3 Rep 3	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	5WC2-3 Rep 4	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	5WC2-3 Rep 4	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	S5W5	2/27/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	S5W5	2/27/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	S5W5	2/27/2001	Barium	µg/L	31	10	SW6020	
HWMU 5	S5W5	2/27/2001	Beryllium	µg/L	ND	1	SW6020	
HWMU 5	S5W5	2/27/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	S5W5	2/27/2001	Cobalt	µg/L	ND	5	SW6020	
HWMU 5	S5W5	2/27/2001	Copper	µg/L	ND	5	SW6020	
HWMU 5	S5W5	2/27/2001	Lead	µg/L	2.6	1	SW6020	
HWMU 5	S5W5	2/27/2001	Nickel	µg/L	ND	10	SW6020	
HWMU 5	S5W5	2/27/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	S5W5	2/27/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	S5W5	2/27/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	S5W5	2/27/2001	Zinc	µg/L	ND	10	SW6020	
HWMU 5	S5W5	2/27/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	S5W5	2/27/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	S5W5	2/27/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	S5W5	2/27/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	S5W5	2/27/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	S5W5	2/27/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	S5W5	2/27/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	S5W5	2/27/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	S5W5	2/27/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	S5W5	2/27/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	S5W5	2/27/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	S5W5	2/27/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	S5W5	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	S5W5	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	S5W5 Rep 2	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	S5W5 Rep 2	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	S5W5 Rep 3	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	S5W5 Rep 3	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	S5W5 Rep 4	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	S5W5 Rep 4	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

HWMU 5
First Quarter 2001

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	S5W7	2/27/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	S5W7	2/27/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	S5W7	2/27/2001	Barium	µg/L	94.5	10	SW6020	
HWMU 5	S5W7	2/27/2001	Beryllium	µg/L	ND	1	SW6020	
HWMU 5	S5W7	2/27/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	S5W7	2/27/2001	Cobalt	µg/L	ND	5	SW6020	
HWMU 5	S5W7	2/27/2001	Copper	µg/L	ND	5	SW6020	
HWMU 5	S5W7	2/27/2001	Lead	µg/L	2.39	1	SW6020	
HWMU 5	S5W7	2/27/2001	Nickel	µg/L	ND	10	SW6020	
HWMU 5	S5W7	2/27/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	S5W7	2/27/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	S5W7	2/27/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	S5W7	2/27/2001	Zinc	µg/L	ND	10	SW6020	
HWMU 5	S5W7	2/27/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	S5W7	2/27/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	S5W7	2/27/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	S5W7	2/27/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	S5W7	2/27/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	S5W7	2/27/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	S5W7	2/27/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	S5W7	2/27/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	S5W7	2/27/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	S5W7	2/27/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	S5W7	2/27/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	S5W7	2/27/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	S5W7	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	S5W7	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	S5W7 Rep 2	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	S5W7 Rep 2	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	S5W7 Rep 3	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	S5W7 Rep 3	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	S5W7 Rep 4	2/27/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	S5W7 Rep 4	2/27/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	SITE 5 DUP.	2/26/2001	Antimony	µg/L	ND	1	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Arsenic	µg/L	ND	10	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Barium	µg/L	18.9	10	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Beryllium	µg/L	1.73	1	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Cadmium	µg/L	ND	1	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Cobalt	µg/L	45.7	5	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Copper	µg/L	16.8	5	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Lead	µg/L	2.89	1	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Nickel	µg/L	49.6	10	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Silver	µg/L	ND	2	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Thallium	µg/L	ND	1	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Vanadium	µg/L	ND	50	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Zinc	µg/L	84	10	SW6020	
HWMU 5	SITE 5 DUP.	2/26/2001	Mercury	µg/L	ND	1	SW7470	
HWMU 5	SITE 5 DUP.	2/26/2001	Selenium	µg/L	ND	10	SW7740	
HWMU 5	SITE 5 DUP.	2/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	SITE 5 DUP.	2/26/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	SITE 5 DUP.	2/26/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
HWMU 5	SITE 5 DUP.	2/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
HWMU 5	SITE 5 DUP.	2/26/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	SITE 5 DUP.	2/26/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
HWMU 5	SITE 5 DUP.	2/26/2001	Diphenylamine	µg/L	ND	10	SW8270C	
HWMU 5	SITE 5 DUP.	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	SITE 5 DUP.	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	SITE 5 DUP. Rep 2	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	SITE 5 DUP. Rep 2	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	SITE 5 DUP. Rep 3	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	SITE 5 DUP. Rep 3	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
HWMU 5	SITE 5 DUP. Rep 4	2/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
HWMU 5	SITE 5 DUP. Rep 4	2/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

Site ID	Well ID	Coll. Date	Analyte	Units	Result	Quant Limit	Test No	Qualifiers
HWMU 5	TRIP BLANK	2/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	2-Butanone	µg/L	ND	10	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Acetone	µg/L	ND	10	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Benzene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Chloroethane	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Chloroform	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Chloromethane	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Ethylene oxide	µg/L	ND	10	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Ethylene oxide	µg/L	ND	10	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Methylene chloride	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	o-Xylene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Pentachloroethane	µg/L	ND	10	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Pentachloroethane	µg/L	ND	10	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	tert-Butyl alcohol	µg/L	ND	500	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	tert-Butyl alcohol	µg/L	ND	500	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Toluene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Trichloroethene	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
HWMU 5	TRIP BLANK	2/27/2001	Vinyl chloride	µg/L	ND	1	SW8260B	

HWMU-5
Second Quarter 2001

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W10A-A	5/17/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	5/17/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W10A-A	5/17/2001	Barium	µg/L	44.3	10	SW6020	
SITE 5 5W10A-A	5/17/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	5/17/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	5/17/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 5W10A-A	5/17/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5W10A-A	5/17/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	5/17/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5W10A-A	5/17/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W10A-A	5/17/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	5/17/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W10A-A	5/17/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5W10A-A	5/17/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W10A-A	5/17/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 5W10A-A	5/17/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W10A-A	5/17/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W10A-A	5/17/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W10A-A	5/17/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	5/17/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	5/17/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	5/17/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W10A-A	5/17/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	5/17/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	5/17/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W10A-A	5/17/2001	Total Organic Carbon	µg/L	1300	1,000	SW9060	
SITE 5 5W10A-B	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W10A-B	5/17/2001	Total Organic Carbon	µg/L	1200	1,000	SW9060	
SITE 5 5W10A-C	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W10A-C	5/17/2001	Total Organic Carbon	µg/L	1100	1,000	SW9060	
SITE 5 5W10A-D	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W10A-D	5/17/2001	Total Organic Carbon	µg/L	1100	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W11A-A	5/17/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W11A-A	5/17/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W11A-A	5/17/2001	Barium	µg/L	96.6	10	SW6020	
SITE 5 5W11A-A	5/17/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5W11A-A	5/17/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W11A-A	5/17/2001	Cobalt	µg/L	8.93	5	SW6020	
SITE 5 5W11A-A	5/17/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5W11A-A	5/17/2001	Lead	µg/L	1.8	1	SW6020	
SITE 5 5W11A-A	5/17/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5W11A-A	5/17/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W11A-A	5/17/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W11A-A	5/17/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W11A-A	5/17/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5W11A-A	5/17/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W11A-A	5/17/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 5W11A-A	5/17/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W11A-A	5/17/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W11A-A	5/17/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W11A-A	5/17/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W11A-A	5/17/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W11A-A	5/17/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W11A-A	5/17/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W11A-A	5/17/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W11A-A	5/17/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W11A-A	5/17/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W11A-A	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W11A-A	5/17/2001	Total Organic Carbon	µg/L	1600	1,000	SW9060	
SITE 5 5W11A-B	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W11A-B	5/17/2001	Total Organic Carbon	µg/L	1400	1,000	SW9060	
SITE 5 5W11A-C	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W11A-C	5/17/2001	Total Organic Carbon	µg/L	1300	1,000	SW9060	
SITE 5 5W11A-D	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W11A-D	5/17/2001	Total Organic Carbon	µg/L	1300	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W5B-A	5/14/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	5/14/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W5B-A	5/14/2001	Barium	µg/L	13.7	10	SW6020	
SITE 5 5W5B-A	5/14/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	5/14/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	5/14/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 5W5B-A	5/14/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5W5B-A	5/14/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	5/14/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5W5B-A	5/14/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W5B-A	5/14/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	5/14/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W5B-A	5/14/2001	Zinc	µg/L	18.7	10	SW6020	
SITE 5 5W5B-A	5/14/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W5B-A	5/14/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 5W5B-A	5/14/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W5B-A	5/14/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W5B-A	5/14/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	Chloroform	µg/L	8.49	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W5B-A	5/14/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	Trichloroethene	µg/L	1.67	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	5/14/2001	2,4-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 5 5W5B-A	5/14/2001	2,6-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 5 5W5B-A	5/14/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W5B-A	5/14/2001	Diethyl phthalate	µg/L	ND	8	SW8270C	
SITE 5 5W5B-A	5/14/2001	Di-n-butyl phthalate	µg/L	ND	8	SW8270C	
SITE 5 5W5B-A	5/14/2001	Diphenylamine	µg/L	ND	8	SW8270C	
SITE 5 5W5B-A	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W5B-A	5/14/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W5B-B	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W5B-B	5/14/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W5B-C	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W5B-C	5/14/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W5B-D	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W5B-D	5/14/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W7B-A	5/14/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W7B-A	5/14/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W7B-A	5/14/2001	Barium	µg/L	16.3	10	SW6020	
SITE 5 5W7B-A	5/14/2001	Beryllium	µg/L	2.69	1	SW6020	
SITE 5 5W7B-A	5/14/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W7B-A	5/14/2001	Cobalt	µg/L	50.3	5	SW6020	
SITE 5 5W7B-A	5/14/2001	Copper	µg/L	16.4	5	SW6020	
SITE 5 5W7B-A	5/14/2001	Lead	µg/L	3.7	1	SW6020	
SITE 5 5W7B-A	5/14/2001	Nickel	µg/L	68.6	10	SW6020	
SITE 5 5W7B-A	5/14/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W7B-A	5/14/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W7B-A	5/14/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W7B-A	5/14/2001	Zinc	µg/L	12ND	10	SW6020	
SITE 5 5W7B-A	5/14/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W7B-A	5/14/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 5W7B-A	5/14/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W7B-A	5/14/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W7B-A	5/14/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W7B-A	5/14/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	5/14/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	5/14/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	5/14/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W7B-A	5/14/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	5/14/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	5/14/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W7B-A	5/14/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
SITE 5 5W7B-B	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W7B-B	5/14/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W7B-C	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W7B-C	5/14/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
SITE 5 5W7B-D	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W7B-D	5/14/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W8B-A	5/14/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	5/14/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W8B-A	5/14/2001	Barium	µg/L	112	10	SW6020	
SITE 5 5W8B-A	5/14/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	5/14/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	5/14/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 5W8B-A	5/14/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5W8B-A	5/14/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	5/14/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5W8B-A	5/14/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W8B-A	5/14/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	5/14/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W8B-A	5/14/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5W8B-A	5/14/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W8B-A	5/14/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 5W8B-A	5/14/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W8B-A	5/14/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W8B-A	5/14/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W8B-A	5/14/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	5/14/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	5/14/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	5/14/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W8B-A	5/14/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	5/14/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	5/14/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W8B-A	5/14/2001	Total Organic Carbon	µg/L	1400	1,000	SW9060	
SITE 5 5W8B-B	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W8B-B	5/14/2001	Total Organic Carbon	µg/L	1300	1,000	SW9060	
SITE 5 5W8B-C	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W8B-C	5/14/2001	Total Organic Carbon	µg/L	1400	1,000	SW9060	
SITE 5 5W8B-D	5/14/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W8B-D	5/14/2001	Total Organic Carbon	µg/L	1400	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W9A-A	5/17/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W9A-A	5/17/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W9A-A	5/17/2001	Barium	µg/L	45.2	10	SW6020	
SITE 5 5W9A-A	5/17/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5W9A-A	5/17/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W9A-A	5/17/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 5W9A-A	5/17/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5W9A-A	5/17/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5W9A-A	5/17/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5W9A-A	5/17/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W9A-A	5/17/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W9A-A	5/17/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W9A-A	5/17/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5W9A-A	5/17/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W9A-A	5/17/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 5W9A-A	5/17/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W9A-A	5/17/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W9A-A	5/17/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W9A-A	5/17/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W9A-A	5/17/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W9A-A	5/17/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W9A-A	5/17/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W9A-A	5/17/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W9A-A	5/17/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W9A-A	5/17/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W9A-A	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W9A-A	5/17/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W9A-B	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W9A-B	5/17/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W9A-C	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W9A-C	5/17/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W9A-D	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W9A-D	5/17/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5WC2-1-A	5/15/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Barium	µg/L	18.5	10	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Beryllium	µg/L	3.27	1	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Cobalt	µg/L	87.3	5	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Copper	µg/L	8.37	5	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Nickel	µg/L	61.3	10	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Zinc	µg/L	82.5	10	SW6020	
SITE 5 5WC2-1-A	5/15/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5WC2-1-A	5/15/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 5WC2-1-A	5/15/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Trichloroethene	µg/L	12.1	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	5/15/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	5/15/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	5/15/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5WC2-1-A	5/15/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	5/15/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	5/15/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	5/15/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-1-A	5/15/2001	Total Organic Carbon	µg/L	2300	1,000	SW9060	
SITE 5 5WC2-1-B	5/15/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-1-B	5/15/2001	Total Organic Carbon	µg/L	2000	1,000	SW9060	
SITE 5 5WC2-1-C	5/15/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-1-C	5/15/2001	Total Organic Carbon	µg/L	2200	1,000	SW9060	
SITE 5 5WC2-1-D	5/15/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-1-D	5/15/2001	Total Organic Carbon	µg/L	2200	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5WC2-2-A	5/15/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Barium	µg/L	24	10	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Cobalt	µg/L	5.6	5	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5WC2-2-A	5/15/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5WC2-2-A	5/15/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 5WC2-2-A	5/15/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Chloroform	µg/L	1.74	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Trichloroethene	µg/L	9.33	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	5/15/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	5/15/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	5/15/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5WC2-2-A	5/15/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	5/15/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	5/15/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	5/15/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-2-A	5/15/2001	Total Organic Carbon	µg/L	1500	1,000	SW9060	
SITE 5 5WC2-2-B	5/15/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-2-B	5/15/2001	Total Organic Carbon	µg/L	1300	1,000	SW9060	
SITE 5 5WC2-2-C	5/15/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-2-C	5/15/2001	Total Organic Carbon	µg/L	1500	1,000	SW9060	
SITE 5 5WC2-2-D	5/15/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-2-D	5/15/2001	Total Organic Carbon	µg/L	1400	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5WC2-3-A	5/16/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Barium	µg/L	63.7	10	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Copper	µg/L	9.52	5	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Lead	µg/L	24.3	1	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Zinc	µg/L	27.6	10	SW6020	
SITE 5 5WC2-3-A	5/16/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5WC2-3-A	5/16/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 5WC2-3-A	5/16/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Chloroform	µg/L	1.78	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Trichloroethene	µg/L	9.11	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	5/16/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	5/16/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	5/16/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5WC2-3-A	5/16/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	5/16/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	5/16/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	5/16/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-3-A	5/16/2001	Total Organic Carbon	µg/L	2500	1,000	SW9060	
SITE 5 5WC2-3-B	5/16/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-3-B	5/16/2001	Total Organic Carbon	µg/L	2400	1,000	SW9060	
SITE 5 5WC2-3-C	5/16/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-3-C	5/16/2001	Total Organic Carbon	µg/L	2400	1,000	SW9060	
SITE 5 5WC2-3-D	5/16/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-3-D	5/16/2001	Total Organic Carbon	µg/L	2500	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 S5W5-A	5/16/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 S5W5-A	5/16/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 S5W5-A	5/16/2001	Barium	µg/L	29	10	SW6020	
SITE 5 S5W5-A	5/16/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 S5W5-A	5/16/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 S5W5-A	5/16/2001	Cobalt	µg/L	5.17	5	SW6020	
SITE 5 S5W5-A	5/16/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 S5W5-A	5/16/2001	Lead	µg/L	1.1	1	SW6020	
SITE 5 S5W5-A	5/16/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 S5W5-A	5/16/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 S5W5-A	5/16/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 S5W5-A	5/16/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 S5W5-A	5/16/2001	Zinc	µg/L	22.7	10	SW6020	
SITE 5 S5W5-A	5/16/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 S5W5-A	5/16/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 S5W5-A	5/16/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 S5W5-A	5/16/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 S5W5-A	5/16/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 S5W5-A	5/16/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	5/16/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	5/16/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	5/16/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 S5W5-A	5/16/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	5/16/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	5/16/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	5/16/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W5-A	5/16/2001	Total Organic Carbon	µg/L	2600	1,000	SW9060	
SITE 5 S5W5-B	5/16/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W5-B	5/16/2001	Total Organic Carbon	µg/L	2300	1,000	SW9060	
SITE 5 S5W5-C	5/16/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W5-C	5/16/2001	Total Organic Carbon	µg/L	2300	1,000	SW9060	
SITE 5 S5W5-D	5/16/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W5-D	5/16/2001	Total Organic Carbon	µg/L	2300	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 S5W7-A	5/17/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 S5W7-A	5/17/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 S5W7-A	5/17/2001	Barium	µg/L	85.9	10	SW6020	
SITE 5 S5W7-A	5/17/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 S5W7-A	5/17/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 S5W7-A	5/17/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 S5W7-A	5/17/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 S5W7-A	5/17/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 S5W7-A	5/17/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 S5W7-A	5/17/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 S5W7-A	5/17/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 S5W7-A	5/17/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 S5W7-A	5/17/2001	Zinc	µg/L	12	10	SW6020	
SITE 5 S5W7-A	5/17/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 S5W7-A	5/17/2001	Selenium	µg/L	ND	100	SW7740	
SITE 5 S5W7-A	5/17/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 S5W7-A	5/17/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 S5W7-A	5/17/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 S5W7-A	5/17/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	5/17/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 S5W7-A	5/17/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 S5W7-A	5/17/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 S5W7-A	5/17/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 S5W7-A	5/17/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 S5W7-A	5/17/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 S5W7-A	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W7-A	5/17/2001	Total Organic Carbon	µg/L	1800	1,000	SW9060	
SITE 5 S5W7-B	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W7-B	5/17/2001	Total Organic Carbon	µg/L	1600	1,000	SW9060	
SITE 5 S5W7-C	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W7-C	5/17/2001	Total Organic Carbon	µg/L	1700	1,000	SW9060	
SITE 5 S5W7-D	5/17/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W7-D	5/17/2001	Total Organic Carbon	µg/L	1700	1,000	SW9060	

ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 TRIP BLANK	5/14/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/14/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/16/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	5/17/2001	Vinyl chloride	µg/L	ND	1	SW8260B	

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ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W10A-A	7/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	7/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W10A-A	7/23/2001	Barium	µg/L	48.6	10	SW6020	
SITE 5 5W10A-A	7/23/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	7/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	7/23/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 5W10A-A	7/23/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5W10A-A	7/23/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	7/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5W10A-A	7/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W10A-A	7/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W10A-A	7/23/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W10A-A	7/23/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5W10A-A	7/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W10A-A	7/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 5W10A-A	7/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W10A-A	7/23/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W10A-A	7/23/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W10A-A	7/23/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W10A-A	7/23/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	7/23/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	7/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W10A-A	7/23/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	7/23/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	7/23/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W10A-A	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W10A-A	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W10A-B	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W10A-B	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W10A-C	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W10A-C	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W10A-D	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W10A-D	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W5B-A	7/20/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	7/20/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W5B-A	7/20/2001	Barium	µg/L	52.3	10	SW6020	
SITE 5 5W5B-A	7/20/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	7/20/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	7/20/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 5W5B-A	7/20/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5W5B-A	7/20/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	7/20/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5W5B-A	7/20/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W5B-A	7/20/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W5B-A	7/20/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W5B-A	7/20/2001	Zinc	µg/L	12.1	10	SW6020	
SITE 5 5W5B-A	7/20/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W5B-A	7/20/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 5W5B-A	7/20/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W5B-A	7/20/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W5B-A	7/20/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	Chloroform	µg/L	5.97	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W5B-A	7/20/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	Trichloroethene	µg/L	6.06	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W5B-A	7/20/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W5B-A	7/20/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W5B-A	7/20/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W5B-A	7/20/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W5B-A	7/20/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W5B-A	7/20/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W5B-A	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W5B-A	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W5B-B	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W5B-B	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W5B-C	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W5B-C	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W5B-D	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W5B-D	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W7B-A	7/20/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W7B-A	7/20/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W7B-A	7/20/2001	Barium	µg/L	15.8	10	SW6020	
SITE 5 5W7B-A	7/20/2001	Beryllium	µg/L	1.79	1	SW6020	
SITE 5 5W7B-A	7/20/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W7B-A	7/20/2001	Cobalt	µg/L	40	5	SW6020	
SITE 5 5W7B-A	7/20/2001	Copper	µg/L	13.7	5	SW6020	
SITE 5 5W7B-A	7/20/2001	Lead	µg/L	2.29	1	SW6020	
SITE 5 5W7B-A	7/20/2001	Nickel	µg/L	38	10	SW6020	
SITE 5 5W7B-A	7/20/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W7B-A	7/20/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W7B-A	7/20/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W7B-A	7/20/2001	Zinc	µg/L	75.4	10	SW6020	
SITE 5 5W7B-A	7/20/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W7B-A	7/20/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 5W7B-A	7/20/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W7B-A	7/20/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W7B-A	7/20/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W7B-A	7/20/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W7B-A	7/20/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	7/20/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	7/20/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W7B-A	7/20/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	7/20/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	7/20/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W7B-A	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W7B-A	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W7B-B	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W7B-B	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W7B-C	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W7B-C	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W7B-D	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W7B-D	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W8B-A	7/20/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	7/20/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W8B-A	7/20/2001	Barium	µg/L	118	10	SW6020	
SITE 5 5W8B-A	7/20/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	7/20/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	7/20/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 5W8B-A	7/20/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5W8B-A	7/20/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	7/20/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5W8B-A	7/20/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W8B-A	7/20/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W8B-A	7/20/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W8B-A	7/20/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5W8B-A	7/20/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W8B-A	7/20/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 5W8B-A	7/20/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W8B-A	7/20/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W8B-A	7/20/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W8B-A	7/20/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W8B-A	7/20/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	7/20/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	7/20/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5 5W8B-A	7/20/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	7/20/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	7/20/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W8B-A	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W8B-A	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W8B-B	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W8B-B	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W8B-C	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W8B-C	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W8B-D	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W8B-D	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5W9-A-A	7/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5W9-A-A	7/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5W9-A-A	7/23/2001	Barium	µg/L	48.8	10	SW6020	
SITE 5 5W9-A-A	7/23/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5W9-A-A	7/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5W9-A-A	7/23/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 5W9-A-A	7/23/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5W9-A-A	7/23/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5W9-A-A	7/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5W9-A-A	7/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5W9-A-A	7/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5W9-A-A	7/23/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5W9-A-A	7/23/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5W9-A-A	7/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5W9-A-A	7/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 5W9-A-A	7/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5W9-A-A	7/23/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W9-A-A	7/23/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5W9-A-A	7/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5W9-A-A	7/23/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W9-A-A	7/23/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5W9-A-A	7/23/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5W9-A-A	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W9-A-A	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W9-A-B	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W9-A-B	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W9-A-C	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W9-A-C	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5W9-A-D	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5W9-A-D	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5WC2-1-A	7/20/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Barium	µg/L	16.1	10	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Beryllium	µg/L	4.23	1	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Cobalt	µg/L	142	5	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Copper	µg/L	10.8	5	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Nickel	µg/L	63.4	10	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Zinc	µg/L	81.7	10	SW6020	
SITE 5 5WC2-1-A	7/20/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5WC2-1-A	7/20/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 5WC2-1-A	7/20/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Trichloroethene	µg/L	20.4	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-1-A	7/20/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	7/20/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	7/20/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5WC2-1-A	7/20/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	7/20/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	7/20/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5WC2-1-A	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-1-A	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5WC2-1-B	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-1-B	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5WC2-1-C	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-1-C	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5WC2-1-D	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-1-D	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimi	TestNo	Qualifiers
SITE 5 5WC2-2-A	7/20/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Barium	µg/L	27.1	10	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Cobalt	µg/L	6.82	5	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Lead	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5WC2-2-A	7/20/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5WC2-2-A	7/20/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 5WC2-2-A	7/20/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Trichloroethene	µg/L	13.2	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-2-A	7/20/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	7/20/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	7/20/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5WC2-2-A	7/20/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	7/20/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	7/20/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5WC2-2-A	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-2-A	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5WC2-2-B	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-2-B	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5WC2-2-C	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-2-C	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5WC2-2-D	7/20/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-2-D	7/20/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 5WC2-3-A	7/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Barium	µg/L	28.4	10	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Cobalt	µg/L	6.02	5	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Lead	µg/L	1.57	1	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 5WC2-3-A	7/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 5WC2-3-A	7/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 5WC2-3-A	7/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Trichloroethene	µg/L	11.8	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 5WC2-3-A	7/23/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	7/23/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	7/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 5WC2-3-A	7/23/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	7/23/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	7/23/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 5WC2-3-A	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-3-A	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5WC2-3-B	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-3-B	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5WC2-3-C	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-3-C	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 5WC2-3-D	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 5WC2-3-D	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 S5W11A-A	7/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 S5W11A-A	7/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 S5W11A-A	7/23/2001	Barium	µg/L	99.8	10	SW6020	
SITE 5 S5W11A-A	7/23/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 S5W11A-A	7/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 S5W11A-A	7/23/2001	Cobalt	µg/L	13.2	5	SW6020	
SITE 5 S5W11A-A	7/23/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 S5W11A-A	7/23/2001	Lead	µg/L	1.9	1	SW6020	
SITE 5 S5W11A-A	7/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 S5W11A-A	7/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 S5W11A-A	7/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 S5W11A-A	7/23/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 S5W11A-A	7/23/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 S5W11A-A	7/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 S5W11A-A	7/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 S5W11A-A	7/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W11A-A	7/23/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 S5W11A-A	7/23/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 S5W11A-A	7/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 S5W11A-A	7/23/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 S5W11A-A	7/23/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 S5W11A-A	7/23/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 S5W11A-A	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W11A-A	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 S5W11A-B	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W11A-B	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 S5W11A-C	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W11A-C	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 S5W11A-D	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W11A-D	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 S5W5-A	7/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 S5W5-A	7/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 S5W5-A	7/23/2001	Barium	µg/L	45.7	10	SW6020	
SITE 5 S5W5-A	7/23/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 S5W5-A	7/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 S5W5-A	7/23/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 S5W5-A	7/23/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 S5W5-A	7/23/2001	Lead	µg/L	3.6	1	SW6020	
SITE 5 S5W5-A	7/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 S5W5-A	7/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 S5W5-A	7/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 S5W5-A	7/23/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 S5W5-A	7/23/2001	Zinc	µg/L	21.5	10	SW6020	
SITE 5 S5W5-A	7/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 S5W5-A	7/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 S5W5-A	7/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 S5W5-A	7/23/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 S5W5-A	7/23/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 S5W5-A	7/23/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W5-A	7/23/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	7/23/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	7/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 S5W5-A	7/23/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	7/23/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	7/23/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5 S5W5-A	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W5-A	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 S5W5-B	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W5-B	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 S5W5-C	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W5-C	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 S5W5-D	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W5-D	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 S5W7-A	7/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5 S5W7-A	7/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5 S5W7-A	7/23/2001	Barium	µg/L	86.3	10	SW6020	
SITE 5 S5W7-A	7/23/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5 S5W7-A	7/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5 S5W7-A	7/23/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5 S5W7-A	7/23/2001	Copper	µg/L	ND	5	SW6020	
SITE 5 S5W7-A	7/23/2001	Lead	µg/L	1.42	1	SW6020	
SITE 5 S5W7-A	7/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5 S5W7-A	7/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 5 S5W7-A	7/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5 S5W7-A	7/23/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5 S5W7-A	7/23/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5 S5W7-A	7/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 5 S5W7-A	7/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5 S5W7-A	7/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 S5W7-A	7/23/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5 S5W7-A	7/23/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 S5W7-A	7/23/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 S5W7-A	7/23/2001	2,4-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 5 S5W7-A	7/23/2001	2,6-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 5 S5W7-A	7/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5 S5W7-A	7/23/2001	Diethyl phthalate	µg/L	ND	8	SW8270C	
SITE 5 S5W7-A	7/23/2001	Di-n-butyl phthalate	µg/L	ND	8	SW8270C	
SITE 5 S5W7-A	7/23/2001	Diphenylamine	µg/L	ND	8	SW8270C	
SITE 5 S5W7-A	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W7-A	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 S5W7-B	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W7-B	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 S5W7-C	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W7-C	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5 S5W7-D	7/23/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5 S5W7-D	7/23/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

ClientSampID	CollectionDa	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5 TRIP BLANK	7/20/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Acetone	µg/L	15.4	10	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/20/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Acetone	µg/L	13.7	10	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5 TRIP BLANK	7/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B	

HWMU-5
Fourth Quarter 2001

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	5W10A-A	10/26/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	5W10A-A	10/26/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	5W10A-A	10/26/2001	Barium	µg/L	49.4	10	SW6020	
SITE 5	5W10A-A	10/26/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	5W10A-A	10/26/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	5W10A-A	10/26/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5	5W10A-A	10/26/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	5W10A-A	10/26/2001	Lead	µg/L	ND	1	SW6020	
SITE 5	5W10A-A	10/26/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5	5W10A-A	10/26/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	5W10A-A	10/26/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	5W10A-A	10/26/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	5W10A-A	10/26/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	5W10A-A	10/26/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	5W10A-A	10/26/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	5W10A-A	10/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	5W10A-A	10/26/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	5W10A-A	10/26/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	5W10A-A	10/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	5W10A-A	10/26/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5W10A-A	10/26/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5W10A-A	10/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5	5W10A-A	10/26/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5W10A-A	10/26/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5W10A-A	10/26/2001	Diphenylamine	µg/L	ND	10	SW8270C	
SITE 5	5W10A-A	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W10A-A	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W10A-B	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W10A-B	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W10A-C	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W10A-C	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W10A-D	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W10A-D	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	5W11A-A	10/29/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	5W11A-A	10/29/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	5W11A-A	10/29/2001	Barium	µg/L	106	10	SW6020	
SITE 5	5W11A-A	10/29/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	5W11A-A	10/29/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	5W11A-A	10/29/2001	Cobalt	µg/L	6.48	5	SW6020	
SITE 5	5W11A-A	10/29/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	5W11A-A	10/29/2001	Lead	µg/L	1.13	1	SW6020	
SITE 5	5W11A-A	10/29/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5	5W11A-A	10/29/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	5W11A-A	10/29/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	5W11A-A	10/29/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	5W11A-A	10/29/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	5W11A-A	10/29/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	5W11A-A	10/29/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	5W11A-A	10/29/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	5W11A-A	10/29/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	5W11A-A	10/29/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	5W11A-A	10/29/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	5W11A-A	10/29/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5W11A-A	10/29/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5W11A-A	10/29/2001	Bis(2-ethylhexyl)phthalate	µg/L	271	57	SW8270C	
SITE 5	5W11A-A	10/29/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5W11A-A	10/29/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5W11A-A	10/29/2001	Diphenylamine	µg/L	ND	10	SW8270C	
SITE 5	5W11A-A	10/29/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W11A-A	10/29/2001	Total Organic Carbon	µg/L	1200	1,000	SW9060	
SITE 5	5W11A-B	10/29/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W11A-B	10/29/2001	Total Organic Carbon	µg/L	1300	1,000	SW9060	
SITE 5	5W11A-C	10/29/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W11A-C	10/29/2001	Total Organic Carbon	µg/L	1200	1,000	SW9060	
SITE 5	5W11A-D	10/29/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W11A-D	10/29/2001	Total Organic Carbon	µg/L	1100	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	5W5B-A	10/25/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	5W5B-A	10/25/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	5W5B-A	10/25/2001	Barium	µg/L	68.9	10	SW6020	
SITE 5	5W5B-A	10/25/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	5W5B-A	10/25/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	5W5B-A	10/25/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5	5W5B-A	10/25/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	5W5B-A	10/25/2001	Lead	µg/L	ND	1	SW6020	
SITE 5	5W5B-A	10/25/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5	5W5B-A	10/25/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	5W5B-A	10/25/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	5W5B-A	10/25/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	5W5B-A	10/25/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	5W5B-A	10/25/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	5W5B-A	10/25/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	5W5B-A	10/25/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	5W5B-A	10/25/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	5W5B-A	10/25/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	Chloroform	µg/L	3	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	5W5B-A	10/25/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	Trichloroethene	µg/L	9.91	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	5W5B-A	10/25/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	5W5B-A	10/25/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	5W5B-A	10/25/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5	5W5B-A	10/25/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	5W5B-A	10/25/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	5W5B-A	10/25/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5	5W5B-A	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W5B-A	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W5B-B	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W5B-B	10/25/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
SITE 5	5W5B-C	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W5B-C	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W5B-D	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W5B-D	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	5W7B-A	10/25/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	5W7B-A	10/25/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	5W7B-A	10/25/2001	Barium	µg/L	35.1	10	SW6020	
SITE 5	5W7B-A	10/25/2001	Beryllium	µg/L	2.12	1	SW6020	
SITE 5	5W7B-A	10/25/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	5W7B-A	10/25/2001	Cobalt	µg/L	48	5	SW6020	
SITE 5	5W7B-A	10/25/2001	Copper	µg/L	22.4	5	SW6020	
SITE 5	5W7B-A	10/25/2001	Lead	µg/L	4.08	1	SW6020	
SITE 5	5W7B-A	10/25/2001	Nickel	µg/L	50.5	10	SW6020	
SITE 5	5W7B-A	10/25/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	5W7B-A	10/25/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	5W7B-A	10/25/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	5W7B-A	10/25/2001	Zinc	µg/L	90.2	10	SW6020	
SITE 5	5W7B-A	10/25/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	5W7B-A	10/25/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	5W7B-A	10/25/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	5W7B-A	10/25/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	5W7B-A	10/25/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	5W7B-A	10/25/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	5W7B-A	10/25/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	5W7B-A	10/25/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	5W7B-A	10/25/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5	5W7B-A	10/25/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	5W7B-A	10/25/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	5W7B-A	10/25/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5	5W7B-A	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W7B-A	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W7B-B	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W7B-B	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W7B-C	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W7B-C	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W7B-D	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W7B-D	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	5W8B-A	10/25/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	5W8B-A	10/25/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	5W8B-A	10/25/2001	Barium	µg/L	110	10	SW6020	
SITE 5	5W8B-A	10/25/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	5W8B-A	10/25/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	5W8B-A	10/25/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5	5W8B-A	10/25/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	5W8B-A	10/25/2001	Lead	µg/L	ND	1	SW6020	
SITE 5	5W8B-A	10/25/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5	5W8B-A	10/25/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	5W8B-A	10/25/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	5W8B-A	10/25/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	5W8B-A	10/25/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	5W8B-A	10/25/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	5W8B-A	10/25/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	5W8B-A	10/25/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	5W8B-A	10/25/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	5W8B-A	10/25/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	5W8B-A	10/25/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	5W8B-A	10/25/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	5W8B-A	10/25/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	5W8B-A	10/25/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5	5W8B-A	10/25/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	5W8B-A	10/25/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	5W8B-A	10/25/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5	5W8B-A	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W8B-A	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W8B-B	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W8B-B	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W8B-C	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W8B-C	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W8B-D	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W8B-D	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	5W9A-A	10/26/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	5W9A-A	10/26/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	5W9A-A	10/26/2001	Barium	µg/L	48.3	10	SW6020	
SITE 5	5W9A-A	10/26/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	5W9A-A	10/26/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	5W9A-A	10/26/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5	5W9A-A	10/26/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	5W9A-A	10/26/2001	Lead	µg/L	ND	1	SW6020	
SITE 5	5W9A-A	10/26/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5	5W9A-A	10/26/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	5W9A-A	10/26/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	5W9A-A	10/26/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	5W9A-A	10/26/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	5W9A-A	10/26/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	5W9A-A	10/26/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	5W9A-A	10/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	5W9A-A	10/26/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	5W9A-A	10/26/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	5W9A-A	10/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	5W9A-A	10/26/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5W9A-A	10/26/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5W9A-A	10/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5	5W9A-A	10/26/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5W9A-A	10/26/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5W9A-A	10/26/2001	Diphenylamine	µg/L	ND	10	SW8270C	
SITE 5	5W9A-A	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W9A-A	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W9A-B	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W9A-B	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W9A-C	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W9A-C	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5W9A-D	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5W9A-D	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	5WC2-1-A	10/25/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Barium	µg/L	15.5	10	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Beryllium	µg/L	3.8	1	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Cobalt	µg/L	108	5	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Copper	µg/L	11	5	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Lead	µg/L	ND	1	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Nickel	µg/L	68	10	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Zinc	µg/L	59.8	10	SW6020	
SITE 5	5WC2-1-A	10/25/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	5WC2-1-A	10/25/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	5WC2-1-A	10/25/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Trichloroethene	µg/L	19.2	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	5WC2-1-A	10/25/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5WC2-1-A	10/25/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5WC2-1-A	10/25/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5	5WC2-1-A	10/25/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5WC2-1-A	10/25/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5WC2-1-A	10/25/2001	Diphenylamine	µg/L	ND	10	SW8270C	
SITE 5	5WC2-1-A	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-1-A	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5WC2-1-B	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-1-B	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5WC2-1-C	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-1-C	10/25/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
SITE 5	5WC2-1-D	10/25/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-1-D	10/25/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	5WC2-2-A	10/26/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Barium	µg/L	25.6	10	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Cobalt	µg/L	7.12	5	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Lead	µg/L	ND	1	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Nickel	µg/L	11.6	10	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	5WC2-2-A	10/26/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	5WC2-2-A	10/26/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	5WC2-2-A	10/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Trichloroethene	µg/L	7.78	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	5WC2-2-A	10/26/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5WC2-2-A	10/26/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	5WC2-2-A	10/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5	5WC2-2-A	10/26/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5WC2-2-A	10/26/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	5WC2-2-A	10/26/2001	Diphenylamine	µg/L	ND	10	SW8270C	
SITE 5	5WC2-2-A	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-2-A	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5WC2-2-B	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-2-B	10/26/2001	Total Organic Carbon	µg/L	1200	1,000	SW9060	
SITE 5	5WC2-2-C	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-2-C	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5WC2-2-D	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-2-D	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	5WC2-3-A	10/26/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Barium	µg/L	27.2	10	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Cobalt	µg/L	6.04	5	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Lead	µg/L	ND	1	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Nickel	µg/L	11.2	10	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	5WC2-3-A	10/26/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	5WC2-3-A	10/26/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	5WC2-3-A	10/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Trichloroethene	µg/L	7.83	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	5WC2-3-A	10/26/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	5WC2-3-A	10/26/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	5WC2-3-A	10/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5	5WC2-3-A	10/26/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	5WC2-3-A	10/26/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	5WC2-3-A	10/26/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5	5WC2-3-A	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-3-A	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5WC2-3-B	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-3-B	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5WC2-3-C	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-3-C	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	5WC2-3-D	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	5WC2-3-D	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	DUPLICATE-A	10/26/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Barium	µg/L	47.6	10	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Lead	µg/L	ND	1	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	DUPLICATE-A	10/26/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	DUPLICATE-A	10/26/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	DUPLICATE-A	10/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	DUPLICATE-A	10/26/2001	2,4-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 5	DUPLICATE-A	10/26/2001	2,6-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 5	DUPLICATE-A	10/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5	DUPLICATE-A	10/26/2001	Diethyl phthalate	µg/L	ND	8	SW8270C	
SITE 5	DUPLICATE-A	10/26/2001	Di-n-butyl phthalate	µg/L	ND	8	SW8270C	
SITE 5	DUPLICATE-A	10/26/2001	Diphenylamine	µg/L	ND	8	SW8270C	
SITE 5	DUPLICATE-A	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	DUPLICATE-A	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	DUPLICATE-B	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	DUPLICATE-B	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	DUPLICATE-C	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	DUPLICATE-C	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	DUPLICATE-D	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	DUPLICATE-D	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	S5W5-A	10/26/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	S5W5-A	10/26/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	S5W5-A	10/26/2001	Barium	µg/L	41.3	10	SW6020	
SITE 5	S5W5-A	10/26/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	S5W5-A	10/26/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	S5W5-A	10/26/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5	S5W5-A	10/26/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	S5W5-A	10/26/2001	Lead	µg/L	1.13	1	SW6020	
SITE 5	S5W5-A	10/26/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5	S5W5-A	10/26/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	S5W5-A	10/26/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	S5W5-A	10/26/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	S5W5-A	10/26/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	S5W5-A	10/26/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	S5W5-A	10/26/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	S5W5-A	10/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	S5W5-A	10/26/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	S5W5-A	10/26/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	S5W5-A	10/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	S5W5-A	10/26/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	S5W5-A	10/26/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 5	S5W5-A	10/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 5	S5W5-A	10/26/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	S5W5-A	10/26/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 5	S5W5-A	10/26/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 5	S5W5-A	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	S5W5-A	10/26/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
SITE 5	S5W5-B	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	S5W5-B	10/26/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
SITE 5	S5W5-C	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	S5W5-C	10/26/2001	Total Organic Carbon	µg/L	1000	1,000	SW9060	
SITE 5	S5W5-D	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	S5W5-D	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	S5W7-A	10/26/2001	Antimony	µg/L	ND	1	SW6020	
SITE 5	S5W7-A	10/26/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 5	S5W7-A	10/26/2001	Barium	µg/L	77.1	10	SW6020	
SITE 5	S5W7-A	10/26/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 5	S5W7-A	10/26/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 5	S5W7-A	10/26/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 5	S5W7-A	10/26/2001	Copper	µg/L	ND	5	SW6020	
SITE 5	S5W7-A	10/26/2001	Lead	µg/L	ND	1	SW6020	
SITE 5	S5W7-A	10/26/2001	Nickel	µg/L	ND	10	SW6020	
SITE 5	S5W7-A	10/26/2001	Silver	µg/L	ND	2	SW6020	
SITE 5	S5W7-A	10/26/2001	Thallium	µg/L	ND	1	SW6020	
SITE 5	S5W7-A	10/26/2001	Vanadium	µg/L	ND	50	SW6020	
SITE 5	S5W7-A	10/26/2001	Zinc	µg/L	ND	10	SW6020	
SITE 5	S5W7-A	10/26/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 5	S5W7-A	10/26/2001	Selenium	µg/L	ND	10	SW7740	
SITE 5	S5W7-A	10/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	S5W7-A	10/26/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	S5W7-A	10/26/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	S5W7-A	10/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	S5W7-A	10/26/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	S5W7-A	10/26/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 5	S5W7-A	10/26/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 5	S5W7-A	10/26/2001	Diethyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	S5W7-A	10/26/2001	Di-n-butyl phthalate	µg/L	ND	10	SW8270C	
SITE 5	S5W7-A	10/26/2001	Diphenylamine	µg/L	ND	10	SW8270C	
SITE 5	S5W7-A	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	S5W7-A	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	S5W7-B	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	S5W7-B	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	S5W7-C	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	S5W7-C	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	
SITE 5	S5W7-D	10/26/2001	Total Organic Halides (TOX)	µg/L	ND	20	SW9020B	
SITE 5	S5W7-D	10/26/2001	Total Organic Carbon	µg/L	ND	1,000	SW9060	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 5	TRIP BLANK 10/	10/25/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Acetone	µg/L	13.6	10	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/25/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Acetone	µg/L	15.5	10	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/26/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 5	TRIP BLANK 10/	10/29/2001	Vinyl chloride	µg/L	ND	1	SW8260B	

APPENDIX B

STATISTICAL ANALYSIS RESULTS

The GRITS/STAT v5.0 software package does not recognize the years 2000 and 2001. Therefore, in order to conduct the statistical analyses for this report, the sample dates for the eight quarters of laboratory analytical results for the years 2000 and 2001 were entered into the statistical package as follows:

- **First Quarter 2000** entered as **December 10, 1999**
- **Second Quarter 2000** entered as **December 11, 1999**
- **Third Quarter 2000** entered as **December 12, 1999**
- **Fourth Quarter 2000** entered as **December 13, 1999**
- **First Quarter 2001** entered as **December 14, 1999**
- **Second Quarter 2001** entered as **December 15, 1999**
- **Third Quarter 2001** entered as **December 16, 1999**
- **Fourth Quarter 2001** entered as **December 17, 1999**

Data Set Summary

Report Printed: 02-16-2002 13:09

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Sb Antimony, total

CAS Number: 7440-36-0
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 3.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	1.500 ppb	0.405	(* Nondetect *)
Jun 30 1996	1.500 ppb	0.405	(* Nondetect *)
Sep 30 1996	1.500 ppb	0.405	(* Nondetect *)
Dec 31 1996	1.500 ppb	0.405	(* Nondetect *)
Mar 31 1997	1.500 ppb	0.405	(* Nondetect *)
Jun 30 1997	1.500 ppb	0.405	(* Nondetect *)
Sep 30 1997	1.500 ppb	0.405	(* Nondetect *)
Dec 31 1997	1.500 ppb	0.405	(* Nondetect *)
Feb 11 1998	1.500 ppb	0.405	(* Nondetect *)
Apr 23 1998	1.500 ppb	0.405	(* Nondetect *)
Jul 21 1998	1.500 ppb	0.405	(* Nondetect *)
Oct 26 1998	1.500 ppb	0.405	(* Nondetect *)
Mar 11 1999	1.500 ppb	0.405	(* Nondetect *)
May 26 1999	1.500 ppb	0.405	(* Nondetect *)
Jul 20 1999	1.500 ppb	0.405	(* Nondetect *)
Nov 04 1999	1.500 ppb	0.405	(* Nondetect *)
Dec 10 1999	1.500 ppb	0.405	(* Nondetect *)
Dec 11 1999	1.500 ppb	0.405	(* Nondetect *)
Dec 12 1999	1.500 ppb	0.405	(* Nondetect *)
Dec 13 1999	1.500 ppb	0.405	(* Nondetect *)
Dec 14 1999	1.500 ppb	0.405	(* Nondetect *)
Dec 15 1999	1.500 ppb	0.405	(* Nondetect *)
Dec 16 1999	1.500 ppb	0.405	(* Nondetect *)
Dec 17 1999	1.500 ppb	0.405	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	1.500 ppb	0.405 (* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	1.500 ppb	0.405 (* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	1.500 ppb	0.405 (* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	1.500 ppb	0.405	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	1.500 ppb	0.405	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	1.500 ppb	0.405	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	1.500 ppb	0.405	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	1.500 ppb	0.405	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	1.500 ppb	0.405	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405

Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	1.500 ppb	0.405 (* Nondetect *)

Well ID:5W10A   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	1.500 ppb	Ln Minimum:	0.405
Maximum:	1.500 ppb	Ln Maximum:	0.405
Mean:	1.500 ppb	Ln Mean:	0.405
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 12:38

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:As Arsenic, total

CAS Number: 7440-38-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 1.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Jun 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Sep 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Mar 31 1997	0.500 ppb	-0.693	(* Nondetect *)
Jun 30 1997	0.500 ppb	-0.693	(* Nondetect *)
Sep 30 1997	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1997	0.500 ppb	-0.693	(* Nondetect *)
Feb 11 1998	0.500 ppb	-0.693	(* Nondetect *)
Apr 23 1998	0.500 ppb	-0.693	(* Nondetect *)
Jul 21 1998	0.500 ppb	-0.693	(* Nondetect *)
Oct 26 1998	0.500 ppb	-0.693	(* Nondetect *)
Mar 11 1999	0.500 ppb	-0.693	(* Nondetect *)
May 26 1999	0.500 ppb	-0.693	(* Nondetect *)
Jul 20 1999	0.500 ppb	-0.693	(* Nondetect *)
Nov 04 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 10 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 11 1999	5.000 ppb	1.609	
Dec 12 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 13 1999	4.000 ppb	1.386	
Dec 14 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 15 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 16 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 92

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	0.833 ppb	Ln Mean:	-0.511
Std. Dev.:	1.139 ppb	Ln Std. Dev.:	0.619

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693

Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	0.500 ppb	-0.693 (* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Arsenic, total(CAS Number:7440-38-2)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 5.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<1.000 ppb

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Arsenic, total(CAS Number:7440-38-2)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 5.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<1.000 ppb

Data Set Summary

Report Printed: 02-16-2002 12:39

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Ba Barium, total

CAS Number: 7440-39-3
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 2.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln
Mar 31 1996	110.000 ppb	4.700
Jun 30 1996	83.000 ppb	4.419
Sep 30 1996	100.000 ppb	4.605
Dec 31 1996	106.000 ppb	4.663
Mar 31 1997	94.000 ppb	4.543
Jun 30 1997	135.000 ppb	4.905
Sep 30 1997	108.000 ppb	4.682
Dec 31 1997	102.000 ppb	4.625
Feb 11 1998	122.000 ppb	4.804
Apr 23 1998	125.000 ppb	4.828
Jul 21 1998	96.000 ppb	4.564
Oct 26 1998	126.000 ppb	4.836
Mar 11 1999	147.000 ppb	4.990
May 26 1999	119.000 ppb	4.779
Jul 20 1999	114.000 ppb	4.736
Nov 04 1999	118.000 ppb	4.771
Dec 10 1999	90.000 ppb	4.500
Dec 11 1999	87.000 ppb	4.466
Dec 12 1999	87.000 ppb	4.466
Dec 13 1999	94.000 ppb	4.543
Dec 14 1999	90.400 ppb	4.504
Dec 15 1999	112.000 ppb	4.718
Dec 16 1999	118.000 ppb	4.771
Dec 17 1999	110.000 ppb	4.700

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 0

Minimum:	83.000 ppb	Ln Minimum:	4.419
Maximum:	147.000 ppb	Ln Maximum:	4.990
Mean:	108.058 ppb	Ln Mean:	4.672
Std. Dev.:	16.446 ppb	Ln Std. Dev.:	0.151

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	49.400 ppb	3.900

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	49.400 ppb	Ln Minimum:	3.900
Maximum:	49.400 ppb	Ln Maximum:	3.900
Mean:	49.400 ppb	Ln Mean:	3.900
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	106.000 ppb	4.663

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	106.000 ppb	Ln Minimum:	4.663
Maximum:	106.000 ppb	Ln Maximum:	4.663
Mean:	106.000 ppb	Ln Mean:	4.663
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	68.900 ppb	4.233

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	68.900 ppb	Ln Minimum:	4.233
Maximum:	68.900 ppb	Ln Maximum:	4.233
Mean:	68.900 ppb	Ln Mean:	4.233
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	35.100 ppb	3.558

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	35.100 ppb	Ln Minimum:	3.558
Maximum:	35.100 ppb	Ln Maximum:	3.558
Mean:	35.100 ppb	Ln Mean:	3.558
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	48.300 ppb	3.877

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	48.300 ppb	Ln Minimum:	3.877
Maximum:	48.300 ppb	Ln Maximum:	3.877
Mean:	48.300 ppb	Ln Mean:	3.877
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	15.500 ppb	2.741

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	15.500 ppb	Ln Minimum:	2.741
Maximum:	15.500 ppb	Ln Maximum:	2.741
Mean:	15.500 ppb	Ln Mean:	2.741
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	25.600 ppb	3.243

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	25.600 ppb	Ln Minimum:	3.243
Maximum:	25.600 ppb	Ln Maximum:	3.243
Mean:	25.600 ppb	Ln Mean:	3.243
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	27.200 ppb	3.303

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	27.200 ppb	Ln Minimum:	3.303
Maximum:	27.200 ppb	Ln Maximum:	3.303
Mean:	27.200 ppb	Ln Mean:	3.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	41.300 ppb	3.721

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	41.300 ppb	Ln Minimum:	3.721
Maximum:	41.300 ppb	Ln Maximum:	3.721

Mean:	41.300 ppb	Ln Mean:	3.721
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	77.100 ppb	4.345

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	77.100 ppb	Ln Minimum:	4.345
Maximum:	77.100 ppb	Ln Maximum:	4.345
Mean:	77.100 ppb	Ln Mean:	4.345
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Normality Tests

Report Printed: 02-16-2002 12:40

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Ba Barium, total

CAS Number: 7440-39-3
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 2.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Normality Test on Observations for wells listed below:

Well:5W8B Position:Upgradient Observations:24

Scale	Minimum	Maximum	Mean	Std Dev
Original:	83.000	147.000	108.058	16.446
Log:	4.419	4.990	4.672	0.151

Pooled Statistics
Observations: 24

Statistic	Original Scale	Log Scale
Mean:	108.058	4.672
Std Dev:	16.446	0.151
Skewness:	0.416	0.130
Kurtosis:	-0.407	-0.769
Minimum:	83.000	4.419
Maximum:	147.000	4.990
CV:	0.152	0.032

Shapiro-Wilk Statistics

Scale	Test Statistic	5% Critical Value	1% Critical Value
Original:	0.9661	0.9160	0.8840

Log:	0.9744	0.9160	0.8840

* Indicates statistically significant evidence of non-normality.
GRIT/STAT Version 5.0

Parametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Barium, total(CAS Number:7440-39-3)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n):	24
Shapiro-Wilk (W):	0.9661
Critical W, α=0.01:	0.8840
Mean:	108.058 ppb
Std Dev:	16.446 ppb
DF:	23
Conf. Level (1-α):	0.9500
Future Samples (k):	1
$t_{\left[1-\frac{\alpha}{k}\right]}$:	1.7139
Kappa:	1.7492
UL:	136.826 ppb
LL:	$-\infty$

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	49.400 ppb

Well:5W11A

Sample Date	Observation
12/17/99	106.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	68.900 ppb

Well:5W7B

Sample Date	Observation
12/17/99	35.100 ppb

Well:5W9A

Sample Date	Observation
12/17/99	48.300 ppb

Report Produced by GRITS/STAT 5.01

Parametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Barium, total(CAS Number:7440-39-3)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n):	24
Shapiro-Wilk (W):	0.9661
Critical W,α=0.01:	0.8840
Mean:	108.058 ppb
Std Dev:	16.446 ppb
DF:	23
Conf. Level (1-α):	0.9500
Future Samples (k):	1
$t_{\left[1-\frac{\alpha}{k}\right]}$:	1.7139
Kappa:	1.7492
UL:	136.826 ppb
LL:	$-\infty$

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC21

Sample Date	Observation
12/17/99	15.500 ppb

Well:5WC22

Sample Date	Observation
12/17/99	25.600 ppb

Well:5WC23

Sample Date	Observation
12/17/99	27.200 ppb

Well:S5W5

Sample Date	Observation
12/17/99	41.300 ppb

Well:S5W7

Sample Date	Observation
12/17/99	77.100 ppb

Report Produced by GRITS/STAT 5.01

Data Set Summary

Report Printed: 02-16-2002 12:42

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Be Beryllium, total

CAS Number: 7440-41-7
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.200 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.100 ppb	-2.303	(* Nondetect *)
Jun 30 1996	0.100 ppb	-2.303	(* Nondetect *)
Sep 30 1996	0.100 ppb	-2.303	(* Nondetect *)
Dec 31 1996	0.700 ppb	-0.357	
Mar 31 1997	0.100 ppb	-2.303	(* Nondetect *)
Jun 30 1997	0.100 ppb	-2.303	(* Nondetect *)
Sep 30 1997	0.100 ppb	-2.303	(* Nondetect *)
Dec 31 1997	0.100 ppb	-2.303	(* Nondetect *)
Feb 11 1998	0.400 ppb	-0.916	
Apr 23 1998	0.400 ppb	-0.916	
Jul 21 1998	0.200 ppb	-1.609	
Oct 26 1998	0.500 ppb	-0.693	
Mar 11 1999	0.400 ppb	-0.916	
May 26 1999	0.100 ppb	-2.303	(* Nondetect *)
Jul 20 1999	0.200 ppb	-1.609	
Nov 04 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 10 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 11 1999	0.300 ppb	-1.204	
Dec 12 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 13 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 14 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 15 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 16 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 67

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.700 ppb	Ln Maximum:	-0.357
Mean:	0.196 ppb	Ln Mean:	-1.878
Std. Dev.:	0.165 ppb	Ln Std. Dev.:	0.659

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	2.120 ppb	0.751

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	2.120 ppb	Ln Minimum:	0.751
Maximum:	2.120 ppb	Ln Maximum:	0.751
Mean:	2.120 ppb	Ln Mean:	0.751
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.100 ppb	-2.303 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	3.800 ppb	1.335

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	3.800 ppb	Ln Minimum:	1.335
Maximum:	3.800 ppb	Ln Maximum:	1.335
Mean:	3.800 ppb	Ln Mean:	1.335
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303

Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Beryllium, total(CAS Number:7440-41-7)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 0.700 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W7B

Sample Date	Observation
12/17/99	2.120 ppb *

Well:5W9A

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5WC21

Sample Date	Observation
12/17/99	3.800 ppb *

Well:5WC22

Sample Date	Observation
12/17/99	ND<0.200 ppb

Nonparametric Prediction Interval

Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Beryllium, total(CAS Number:7440-41-7)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.700 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<0.200 ppb

Data Set Summary

Report Printed: 02-16-2002 12:46

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Cd Cadmium, total

CAS Number: 7440-43-9
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.300 ppb	-1.204	
Jun 30 1996	0.200 ppb	-1.609	
Sep 30 1996	0.200 ppb	-1.609	
Dec 31 1996	0.100 ppb	-2.303	
Mar 31 1997	0.400 ppb	-0.916	
Jun 30 1997	0.400 ppb	-0.916	
Sep 30 1997	0.400 ppb	-0.916	
Dec 31 1997	0.200 ppb	-1.609	
Feb 11 1998	0.050 ppb	-2.996	(* Nondetect *)
Apr 23 1998	0.050 ppb	-2.996	(* Nondetect *)
Jul 21 1998	0.050 ppb	-2.996	(* Nondetect *)
Oct 26 1998	0.100 ppb	-2.303	
Mar 11 1999	0.200 ppb	-1.609	
May 26 1999	0.050 ppb	-2.996	(* Nondetect *)
Jul 20 1999	0.050 ppb	-2.996	(* Nondetect *)
Nov 04 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 10 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 11 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 12 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 13 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 14 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 15 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 16 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 58

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.400 ppb	Ln Maximum:	-0.916
Mean:	0.133 ppb	Ln Mean:	-2.372
Std. Dev.:	0.125 ppb	Ln Std. Dev.:	0.821

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996

Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Cadmium, total(CAS Number:7440-43-9)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.400 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<0.100 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Cadmium, total(CAS Number:7440-43-9)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.400 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<0.100 ppb

Data Set Summary

Report Printed: 02-16-2002 12:50

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Co Cobalt, total

CAS Number: 7440-48-4
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 1.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Jun 30 1996	2.000 ppb	0.693	
Sep 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1996	1.000 ppb	0.000	
Mar 31 1997	0.500 ppb	-0.693	(* Nondetect *)
Jun 30 1997	7.000 ppb	1.946	
Sep 30 1997	3.000 ppb	1.099	
Dec 31 1997	0.500 ppb	-0.693	(* Nondetect *)
Feb 11 1998	1.000 ppb	0.000	
Apr 23 1998	0.500 ppb	-0.693	(* Nondetect *)
Jul 21 1998	0.500 ppb	-0.693	(* Nondetect *)
Oct 26 1998	2.000 ppb	0.693	
Mar 11 1999	7.000 ppb	1.946	
May 26 1999	1.000 ppb	0.000	
Jul 20 1999	1.000 ppb	0.000	
Nov 04 1999	2.000 ppb	0.693	
Dec 10 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 11 1999	1.000 ppb	0.000	
Dec 12 1999	1.000 ppb	0.000	
Dec 13 1999	1.000 ppb	0.000	
Dec 14 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 15 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 16 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 46

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	7.000 ppb	Ln Maximum:	1.946
Mean:	1.479 ppb	Ln Mean:	-0.023
Std. Dev.:	1.821 ppb	Ln Std. Dev.:	0.821

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	0.500 ppb	-0.693 (* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	6.480 ppb	1.869

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	6.480 ppb	Ln Minimum:	1.869
Maximum:	6.480 ppb	Ln Maximum:	1.869
Mean:	6.480 ppb	Ln Mean:	1.869
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	0.500 ppb	-0.693 (* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	48.000 ppb	3.871

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	48.000 ppb	Ln Minimum:	3.871
Maximum:	48.000 ppb	Ln Maximum:	3.871
Mean:	48.000 ppb	Ln Mean:	3.871
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.500 ppb	-0.693 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	108.000 ppb	4.682

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	108.000 ppb	Ln Minimum:	4.682
Maximum:	108.000 ppb	Ln Maximum:	4.682
Mean:	108.000 ppb	Ln Mean:	4.682
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	7.120 ppb	1.963

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	7.120 ppb	Ln Minimum:	1.963
Maximum:	7.120 ppb	Ln Maximum:	1.963
Mean:	7.120 ppb	Ln Mean:	1.963
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	6.040 ppb	1.798

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	6.040 ppb	Ln Minimum:	1.798
Maximum:	6.040 ppb	Ln Maximum:	1.798
Mean:	6.040 ppb	Ln Mean:	1.798
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	0.500 ppb	-0.693 (* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693

Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Normality Tests

Report Printed: 02-16-2002 12:50

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Co Cobalt, total

CAS Number: 7440-48-4
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 1.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Normality Test on Observations for wells listed below:

Well:5W8B Position:Upgradient Observations:24

Scale	Minimum	Maximum	Mean	Std Dev
Original:	0.500	7.000	1.479	1.821
Log:	-0.693	1.946	-0.023	0.821

Pooled Statistics
Observations: 24

Statistic	Original Scale	Log Scale
Mean:	1.479	-0.023
Std Dev:	1.821	0.821
Skewness:	2.424*	1.163*
Kurtosis:	4.738	0.465
Minimum:	0.500	-0.693
Maximum:	7.000	1.946
CV:	1.231	-35.508

Shapiro-Wilk Statistics

Scale	Test Statistic	5% Critical Value	1% Critical Value
Original:	0.5689*	0.9160	0.8840

Log:	0.7845*	0.9160	0.8840

* Indicates statistically significant evidence of non-normality.
GRIT/STAT Version 5.0

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Cobalt, total(CAS Number:7440-48-4)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 7.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	6.480 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	48.000 ppb *

Well:5W9A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	108.000 ppb *

Well:5WC22

Sample Date	Observation
12/17/99	7.120 ppb *

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Cobalt, total(CAS Number:7440-48-4)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 7.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	6.040 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<1.000 ppb

Data Set Summary

Report Printed: 02-16-2002 12:55

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Cu Copper, total

CAS Number: 7440-50-8
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 1.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Jun 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Sep 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Mar 31 1997	2.000 ppb	0.693	
Jun 30 1997	7.000 ppb	1.946	
Sep 30 1997	1.000 ppb	0.000	
Dec 31 1997	4.000 ppb	1.386	
Feb 11 1998	0.500 ppb	-0.693	(* Nondetect *)
Apr 23 1998	0.500 ppb	-0.693	(* Nondetect *)
Jul 21 1998	0.500 ppb	-0.693	(* Nondetect *)
Oct 26 1998	2.000 ppb	0.693	
Mar 11 1999	18.000 ppb	2.890	
May 26 1999	1.000 ppb	0.000	
Jul 20 1999	0.500 ppb	-0.693	(* Nondetect *)
Nov 04 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 10 1999	5.000 ppb	1.609	
Dec 11 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 12 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 13 1999	2.000 ppb	0.693	
Dec 14 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 15 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 16 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 63

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	18.000 ppb	Ln Maximum:	2.890
Mean:	2.063 ppb	Ln Mean:	-0.020
Std. Dev.:	3.786 ppb	Ln Std. Dev.:	1.049

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	22.400 ppb	3.109

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	22.400 ppb	Ln Minimum:	3.109
Maximum:	22.400 ppb	Ln Maximum:	3.109
Mean:	22.400 ppb	Ln Mean:	3.109
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.500 ppb	-0.693 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	11.000 ppb	2.398

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	11.000 ppb	Ln Minimum:	2.398
Maximum:	11.000 ppb	Ln Maximum:	2.398
Mean:	11.000 ppb	Ln Mean:	2.398
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693

Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Copper, total(CAS Number:7440-50-8)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 18.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	22.400 ppb *

Well:5W9A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	11.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<1.000 ppb

Report Produced by GRITS/STAT 5.01

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Copper, total(CAS Number:7440-50-8)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 18.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<1.000 ppb

Data Set Summary

Report Printed: 02-16-2002 13:07

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Pb Lead, total

CAS Number: 7439-92-1
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 1.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Jun 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Sep 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Mar 31 1997	1.000 ppb	0.000	
Jun 30 1997	5.000 ppb	1.609	
Sep 30 1997	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1997	1.000 ppb	0.000	
Feb 11 1998	0.500 ppb	-0.693	(* Nondetect *)
Apr 23 1998	0.500 ppb	-0.693	(* Nondetect *)
Jul 21 1998	0.500 ppb	-0.693	(* Nondetect *)
Oct 26 1998	0.500 ppb	-0.693	(* Nondetect *)
Mar 11 1999	10.000 ppb	2.303	
May 26 1999	0.500 ppb	-0.693	(* Nondetect *)
Jul 20 1999	0.500 ppb	-0.693	(* Nondetect *)
Nov 04 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 10 1999	2.000 ppb	0.693	
Dec 11 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 12 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 13 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 14 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 15 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 16 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 79

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	10.000 ppb	Ln Maximum:	2.303
Mean:	1.188 ppb	Ln Mean:	-0.357
Std. Dev.:	2.105 ppb	Ln Std. Dev.:	0.792

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	1.130 ppb	0.122

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	1.130 ppb	Ln Minimum:	0.122
Maximum:	1.130 ppb	Ln Maximum:	0.122
Mean:	1.130 ppb	Ln Mean:	0.122
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	0.500 ppb	-0.693 (* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	1.080 ppb	0.077

Well ID:5W7B Summary Statistics

```
    Observations (N):     1
    Nondetects (%ND):  0

         Minimum:       1.080 ppb         Ln Minimum:      0.077
         Maximum:       1.080 ppb         Ln Maximum:      0.077
            Mean:       1.080 ppb            Ln Mean:      0.077
       Std. Dev.:       0.000 ppb       Ln Std. Dev.:      0.000


Well ID:5W9A

    Sample Date  Observation                    Ln
    Dec 17 1999        0.500 ppb            -0.693 (* Nondetect *)

Well ID:5W9A     Summary Statistics

    Observations (N):     1
    Nondetects (%ND):100

         Minimum:       0.500 ppb         Ln Minimum:     -0.693
         Maximum:       0.500 ppb         Ln Maximum:     -0.693
            Mean:       0.500 ppb            Ln Mean:     -0.693
       Std. Dev.:       0.000 ppb       Ln Std. Dev.:      0.000


Well ID:5WC21

    Sample Date  Observation                    Ln
    Dec 17 1999        0.500 ppb            -0.693 (* Nondetect *)

Well ID:5WC21    Summary Statistics

    Observations (N):     1
    Nondetects (%ND):100

         Minimum:       0.500 ppb         Ln Minimum:     -0.693
         Maximum:       0.500 ppb         Ln Maximum:     -0.693
            Mean:       0.500 ppb            Ln Mean:     -0.693
       Std. Dev.:       0.000 ppb       Ln Std. Dev.:      0.000


Well ID:5WC22

    Sample Date  Observation                    Ln
    Dec 17 1999        0.500 ppb            -0.693 (* Nondetect *)

Well ID:5WC22    Summary Statistics

    Observations (N):     1
    Nondetects (%ND):100
```

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693

Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Lead, total(CAS Number:7439-92-1)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 10.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	1.130 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	1.080 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<1.000 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Lead, total(CAS Number:7439-92-1)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 10.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<1.000 ppb

Data Set Summary

Report Printed: 02-16-2002 13:02

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Hg Mercury

CAS Number: 7439-97-6
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.200 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.100 ppb	-2.303	(* Nondetect *)
Jun 30 1996	0.100 ppb	-2.303	(* Nondetect *)
Sep 30 1996	0.100 ppb	-2.303	(* Nondetect *)
Dec 31 1996	0.100 ppb	-2.303	(* Nondetect *)
Mar 31 1997	0.900 ppb	-0.105	
Jun 30 1997	0.200 ppb	-1.609	
Sep 30 1997	0.100 ppb	-2.303	(* Nondetect *)
Dec 31 1997	0.100 ppb	-2.303	(* Nondetect *)
Feb 11 1998	0.100 ppb	-2.303	(* Nondetect *)
Apr 23 1998	0.100 ppb	-2.303	(* Nondetect *)
Jul 21 1998	0.100 ppb	-2.303	(* Nondetect *)
Oct 26 1998	0.100 ppb	-2.303	(* Nondetect *)
Mar 11 1999	0.100 ppb	-2.303	(* Nondetect *)
May 26 1999	0.100 ppb	-2.303	(* Nondetect *)
Jul 20 1999	0.100 ppb	-2.303	(* Nondetect *)
Nov 04 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 10 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 11 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 12 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 13 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 14 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 15 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 16 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 92

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.900 ppb	Ln Maximum:	-0.105
Mean:	0.138 ppb	Ln Mean:	-2.182
Std. Dev.:	0.164 ppb	Ln Std. Dev.:	0.464

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W7B Summary Statistics

```
    Observations (N):      1
    Nondetects (%ND):100

             Minimum:        0.100 ppb          Ln Minimum:        -2.303
             Maximum:        0.100 ppb          Ln Maximum:        -2.303
                Mean:        0.100 ppb             Ln Mean:        -2.303
           Std. Dev.:        0.000 ppb        Ln Std. Dev.:         0.000
```

Well ID:5W9A

```
    Sample Date  Observation                       Ln
    Dec 17 1999        0.100 ppb               -2.303 (* Nondetect *)
```

Well ID:5W9A   Summary Statistics

```
    Observations (N):      1
    Nondetects (%ND):100

             Minimum:        0.100 ppb          Ln Minimum:        -2.303
             Maximum:        0.100 ppb          Ln Maximum:        -2.303
                Mean:        0.100 ppb             Ln Mean:        -2.303
           Std. Dev.:        0.000 ppb        Ln Std. Dev.:         0.000
```

Well ID:5WC21

```
    Sample Date  Observation                       Ln
    Dec 17 1999        0.100 ppb               -2.303 (* Nondetect *)
```

Well ID:5WC21   Summary Statistics

```
    Observations (N):      1
    Nondetects (%ND):100

             Minimum:        0.100 ppb          Ln Minimum:        -2.303
             Maximum:        0.100 ppb          Ln Maximum:        -2.303
                Mean:        0.100 ppb             Ln Mean:        -2.303
           Std. Dev.:        0.000 ppb        Ln Std. Dev.:         0.000
```

Well ID:5WC22

```
    Sample Date  Observation                       Ln
    Dec 17 1999        0.100 ppb               -2.303 (* Nondetect *)
```

Well ID:5WC22   Summary Statistics

```
    Observations (N):      1
    Nondetects (%ND):100
```

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303

Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	0.100 ppb	-2.303 (* Nondetect *)

Well ID:5W10A   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Mercury(CAS Number:7439-97-6)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.900 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<0.200 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Mercury(CAS Number:7439-97-6)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.900 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<0.200 ppb

Data Set Summary

Report Printed: 02-16-2002 13:05

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Ni Nickel, total

CAS Number: 7440-02-0
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 15.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	7.500 ppb	2.015	(* Nondetect *)
Jun 30 1996	16.000 ppb	2.773	
Sep 30 1996	21.000 ppb	3.045	
Dec 31 1996	7.500 ppb	2.015	(* Nondetect *)
Mar 31 1997	17.000 ppb	2.833	
Jun 30 1997	7.500 ppb	2.015	(* Nondetect *)
Sep 30 1997	7.500 ppb	2.015	(* Nondetect *)
Dec 31 1997	7.500 ppb	2.015	(* Nondetect *)
Feb 11 1998	7.500 ppb	2.015	(* Nondetect *)
Apr 23 1998	7.500 ppb	2.015	(* Nondetect *)
Jul 21 1998	7.500 ppb	2.015	(* Nondetect *)
Oct 26 1998	7.500 ppb	2.015	(* Nondetect *)
Mar 11 1999	106.000 ppb	4.663	
May 26 1999	7.500 ppb	2.015	(* Nondetect *)
Jul 20 1999	7.500 ppb	2.015	(* Nondetect *)
Nov 04 1999	7.500 ppb	2.015	(* Nondetect *)
Dec 10 1999	7.500 ppb	2.015	(* Nondetect *)
Dec 11 1999	7.500 ppb	2.015	(* Nondetect *)
Dec 12 1999	7.500 ppb	2.015	(* Nondetect *)
Dec 13 1999	7.500 ppb	2.015	(* Nondetect *)
Dec 14 1999	7.500 ppb	2.015	(* Nondetect *)
Dec 15 1999	7.500 ppb	2.015	(* Nondetect *)
Dec 16 1999	7.500 ppb	2.015	(* Nondetect *)
Dec 17 1999	7.500 ppb	2.015	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 83

Minimum:	7.500 ppb	Ln Minimum:	2.015
Maximum:	106.000 ppb	Ln Maximum:	4.663
Mean:	12.917 ppb	Ln Mean:	2.234
Std. Dev.:	20.155 ppb	Ln Std. Dev.:	0.596

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	7.500 ppb	2.015	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	7.500 ppb	Ln Minimum:	2.015
Maximum:	7.500 ppb	Ln Maximum:	2.015
Mean:	7.500 ppb	Ln Mean:	2.015
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	7.500 ppb	2.015	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	7.500 ppb	Ln Minimum:	2.015
Maximum:	7.500 ppb	Ln Maximum:	2.015
Mean:	7.500 ppb	Ln Mean:	2.015
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	50.500 ppb	3.922

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	50.500 ppb	Ln Minimum:	3.922
Maximum:	50.500 ppb	Ln Maximum:	3.922
Mean:	50.500 ppb	Ln Mean:	3.922
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	7.500 ppb	2.015 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	7.500 ppb	Ln Minimum:	2.015
Maximum:	7.500 ppb	Ln Maximum:	2.015
Mean:	7.500 ppb	Ln Mean:	2.015
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	68.000 ppb	4.220

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	68.000 ppb	Ln Minimum:	4.220
Maximum:	68.000 ppb	Ln Maximum:	4.220
Mean:	68.000 ppb	Ln Mean:	4.220
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	11.600 ppb	2.451

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	11.600 ppb	Ln Minimum:	2.451
Maximum:	11.600 ppb	Ln Maximum:	2.451
Mean:	11.600 ppb	Ln Mean:	2.451
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	11.200 ppb	2.416

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	11.200 ppb	Ln Minimum:	2.416
Maximum:	11.200 ppb	Ln Maximum:	2.416
Mean:	11.200 ppb	Ln Mean:	2.416
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	7.500 ppb	2.015 (* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	7.500 ppb	Ln Minimum:	2.015
Maximum:	7.500 ppb	Ln Maximum:	2.015
Mean:	7.500 ppb	Ln Mean:	2.015
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	7.500 ppb	2.015 (* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	7.500 ppb	Ln Minimum:	2.015
Maximum:	7.500 ppb	Ln Maximum:	2.015

Mean:	7.500 ppb	Ln Mean:	2.015
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	7.500 ppb	2.015	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	7.500 ppb	Ln Minimum:	2.015
Maximum:	7.500 ppb	Ln Maximum:	2.015
Mean:	7.500 ppb	Ln Mean:	2.015
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Nickel, total(CAS Number:7440-02-0)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 106.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<15.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<15.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<15.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	50.500 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<15.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	68.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	11.600 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Nickel, total(CAS Number:7440-02-0)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 106.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	11.200 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<15.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<15.000 ppb

Data Set Summary

Report Printed: 02-16-2002 13:12

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Se Selenium, total

CAS Number: 7782-49-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 1.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Jun 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Sep 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Mar 31 1997	0.500 ppb	-0.693	(* Nondetect *)
Jun 30 1997	0.500 ppb	-0.693	(* Nondetect *)
Sep 30 1997	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1997	0.500 ppb	-0.693	(* Nondetect *)
Feb 11 1998	0.500 ppb	-0.693	(* Nondetect *)
Apr 23 1998	0.500 ppb	-0.693	(* Nondetect *)
Jul 21 1998	0.500 ppb	-0.693	(* Nondetect *)
Oct 26 1998	0.500 ppb	-0.693	(* Nondetect *)
Mar 11 1999	0.500 ppb	-0.693	(* Nondetect *)
May 26 1999	0.500 ppb	-0.693	(* Nondetect *)
Jul 20 1999	0.500 ppb	-0.693	(* Nondetect *)
Nov 04 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 10 1999	8.000 ppb	2.079	
Dec 11 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 12 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 13 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 14 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 15 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 16 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 96

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	8.000 ppb	Ln Maximum:	2.079
Mean:	0.813 ppb	Ln Mean:	-0.578
Std. Dev.:	1.531 ppb	Ln Std. Dev.:	0.566

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693

Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W10A   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Selenium, total(CAS Number:7782-49-2)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 8.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<1.000 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Selenium, total(CAS Number:7782-49-2)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 8.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<1.000 ppb

Data Set Summary

Report Printed: 02-16-2002 12:36

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Ag Silver, total

CAS Number: 7440-22-4
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.200 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.100 ppb	-2.303	(* Nondetect *)
Jun 30 1996	0.100 ppb	-2.303	(* Nondetect *)
Sep 30 1996	0.100 ppb	-2.303	(* Nondetect *)
Dec 31 1996	1.300 ppb	0.262	
Mar 31 1997	0.100 ppb	-2.303	(* Nondetect *)
Jun 30 1997	0.100 ppb	-2.303	(* Nondetect *)
Sep 30 1997	0.100 ppb	-2.303	(* Nondetect *)
Dec 31 1997	0.100 ppb	-2.303	(* Nondetect *)
Feb 11 1998	0.100 ppb	-2.303	(* Nondetect *)
Apr 23 1998	0.100 ppb	-2.303	(* Nondetect *)
Jul 21 1998	0.100 ppb	-2.303	(* Nondetect *)
Oct 26 1998	0.100 ppb	-2.303	(* Nondetect *)
Mar 11 1999	2.300 ppb	0.833	
May 26 1999	0.100 ppb	-2.303	(* Nondetect *)
Jul 20 1999	0.100 ppb	-2.303	(* Nondetect *)
Nov 04 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 10 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 11 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 12 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 13 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 14 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 15 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 16 1999	0.100 ppb	-2.303	(* Nondetect *)
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 92

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	2.300 ppb	Ln Maximum:	0.833
Mean:	0.242 ppb	Ln Mean:	-2.065
Std. Dev.:	0.502 ppb	Ln Std. Dev.:	0.809

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303

Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.100 ppb	-2.303	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.100 ppb	Ln Minimum:	-2.303
Maximum:	0.100 ppb	Ln Maximum:	-2.303
Mean:	0.100 ppb	Ln Mean:	-2.303
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval

Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Silver, total(CAS Number:7440-22-4)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 2.300 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<0.200 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Silver, total(CAS Number:7440-22-4)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 2.300 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<0.200 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<0.200 ppb

Data Set Summary

Report Printed: 02-16-2002 13:23

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Tl Thallium, total

CAS Number: 7440-28-0
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 1.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Jun 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Sep 30 1996	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1996	0.500 ppb	-0.693	(* Nondetect *)
Mar 31 1997	2.000 ppb	0.693	
Jun 30 1997	1.000 ppb	0.000	
Sep 30 1997	0.500 ppb	-0.693	(* Nondetect *)
Dec 31 1997	0.500 ppb	-0.693	(* Nondetect *)
Feb 11 1998	0.500 ppb	-0.693	(* Nondetect *)
Apr 23 1998	0.500 ppb	-0.693	(* Nondetect *)
Jul 21 1998	0.500 ppb	-0.693	(* Nondetect *)
Oct 26 1998	0.500 ppb	-0.693	(* Nondetect *)
Mar 11 1999	0.500 ppb	-0.693	(* Nondetect *)
May 26 1999	0.500 ppb	-0.693	(* Nondetect *)
Jul 20 1999	0.500 ppb	-0.693	(* Nondetect *)
Nov 04 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 10 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 11 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 12 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 13 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 14 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 15 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 16 1999	0.500 ppb	-0.693	(* Nondetect *)
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 92

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	0.583 ppb	Ln Mean:	-0.607
Std. Dev.:	0.319 ppb	Ln Std. Dev.:	0.311

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W7B Summary Statistics

```
    Observations (N):     1
    Nondetects (%ND):100

          Minimum:         0.500 ppb          Ln Minimum:        -0.693
          Maximum:         0.500 ppb          Ln Maximum:        -0.693
             Mean:         0.500 ppb             Ln Mean:        -0.693
        Std. Dev.:         0.000 ppb        Ln Std. Dev.:         0.000


Well ID:5W9A

    Sample Date  Observation                         Ln
    Dec 17 1999        0.500 ppb               -0.693 (* Nondetect *)

Well ID:5W9A     Summary Statistics

    Observations (N):     1
    Nondetects (%ND):100

          Minimum:         0.500 ppb          Ln Minimum:        -0.693
          Maximum:         0.500 ppb          Ln Maximum:        -0.693
             Mean:         0.500 ppb             Ln Mean:        -0.693
        Std. Dev.:         0.000 ppb        Ln Std. Dev.:         0.000


Well ID:5WC21

    Sample Date  Observation                         Ln
    Dec 17 1999        0.500 ppb               -0.693 (* Nondetect *)

Well ID:5WC21    Summary Statistics

    Observations (N):     1
    Nondetects (%ND):100

          Minimum:         0.500 ppb          Ln Minimum:        -0.693
          Maximum:         0.500 ppb          Ln Maximum:        -0.693
             Mean:         0.500 ppb             Ln Mean:        -0.693
        Std. Dev.:         0.000 ppb        Ln Std. Dev.:         0.000


Well ID:5WC22

    Sample Date  Observation                         Ln
    Dec 17 1999        0.500 ppb               -0.693 (* Nondetect *)

Well ID:5WC22    Summary Statistics

    Observations (N):     1
    Nondetects (%ND):100
```

```
        Minimum:       0.500 ppb        Ln Minimum:      -0.693
        Maximum:       0.500 ppb        Ln Maximum:      -0.693
           Mean:       0.500 ppb           Ln Mean:      -0.693
      Std. Dev.:       0.000 ppb      Ln Std. Dev.:       0.000


Well ID:5WC23

    Sample Date  Observation                    Ln
    Dec 17 1999        0.500 ppb             -0.693 (* Nondetect *)

Well ID:5WC23    Summary Statistics

    Observations (N):      1
    Nondetects (%ND):100

        Minimum:       0.500 ppb        Ln Minimum:      -0.693
        Maximum:       0.500 ppb        Ln Maximum:      -0.693
           Mean:       0.500 ppb           Ln Mean:      -0.693
      Std. Dev.:       0.000 ppb      Ln Std. Dev.:       0.000


Well ID:S5W5

    Sample Date  Observation                    Ln
    Dec 17 1999        0.500 ppb             -0.693 (* Nondetect *)

Well ID:S5W5     Summary Statistics

    Observations (N):      1
    Nondetects (%ND):100

        Minimum:       0.500 ppb        Ln Minimum:      -0.693
        Maximum:       0.500 ppb        Ln Maximum:      -0.693
           Mean:       0.500 ppb           Ln Mean:      -0.693
      Std. Dev.:       0.000 ppb      Ln Std. Dev.:       0.000


Well ID:S5W7

    Sample Date  Observation                    Ln
    Dec 17 1999        0.500 ppb             -0.693 (* Nondetect *)

Well ID:S5W7     Summary Statistics

    Observations (N):      1
    Nondetects (%ND):100

        Minimum:       0.500 ppb        Ln Minimum:      -0.693
        Maximum:       0.500 ppb        Ln Maximum:      -0.693
```

Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.500 ppb	-0.693	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.500 ppb	Ln Minimum:	-0.693
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.500 ppb	Ln Mean:	-0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Thallium, total(CAS Number:7440-28-0)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 2.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<1.000 ppb

Report Produced by GRITS/STAT 5.01

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Thallium, total(CAS Number:7440-28-0)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 2.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<1.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<1.000 ppb

Data Set Summary

Report Printed: 02-16-2002 13:30

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Va Vanadium

CAS Number: 7440-62-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 4.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	2.000 ppb	0.693	(* Nondetect *)
Jun 30 1996	2.000 ppb	0.693	(* Nondetect *)
Sep 30 1996	7.000 ppb	1.946	
Dec 31 1996	2.000 ppb	0.693	(* Nondetect *)
Mar 31 1997	17.000 ppb	2.833	
Jun 30 1997	10.000 ppb	2.303	
Sep 30 1997	8.000 ppb	2.079	
Dec 31 1997	2.000 ppb	0.693	(* Nondetect *)
Feb 11 1998	2.000 ppb	0.693	(* Nondetect *)
Apr 23 1998	2.000 ppb	0.693	(* Nondetect *)
Jul 21 1998	2.000 ppb	0.693	(* Nondetect *)
Oct 26 1998	2.000 ppb	0.693	(* Nondetect *)
Mar 11 1999	8.000 ppb	2.079	
May 26 1999	2.000 ppb	0.693	(* Nondetect *)
Jul 20 1999	2.000 ppb	0.693	(* Nondetect *)
Nov 04 1999	2.000 ppb	0.693	(* Nondetect *)
Dec 10 1999	2.000 ppb	0.693	(* Nondetect *)
Dec 11 1999	2.000 ppb	0.693	(* Nondetect *)
Dec 12 1999	2.000 ppb	0.693	(* Nondetect *)
Dec 13 1999	2.000 ppb	0.693	(* Nondetect *)
Dec 14 1999	2.000 ppb	0.693	(* Nondetect *)
Dec 15 1999	2.000 ppb	0.693	(* Nondetect *)
Dec 16 1999	2.000 ppb	0.693	(* Nondetect *)
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 79

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	17.000 ppb	Ln Maximum:	2.833
Mean:	3.667 ppb	Ln Mean:	1.017
Std. Dev.:	3.726 ppb	Ln Std. Dev.:	0.662

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	2.000 ppb	0.693	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693

Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	2.000 ppb	0.693 (* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.000 ppb	Ln Minimum:	0.693
Maximum:	2.000 ppb	Ln Maximum:	0.693
Mean:	2.000 ppb	Ln Mean:	0.693
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Vanadium(CAS Number:7440-62-2)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 17.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<4.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<4.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<4.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<4.000 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<4.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<4.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<4.000 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Vanadium(CAS Number:7440-62-2)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 17.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<4.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<4.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<4.000 ppb

Data Set Summary

Report Printed: 02-16-2002 13:33

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Zn Zinc, total

CAS Number: 7440-66-6
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 5.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	2.500 ppb	0.916	(* Nondetect *)
Jun 30 1996	2.500 ppb	0.916	(* Nondetect *)
Sep 30 1996	2.500 ppb	0.916	(* Nondetect *)
Dec 31 1996	2.500 ppb	0.916	(* Nondetect *)
Mar 31 1997	26.000 ppb	3.258	
Jun 30 1997	75.000 ppb	4.317	
Sep 30 1997	18.000 ppb	2.890	
Dec 31 1997	41.000 ppb	3.714	
Feb 11 1998	2.500 ppb	0.916	(* Nondetect *)
Apr 23 1998	6.000 ppb	1.792	
Jul 21 1998	10.000 ppb	2.303	
Oct 26 1998	20.000 ppb	2.996	
Mar 11 1999	58.000 ppb	4.060	
May 26 1999	6.000 ppb	1.792	
Jul 20 1999	2.500 ppb	0.916	(* Nondetect *)
Nov 04 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 10 1999	54.000 ppb	3.989	
Dec 11 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 12 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 13 1999	8.000 ppb	2.079	
Dec 14 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 15 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 16 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 54

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	75.000 ppb	Ln Maximum:	4.317
Mean:	14.771 ppb	Ln Mean:	1.879
Std. Dev.:	20.921 ppb	Ln Std. Dev.:	1.233

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	90.200 ppb	4.502

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	90.200 ppb	Ln Minimum:	4.502
Maximum:	90.200 ppb	Ln Maximum:	4.502
Mean:	90.200 ppb	Ln Mean:	4.502
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	59.800 ppb	4.091

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	59.800 ppb	Ln Minimum:	4.091
Maximum:	59.800 ppb	Ln Maximum:	4.091
Mean:	59.800 ppb	Ln Mean:	4.091
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916

Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Zinc, total(CAS Number:7440-66-6)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 75.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	90.200 ppb *

Well:5W9A

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	59.800 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<5.000 ppb

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Zinc, total(CAS Number:7440-66-6)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 75.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<5.000 ppb

Data Set Summary

Report Printed: 02-16-2002 12:30

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:2,4-DNT 2,4-Dinitrotoluene

CAS Number: 121-14-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.080 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.040 ppb	-3.219	(* Nondetect *)
Jun 30 1996	0.180 ppb	-1.715	
Sep 30 1996	0.040 ppb	-3.219	(* Nondetect *)
Dec 31 1996	0.040 ppb	-3.219	(* Nondetect *)
Mar 31 1997	0.040 ppb	-3.219	(* Nondetect *)
Jun 30 1997	0.040 ppb	-3.219	(* Nondetect *)
Sep 30 1997	0.040 ppb	-3.219	(* Nondetect *)
Dec 31 1997	0.040 ppb	-3.219	(* Nondetect *)
Feb 11 1998	0.040 ppb	-3.219	(* Nondetect *)
Apr 23 1998	0.040 ppb	-3.219	(* Nondetect *)
Jul 21 1998	0.040 ppb	-3.219	(* Nondetect *)
Oct 26 1998	0.040 ppb	-3.219	(* Nondetect *)
Mar 11 1999	0.040 ppb	-3.219	(* Nondetect *)
May 26 1999	0.040 ppb	-3.219	(* Nondetect *)
Jul 20 1999	0.040 ppb	-3.219	(* Nondetect *)
Nov 04 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 10 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 11 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 12 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 13 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 14 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 15 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 16 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 96

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.180 ppb	Ln Maximum:	-1.715
Mean:	0.046 ppb	Ln Mean:	-3.156
Std. Dev.:	0.029 ppb	Ln Std. Dev.:	0.307

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219

Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:2,4-Dinitrotoluene(CAS Number:121-14-2)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.180 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<0.080 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<0.080 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<0.080 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<0.080 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<0.080 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<0.080 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<0.080 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:2,4-Dinitrotoluene(CAS Number:121-14-2)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 0.180 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<0.080 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<0.080 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<0.080 ppb

Data Set Summary

Report Printed: 02-16-2002 12:32

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:2,6-DNT 2,6-Dinitrotoluene

CAS Number: 606-20-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.080 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.040 ppb	-3.219	(* Nondetect *)
Jun 30 1996	0.040 ppb	-3.219	(* Nondetect *)
Sep 30 1996	0.040 ppb	-3.219	(* Nondetect *)
Dec 31 1996	0.040 ppb	-3.219	(* Nondetect *)
Mar 31 1997	0.040 ppb	-3.219	(* Nondetect *)
Jun 30 1997	0.040 ppb	-3.219	(* Nondetect *)
Sep 30 1997	0.040 ppb	-3.219	(* Nondetect *)
Dec 31 1997	0.040 ppb	-3.219	(* Nondetect *)
Feb 11 1998	0.040 ppb	-3.219	(* Nondetect *)
Apr 23 1998	0.040 ppb	-3.219	(* Nondetect *)
Jul 21 1998	0.040 ppb	-3.219	(* Nondetect *)
Oct 26 1998	0.040 ppb	-3.219	(* Nondetect *)
Mar 11 1999	0.040 ppb	-3.219	(* Nondetect *)
May 26 1999	0.040 ppb	-3.219	(* Nondetect *)
Jul 20 1999	0.040 ppb	-3.219	(* Nondetect *)
Nov 04 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 10 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 11 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 12 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 13 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 14 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 15 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 16 1999	0.040 ppb	-3.219	(* Nondetect *)
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219

Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.040 ppb	-3.219	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.040 ppb	Ln Minimum:	-3.219
Maximum:	0.040 ppb	Ln Maximum:	-3.219
Mean:	0.040 ppb	Ln Mean:	-3.219
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 12:35

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Acetone Acetone

CAS Number: 67-64-1
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 10.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	5.000 ppb	1.609	(* Nondetect *)
Jun 30 1996	5.000 ppb	1.609	(* Nondetect *)
Sep 30 1996	5.000 ppb	1.609	(* Nondetect *)
Dec 31 1996	5.000 ppb	1.609	(* Nondetect *)
Mar 31 1997	5.000 ppb	1.609	(* Nondetect *)
Jun 30 1997	5.000 ppb	1.609	(* Nondetect *)
Sep 30 1997	5.000 ppb	1.609	(* Nondetect *)
Dec 31 1997	5.000 ppb	1.609	(* Nondetect *)
Feb 11 1998	5.000 ppb	1.609	(* Nondetect *)
Apr 23 1998	5.000 ppb	1.609	(* Nondetect *)
Jul 21 1998	5.000 ppb	1.609	(* Nondetect *)
Oct 26 1998	5.000 ppb	1.609	(* Nondetect *)
Mar 11 1999	89.000 ppb	4.489	
May 26 1999	5.000 ppb	1.609	(* Nondetect *)
Jul 20 1999	5.000 ppb	1.609	(* Nondetect *)
Nov 04 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 10 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 11 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 12 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 13 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 14 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 15 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 16 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 96

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	89.000 ppb	Ln Maximum:	4.489
Mean:	8.500 ppb	Ln Mean:	1.729
Std. Dev.:	17.146 ppb	Ln Std. Dev.:	0.588

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609

Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Acetone(CAS Number:67-64-1)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 89.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<10.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<10.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<10.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<10.000 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<10.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<10.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<10.000 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Acetone(CAS Number:67-64-1)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 89.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<10.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<10.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<10.000 ppb

Data Set Summary

Report Printed: 02-16-2002 12:43

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Benzene Benzene

CAS Number: 71-43-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Mar 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Feb 11 1998	0.050 ppb	-2.996	(* Nondetect *)
Apr 23 1998	0.050 ppb	-2.996	(* Nondetect *)
Jul 21 1998	0.050 ppb	-2.996	(* Nondetect *)
Oct 26 1998	0.050 ppb	-2.996	(* Nondetect *)
Mar 11 1999	0.050 ppb	-2.996	(* Nondetect *)
May 26 1999	0.050 ppb	-2.996	(* Nondetect *)
Jul 20 1999	0.050 ppb	-2.996	(* Nondetect *)
Nov 04 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 10 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 11 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 12 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 13 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 14 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 15 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 16 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996

Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 12:44

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:BiEHPhth bis (2-Ethylhexyl) Phthalate

CAS Number: 117-81-7
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 10.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	5.000 ppb	1.609	(* Nondetect *)
Jun 30 1996	5.000 ppb	1.609	(* Nondetect *)
Sep 30 1996	5.000 ppb	1.609	(* Nondetect *)
Dec 31 1996	5.000 ppb	1.609	(* Nondetect *)
Mar 31 1997	5.000 ppb	1.609	(* Nondetect *)
Jun 30 1997	5.000 ppb	1.609	(* Nondetect *)
Sep 30 1997	5.000 ppb	1.609	(* Nondetect *)
Dec 31 1997	5.000 ppb	1.609	(* Nondetect *)
Feb 11 1998	5.000 ppb	1.609	(* Nondetect *)
Apr 23 1998	5.000 ppb	1.609	(* Nondetect *)
Jul 21 1998	5.000 ppb	1.609	(* Nondetect *)
Oct 26 1998	5.000 ppb	1.609	(* Nondetect *)
Mar 11 1999	5.000 ppb	1.609	(* Nondetect *)
May 26 1999	5.000 ppb	1.609	(* Nondetect *)
Jul 20 1999	5.000 ppb	1.609	(* Nondetect *)
Nov 04 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 10 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 11 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 12 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 13 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 14 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 15 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 16 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5W8B   Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5W10A   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	271.000 ppb	5.602

Well ID:5W11A   Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	271.000 ppb	Ln Minimum:	5.602
Maximum:	271.000 ppb	Ln Maximum:	5.602
Mean:	271.000 ppb	Ln Mean:	5.602
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5W5B   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609

Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 12:48

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Chlorofm Chloroform

CAS Number: 67-66-3
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.300 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.150 ppb	-1.897	(* Nondetect *)
Jun 30 1996	0.150 ppb	-1.897	(* Nondetect *)
Sep 30 1996	0.150 ppb	-1.897	(* Nondetect *)
Dec 31 1996	0.200 ppb	-1.609	
Mar 31 1997	0.200 ppb	-1.609	
Jun 30 1997	0.150 ppb	-1.897	(* Nondetect *)
Sep 30 1997	0.150 ppb	-1.897	(* Nondetect *)
Dec 31 1997	0.150 ppb	-1.897	(* Nondetect *)
Feb 11 1998	0.500 ppb	-0.693	
Apr 23 1998	0.150 ppb	-1.897	(* Nondetect *)
Jul 21 1998	0.150 ppb	-1.897	(* Nondetect *)
Oct 26 1998	0.150 ppb	-1.897	(* Nondetect *)
Mar 11 1999	0.150 ppb	-1.897	(* Nondetect *)
May 26 1999	0.150 ppb	-1.897	(* Nondetect *)
Jul 20 1999	0.150 ppb	-1.897	(* Nondetect *)
Nov 04 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 10 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 11 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 12 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 13 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 14 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 15 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 16 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 88

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.500 ppb	Ln Maximum:	-0.693
Mean:	0.169 ppb	Ln Mean:	-1.823
Std. Dev.:	0.072 ppb	Ln Std. Dev.:	0.254

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	3.000 ppb	1.099

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	3.000 ppb	Ln Minimum:	1.099
Maximum:	3.000 ppb	Ln Maximum:	1.099
Mean:	3.000 ppb	Ln Mean:	1.099
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	0.150 ppb	-1.897 (* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.150 ppb	-1.897 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	0.150 ppb	-1.897 (* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897

Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	0.150 ppb	-1.897 (* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Chloroform(CAS Number:67-66-3)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.500 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<0.300 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<0.300 ppb

Well:5W5B

Sample Date	Observation
12/17/99	3.000 ppb *

Well:5W7B

Sample Date	Observation
12/17/99	ND<0.300 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<0.300 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<0.300 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<0.300 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Chloroform(CAS Number:67-66-3)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.500 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<0.300 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<0.300 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<0.300 ppb

Data Set Summary

Report Printed: 02-16-2002 12:47

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:ChlMeth Chloromethane

CAS Number: 74-87-3
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.300 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.150 ppb	-1.897	(* Nondetect *)
Jun 30 1996	0.150 ppb	-1.897	(* Nondetect *)
Sep 30 1996	0.150 ppb	-1.897	(* Nondetect *)
Dec 31 1996	0.150 ppb	-1.897	(* Nondetect *)
Mar 31 1997	0.150 ppb	-1.897	(* Nondetect *)
Jun 30 1997	0.150 ppb	-1.897	(* Nondetect *)
Sep 30 1997	0.150 ppb	-1.897	(* Nondetect *)
Dec 31 1997	0.150 ppb	-1.897	(* Nondetect *)
Feb 11 1998	0.150 ppb	-1.897	(* Nondetect *)
Apr 23 1998	0.150 ppb	-1.897	(* Nondetect *)
Jul 21 1998	0.150 ppb	-1.897	(* Nondetect *)
Oct 26 1998	0.150 ppb	-1.897	(* Nondetect *)
Mar 11 1999	0.150 ppb	-1.897	(* Nondetect *)
May 26 1999	0.150 ppb	-1.897	(* Nondetect *)
Jul 20 1999	0.150 ppb	-1.897	(* Nondetect *)
Nov 04 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 10 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 11 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 12 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 13 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 14 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 15 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 16 1999	0.150 ppb	-1.897	(* Nondetect *)
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5W8B   Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	0.150 ppb	-1.897 (* Nondetect *)

Well ID:5W10A   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	0.150 ppb	-1.897 (* Nondetect *)

Well ID:5W11A   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	0.150 ppb	-1.897 (* Nondetect *)

Well ID:5W5B   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897

Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.150 ppb	-1.897	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.150 ppb	Ln Minimum:	-1.897
Maximum:	0.150 ppb	Ln Maximum:	-1.897
Mean:	0.150 ppb	Ln Mean:	-1.897
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 13:01

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Di-N-Bu Di-n-Butylphthalate

CAS Number: 84-74-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 5.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1997	2.500 ppb	0.916	(* Nondetect *)
Jun 30 1997	2.500 ppb	0.916	(* Nondetect *)
Sep 30 1997	2.500 ppb	0.916	(* Nondetect *)
Dec 31 1997	2.500 ppb	0.916	(* Nondetect *)
Feb 11 1998	2.500 ppb	0.916	(* Nondetect *)
Apr 23 1998	2.500 ppb	0.916	(* Nondetect *)
Jul 21 1998	2.500 ppb	0.916	(* Nondetect *)
Oct 26 1998	2.500 ppb	0.916	(* Nondetect *)
Mar 11 1999	2.500 ppb	0.916	(* Nondetect *)
May 26 1999	2.500 ppb	0.916	(* Nondetect *)
Jul 20 1999	2.500 ppb	0.916	(* Nondetect *)
Nov 04 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 10 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 11 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 12 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 13 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 14 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 15 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 16 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 20
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916

Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 12:28

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:1,2DCE 1,2-Dichloroethane

CAS Number: 107-06-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Mar 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Feb 11 1998	0.050 ppb	-2.996	(* Nondetect *)
Apr 23 1998	0.050 ppb	-2.996	(* Nondetect *)
Jul 21 1998	0.050 ppb	-2.996	(* Nondetect *)
Oct 26 1998	0.050 ppb	-2.996	(* Nondetect *)
Mar 11 1999	0.050 ppb	-2.996	(* Nondetect *)
May 26 1999	0.050 ppb	-2.996	(* Nondetect *)
Jul 20 1999	0.050 ppb	-2.996	(* Nondetect *)
Nov 04 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 10 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 11 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 12 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 13 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 14 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 15 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 16 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W7B   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W9A   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC21   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996

Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 13:27

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:TranDCEE trans-1,2-Dichloroethene

CAS Number: 156-60-5
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Mar 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Feb 11 1998	0.050 ppb	-2.996	(* Nondetect *)
Apr 23 1998	0.050 ppb	-2.996	(* Nondetect *)
Jul 21 1998	0.050 ppb	-2.996	(* Nondetect *)
Oct 26 1998	0.050 ppb	-2.996	(* Nondetect *)
Mar 11 1999	0.050 ppb	-2.996	(* Nondetect *)
May 26 1999	0.050 ppb	-2.996	(* Nondetect *)
Jul 20 1999	0.050 ppb	-2.996	(* Nondetect *)
Nov 04 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 10 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 11 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 12 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 13 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 14 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 15 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 16 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W8B   Summary Statistics

Observations (N):   24
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W11A   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W5B   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W7B   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996

Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 13:04

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:MeCl Dichloromethane (Methylene chloride)

CAS Number: 75-09-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.700 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.350 ppb	-1.050	(* Nondetect *)
Jun 30 1996	0.350 ppb	-1.050	(* Nondetect *)
Sep 30 1996	0.350 ppb	-1.050	(* Nondetect *)
Dec 31 1996	0.350 ppb	-1.050	(* Nondetect *)
Mar 31 1997	0.350 ppb	-1.050	(* Nondetect *)
Jun 30 1997	0.350 ppb	-1.050	(* Nondetect *)
Sep 30 1997	0.350 ppb	-1.050	(* Nondetect *)
Dec 31 1997	0.350 ppb	-1.050	(* Nondetect *)
Feb 11 1998	0.350 ppb	-1.050	(* Nondetect *)
Apr 23 1998	0.350 ppb	-1.050	(* Nondetect *)
Jul 21 1998	0.350 ppb	-1.050	(* Nondetect *)
Oct 26 1998	0.350 ppb	-1.050	(* Nondetect *)
Mar 11 1999	0.350 ppb	-1.050	(* Nondetect *)
May 26 1999	0.350 ppb	-1.050	(* Nondetect *)
Jul 20 1999	0.350 ppb	-1.050	(* Nondetect *)
Nov 04 1999	0.350 ppb	-1.050	(* Nondetect *)
Dec 10 1999	0.350 ppb	-1.050	(* Nondetect *)
Dec 11 1999	0.350 ppb	-1.050	(* Nondetect *)
Dec 12 1999	0.350 ppb	-1.050	(* Nondetect *)
Dec 13 1999	0.350 ppb	-1.050	(* Nondetect *)
Dec 14 1999	0.350 ppb	-1.050	(* Nondetect *)
Dec 15 1999	0.350 ppb	-1.050	(* Nondetect *)
Dec 16 1999	0.350 ppb	-1.050	(* Nondetect *)
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:5W8B   Summary Statistics

Observations (N):   24
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:5W11A   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:5W5B   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:5W7B   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050

Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.350 ppb	-1.050	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.350 ppb	Ln Minimum:	-1.050
Maximum:	0.350 ppb	Ln Maximum:	-1.050
Mean:	0.350 ppb	Ln Mean:	-1.050
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 12:56

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:DEthPhth Diethylphthalate

CAS Number: 84-66-2
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 5.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	2.500 ppb	0.916	(* Nondetect *)
Jun 30 1996	2.500 ppb	0.916	(* Nondetect *)
Sep 30 1996	2.500 ppb	0.916	(* Nondetect *)
Dec 31 1996	2.500 ppb	0.916	(* Nondetect *)
Mar 31 1997	2.500 ppb	0.916	(* Nondetect *)
Jun 30 1997	2.500 ppb	0.916	(* Nondetect *)
Sep 30 1997	2.500 ppb	0.916	(* Nondetect *)
Dec 31 1997	2.500 ppb	0.916	(* Nondetect *)
Feb 11 1998	2.500 ppb	0.916	(* Nondetect *)
Apr 23 1998	2.500 ppb	0.916	(* Nondetect *)
Jul 21 1998	2.500 ppb	0.916	(* Nondetect *)
Oct 26 1998	2.500 ppb	0.916	(* Nondetect *)
Mar 11 1999	2.500 ppb	0.916	(* Nondetect *)
May 26 1999	2.500 ppb	0.916	(* Nondetect *)
Jul 20 1999	2.500 ppb	0.916	(* Nondetect *)
Nov 04 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 10 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 11 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 12 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 13 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 14 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 15 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 16 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916

Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 12:57

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:DPA Diphenylamine

CAS Number: 122-39-4
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 10.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	5.000 ppb	1.609	(* Nondetect *)
Jun 30 1996	5.000 ppb	1.609	(* Nondetect *)
Sep 30 1996	5.000 ppb	1.609	(* Nondetect *)
Dec 31 1996	5.000 ppb	1.609	(* Nondetect *)
Mar 31 1997	5.000 ppb	1.609	(* Nondetect *)
Jun 30 1997	5.000 ppb	1.609	(* Nondetect *)
Sep 30 1997	5.000 ppb	1.609	(* Nondetect *)
Dec 31 1997	5.000 ppb	1.609	(* Nondetect *)
Feb 11 1998	5.000 ppb	1.609	(* Nondetect *)
Apr 23 1998	5.000 ppb	1.609	(* Nondetect *)
Jul 21 1998	5.000 ppb	1.609	(* Nondetect *)
Oct 26 1998	5.000 ppb	1.609	(* Nondetect *)
Mar 11 1999	5.000 ppb	1.609	(* Nondetect *)
May 26 1999	5.000 ppb	1.609	(* Nondetect *)
Jul 20 1999	5.000 ppb	1.609	(* Nondetect *)
Nov 04 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 10 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 11 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 12 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 13 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 14 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 15 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 16 1999	5.000 ppb	1.609	(* Nondetect *)
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	5.000 ppb	1.609	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609

Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	5.000 ppb	1.609 (* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	5.000 ppb	Ln Minimum:	1.609
Maximum:	5.000 ppb	Ln Maximum:	1.609
Mean:	5.000 ppb	Ln Mean:	1.609
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 12:33

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:2Butanon 2-Butanone (Methyl ethyl ketone)

CAS Number: 78-93-3
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 1.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.550 ppb	-0.598	(* Nondetect *)
Jun 30 1996	0.550 ppb	-0.598	(* Nondetect *)
Sep 30 1996	0.550 ppb	-0.598	(* Nondetect *)
Dec 31 1996	0.550 ppb	-0.598	(* Nondetect *)
Mar 31 1997	0.550 ppb	-0.598	(* Nondetect *)
Jun 30 1997	0.550 ppb	-0.598	(* Nondetect *)
Sep 30 1997	0.550 ppb	-0.598	(* Nondetect *)
Dec 31 1997	0.550 ppb	-0.598	(* Nondetect *)
Feb 11 1998	0.550 ppb	-0.598	(* Nondetect *)
Apr 23 1998	0.550 ppb	-0.598	(* Nondetect *)
Jul 21 1998	0.550 ppb	-0.598	(* Nondetect *)
Oct 26 1998	0.550 ppb	-0.598	(* Nondetect *)
Mar 11 1999	21.300 ppb	3.059	
May 26 1999	0.550 ppb	-0.598	(* Nondetect *)
Jul 20 1999	0.550 ppb	-0.598	(* Nondetect *)
Nov 04 1999	0.550 ppb	-0.598	(* Nondetect *)
Dec 10 1999	0.550 ppb	-0.598	(* Nondetect *)
Dec 11 1999	0.550 ppb	-0.598	(* Nondetect *)
Dec 12 1999	0.550 ppb	-0.598	(* Nondetect *)
Dec 13 1999	0.550 ppb	-0.598	(* Nondetect *)
Dec 14 1999	0.550 ppb	-0.598	(* Nondetect *)
Dec 15 1999	0.550 ppb	-0.598	(* Nondetect *)
Dec 16 1999	0.550 ppb	-0.598	(* Nondetect *)
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 96

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	21.300 ppb	Ln Maximum:	3.059
Mean:	1.415 ppb	Ln Mean:	-0.445
Std. Dev.:	4.236 ppb	Ln Std. Dev.:	0.746

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598
Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598
Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598
Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598
Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598
Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598
Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598
Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598
Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598

Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.550 ppb	-0.598	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.550 ppb	Ln Minimum:	-0.598
Maximum:	0.550 ppb	Ln Maximum:	-0.598
Mean:	0.550 ppb	Ln Mean:	-0.598
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:2-Butanone (Methyl ethyl ketone)(CAS Number:78-93-3)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 21.300 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<1.100 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<1.100 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<1.100 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<1.100 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<1.100 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<1.100 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<1.100 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:2-Butanone (Methyl ethyl ketone)(CAS Number:78-93-3)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 21.300 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<1.100 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<1.100 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<1.100 ppb

Data Set Summary

Report Printed: 02-16-2002 13:22

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:TetCEthy Tetrachloroethene (-ethylene)

CAS Number: 127-18-4
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Mar 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Feb 11 1998	0.050 ppb	-2.996	(* Nondetect *)
Apr 23 1998	0.050 ppb	-2.996	(* Nondetect *)
Jul 21 1998	0.050 ppb	-2.996	(* Nondetect *)
Oct 26 1998	0.050 ppb	-2.996	(* Nondetect *)
Mar 11 1999	0.050 ppb	-2.996	(* Nondetect *)
May 26 1999	0.050 ppb	-2.996	(* Nondetect *)
Jul 20 1999	0.050 ppb	-2.996	(* Nondetect *)
Nov 04 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 10 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 11 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 12 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 13 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 14 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 15 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 16 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996

Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 13:25

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Toluen Toluene

CAS Number: 108-88-3
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Mar 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Feb 11 1998	0.050 ppb	-2.996	(* Nondetect *)
Apr 23 1998	0.050 ppb	-2.996	(* Nondetect *)
Jul 21 1998	0.050 ppb	-2.996	(* Nondetect *)
Oct 26 1998	0.050 ppb	-2.996	(* Nondetect *)
Mar 11 1999	0.050 ppb	-2.996	(* Nondetect *)
May 26 1999	0.050 ppb	-2.996	(* Nondetect *)
Jul 20 1999	0.050 ppb	-2.996	(* Nondetect *)
Nov 04 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 10 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 11 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 12 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 13 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 14 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 15 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 16 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996

Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 12:27

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:1,1,2Tri 1,1,2-Trichloroethane

CAS Number: 79-00-5
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.500 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.250 ppb	-1.386	(* Nondetect *)
Jun 30 1996	0.250 ppb	-1.386	(* Nondetect *)
Sep 30 1996	0.250 ppb	-1.386	(* Nondetect *)
Dec 31 1996	0.250 ppb	-1.386	(* Nondetect *)
Mar 31 1997	0.250 ppb	-1.386	(* Nondetect *)
Jun 30 1997	0.250 ppb	-1.386	(* Nondetect *)
Sep 30 1997	0.250 ppb	-1.386	(* Nondetect *)
Dec 31 1997	0.250 ppb	-1.386	(* Nondetect *)
Feb 11 1998	0.250 ppb	-1.386	(* Nondetect *)
Apr 23 1998	0.250 ppb	-1.386	(* Nondetect *)
Jul 21 1998	0.250 ppb	-1.386	(* Nondetect *)
Oct 26 1998	0.250 ppb	-1.386	(* Nondetect *)
Mar 11 1999	0.250 ppb	-1.386	(* Nondetect *)
May 26 1999	0.250 ppb	-1.386	(* Nondetect *)
Jul 20 1999	0.250 ppb	-1.386	(* Nondetect *)
Nov 04 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 10 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 11 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 12 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 13 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 14 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 15 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 16 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	0.250 ppb	-1.386 (* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	0.250 ppb	-1.386 (* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	0.250 ppb	-1.386 (* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	0.250 ppb	-1.386 (* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	0.250 ppb	-1.386 (* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	0.250 ppb	-1.386 (* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386

Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 13:14

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:TCE Trichloroethene (-ethylene)

CAS Number: 79-01-6
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Mar 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1997	0.300 ppb	-1.204	
Sep 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1997	0.800 ppb	-0.223	
Feb 11 1998	0.050 ppb	-2.996	(* Nondetect *)
Apr 23 1998	0.050 ppb	-2.996	(* Nondetect *)
Jul 21 1998	0.050 ppb	-2.996	(* Nondetect *)
Oct 26 1998	0.050 ppb	-2.996	(* Nondetect *)
Mar 11 1999	0.050 ppb	-2.996	(* Nondetect *)
May 26 1999	0.050 ppb	-2.996	(* Nondetect *)
Jul 20 1999	0.050 ppb	-2.996	(* Nondetect *)
Nov 04 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 10 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 11 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 12 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 13 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 14 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 15 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 16 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND): 92

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.800 ppb	Ln Maximum:	-0.223
Mean:	0.092 ppb	Ln Mean:	-2.806
Std. Dev.:	0.159 ppb	Ln Std. Dev.:	0.660

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	9.910 ppb	2.294

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	9.910 ppb	Ln Minimum:	2.294
Maximum:	9.910 ppb	Ln Maximum:	2.294
Mean:	9.910 ppb	Ln Mean:	2.294
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	19.200 ppb	2.955

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	19.200 ppb	Ln Minimum:	2.955
Maximum:	19.200 ppb	Ln Maximum:	2.955
Mean:	19.200 ppb	Ln Mean:	2.955
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	7.780 ppb	2.052

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	7.780 ppb	Ln Minimum:	2.052
Maximum:	7.780 ppb	Ln Maximum:	2.052
Mean:	7.780 ppb	Ln Mean:	2.052
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	7.830 ppb	2.058

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	7.830 ppb	Ln Minimum:	2.058
Maximum:	7.830 ppb	Ln Maximum:	2.058
Mean:	7.830 ppb	Ln Mean:	2.058
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996

Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Trichloroethene (-ethylene)(CAS Number:79-01-6)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.800 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5W5B

Sample Date	Observation
12/17/99	9.910 ppb *

Well:5W7B

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:5WC21

Sample Date	Observation
12/17/99	19.200 ppb *

Well:5WC22

Sample Date	Observation
12/17/99	7.780 ppb *

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Trichloroethene (-ethylene)(CAS Number:79-01-6)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 0.800 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	7.830 ppb *

Well:S5W5

Sample Date	Observation
12/17/99	ND<0.100 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<0.100 ppb

Data Set Summary

Report Printed: 02-16-2002 13:15

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:TClFlMe Trichlorofluoromethane

CAS Number: 75-69-4
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.500 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.250 ppb	-1.386	(* Nondetect *)
Jun 30 1996	0.250 ppb	-1.386	(* Nondetect *)
Sep 30 1996	0.250 ppb	-1.386	(* Nondetect *)
Dec 31 1996	0.250 ppb	-1.386	(* Nondetect *)
Mar 31 1997	0.250 ppb	-1.386	(* Nondetect *)
Jun 30 1997	0.250 ppb	-1.386	(* Nondetect *)
Sep 30 1997	0.250 ppb	-1.386	(* Nondetect *)
Dec 31 1997	0.250 ppb	-1.386	(* Nondetect *)
Feb 11 1998	0.250 ppb	-1.386	(* Nondetect *)
Apr 23 1998	0.250 ppb	-1.386	(* Nondetect *)
Jul 21 1998	0.250 ppb	-1.386	(* Nondetect *)
Oct 26 1998	0.250 ppb	-1.386	(* Nondetect *)
Mar 11 1999	0.250 ppb	-1.386	(* Nondetect *)
May 26 1999	0.250 ppb	-1.386	(* Nondetect *)
Jul 20 1999	0.250 ppb	-1.386	(* Nondetect *)
Nov 04 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 10 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 11 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 12 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 13 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 14 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 15 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 16 1999	0.250 ppb	-1.386	(* Nondetect *)
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

```
Well ID:5W8B     Summary Statistics

    Observations (N):     24
    Nondetects (%ND):100

             Minimum:        0.250 ppb          Ln Minimum:       -1.386
             Maximum:        0.250 ppb          Ln Maximum:       -1.386
                Mean:        0.250 ppb             Ln Mean:       -1.386
           Std. Dev.:        0.000 ppb        Ln Std. Dev.:        0.000


Well ID:5W11A


    Sample Date  Observation                     Ln
    Dec 17 1999        0.250 ppb             -1.386 (* Nondetect *)


Well ID:5W11A    Summary Statistics

    Observations (N):      1
    Nondetects (%ND):100

             Minimum:        0.250 ppb          Ln Minimum:       -1.386
             Maximum:        0.250 ppb          Ln Maximum:       -1.386
                Mean:        0.250 ppb             Ln Mean:       -1.386
           Std. Dev.:        0.000 ppb        Ln Std. Dev.:        0.000


Well ID:5W5B


    Sample Date  Observation                     Ln
    Dec 17 1999        0.250 ppb             -1.386 (* Nondetect *)


Well ID:5W5B     Summary Statistics

    Observations (N):      1
    Nondetects (%ND):100

             Minimum:        0.250 ppb          Ln Minimum:       -1.386
             Maximum:        0.250 ppb          Ln Maximum:       -1.386
                Mean:        0.250 ppb             Ln Mean:       -1.386
           Std. Dev.:        0.000 ppb        Ln Std. Dev.:        0.000


Well ID:5W7B


    Sample Date  Observation                     Ln
    Dec 17 1999        0.250 ppb             -1.386 (* Nondetect *)


Well ID:5W7B     Summary Statistics
```

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386

Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.250 ppb	-1.386	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.250 ppb	Ln Minimum:	-1.386
Maximum:	0.250 ppb	Ln Maximum:	-1.386
Mean:	0.250 ppb	Ln Mean:	-1.386
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 13:29

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:VC Vinyl chloride

CAS Number: 75-01-4
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Mar 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Feb 11 1998	0.050 ppb	-2.996	(* Nondetect *)
Apr 23 1998	0.050 ppb	-2.996	(* Nondetect *)
Jul 21 1998	0.050 ppb	-2.996	(* Nondetect *)
Oct 26 1998	0.050 ppb	-2.996	(* Nondetect *)
Mar 11 1999	0.050 ppb	-2.996	(* Nondetect *)
May 26 1999	0.050 ppb	-2.996	(* Nondetect *)
Jul 20 1999	0.050 ppb	-2.996	(* Nondetect *)
Nov 04 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 10 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 11 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 12 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 13 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 14 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 15 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 16 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W8B Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W7B Summary Statistics

```
    Observations (N):      1
    Nondetects (%ND):100

             Minimum:        0.050 ppb           Ln Minimum:        -2.996
             Maximum:        0.050 ppb           Ln Maximum:        -2.996
                Mean:        0.050 ppb              Ln Mean:        -2.996
           Std. Dev.:        0.000 ppb         Ln Std. Dev.:         0.000


Well ID:5W9A

    Sample Date  Observation                     Ln
    Dec 17 1999        0.050 ppb             -2.996 (* Nondetect *)

Well ID:5W9A      Summary Statistics

    Observations (N):      1
    Nondetects (%ND):100

             Minimum:        0.050 ppb           Ln Minimum:        -2.996
             Maximum:        0.050 ppb           Ln Maximum:        -2.996
                Mean:        0.050 ppb              Ln Mean:        -2.996
           Std. Dev.:        0.000 ppb         Ln Std. Dev.:         0.000


Well ID:5WC21

    Sample Date  Observation                     Ln
    Dec 17 1999        0.050 ppb             -2.996 (* Nondetect *)

Well ID:5WC21     Summary Statistics

    Observations (N):      1
    Nondetects (%ND):100

             Minimum:        0.050 ppb           Ln Minimum:        -2.996
             Maximum:        0.050 ppb           Ln Maximum:        -2.996
                Mean:        0.050 ppb              Ln Mean:        -2.996
           Std. Dev.:        0.000 ppb         Ln Std. Dev.:         0.000


Well ID:5WC22

    Sample Date  Observation                     Ln
    Dec 17 1999        0.050 ppb             -2.996 (* Nondetect *)

Well ID:5WC22     Summary Statistics

    Observations (N):      1
    Nondetects (%ND):100
```

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996

Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 13:33

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Xylene Xylene

CAS Number: 1330-20-7
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 0.100 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1996	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1996	0.050 ppb	-2.996	(* Nondetect *)
Mar 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Jun 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Sep 30 1997	0.050 ppb	-2.996	(* Nondetect *)
Dec 31 1997	0.050 ppb	-2.996	(* Nondetect *)
Feb 11 1998	0.050 ppb	-2.996	(* Nondetect *)
Apr 23 1998	0.050 ppb	-2.996	(* Nondetect *)
Jul 21 1998	0.050 ppb	-2.996	(* Nondetect *)
Oct 26 1998	0.050 ppb	-2.996	(* Nondetect *)
Mar 11 1999	0.050 ppb	-2.996	(* Nondetect *)
May 26 1999	0.050 ppb	-2.996	(* Nondetect *)
Jul 20 1999	0.050 ppb	-2.996	(* Nondetect *)
Nov 04 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 10 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 11 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 12 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 13 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 14 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 15 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 16 1999	0.050 ppb	-2.996	(* Nondetect *)
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W8B   Summary Statistics

Observations (N): 24
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W11A   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W5B   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	0.050 ppb	-2.996 (* Nondetect *)

Well ID:5W7B   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996

Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	0.050 ppb	-2.996	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	0.050 ppb	Ln Minimum:	-2.996
Maximum:	0.050 ppb	Ln Maximum:	-2.996
Mean:	0.050 ppb	Ln Mean:	-2.996
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Data Set Summary

Report Printed: 02-16-2002 13:18

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:TOC Total Organic Carbon

CAS Number: - -
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 1000.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	500.000 ppb	6.215	(* Nondetect *)
Jun 30 1996	2000.000 ppb	7.601	
Sep 30 1996	500.000 ppb	6.215	(* Nondetect *)
Dec 31 1996	500.000 ppb	6.215	(* Nondetect *)
Mar 31 1997	500.000 ppb	6.215	(* Nondetect *)
Jun 30 1997	500.000 ppb	6.215	(* Nondetect *)
Sep 30 1997	500.000 ppb	6.215	(* Nondetect *)
Dec 31 1997	500.000 ppb	6.215	(* Nondetect *)
Feb 11 1998	1100.000 ppb	7.003	
Apr 23 1998	1125.000 ppb	7.026	
Jul 21 1998	500.000 ppb	6.215	(* Nondetect *)
Oct 26 1998	500.000 ppb	6.215	(* Nondetect *)
Mar 11 1999	253000.000 ppb	12.441	
May 26 1999	500.000 ppb	6.215	(* Nondetect *)
Jul 20 1999	500.000 ppb	6.215	(* Nondetect *)
Nov 04 1999	500.000 ppb	6.215	(* Nondetect *)
Dec 10 1999	500.000 ppb	6.215	(* Nondetect *)
Dec 11 1999	500.000 ppb	6.215	(* Nondetect *)
Dec 12 1999	500.000 ppb	6.215	(* Nondetect *)
Dec 13 1999	500.000 ppb	6.215	(* Nondetect *)
Dec 14 1999	500.000 ppb	6.215	(* Nondetect *)
Dec 15 1999	1375.000 ppb	7.226	
Dec 16 1999	500.000 ppb	6.215	(* Nondetect *)
Dec 17 1999	500.000 ppb	6.215	(* Nondetect *)

Well ID:5W8B   Summary Statistics

Observations (N):   24
Nondetects (%ND): 79

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	253000.000 ppb	Ln Maximum:	12.441
Mean:	11170.833 ppb	Ln Mean:	6.641
Std. Dev.:	51510.754 ppb	Ln Std. Dev.:	1.296

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	1200.000 ppb	7.090

Well ID:5W11A   Summary Statistics

Observations (N):   1
Nondetects (%ND): 0

Minimum:	1200.000 ppb	Ln Minimum:	7.090
Maximum:	1200.000 ppb	Ln Maximum:	7.090
Mean:	1200.000 ppb	Ln Mean:	7.090
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	500.000 ppb	6.215 (* Nondetect *)

Well ID:5W5B   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	500.000 ppb	Ln Maximum:	6.215
Mean:	500.000 ppb	Ln Mean:	6.215
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	500.000 ppb	6.215 (* Nondetect *)

Well ID:5W7B   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	500.000 ppb	Ln Maximum:	6.215
Mean:	500.000 ppb	Ln Mean:	6.215
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	500.000 ppb	6.215 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	500.000 ppb	Ln Maximum:	6.215
Mean:	500.000 ppb	Ln Mean:	6.215
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	500.000 ppb	6.215 (* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	500.000 ppb	Ln Maximum:	6.215
Mean:	500.000 ppb	Ln Mean:	6.215
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	500.000 ppb	6.215 (* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	500.000 ppb	Ln Maximum:	6.215
Mean:	500.000 ppb	Ln Mean:	6.215
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln	
Dec 17 1999	500.000 ppb	6.215	(* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	500.000 ppb	Ln Maximum:	6.215
Mean:	500.000 ppb	Ln Mean:	6.215
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln	
Dec 17 1999	500.000 ppb	6.215	(* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	500.000 ppb	Ln Maximum:	6.215
Mean:	500.000 ppb	Ln Mean:	6.215
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln	
Dec 17 1999	500.000 ppb	6.215	(* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	500.000 ppb	Ln Maximum:	6.215

Mean:	500.000 ppb	Ln Mean:	6.215
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	500.000 ppb	6.215 (* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	500.000 ppb	Ln Minimum:	6.215
Maximum:	500.000 ppb	Ln Maximum:	6.215
Mean:	500.000 ppb	Ln Mean:	6.215
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval

Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Total Organic Carbon(CAS Number:- -)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 253000.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<1000.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	1200.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<1000.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<1000.000 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<1000.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<1000.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<1000.000 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Total Organic Carbon(CAS Number:- -)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level ($1-\alpha$): 96.000%

UL: 253000.000 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<1000.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<1000.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<1000.000 ppb

Data Set Summary

Report Printed: 02-16-2002 13:20

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:TOX Total Organic Halogens, Halides

CAS Number: - -
MCL: 0.000 ppb
ACL: 0.000 ppb
Detect Limit: 5.000 ppb

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln	
Mar 31 1996	2.500 ppb	0.916	(* Nondetect *)
Jun 30 1996	2.500 ppb	0.916	(* Nondetect *)
Sep 30 1996	12.500 ppb	2.526	
Dec 31 1996	2.500 ppb	0.916	(* Nondetect *)
Mar 31 1997	5.125 ppb	1.634	
Jun 30 1997	5.000 ppb	1.609	
Sep 30 1997	9.500 ppb	2.251	
Dec 31 1997	12.250 ppb	2.506	
Feb 11 1998	13.400 ppb	2.595	
Apr 23 1998	7.000 ppb	1.946	
Jul 21 1998	2.500 ppb	0.916	(* Nondetect *)
Oct 26 1998	2.500 ppb	0.916	(* Nondetect *)
Mar 11 1999	2.500 ppb	0.916	(* Nondetect *)
May 26 1999	8.000 ppb	2.079	
Jul 20 1999	2.500 ppb	0.916	(* Nondetect *)
Nov 04 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 10 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 11 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 12 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 13 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 14 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 15 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 16 1999	2.500 ppb	0.916	(* Nondetect *)
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W8B   Summary Statistics

Observations (N):   24
Nondetects (%ND): 67

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	13.400 ppb	Ln Maximum:	2.595
Mean:	4.699 ppb	Ln Mean:	1.325
Std. Dev.:	3.674 ppb	Ln Std. Dev.:	0.629

Well ID:5W11A

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W11A   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W5B   Summary Statistics

Observations (N):   1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W7B   Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	2.500 ppb	0.916 (* Nondetect *)

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916

Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln	
Dec 17 1999	2.500 ppb	0.916	(* Nondetect *)

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND):100

Minimum:	2.500 ppb	Ln Minimum:	0.916
Maximum:	2.500 ppb	Ln Maximum:	0.916
Mean:	2.500 ppb	Ln Mean:	0.916
Std. Dev.:	0.000 ppb	Ln Std. Dev.:	0.000

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Total Organic Halogens, Halides(CAS Number:-   -)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 13.400 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5W11A

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5W5B

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5W7B

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5W9A

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5WC21

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:5WC22

Sample Date	Observation
12/17/99	ND<5.000 ppb

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Total Organic Halogens, Halides(CAS Number:-   -)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 24
Conf. Level (1-α): 96.000%

UL: 13.400 ppb
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:S5W5

Sample Date	Observation
12/17/99	ND<5.000 ppb

Well:S5W7

Sample Date	Observation
12/17/99	ND<5.000 ppb

Data Set Summary

Report Printed: 02-16-2002 12:52

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Cond F Specific Conductivity, Field

CAS Number: - -
MCL: 0.000 umhos/cm
ACL: 0.000 umhos/cm
Detect Limit: 1.000 umhos/cm

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln
Jun 30 1997	70.000 umhos/cm	4.248
Sep 30 1997	67.500 umhos/cm	4.212
Dec 31 1997	75.000 umhos/cm	4.317
Feb 11 1998	78.000 umhos/cm	4.357
Apr 23 1998	78.000 umhos/cm	4.357
Jul 21 1998	78.000 umhos/cm	4.357
Oct 26 1998	450.000 umhos/cm	6.109
Mar 11 1999	240.000 umhos/cm	5.481
May 26 1999	580.000 umhos/cm	6.363
Jul 20 1999	76.000 umhos/cm	4.331
Nov 04 1999	73.000 umhos/cm	4.290
Dec 10 1999	55.750 umhos/cm	4.021
Dec 11 1999	56.000 umhos/cm	4.025
Dec 12 1999	50.500 umhos/cm	3.922
Dec 13 1999	51.250 umhos/cm	3.937
Dec 14 1999	63.000 umhos/cm	4.143
Dec 15 1999	65.000 umhos/cm	4.174
Dec 16 1999	66.000 umhos/cm	4.190
Dec 17 1999	64.000 umhos/cm	4.159

Well ID:5W8B Summary Statistics

Observations (N): 19

Nondetects (%ND): 0

Minimum:	50.500 umhos/cm	Ln Minimum:	3.922
Maximum:	580.000 umhos/cm	Ln Maximum:	6.363
Mean:	123.000 umhos/cm	Ln Mean:	4.473
Std. Dev.:	145.593 umhos/cm	Ln Std. Dev.:	0.702

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	377.000 umhos/cm	5.932

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	377.000 umhos/cm	Ln Minimum:	5.932
Maximum:	377.000 umhos/cm	Ln Maximum:	5.932
Mean:	377.000 umhos/cm	Ln Mean:	5.932
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	694.000 umhos/cm	6.542

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	694.000 umhos/cm	Ln Minimum:	6.542
Maximum:	694.000 umhos/cm	Ln Maximum:	6.542
Mean:	694.000 umhos/cm	Ln Mean:	6.542
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	502.000 umhos/cm	6.219

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	502.000 umhos/cm	Ln Minimum:	6.219

Maximum:	502.000 umhos/cm	Ln Maximum:	6.219
Mean:	502.000 umhos/cm	Ln Mean:	6.219
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	807.000 umhos/cm	6.693

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	807.000 umhos/cm	Ln Minimum:	6.693
Maximum:	807.000 umhos/cm	Ln Maximum:	6.693
Mean:	807.000 umhos/cm	Ln Mean:	6.693
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	609.000 umhos/cm	6.412

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	609.000 umhos/cm	Ln Minimum:	6.412
Maximum:	609.000 umhos/cm	Ln Maximum:	6.412
Mean:	609.000 umhos/cm	Ln Mean:	6.412
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	1127.000 umhos/cm	7.027

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	1127.000 umhos/cm	Ln Minimum:	7.027
Maximum:	1127.000 umhos/cm	Ln Maximum:	7.027
Mean:	1127.000 umhos/cm	Ln Mean:	7.027
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	1175.000 umhos/cm	7.069

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	1175.000 umhos/cm	Ln Minimum:	7.069
Maximum:	1175.000 umhos/cm	Ln Maximum:	7.069
Mean:	1175.000 umhos/cm	Ln Mean:	7.069
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	1209.000 umhos/cm	7.098

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	1209.000 umhos/cm	Ln Minimum:	7.098
Maximum:	1209.000 umhos/cm	Ln Maximum:	7.098
Mean:	1209.000 umhos/cm	Ln Mean:	7.098
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	550.000 umhos/cm	6.310

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	550.000 umhos/cm	Ln Minimum:	6.310
Maximum:	550.000 umhos/cm	Ln Maximum:	6.310
Mean:	550.000 umhos/cm	Ln Mean:	6.310
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	454.000 umhos/cm	6.118

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	454.000 umhos/cm	Ln Minimum:	6.118
Maximum:	454.000 umhos/cm	Ln Maximum:	6.118
Mean:	454.000 umhos/cm	Ln Mean:	6.118
Std. Dev.:	0.000 umhos/cm	Ln Std. Dev.:	0.000

Normality Tests

Report Printed: 02-16-2002 12:53

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:Cond F Specific Conductivity, Field

CAS Number: - -
MCL: 0.000 umhos/cm
ACL: 0.000 umhos/cm
Detect Limit: 1.000 umhos/cm

Start Date:Mar 31 1996
End Date:Dec 17 1999

Normality Test on Observations for wells listed below:

Well:5W8B Position:Upgradient Observations:19

Scale	Minimum	Maximum	Mean	Std Dev
Original:	50.500	580.000	123.000	145.593
Log:	3.922	6.363	4.473	0.702

Pooled Statistics
Observations: 19

Statistic	Original Scale	Log Scale
Mean:	123.000	4.473
Std Dev:	145.593	0.702
Skewness:	2.384*	1.893*
Kurtosis:	4.234	2.126
Minimum:	50.500	3.922
Maximum:	580.000	6.363
CV:	1.184	0.157

Shapiro-Wilk Statistics

Scale	Test Statistic	5% Critical Value	1% Critical Value
Original:	0.5101*	0.9010	0.8630

Log:	0.6506*	0.9010	0.8630

* Indicates statistically significant evidence of non-normality.
GRIT/STAT Version 5.0

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Specific Conductivity, Field(CAS Number:- -)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 19
Conf. Level (1-α): 95.000%

UL: 580.000 umhos/cm
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	377.000 umhos/cm

Well:5W11A

Sample Date	Observation
12/17/99	694.000 umhos/cm *

Well:5W5B

Sample Date	Observation
12/17/99	502.000 umhos/cm

Well:5W7B

Sample Date	Observation
12/17/99	807.000 umhos/cm *

Well:5W9A

Sample Date	Observation
12/17/99	609.000 umhos/cm *

Well:5WC21

Sample Date	Observation
12/17/99	1127.000 umhos/cm *

Well:5WC22

Sample Date	Observation
12/17/99	1175.000 umhos/cm *

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:Specific Conductivity, Field(CAS Number:-   -)

ONE-TAILED UPPER PARAMETRIC PREDICTION INTERVAL

Observations (n): 19
Conf. Level ($1-\alpha$): 95.000%

UL: 580.000 umhos/cm
LL: 0.000

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	1209.000 umhos/cm *

Well:S5W5

Sample Date	Observation
12/17/99	550.000 umhos/cm

Well:S5W7

Sample Date	Observation
12/17/99	454.000 umhos/cm

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:pH, Field(CAS Number:- -)

TWO-TAILED PARAMETRIC PREDICTION INTERVAL

Observations (n): 19
Conf. Level (1-α): 90.000%

UL: 6.410 SU
LL: 4.120 SU

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5W10A

Sample Date	Observation
12/17/99	7.460 SU *

Well:5W11A

Sample Date	Observation
12/17/99	6.340 SU

Well:5W5B

Sample Date	Observation
12/17/99	5.170 SU

Well:5W7B

Sample Date	Observation
12/17/99	3.240 SU *

Well:5W9A

Sample Date	Observation
12/17/99	7.080 SU *

Well:5WC21

Sample Date	Observation
12/17/99	3.290 SU *

Well:5WC22

Sample Date	Observation
12/17/99	6.410 SU

Nonparametric Prediction Interval
Report Printed February 16,2002

Facility:Haz. Waste Unit 5 - RAAP
Parameter:pH, Field(CAS Number:- -)

TWO-TAILED PARAMETRIC PREDICTION INTERVAL

Observations (n): 19
Conf. Level (1-α): 90.000%

UL: 6.410 SU
LL: 4.120 SU

BACKGROUND TO COMPLIANCE WELL COMPARISON

Well:5WC23

Sample Date	Observation
12/17/99	6.490 SU *

Well:S5W5

Sample Date	Observation
12/17/99	6.090 SU

Well:S5W7

Sample Date	Observation
12/17/99	6.790 SU *

Data Set Summary

Report Printed: 02-16-2002 13:35

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:pH F pH, Field

CAS Number: - -
MCL: 0.000 SU
ACL: 0.000 SU
Detect Limit: 0.100 SU

Start Date:Mar 31 1996
End Date:Dec 17 1999

Well ID:5W8B

Sample Date	Observation	Ln
Jun 30 1997	5.700 SU	1.740
Sep 30 1997	5.000 SU	1.609
Dec 31 1997	5.000 SU	1.609
Feb 11 1998	5.000 SU	1.609
Apr 23 1998	4.500 SU	1.504
Jul 21 1998	4.700 SU	1.548
Oct 26 1998	4.700 SU	1.548
Mar 11 1999	6.410 SU	1.858
May 26 1999	4.840 SU	1.577
Jul 20 1999	5.080 SU	1.625
Nov 04 1999	6.260 SU	1.834
Dec 10 1999	4.860 SU	1.581
Dec 11 1999	4.550 SU	1.515
Dec 12 1999	4.390 SU	1.479
Dec 13 1999	5.510 SU	1.707
Dec 14 1999	4.340 SU	1.468
Dec 15 1999	4.290 SU	1.456
Dec 16 1999	4.120 SU	1.416
Dec 17 1999	4.390 SU	1.479

Well ID:5W8B Summary Statistics

Observations (N): 19

Nondetects (%ND): 0

Minimum:	4.120 SU	Ln Minimum:	1.416
Maximum:	6.410 SU	Ln Maximum:	1.858
Mean:	4.928 SU	Ln Mean:	1.588
Std. Dev.:	0.640 SU	Ln Std. Dev.:	0.123

Well ID:5W11A

Sample Date	Observation	Ln
Dec 17 1999	6.340 SU	1.847

Well ID:5W11A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	6.340 SU	Ln Minimum:	1.847
Maximum:	6.340 SU	Ln Maximum:	1.847
Mean:	6.340 SU	Ln Mean:	1.847
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Well ID:5W5B

Sample Date	Observation	Ln
Dec 17 1999	5.170 SU	1.643

Well ID:5W5B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	5.170 SU	Ln Minimum:	1.643
Maximum:	5.170 SU	Ln Maximum:	1.643
Mean:	5.170 SU	Ln Mean:	1.643
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Well ID:5W7B

Sample Date	Observation	Ln
Dec 17 1999	3.240 SU	1.176

Well ID:5W7B Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	3.240 SU	Ln Minimum:	1.176

Maximum:	3.240 SU	Ln Maximum:	1.176
Mean:	3.240 SU	Ln Mean:	1.176
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Well ID:5W9A

Sample Date	Observation	Ln
Dec 17 1999	7.080 SU	1.957

Well ID:5W9A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	7.080 SU	Ln Minimum:	1.957
Maximum:	7.080 SU	Ln Maximum:	1.957
Mean:	7.080 SU	Ln Mean:	1.957
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Well ID:5WC21

Sample Date	Observation	Ln
Dec 17 1999	3.290 SU	1.191

Well ID:5WC21 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	3.290 SU	Ln Minimum:	1.191
Maximum:	3.290 SU	Ln Maximum:	1.191
Mean:	3.290 SU	Ln Mean:	1.191
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Well ID:5WC22

Sample Date	Observation	Ln
Dec 17 1999	6.410 SU	1.858

Well ID:5WC22 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	6.410 SU	Ln Minimum:	1.858
Maximum:	6.410 SU	Ln Maximum:	1.858
Mean:	6.410 SU	Ln Mean:	1.858
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Well ID:5WC23

Sample Date	Observation	Ln
Dec 17 1999	6.490 SU	1.870

Well ID:5WC23 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	6.490 SU	Ln Minimum:	1.870
Maximum:	6.490 SU	Ln Maximum:	1.870
Mean:	6.490 SU	Ln Mean:	1.870
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Well ID:S5W5

Sample Date	Observation	Ln
Dec 17 1999	6.090 SU	1.807

Well ID:S5W5 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	6.090 SU	Ln Minimum:	1.807
Maximum:	6.090 SU	Ln Maximum:	1.807
Mean:	6.090 SU	Ln Mean:	1.807
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Well ID:S5W7

Sample Date	Observation	Ln
Dec 17 1999	6.790 SU	1.915

Well ID:S5W7 Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	6.790 SU	Ln Minimum:	1.915
Maximum:	6.790 SU	Ln Maximum:	1.915
Mean:	6.790 SU	Ln Mean:	1.915
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Well ID:5W10A

Sample Date	Observation	Ln
Dec 17 1999	7.460 SU	2.010

Well ID:5W10A Summary Statistics

Observations (N): 1
Nondetects (%ND): 0

Minimum:	7.460 SU	Ln Minimum:	2.010
Maximum:	7.460 SU	Ln Maximum:	2.010
Mean:	7.460 SU	Ln Mean:	2.010
Std. Dev.:	0.000 SU	Ln Std. Dev.:	0.000

Normality Tests

Report Printed: 02-16-2002 13:35

Facility:RAAPHWMU5 Haz. Waste Unit 5 - RAAP

Address:

City:Radford ST:VA Zip:
County:MONTGOMERY

Contact:
Phone:( ) -

Permit Type:Background

Constituent:pH F pH, Field

CAS Number: - -
MCL: 0.000 SU
ACL: 0.000 SU
Detect Limit: 0.100 SU

Start Date:Mar 31 1996
End Date:Dec 17 1999

Normality Test on Observations for wells listed below:

Well:5W8B Position:Upgradient Observations:19

Scale	Minimum	Maximum	Mean	Std Dev
Original:	4.120	6.410	4.928	0.640
Log:	1.416	1.858	1.588	0.123

Pooled Statistics
Observations: 19

Statistic	Original Scale	Log Scale
Mean:	4.928	1.588
Std Dev:	0.640	0.123
Skewness:	1.048*	0.832
Kurtosis:	0.278	-0.093
Minimum:	4.120	1.416
Maximum:	6.410	1.858
CV:	0.130	0.078

Shapiro-Wilk Statistics

Scale	Test Statistic	5% Critical Value	1% Critical Value
Original:	0.8881*	0.9010	0.8630

Log:	0.9193	0.9010	0.8630

* Indicates statistically significant evidence of non-normality.
GRIT/STAT Version 5.0