

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

**ANNUAL GROUNDWATER
MONITORING REPORT**

**HAZARDOUS WASTE MANAGEMENT UNIT 7
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

ANNUAL GROUNDWATER MONITORING REPORT

**HAZARDOUS WASTE MANAGEMENT UNIT 7
CALENDAR YEAR 2001**

**RADFORD ARMY AMMUNITION PLANT
RADFORD, VIRGINIA**

Submitted to:

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Prepared for:

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March 1, 2002
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INTRODUCTION

This document presents the Annual Groundwater Monitoring Report for HWMU-7 for calendar year 2001, which was compiled in accordance with the requirements of the Post-Closure Permit for HWMU-7 dated September 30, 1999. The Annual Groundwater Monitoring Report presents the following set of information for HWMU-7: 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**.

As specified in the Post-Closure Permit, the compliance monitoring network for HWMU-7 consists of eight monitoring wells: one upgradient well (7W12B), three point of compliance wells (7WCA, 7W11, and 7W11B), and four additional sampling wells (7W9C, 7W10B, 7W10C, and 7W13). AAPC has been unable to obtain a sample from well 7W11 for several years due to lack of groundwater in the well. Therefore, AAPC sampled well 7MW6 as an alternate point of compliance well to replace well 7W11.

As stated in the Post-Closure Permit, the Compliance Period during which the Ground Water Protection Standard applies to HWMU-7 is 18 years, beginning on the effective date of the Post-Closure Permit (September 30, 1999). The Compliance Period shall continue until September 30, 2017. This report is the second complete Annual Groundwater Monitoring Report submitted to the VDEQ for this Unit during the Compliance Period.

HWMU-7 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 the requirements of the Post-Closure Permit for HWMU-7 dated September 30, 1999.

A. WASTE MANAGEMENT UNIT INFORMATION

- **UNIT NAME:** Hazardous Waste Management Unit 7 (HWMU-7)
- **OWNER/OPERATOR:** United States Army / Alliant Ammunition and Powder Company, L.L.C.
- **UNIT LOCATION:** Radford AAP Main Plant Area, Radford, Virginia
- **CLASS:** Hazardous Waste Management Unit
- **TYPE:** Closed Holding and Neutralization Basin

B. GROUNDWATER MONITORING PLAN

- **MONITORING NETWORK**
 - **UPGRADIENT WELL:** 7W12B
 - **POINT OF COMPLIANCE WELLS** 7WCA, 7W11B, 7W11 (replaced by 7MW6)
 - **ADDITIONAL SAMPLING WELLS:** 7W9C, 7W10B, 7W10C, 7W13
 - **OBSERVATION WELLS:** 7MW5, 7W9B
(static water level measurements only)
- **MONITORING STATUS:** Compliance Monitoring Program
- **DATA COLLECTION STATUS:**
 - Quarterly Event February 28, 2001
 - Quarterly Event May 23-24, 2001 (Annual 40 CFR 264 Appendix IX monitoring)
 - Quarterly Event July 24-25, 2001
 - Quarterly Event October 30-31, 2001

C. GROUNDWATER MOVEMENT

The monitoring wells at HWMU-7 are screened entirely within either alluvium, weathered carbonate bedrock residuum or carbonate bedrock, or across the interfaces between two of the listed strata. The static water level measurements gathered during the 2001 quarterly

monitoring events are summarized in **Table 1**. Groundwater fluctuations did not appear to exceed 1 to 2 feet annually, although individual wells tapping karst conduits could have experienced dramatic fluctuations following storm events. As shown on the HWMU-7 Potentiometric Surface Maps, groundwater movement beneath the site is generally to the west towards the New River and to the northeast and southwest toward the unnamed intermittent drainages that flow into the New River north and south of the site.

Darcian flow conditions were assumed for the alluvium, residuum, and karst carbonate bedrock beneath HWMU-7. 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 the Fourth Quarter 2001 groundwater elevations was calculated to be 0.020 ft/ft. Historical slug test data for the site yielded an average hydraulic conductivity of 5.1×10^{-6} 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 2.20×10^{-2} ft/day or 8.0 ft/year, based on the following:

- an average hydraulic conductivity of 5.1×10^{-6} ft/second;
- an average hydraulic gradient of 0.020 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

The analytical results for each Year 2001 quarterly event are summarized in **Table 2** along with the groundwater protection standards. The groundwater samples collected from the compliance monitoring network during the Year 2001 quarterly monitoring events were analyzed for the constituents listed in Attachment 10 of the Post-Closure Permit. In accordance with Part V Section H of the Post-Closure Permit, a non-statistical point comparison was used to compare the groundwater monitoring data for each quarter with the groundwater protection standards specified in Permit Attachment 14. The results of the non-statistical point comparison indicated that the concentrations of constituents detected during each Year 2001 quarterly monitoring event were all below their respective groundwater protection standards. As stipulated under Part

V Section H of the Post-Closure Permit and Section 7.2 of Permit Attachment 12, the non-statistical point comparison method was selected due to the fact that all of the groundwater protection standards specified in Permit Attachment 14 are based on fixed standards rather than background monitoring data.

In accordance with the requirements of Part V Section J.2 of the Post-Closure Permit, the established background values and the computations used to determine the background values are included in **Appendix B**. The background values and associated computations are taken from the Groundwater Quality Assessment Report for HWMU-7 prepared by Environmental Resources Management dated August 24, 1998.

E. ADDITIONAL ISSUES

During the Second Quarter 2000 monitoring event (May 1, 2000), three constituents listed in Appendix IX of 40 CFR 264 (beryllium, cobalt, and copper) were detected in the samples collected from point of compliance wells 7WCA and 7W11B. These three constituents are not included in the current monitoring list for HWMU-7. By the time the analytical data for the Second Quarter 2000 event had been received and evaluated, AAPC had already completed the Third Quarter 2000 monitoring event for HWMU-7. Therefore, confirmation analyses for the presence of beryllium, cobalt, and copper could not be conducted during the Third Quarter 2000 event. As stipulated in Part V Section I.5 of the Post-Closure Permit, AAPC planned to resample the point of compliance wells for the three constituents (beryllium, cobalt, and copper) to confirm their presence during the Fourth Quarter 2000 monitoring event. However, due to laboratory coordination efforts, the sampling for the detected Appendix IX constituents was inadvertently overlooked. As a result, AAPC collected samples for these three constituents in addition to the regular constituents specified in the groundwater monitoring list for the Unit during the First Quarter 2001 (February 28, 2001) monitoring event.

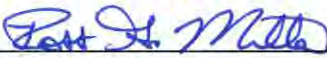
The analytical data for the First Quarter 2001 monitoring event confirmed the presence of cobalt only in point of compliance well 7WCA. Concentrations of beryllium and copper were not detected in any of the point of compliance wells. Following receipt of the First Quarter 2001 analytical results, AAPC notified the VDEQ and cobalt was added to the groundwater monitoring list for the Unit. During subsequent monitoring events, cobalt was only detected during the Fourth Quarter 2001 event in the sample collected from point of compliance well 7WCA (**Table 2**).

The analytical results from the annual 40 CFR 264 Appendix IX monitoring event conducted during Second Quarter 2001 (May 23-24, 2001) indicated that no concentrations of additional Appendix IX constituents were detected in the groundwater samples collected from the point of compliance wells.

SIGNATURE/CERTIFICATION

Prepared by:

Name: _____ Ross Miller, Project Hydrogeologist _____

Signature: _____  _____

Company: _____ Draper Aden Associates _____

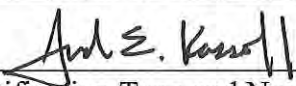
Address: _____ 2206 South Main Street _____

City/State/Zip: _____ Blacksburg, Virginia 24060-6600 _____

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: _____  _____

Virginia Professional Certification Type and Number: _____ PG 873 _____

Company: _____ Draper Aden Associates _____

Address: _____ 2206 South Main Street _____

City/State/Zip: _____ Blacksburg, Virginia 24060-6600 _____

TABLES

TABLE 1
HWMU-7
GROUNDWATER ELEVATIONS - 2001
RADFORD ARMY AMMUNITION PLANT
RADFORD, VIRGINIA

MONITORING WELL ID	ELEVATION OF GROUND SURFACE	FIRST QUARTER 2001		SECOND QUARTER 2001		THIRD QUARTER 2001		FOURTH QUARTER 2001	
		DTW	GW ELEV	DTW	GW ELEV	DTW	GW ELEV	DTW	GW ELEV
7W12B	1714.81	25.68	1691.63	25.33	1691.98	25.11	1692.20	25.59	1691.72
7WCA	1712.40	25.25	1690.15	24.98	1690.42	25.40	1690.00	25.25	1690.15
7W11B	1712.90	24.45	1691.45	25.05	1690.85	25.02	1690.88	25.41	1690.49
7MW5	1713.20	NM	NM	NM	NM	NM	NM	NM	NM
7MW6	1712.80	26.82	1688.48	26.08	1689.22	26.62	1688.68	27.15	1688.15
S7W9	1710.48	NM	NM	NM	NM	NM	NM	NM	NM
7W9C	1703.70	14.70	1689.75	14.02	1690.43	15.28	1689.17	15.00	1689.45
7W10	1704.98	NM	NM	NM	NM	NM	NM	NM	NM
7W11	1712.82	NM	NM	NM	NM	NM	NM	NM	NM
7W10B	1704.65	15.75	1690.90	15.17	1691.48	15.99	1690.66	15.78	1690.87
7W10C	1707.50	20.00	1689.30	19.35	1689.95	21.64	1687.66	20.80	1688.50
7W13	1702.72	18.62	1686.80	18.40	1687.02	19.80	1685.62	19.00	1686.42

NOTES:

DTW - Depth to water from ground surface.

GW ELEV - Groundwater elevation.

All elevations in feet above mean sea level.

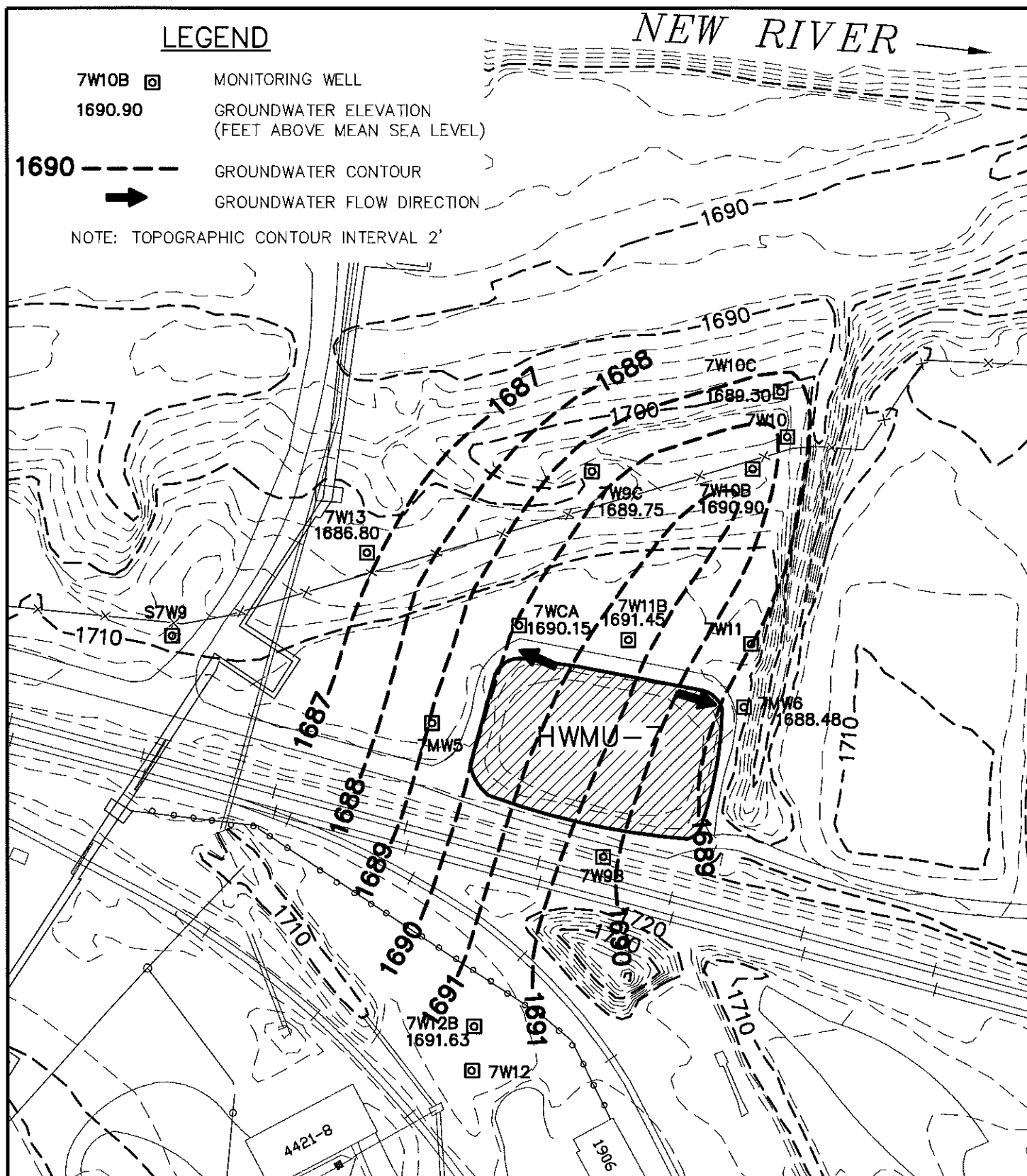
NM - Not measured.

TABLE 2

[illegible]

FIGURES

HWMU-7 POTENTIOMETRIC SURFACE MAPS FIRST THROUGH FOURTH QUARTERS 2001



**HWMU 7
POTENTIOMETRIC SURFACE MAP
FIRST QUARTER 2001**

**RADFORD ARMY
AMMUNITION PLANT
RADFORD, VIRGINIA**



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Richmond, VA
Charlottesville, VA
Raleigh-Durham, NC

JOB No.

7774-22

DATE:

16 JAN., 2002

SCALE:



FIGURE

LEGEND

7W10B 

MONITORING WELL

1691.48

GROUNDWATER ELEVATION
(FEET ABOVE MEAN SEA LEVEL)

1690 - - - -

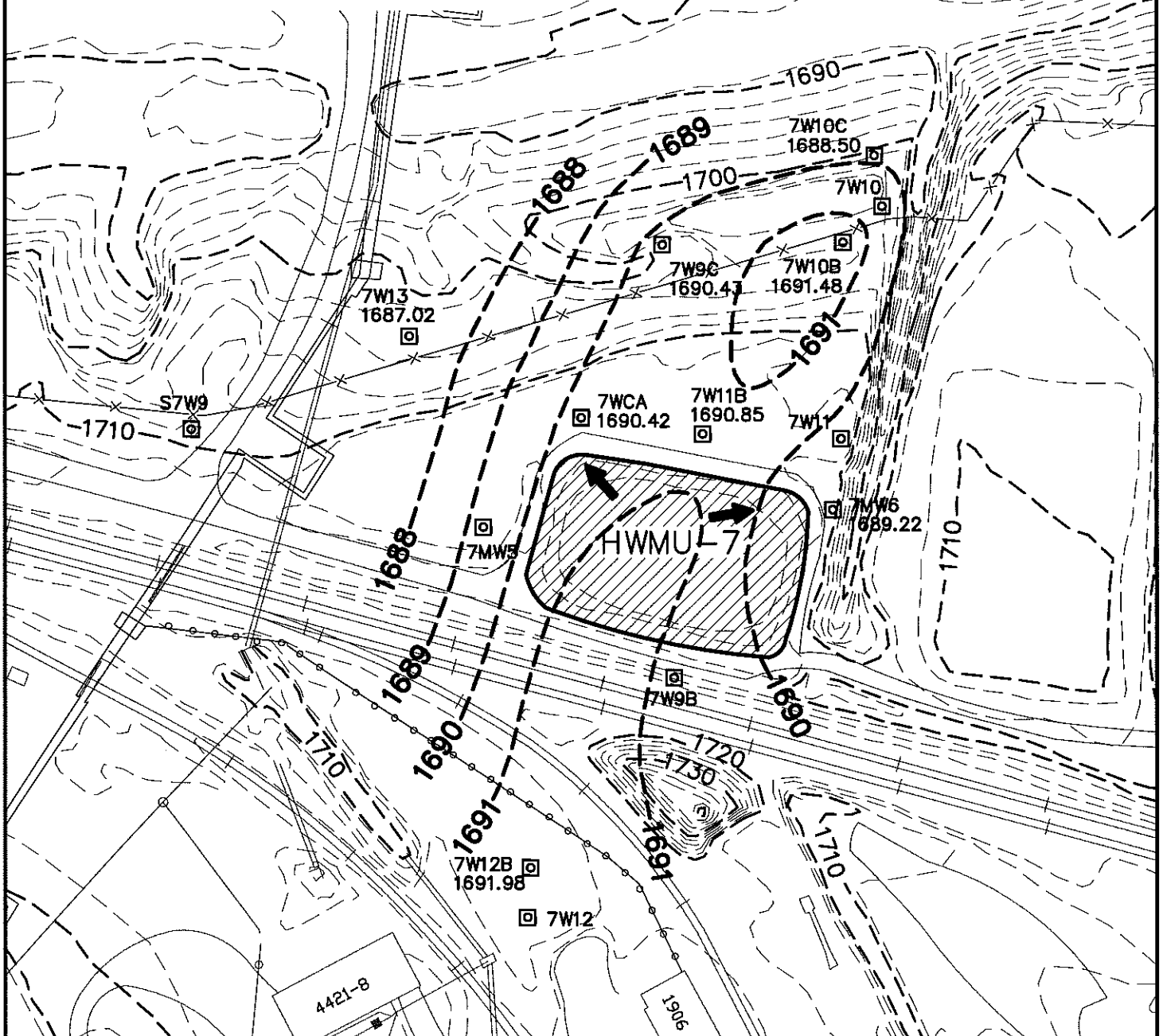
GROUNDWATER CONTOUR



GROUNDWATER FLOW DIRECTION

NOTE: TOPOGRAPHIC CONTOUR INTERVAL 2'

NEW RIVER →



HWMU 7
POTENTIOMETRIC SURFACE MAP
SECOND QUARTER 2001

RADFORD ARMY
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RADFORD, VIRGINIA



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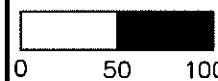
JOB No.

7774-22

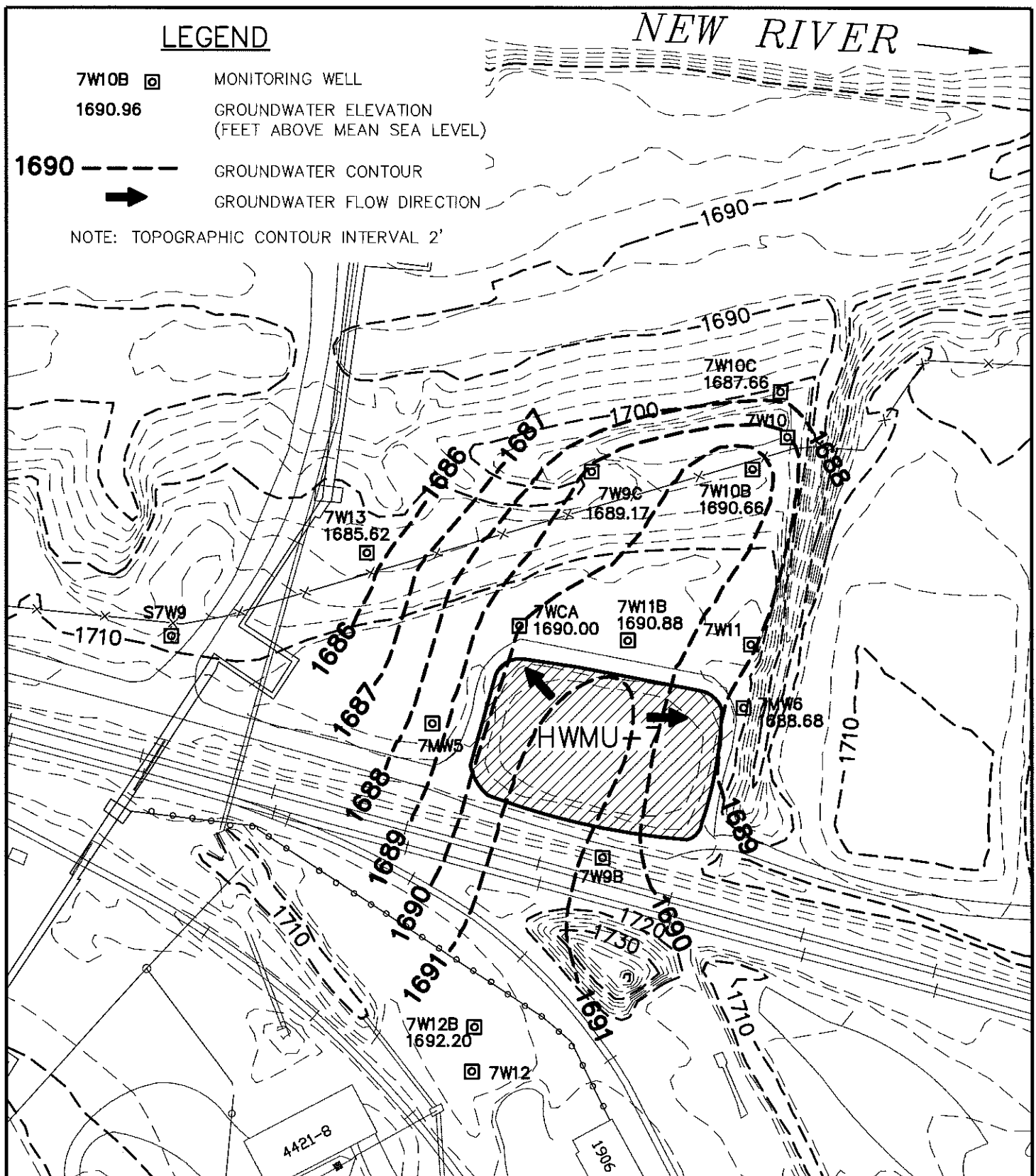
DATE:

16 JAN., 2002

SCALE:



FIGURE



**HWMU 7
POTENTIOMETRIC SURFACE MAP
THIRD QUARTER 2001**

**RADFORD ARMY
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RADFORD, VIRGINIA**



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JOB No.

7774-22

DATE:

16 JAN, 2002

SCALE:



FIGURE

LEGEND

7W10B

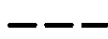


MONITORING WELL

1690.87

GROUNDWATER ELEVATION
(FEET ABOVE MEAN SEA LEVEL)

1690



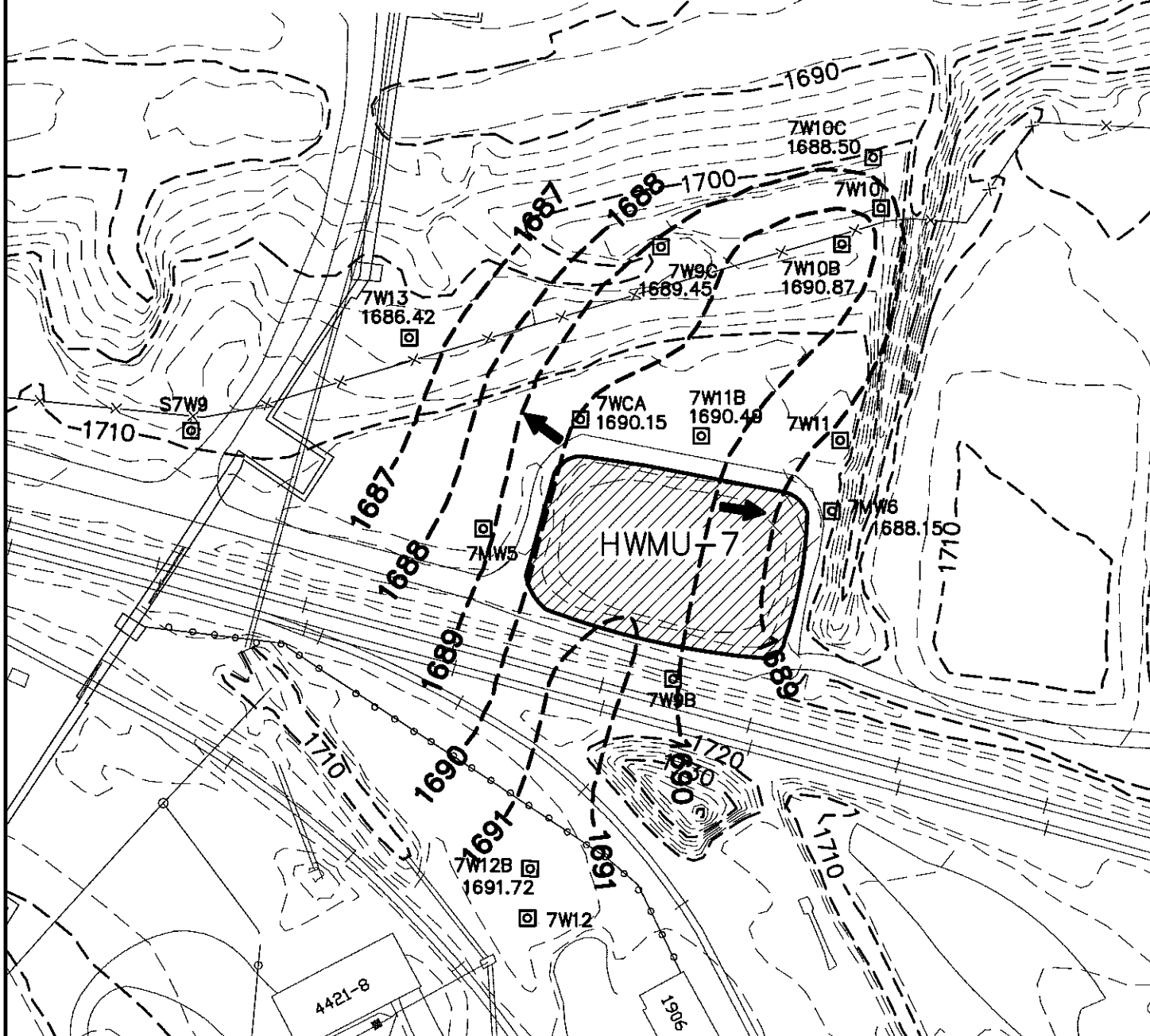
GROUNDWATER CONTOUR



GROUNDWATER FLOW DIRECTION

NOTE: TOPOGRAPHIC CONTOUR INTERVAL 2'

NEW RIVER



HWMU 7
POTENTIOMETRIC SURFACE MAP
FOURTH QUARTER 2001

RADFORD ARMY
AMMUNITION PLANT
RADFORD, VIRGINIA



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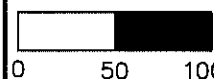
JOB No.

7774-22

DATE:

16 JAN., 2002

SCALE:



FIGURE

APPENDIX A

YEAR 2001 LABORATORY ANALYTICAL RESULTS

HWMU-7 1st Qtr 2001

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	Quant Limit	TestNo
SITE 7	7MW6	2/28/2001	2,4-Dinitrophenol	µg/L	ND	23	SW8270C
SITE 7	7MW6	2/28/2001	2,4-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7MW6	2/28/2001	2,6-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7MW6	2/28/2001	4-Nitrophenol	µg/L	ND	23	SW8270C
SITE 7	7MW6	2/28/2001	Antimony	µg/L	ND	1	SW6020
SITE 7	7MW6	2/28/2001	Arsenic	µg/L	ND	10	SW6020
SITE 7	7MW6	2/28/2001	Barium	µg/L	23.6	10	SW6020
SITE 7	7MW6	2/28/2001	Beryllium	µg/L	ND	1	SW6020
SITE 7	7MW6	2/28/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	7	SW8270C
SITE 7	7MW6	2/28/2001	Butyl benzyl phthalate	µg/L	ND	12	SW8270C
SITE 7	7MW6	2/28/2001	Cadmium	µg/L	ND	1	SW6020
SITE 7	7MW6	2/28/2001	Chromium	µg/L	ND	5	SW6020
SITE 7	7MW6	2/28/2001	Cobalt	µg/L	ND	5	SW6020
SITE 7	7MW6	2/28/2001	Conductivity	umhos/cm	843	1	SM2510B
SITE 7	7MW6	2/28/2001	Copper	µg/L	ND	5	SW6020
SITE 7	7MW6	2/28/2001	Cyanide, Total	µg/L	ND	20	SW9010B
SITE 7	7MW6	2/28/2001	Lead	µg/L	ND	1	SW6020
SITE 7	7MW6	2/28/2001	Mercury	µg/L	ND	1	SW7470
SITE 7	7MW6	2/28/2001	Nickel	µg/L	ND	10	SW6020
SITE 7	7MW6	2/28/2001	pH	SU	7.25	NA	SM4500 H+B
SITE 7	7MW6	2/28/2001	Selenium	µg/L	ND	10	SW7740
SITE 7	7MW6	2/28/2001	Silver	µg/L	ND	2	SW6020
SITE 7	7MW6	2/28/2001	Thallium	µg/L	ND	1	SW6020
SITE 7	7W10B	2/28/2001	2,4-Dinitrophenol	µg/L	ND	28	SW8270C
SITE 7	7W10B	2/28/2001	2,4-Dinitrotoluene	µg/L	ND	14	SW8270C
SITE 7	7W10B	2/28/2001	2,6-Dinitrotoluene	µg/L	ND	14	SW8270C
SITE 7	7W10B	2/28/2001	4-Nitrophenol	µg/L	ND	28	SW8270C
SITE 7	7W10B	2/28/2001	Antimony	µg/L	ND	1	SW6020
SITE 7	7W10B	2/28/2001	Arsenic	µg/L	ND	10	SW6020
SITE 7	7W10B	2/28/2001	Barium	µg/L	87	10	SW6020
SITE 7	7W10B	2/28/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	8	SW8270C
SITE 7	7W10B	2/28/2001	Butyl benzyl phthalate	µg/L	ND	14	SW8270C
SITE 7	7W10B	2/28/2001	Cadmium	µg/L	ND	1	SW6020
SITE 7	7W10B	2/28/2001	Chromium	µg/L	ND	5	SW6020
SITE 7	7W10B	2/28/2001	Conductivity	umhos/cm	1087	1	SM2510B
SITE 7	7W10B	2/28/2001	Cyanide, Total	µg/L	ND	20	SW9010B
SITE 7	7W10B	2/28/2001	Lead	µg/L	ND	1	SW6020
SITE 7	7W10B	2/28/2001	Mercury	µg/L	ND	1	SW7470
SITE 7	7W10B	2/28/2001	Nickel	µg/L	ND	10	SW6020
SITE 7	7W10B	2/28/2001	pH	SU	6.74	NA	SM4500 H+B
SITE 7	7W10B	2/28/2001	Selenium	µg/L	ND	10	SW7740
SITE 7	7W10B	2/28/2001	Silver	µg/L	ND	2	SW6020
SITE 7	7W10B	2/28/2001	Thallium	µg/L	ND	1	SW6020
SITE 7	7W10C	2/28/2001	2,4-Dinitrophenol	µg/L	ND	23	SW8270C
SITE 7	7W10C	2/28/2001	2,4-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7W10C	2/28/2001	2,6-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7W10C	2/28/2001	4-Nitrophenol	µg/L	ND	23	SW8270C
SITE 7	7W10C	2/28/2001	Antimony	µg/L	ND	1	SW6020
SITE 7	7W10C	2/28/2001	Arsenic	µg/L	ND	10	SW6020
SITE 7	7W10C	2/28/2001	Barium	µg/L	41.9	10	SW6020
SITE 7	7W10C	2/28/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	7	SW8270C
SITE 7	7W10C	2/28/2001	Butyl benzyl phthalate	µg/L	ND	12	SW8270C
SITE 7	7W10C	2/28/2001	Cadmium	µg/L	ND	1	SW6020
SITE 7	7W10C	2/28/2001	Chromium	µg/L	ND	5	SW6020
SITE 7	7W10C	2/28/2001	Conductivity	umhos/cm	822	1	SM2510B
SITE 7	7W10C	2/28/2001	Cyanide, Total	µg/L	ND	20	SW9010B

HWMU-7 1st Qtr 2001

SITE 7	7W10C	2/28/2001	Lead	µg/L	ND	1	SW6020
SITE 7	7W10C	2/28/2001	Mercury	µg/L	ND	1	SW7470
SITE 7	7W10C	2/28/2001	Nickel	µg/L	ND	10	SW6020
SITE 7	7W10C	2/28/2001	pH	SU	7.11	NA	SM4500 H+B
SITE 7	7W10C	2/28/2001	Selenium	µg/L	ND	10	SW7740
SITE 7	7W10C	2/28/2001	Silver	µg/L	ND	2	SW6020
SITE 7	7W10C	2/28/2001	Thallium	µg/L	ND	1	SW6020
SITE 7	7W11B	2/28/2001	2,4-Dinitrophenol	µg/L	ND	24	SW8270C
SITE 7	7W11B	2/28/2001	2,4-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7W11B	2/28/2001	2,6-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7W11B	2/28/2001	4-Nitrophenol	µg/L	ND	24	SW8270C
SITE 7	7W11B	2/28/2001	Antimony	µg/L	ND	1	SW6020
SITE 7	7W11B	2/28/2001	Arsenic	µg/L	ND	10	SW6020
SITE 7	7W11B	2/28/2001	Barium	µg/L	19	10	SW6020
SITE 7	7W11B	2/28/2001	Beryllium	µg/L	ND	1	SW6020
SITE 7	7W11B	2/28/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	7	SW8270C
SITE 7	7W11B	2/28/2001	Butyl benzyl phthalate	µg/L	ND	12	SW8270C
SITE 7	7W11B	2/28/2001	Cadmium	µg/L	ND	1	SW6020
SITE 7	7W11B	2/28/2001	Chromium	µg/L	ND	5	SW6020
SITE 7	7W11B	2/28/2001	Cobalt	µg/L	ND	5	SW6020
SITE 7	7W11B	2/28/2001	Conductivity	umhos/cm	1299	1	SM2510B
SITE 7	7W11B	2/28/2001	Copper	µg/L	ND	5	SW6020
SITE 7	7W11B	2/28/2001	Cyanide, Total	µg/L	ND	20	SW9010B
SITE 7	7W11B	2/28/2001	Lead	µg/L	ND	1	SW6020
SITE 7	7W11B	2/28/2001	Mercury	µg/L	ND	1	SW7470
SITE 7	7W11B	2/28/2001	Nickel	µg/L	ND	10	SW6020
SITE 7	7W11B	2/28/2001	pH	SU	6.54	NA	SM4500 H+B
SITE 7	7W11B	2/28/2001	Selenium	µg/L	ND	10	SW7740
SITE 7	7W11B	2/28/2001	Silver	µg/L	ND	2	SW6020
SITE 7	7W11B	2/28/2001	Thallium	µg/L	ND	1	SW6020
SITE 7	7W12B	2/28/2001	2,4-Dinitrophenol	µg/L	ND	21	SW8270C
SITE 7	7W12B	2/28/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C
SITE 7	7W12B	2/28/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C
SITE 7	7W12B	2/28/2001	4-Nitrophenol	µg/L	ND	21	SW8270C
SITE 7	7W12B	2/28/2001	Antimony	µg/L	ND	1	SW6020
SITE 7	7W12B	2/28/2001	Arsenic	µg/L	ND	10	SW6020
SITE 7	7W12B	2/28/2001	Barium	µg/L	47.3	10	SW6020
SITE 7	7W12B	2/28/2001	Beryllium	µg/L	ND	1	SW6020
SITE 7	7W12B	2/28/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C
SITE 7	7W12B	2/28/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C
SITE 7	7W12B	2/28/2001	Cadmium	µg/L	ND	1	SW6020
SITE 7	7W12B	2/28/2001	Chromium	µg/L	ND	5	SW6020
SITE 7	7W12B	2/28/2001	Cobalt	µg/L	ND	5	SW6020
SITE 7	7W12B	2/28/2001	Conductivity	umhos/cm	867	1	SM2510B
SITE 7	7W12B	2/28/2001	Copper	µg/L	ND	5	SW6020
SITE 7	7W12B	2/28/2001	Cyanide, Total	µg/L	ND	20	SW9010B
SITE 7	7W12B	2/28/2001	Lead	µg/L	ND	1	SW6020
SITE 7	7W12B	2/28/2001	Mercury	µg/L	ND	1	SW7470
SITE 7	7W12B	2/28/2001	Nickel	µg/L	ND	10	SW6020
SITE 7	7W12B	2/28/2001	pH	SU	6.85	NA	SM4500 H+B
SITE 7	7W12B	2/28/2001	Selenium	µg/L	ND	10	SW7740
SITE 7	7W12B	2/28/2001	Silver	µg/L	ND	2	SW6020
SITE 7	7W12B	2/28/2001	Thallium	µg/L	ND	1	SW6020
SITE 7	7W13	2/28/2001	2,4-Dinitrophenol	µg/L	ND	23	SW8270C
SITE 7	7W13	2/28/2001	2,4-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7W13	2/28/2001	2,6-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7W13	2/28/2001	4-Nitrophenol	µg/L	ND	23	SW8270C

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SITE 7	7W13	2/28/2001	Antimony	µg/L	ND	1	SW6020
SITE 7	7W13	2/28/2001	Arsenic	µg/L	ND	10	SW6020
SITE 7	7W13	2/28/2001	Barium	µg/L	11.5	10	SW6020
SITE 7	7W13	2/28/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	7	SW8270C
SITE 7	7W13	2/28/2001	Butyl benzyl phthalate	µg/L	ND	12	SW8270C
SITE 7	7W13	2/28/2001	Cadmium	µg/L	ND	1	SW6020
SITE 7	7W13	2/28/2001	Chromium	µg/L	ND	5	SW6020
SITE 7	7W13	2/28/2001	Conductivity	umhos/cm	1651	1	SM2510B
SITE 7	7W13	2/28/2001	Cyanide, Total	µg/L	ND	20	SW9010B
SITE 7	7W13	2/28/2001	Lead	µg/L	ND	1	SW6020
SITE 7	7W13	2/28/2001	Mercury	µg/L	ND	1	SW7470
SITE 7	7W13	2/28/2001	Nickel	µg/L	ND	10	SW6020
SITE 7	7W13	2/28/2001	pH	SU	7.22	NA	SM4500 H+B
SITE 7	7W13	2/28/2001	Selenium	µg/L	ND	10	SW7740
SITE 7	7W13	2/28/2001	Silver	µg/L	ND	2	SW6020
SITE 7	7W13	2/28/2001	Thallium	µg/L	ND	1	SW6020
SITE 7	7W9C	2/28/2001	2,4-Dinitrophenol	µg/L	ND	24	SW8270C
SITE 7	7W9C	2/28/2001	2,4-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7W9C	2/28/2001	2,6-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7W9C	2/28/2001	4-Nitrophenol	µg/L	ND	24	SW8270C
SITE 7	7W9C	2/28/2001	Arsenic	µg/L	ND	10	SW6020
SITE 7	7W9C	2/28/2001	Barium	µg/L	15.9	10	SW6020
SITE 7	7W9C	2/28/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	7	SW8270C
SITE 7	7W9C	2/28/2001	Butyl benzyl phthalate	µg/L	ND	12	SW8270C
SITE 7	7W9C	2/28/2001	Cadmium	µg/L	ND	1	SW6020
SITE 7	7W9C	2/28/2001	Chromium	µg/L	ND	5	SW6020
SITE 7	7W9C	2/28/2001	Conductivity	umhos/cm	1566	1	SM2510B
SITE 7	7W9C	2/28/2001	Cyanide, Total	µg/L	ND	20	SW9010B
SITE 7	7W9C	2/28/2001	Lead	µg/L	ND	1	SW6020
SITE 7	7W9C	2/28/2001	Mercury	µg/L	ND	1	SW7470
SITE 7	7W9C	2/28/2001	Nickel	µg/L	ND	10	SW6020
SITE 7	7W9C	2/28/2001	pH	SU	6.87	NA	SM4500 H+B
SITE 7	7W9C	2/28/2001	Selenium	µg/L	ND	10	SW7740
SITE 7	7W9C	2/28/2001	Silver	µg/L	ND	2	SW6020
SITE 7	7W9C	2/28/2001	Thallium	µg/L	ND	1	SW6020
SITE 7	7WCA	2/28/2001	2,4-Dinitrophenol	µg/L	ND	23	SW8270C
SITE 7	7WCA	2/28/2001	2,4-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7WCA	2/28/2001	2,6-Dinitrotoluene	µg/L	ND	12	SW8270C
SITE 7	7WCA	2/28/2001	4-Nitrophenol	µg/L	ND	23	SW8270C
SITE 7	7WCA	2/28/2001	Antimony	µg/L	ND	1	SW6020
SITE 7	7WCA	2/28/2001	Arsenic	µg/L	ND	10	SW6020
SITE 7	7WCA	2/28/2001	Barium	µg/L	17	10	SW6020
SITE 7	7WCA	2/28/2001	Beryllium	µg/L	ND	1	SW6020
SITE 7	7WCA	2/28/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	7	SW8270C
SITE 7	7WCA	2/28/2001	Butyl benzyl phthalate	µg/L	ND	12	SW8270C
SITE 7	7WCA	2/28/2001	Cadmium	µg/L	ND	1	SW6020
SITE 7	7WCA	2/28/2001	Chromium	µg/L	ND	5	SW6020
SITE 7	7WCA	2/28/2001	Cobalt	µg/L	5.79	5	SW6020
SITE 7	7WCA	2/28/2001	Conductivity	umhos/cm	1285	1	SM2510B
SITE 7	7WCA	2/28/2001	Copper	µg/L	ND	5	SW6020
SITE 7	7WCA	2/28/2001	Cyanide, Total	µg/L	ND	20	SW9010B
SITE 7	7WCA	2/28/2001	Lead	µg/L	ND	1	SW6020
SITE 7	7WCA	2/28/2001	Mercury	µg/L	ND	1	SW7470
SITE 7	7WCA	2/28/2001	Nickel	µg/L	30.4	10	SW6020
SITE 7	7WCA	2/28/2001	pH	SU	6.75	NA	SM4500 H+B
SITE 7	7WCA	2/28/2001	Selenium	µg/L	ND	10	SW7740
SITE 7	7WCA	2/28/2001	Silver	µg/L	ND	2	SW6020

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SITE 7	7WCA	2/28/2001	Thallium	µg/L	ND	1	SW6020
SITE 7	TRIP BLANK	2/28/2001	2,4-Dinitrophenol	µg/L	ND	29	SW8270C
SITE 7	TRIP BLANK	2/28/2001	2,4-Dinitrotoluene	µg/L	ND	14	SW8270C
SITE 7	TRIP BLANK	2/28/2001	2,6-Dinitrotoluene	µg/L	ND	14	SW8270C
SITE 7	TRIP BLANK	2/28/2001	4-Nitrophenol	µg/L	ND	29	SW8270C
SITE 7	TRIP BLANK	2/28/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	9	SW8270C
SITE 7	TRIP BLANK	2/28/2001	Butyl benzyl phthalate	µg/L	ND	14	SW8270C

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ClientSampleID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 7 7W12B	5/23/2001	Cyanide, Total	µg/L	ND	20	SW9010B/9014	
SITE 7 7W12B	5/23/2001	Phenolics, Total	µg/L	ND	5	SW9065	
SITE 7 7W12B	5/23/2001	Specific Conductivity	µmhos/cm	871	1	SM2510 B	
SITE 7 7W12B	5/23/2001	pH	SU	6.73	NA	SM4500-H+-B	
SITE 7 7W12B	5/23/2001	Sulfide	µg/L	ND	100	SW9030A	
SITE 7 7W12B	5/23/2001	Potassium	µg/L	1350	500	SW6010B	
SITE 7 7W12B	5/23/2001	1,2-Dibromo-3-chloropropane	µg/L	ND	0.2	SW8011	
SITE 7 7W12B	5/23/2001	1,2-Dibromoethane	µg/L	ND	0.05	SW8011	
SITE 7 7W12B	5/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W12B	5/23/2001	Benzo(a)pyrene	µg/L	ND	1	SW8310	
SITE 7 7W12B	5/23/2001	1,4-Dioxane	µg/L	ND	10,000	SW8015B	
SITE 7 7W12B	5/23/2001	1,1,1,2-Tetrachloroethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,1,1-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,1,2,2-Tetrachloroethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,1-Dichloroethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,1-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,2,3-Trichloropropane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,2,4-Trichlorobenzene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,2-Dichlorobenzene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,2-Dichloroethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,2-Dichloropropane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,3-Dichlorobenzene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	1,4-Dichlorobenzene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Benzene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Bromodichloromethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Bromoform	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Bromomethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Carbon tetrachloride	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Chlorobenzene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Chloroethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Chloroform	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Chloromethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	cis-1,3-Dichloropropene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Dibromochloromethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Dibromomethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Dichlorodifluoromethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Hexachlorobutadiene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B	
SITE 7 7W12B	5/23/2001	Methylene chloride	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Naphthalene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	o-Xylene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Styrene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Toluene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	trans-1,3-Dichloropropene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Trichloroethene	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B	
SITE 7 7W12B	5/23/2001	2-Butanone	µg/L	ND	10	SW8260B	
SITE 7 7W12B	5/23/2001	2-Hexanone	µg/L	ND	10	SW8260B	
SITE 7 7W12B	5/23/2001	4-Methyl-2-pentanone	µg/L	ND	10	SW8260B	
SITE 7 7W12B	5/23/2001	Acetone	µg/L	ND	10	SW8260B	
SITE 7 7W12B	5/23/2001	Acetonitrile	µg/L	ND	100	SW8260B	
SITE 7 7W12B	5/23/2001	Acrolein	µg/L	ND	5	SW8260B	
SITE 7 7W12B	5/23/2001	Acrylonitrile	µg/L	ND	5	SW8260B	
SITE 7 7W12B	5/23/2001	Allyl chloride	µg/L	ND	10	SW8260B	
SITE 7 7W12B	5/23/2001	Carbon disulfide	µg/L	ND	5	SW8260B	
SITE 7 7W12B	5/23/2001	Chloroprene	µg/L	ND	5	SW8260B	
SITE 7 7W12B	5/23/2001	Iodomethane	µg/L	ND	5	SW8260B	
SITE 7 7W12B	5/23/2001	Isobutyl alcohol	µg/L	ND	500	SW8260B	
SITE 7 7W12B	5/23/2001	Methacrylonitrile	µg/L	ND	100	SW8260B	
SITE 7 7W12B	5/23/2001	Methyl methacrylate	µg/L	ND	10	SW8260B	
SITE 7 7W12B	5/23/2001	Pentachloroethane	µg/L	ND	10	SW8260B	
SITE 7 7W12B	5/23/2001	Propionitrile	µg/L	ND	100	SW8260B	
SITE 7 7W12B	5/23/2001	trans-1,4-Dichloro-2-butene	µg/L	ND	10	SW8260B	

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SITE 7 7W12B	5/23/2001	Vinyl acetate	µg/L	ND	5	SW8260B	
SITE 7 7W12B	5/23/2001	Zinc	µg/L	ND	10	SW6010B	
SITE 7 7W12B	5/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7W12B	5/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7W12B	5/23/2001	Barium	µg/L	42.9	10	SW6020	
SITE 7 7W12B	5/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W12B	5/23/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W12B	5/23/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7W12B	5/23/2001	Copper	µg/L	ND	5	SW6020	
SITE 7 7W12B	5/23/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W12B	5/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W12B	5/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W12B	5/23/2001	Vanadium	µg/L	ND	10	SW6020	
SITE 7 7W12B	5/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W12B	5/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W12B	5/23/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 7 7W12B	5/23/2001	Tin	µg/L	ND	5	SW6020	
SITE 7 7W12B	5/23/2001	1,2,4,5-Tetrachlorobenzene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	1,3-Dinitrobenzene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	1,4-Naphthoquinone	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	1-Naphthylamine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2,3,4,6-Tetrachlorophenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2,4,5-Trichlorophenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2,4,6-Trichlorophenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2,4-Dichlorophenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2,4-Dimethylphenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2,4-Dinitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	2,6-Dichlorophenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	2-Acetylaminofluorene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2-Chloronaphthalene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	2-Chlorophenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2-Methylnaphthalene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	2-Naphthylamine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2-Nitroaniline	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	2-Nitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	2-Picoline	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	3,3'-Dichlorobenzidine	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	3,3'-Dimethylbenzidine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	3-Methylcholanthrene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	3-Nitroaniline	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	4,6-Dinitro-2-methylphenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	4-Aminobiphenyl	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	4-Bromophenyl phenyl ether	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	4-Chloro-3-methylphenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	4-Chloroaniline	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	4-Chlorophenyl phenyl ether	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	4-Nitroaniline	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	4-Nitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	4-Nitroquinoline-1-oxide	µg/L	ND	45	SW8270C	
SITE 7 7W12B	5/23/2001	5-Nitro-o-toluidine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	7,12-Dimethylbenz(a)anthracene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	a,a-Dimethylphenethylamine	µg/L	ND	45	SW8270C	
SITE 7 7W12B	5/23/2001	Acenaphthene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Acenaphthylene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Acetophenone	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Aniline	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Anthracene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Aramite	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Benzo(a)anthracene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Benzo(b)fluoranthene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Benzo(g,h,i)perylene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Benzo(k)fluoranthene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Benzyl alcohol	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Bis(2-chloroethoxy)methane	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Bis(2-chloroethyl)ether	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Bis(2-chloroisopropyl)ether	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	9	SW8270C	

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SITE 7 7W12B	5/23/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Chlorobenzilate	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Chrysene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Di-n-octyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Diallate	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Dibenzo(a,h)anthracene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Dibenzofuran	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Dimethoate	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Dimethyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Disulfoton	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Ethyl methacrylate	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Ethyl methanesulfonate	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Famphur	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Fluoranthene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Fluorene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Hexachlorocyclopentadiene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Hexachloroethane	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Hexachlorophene	µg/L	ND	90	SW8270C	
SITE 7 7W12B	5/23/2001	Hexachloropropene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Indeno(1,2,3-cd)pyrene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Isodrin	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Isophorone	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Isosafrole	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Kepone	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	m,p-Cresol	µg/L	ND	36	SW8270C	
SITE 7 7W12B	5/23/2001	Methapyrilene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Methyl methanesulfonate	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Methyl parathion	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	N-Nitroso-di-n-butylamine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	N-Nitrosodi-n-propylamine	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	N-Nitrosodiethylamine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	N-Nitrosodimethylamine	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	N-Nitrosodiphenylamine	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	n-Nitrosomethylethylamine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	N-Nitrosomorpholine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	N-Nitrosopiperidine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	N-Nitrosopyrrolidine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Nitrobenzene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	o,o,o-Triethylphosphorothioate	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	o,o-Diethyl-o-2-pyrazinyl phosphorothioate	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	o-Cresol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	o-Toluidine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	p-Dimethylaminoazobenzene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	p-Phenylenediamine	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Parathion	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Pentachlorobenzene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Pentachloronitrobenzene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Phenacetin	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Phenanthrene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Phenol	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Phorate	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Pronamide	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Pyrene	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Pyridine	µg/L	ND	9	SW8270C	
SITE 7 7W12B	5/23/2001	Safrole	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	Sulfotepp	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	sym-Trinitrobenzene	µg/L	ND	18	SW8270C	
SITE 7 7W12B	5/23/2001	4,4'-DDD	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	4,4'-DDE	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	4,4'-DDT	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Aldrin	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	alpha-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	beta-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Chlordane	µg/L	ND	5	SW8081	
SITE 7 7W12B	5/23/2001	delta-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Dieldrin	µg/L	ND	0.5	SW8081	

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SITE 7 7W12B	5/23/2001	Endosulfan I	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Endosulfan II	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Endosulfan sulfate	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Endrin	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Endrin aldehyde	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	gamma-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Heptachlor	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Heptachlor epoxide	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Methoxychlor	µg/L	ND	0.5	SW8081	
SITE 7 7W12B	5/23/2001	Toxaphene	µg/L	ND	5	SW8081	
SITE 7 7W12B	5/23/2001	2,4,5-T	µg/L	ND	50	SW8151	
SITE 7 7W12B	5/23/2001	2,4,5-TP (Silvex)	µg/L	ND	10	SW8151	
SITE 7 7W12B	5/23/2001	2,4-D	µg/L	ND	50	SW8151	
SITE 7 7W12B	5/23/2001	Dinoseb	µg/L	ND	50	SW8151	
SITE 7 7W12B	5/23/2001	Pentachlorophenol	µg/L	ND	10	SW8151	
SITE 7 7W12B	5/23/2001	Aroclor 1016	µg/L	ND	0.5	SW8082	
SITE 7 7W12B	5/23/2001	Aroclor 1221	µg/L	ND	0.5	SW8082	
SITE 7 7W12B	5/23/2001	Aroclor 1232	µg/L	ND	0.5	SW8082	
SITE 7 7W12B	5/23/2001	Aroclor 1242	µg/L	ND	0.5	SW8082	
SITE 7 7W12B	5/23/2001	Aroclor 1248	µg/L	ND	0.5	SW8082	
SITE 7 7W12B	5/23/2001	Aroclor 1254	µg/L	ND	0.5	SW8082	
SITE 7 7W12B	5/23/2001	Aroclor 1260	µg/L	ND	0.5	SW8082	
SITE 7 7W12B	5/23/2001	Hexachlorobenzene	µg/L	ND	0.2	SW8081	
SITE 7 7W12B	5/23/2001	2378-TCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W12B	5/23/2001	12378-PeCDF	ppt	ND	0.1	SW8280A	
SITE 7 7W12B	5/23/2001	23478-PeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W12B	5/23/2001	123478-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W12B	5/23/2001	123678-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W12B	5/23/2001	234678-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W12B	5/23/2001	123789-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W12B	5/23/2001	1234678-HpCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W12B	5/23/2001	1234789-HpCDF	ppt	ND	0.3	SW8280A	
SITE 7 7W12B	5/23/2001	12346789-OCDF	ppt	ND	0.5	SW8280A	

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SITE 7 7WCA	5/23/2001	Cyanide, Total	µg/L	ND	20	SW9010B/9014
SITE 7 7WCA	5/23/2001	Phenolics, Total	µg/L	ND	5	SW9065
SITE 7 7WCA	5/23/2001	Specific Conductivity	µmhos/cm	1250	1	SM2510 B
SITE 7 7WCA	5/23/2001	pH	SU	6.46	NA	SM4500-H+-B
SITE 7 7WCA	5/23/2001	Sulfide	µg/L	ND	100	SW9030A
SITE 7 7WCA	5/23/2001	Potassium	µg/L	597	500	SW6010B
SITE 7 7WCA	5/23/2001	1,2-Dibromo-3-chloropropane	µg/L	ND	0.2	SW8011
SITE 7 7WCA	5/23/2001	1,2-Dibromoethane	µg/L	ND	0.05	SW8011
SITE 7 7WCA	5/23/2001	Mercury	µg/L	ND	1	SW7470
SITE 7 7WCA	5/23/2001	Benzo(a)pyrene	µg/L	ND	1	SW8310
SITE 7 7WCA	5/23/2001	1,4-Dioxane	µg/L	ND	10,000	SW8015B
SITE 7 7WCA	5/23/2001	1,1,1,2-Tetrachloroethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,1,1-Trichloroethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,1,2,2-Tetrachloroethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,1-Dichloroethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,1-Dichloroethene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,2,3-Trichloropropane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,2,4-Trichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,2-Dichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,2-Dichloroethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,2-Dichloropropane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,3-Dichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	1,4-Dichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Benzene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Bromodichloromethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Bromoform	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Bromomethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Carbon tetrachloride	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Chlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Chloroethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Chloroform	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Chloromethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	cis-1,3-Dichloropropene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Dibromochloromethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Dibromomethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Dichlorodifluoromethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Hexachlorobutadiene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B
SITE 7 7WCA	5/23/2001	Methylene chloride	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Naphthalene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	o-Xylene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Styrene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Toluene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	trans-1,3-Dichloropropene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Trichloroethene	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B
SITE 7 7WCA	5/23/2001	2-Butanone	µg/L	ND	10	SW8260B
SITE 7 7WCA	5/23/2001	2-Hexanone	µg/L	ND	10	SW8260B
SITE 7 7WCA	5/23/2001	4-Methyl-2-pentanone	µg/L	ND	10	SW8260B
SITE 7 7WCA	5/23/2001	Acetone	µg/L	ND	10	SW8260B
SITE 7 7WCA	5/23/2001	Acetonitrile	µg/L	ND	100	SW8260B
SITE 7 7WCA	5/23/2001	Acrolein	µg/L	ND	5	SW8260B
SITE 7 7WCA	5/23/2001	Acrylonitrile	µg/L	ND	5	SW8260B
SITE 7 7WCA	5/23/2001	Allyl chloride	µg/L	ND	10	SW8260B
SITE 7 7WCA	5/23/2001	Carbon disulfide	µg/L	ND	5	SW8260B
SITE 7 7WCA	5/23/2001	Chloroprene	µg/L	ND	5	SW8260B
SITE 7 7WCA	5/23/2001	Iodomethane	µg/L	ND	5	SW8260B
SITE 7 7WCA	5/23/2001	Isobutyl alcohol	µg/L	ND	500	SW8260B
SITE 7 7WCA	5/23/2001	Methacrylonitrile	µg/L	ND	100	SW8260B
SITE 7 7WCA	5/23/2001	Methyl methacrylate	µg/L	ND	10	SW8260B
SITE 7 7WCA	5/23/2001	Pentachloroethane	µg/L	ND	10	SW8260B
SITE 7 7WCA	5/23/2001	Propionitrile	µg/L	ND	100	SW8260B
SITE 7 7WCA	5/23/2001	trans-1,4-Dichloro-2-butene	µg/L	ND	10	SW8260B
SITE 7 7WCA	5/23/2001	Vinyl acetate	µg/L	ND	5	SW8260B

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SITE 7 7WCA	5/23/2001	Zinc	µg/L	ND	10	SW6010B	
SITE 7 7WCA	5/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7WCA	5/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7WCA	5/23/2001	Barium	µg/L	18.1	10	SW6020	
SITE 7 7WCA	5/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7WCA	5/23/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7WCA	5/23/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7WCA	5/23/2001	Copper	µg/L	ND	5	SW6020	
SITE 7 7WCA	5/23/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7WCA	5/23/2001	Nickel	µg/L	21.3	10	SW6020	
SITE 7 7WCA	5/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7WCA	5/23/2001	Vanadium	µg/L	ND	10	SW6020	
SITE 7 7WCA	5/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7WCA	5/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7WCA	5/23/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 7 7WCA	5/23/2001	Tin	µg/L	ND	5	SW6020	
SITE 7 7WCA	5/23/2001	1,2,4,5-Tetrachlorobenzene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	1,3-Dinitrobenzene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	1,4-Naphthoquinone	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	1-Naphthylamine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2,3,4,6-Tetrachlorophenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2,4,5-Trichlorophenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2,4,6-Trichlorophenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2,4-Dichlorophenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2,4-Dimethylphenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2,4-Dinitrophenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2,4-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	2,6-Dichlorophenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2,6-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	2-Acetylaminofluorene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2-Chloronaphthalene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	2-Chlorophenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2-Methylnaphthalene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	2-Naphthylamine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2-Nitroaniline	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	2-Nitrophenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	2-Picoline	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	3,3'-Dichlorobenzidine	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	3,3'-Dimethylbenzidine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	3-Methylcholanthrene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	3-Nitroaniline	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	4,6-Dinitro-2-methylphenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	4-Aminobiphenyl	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	4-Bromophenyl phenyl ether	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	4-Chloro-3-methylphenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	4-Chloroaniline	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	4-Chlorophenyl phenyl ether	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	4-Nitroaniline	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	4-Nitrophenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	4-Nitroquinoline-1-oxide	µg/L	ND	41	SW8270C	
SITE 7 7WCA	5/23/2001	5-Nitro-o-toluidine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	7,12-Dimethylbenz(a)anthracene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	a,a-Dimethylphenethylamine	µg/L	ND	41	SW8270C	
SITE 7 7WCA	5/23/2001	Acenaphthene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Acenaphthylene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Acetophenone	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Aniline	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Anthracene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Aramite	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Benzo(a)anthracene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Benzo(b)fluoranthene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Benzo(g,h,i)perylene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Benzo(k)fluoranthene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Benzyl alcohol	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Bis(2-chloroethoxy)methane	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Bis(2-chloroethyl)ether	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Bis(2-chloroisopropyl)ether	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Butyl benzyl phthalate	µg/L	ND	8	SW8270C	

SITE 7 7WCA	5/23/2001	Chlorobenzilate	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Chrysene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Di-n-butyl phthalate	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Di-n-octyl phthalate	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Diallylate	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Dibenzo(a,h)anthracene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Dibenzofuran	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Diethyl phthalate	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Dimethoate	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Dimethyl phthalate	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Diphenylamine	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Disulfoton	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Ethyl methacrylate	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Ethyl methanesulfonate	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Famphur	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Fluoranthene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Fluorene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Hexachlorocyclopentadiene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Hexachloroethane	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Hexachlorophene	µg/L	ND	81	SW8270C	
SITE 7 7WCA	5/23/2001	Hexachloropropene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Indeno(1,2,3-cd)pyrene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Isodrin	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Isophorone	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Isosafrole	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Kepone	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	m,p-Cresol	µg/L	ND	33	SW8270C	
SITE 7 7WCA	5/23/2001	Methapyrilene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Methyl methanesulfonate	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Methyl parathion	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	N-Nitroso-di-n-butylamine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	N-Nitrosodi-n-propylamine	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	N-Nitrosodiethylamine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	N-Nitrosodimethylamine	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	N-Nitrosodiphenylamine	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	n-Nitrosomethylethylamine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	N-Nitrosomorpholine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	N-Nitrosopiperidine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	N-Nitrosopyrrolidine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Nitrobenzene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	o,o,o-Triethylphosphorothioate	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	o,o-Diethyl-o-2-pyrazinyl phosphorot	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	o-Cresol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	o-Toluidine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	p-Dimethylaminoazobenzene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	p-Phenylenediamine	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Parathion	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Pentachlorobenzene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Pentachloronitrobenzene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Phenacetin	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Phenanthrene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Phenol	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Phorate	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Pronamide	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Pyrene	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Pyridine	µg/L	ND	8	SW8270C	
SITE 7 7WCA	5/23/2001	Safrole	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	Sulfotepp	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	sym-Trinitrobenzene	µg/L	ND	16	SW8270C	
SITE 7 7WCA	5/23/2001	4,4'-DDD	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	4,4'-DDE	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	4,4'-DDT	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Aldrin	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	alpha-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	beta-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Chlordane	µg/L	ND	5	SW8081	
SITE 7 7WCA	5/23/2001	delta-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Dieldrin	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Endosulfan I	µg/L	ND	0.5	SW8081	

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SITE 7 7WCA	5/23/2001	Endosulfan II	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Endosulfan sulfate	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Endrin	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Endrin aldehyde	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	gamma-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Heptachlor	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Heptachlor epoxide	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Methoxychlor	µg/L	ND	0.5	SW8081	
SITE 7 7WCA	5/23/2001	Toxaphene	µg/L	ND	5	SW8081	
SITE 7 7WCA	5/23/2001	2,4,5-T	µg/L	ND	50	SW8151	
SITE 7 7WCA	5/23/2001	2,4,5-TP (Silvex)	µg/L	ND	10	SW8151	
SITE 7 7WCA	5/23/2001	2,4-D	µg/L	ND	50	SW8151	
SITE 7 7WCA	5/23/2001	Dinoseb	µg/L	ND	50	SW8151	
SITE 7 7WCA	5/23/2001	Pentachlorophenol	µg/L	ND	10	SW8151	
SITE 7 7WCA	5/23/2001	Aroclor 1016	µg/L	ND	0.5	SW8082	
SITE 7 7WCA	5/23/2001	Aroclor 1221	µg/L	ND	0.5	SW8082	
SITE 7 7WCA	5/23/2001	Aroclor 1232	µg/L	ND	0.5	SW8082	
SITE 7 7WCA	5/23/2001	Aroclor 1242	µg/L	ND	0.5	SW8082	
SITE 7 7WCA	5/23/2001	Aroclor 1248	µg/L	ND	0.5	SW8082	
SITE 7 7WCA	5/23/2001	Aroclor 1254	µg/L	ND	0.5	SW8082	
SITE 7 7WCA	5/23/2001	Aroclor 1260	µg/L	ND	0.5	SW8082	
SITE 7 7WCA	5/23/2001	Hexachlorobenzene	µg/L	ND	0.2	SW8081	
SITE 7 7WCA	5/23/2001	2378-TCDF	ppt	ND	0.2	SW8280A	
SITE 7 7WCA	5/23/2001	12378-PeCDF	ppt	ND	0.1	SW8280A	
SITE 7 7WCA	5/23/2001	23478-PeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7WCA	5/23/2001	123478-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7WCA	5/23/2001	123678-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7WCA	5/23/2001	234678-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7WCA	5/23/2001	123789-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7WCA	5/23/2001	1234678-HpCDF	ppt	ND	0.2	SW8280A	
SITE 7 7WCA	5/23/2001	1234789-HpCDF	ppt	ND	0.3	SW8280A	
SITE 7 7WCA	5/23/2001	12346789-OCDF	ppt	ND	0.5	SW8280A	

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SITE 7 7MW6	5/23/2001	Cyanide, Total	µg/L	ND	20	SW9010B/9014
SITE 7 7MW6	5/23/2001	Phenolics, Total	µg/L	ND	5	SW9065
SITE 7 7MW6	5/23/2001	Specific Conductivity	µmhos/cm	1550	1	SM2510 B
SITE 7 7MW6	5/23/2001	pH	SU	7.09	NA	SM4500-H+-B
SITE 7 7MW6	5/23/2001	Sulfide	µg/L	ND	100	SW9030A
SITE 7 7MW6	5/23/2001	Potassium	µg/L	1170	500	SW6010B
SITE 7 7MW6	5/23/2001	1,2-Dibromo-3-chloropropane	µg/L	ND	0.2	SW8011
SITE 7 7MW6	5/23/2001	1,2-Dibromoethane	µg/L	ND	0.05	SW8011
SITE 7 7MW6	5/23/2001	Mercury	µg/L	ND	1	SW7470
SITE 7 7MW6	5/23/2001	Benzo(a)pyrene	µg/L	ND	1	SW8310
SITE 7 7MW6	5/23/2001	1,4-Dioxane	µg/L	ND	10,000	SW8015B
SITE 7 7MW6	5/23/2001	1,1,1,2-Tetrachloroethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,1,1-Trichloroethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,1,2,2-Tetrachloroethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,1-Dichloroethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,1-Dichloroethene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,2,3-Trichloropropane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,2,4-Trichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,2-Dichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,2-Dichloroethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,2-Dichloropropane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,3-Dichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	1,4-Dichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Benzene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Bromodichloromethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Bromoform	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Bromomethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Carbon tetrachloride	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Chlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Chloroethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Chloroform	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Chloromethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	cis-1,3-Dichloropropene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Dibromochloromethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Dibromomethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Dichlorodifluoromethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Ethylbenzene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Hexachlorobutadiene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	m,p-Xylene	µg/L	ND	2	SW8260B
SITE 7 7MW6	5/23/2001	Methylene chloride	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Naphthalene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	o-Xylene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Styrene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Tetrachloroethene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Toluene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	trans-1,3-Dichloropropene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Trichloroethene	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	Vinyl chloride	µg/L	ND	1	SW8260B
SITE 7 7MW6	5/23/2001	2-Butanone	µg/L	ND	10	SW8260B
SITE 7 7MW6	5/23/2001	2-Hexanone	µg/L	ND	10	SW8260B
SITE 7 7MW6	5/23/2001	4-Methyl-2-pentanone	µg/L	ND	10	SW8260B
SITE 7 7MW6	5/23/2001	Acetone	µg/L	ND	10	SW8260B
SITE 7 7MW6	5/23/2001	Acetonitrile	µg/L	ND	100	SW8260B
SITE 7 7MW6	5/23/2001	Acrolein	µg/L	ND	5	SW8260B
SITE 7 7MW6	5/23/2001	Acrylonitrile	µg/L	ND	5	SW8260B
SITE 7 7MW6	5/23/2001	Allyl chloride	µg/L	ND	10	SW8260B
SITE 7 7MW6	5/23/2001	Carbon disulfide	µg/L	ND	5	SW8260B
SITE 7 7MW6	5/23/2001	Chloroprene	µg/L	ND	5	SW8260B
SITE 7 7MW6	5/23/2001	Iodomethane	µg/L	ND	5	SW8260B
SITE 7 7MW6	5/23/2001	Isobutyl alcohol	µg/L	ND	500	SW8260B
SITE 7 7MW6	5/23/2001	Methacrylonitrile	µg/L	ND	100	SW8260B
SITE 7 7MW6	5/23/2001	Methyl methacrylate	µg/L	ND	10	SW8260B
SITE 7 7MW6	5/23/2001	Pentachloroethane	µg/L	ND	10	SW8260B
SITE 7 7MW6	5/23/2001	Propionitrile	µg/L	ND	100	SW8260B
SITE 7 7MW6	5/23/2001	trans-1,4-Dichloro-2-butene	µg/L	ND	10	SW8260B
SITE 7 7MW6	5/23/2001	Vinyl acetate	µg/L	ND	5	SW8260B

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SITE 7 7MW6	5/23/2001	Zinc	µg/L	ND	10	SW6010B	
SITE 7 7MW6	5/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7MW6	5/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7MW6	5/23/2001	Barium	µg/L	20.5	10	SW6020	
SITE 7 7MW6	5/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7MW6	5/23/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7MW6	5/23/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7MW6	5/23/2001	Copper	µg/L	ND	5	SW6020	
SITE 7 7MW6	5/23/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7MW6	5/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7MW6	5/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7MW6	5/23/2001	Vanadium	µg/L	ND	10	SW6020	
SITE 7 7MW6	5/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7MW6	5/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7MW6	5/23/2001	Beryllium	µg/L	ND	1	SW6020	
SITE 7 7MW6	5/23/2001	Tin	µg/L	ND	5	SW6020	
SITE 7 7MW6	5/23/2001	1,2,4,5-Tetrachlorobenzene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	1,3-Dinitrobenzene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	1,4-Naphthoquinone	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	1-Naphthylamine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2,3,4,6-Tetrachlorophenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2,4,5-Trichlorophenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2,4,6-Trichlorophenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2,4-Dichlorophenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2,4-Dimethylphenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2,4-Dinitrophenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	2,6-Dichlorophenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	2-Acetylaminofluorene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2-Chloronaphthalene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	2-Chlorophenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2-Methylnaphthalene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	2-Naphthylamine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2-Nitroaniline	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	2-Nitrophenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	2-Picoline	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	3,3'-Dichlorobenzidine	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	3,3'-Dimethylbenzidine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	3-Methylcholanthrene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	3-Nitroaniline	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	4,6-Dinitro-2-methylphenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	4-Aminobiphenyl	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	4-Bromophenyl phenyl ether	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	4-Chloro-3-methylphenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	4-Chloroaniline	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	4-Chlorophenyl phenyl ether	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	4-Nitroaniline	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	4-Nitrophenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	4-Nitroquinoline-1-oxide	µg/L	ND	44	SW8270C	
SITE 7 7MW6	5/23/2001	5-Nitro-o-toluidine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	7,12-Dimethylbenz(a)anthracene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	a,a-Dimethylphenethylamine	µg/L	ND	44	SW8270C	
SITE 7 7MW6	5/23/2001	Acenaphthene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Acenaphthylene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Acetophenone	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Aniline	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Anthracene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Aramite	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Benzo(a)anthracene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Benzo(b)fluoranthene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Benzo(g,h,i)perylene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Benzo(k)fluoranthene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Benzyl alcohol	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Bis(2-chloroethoxy)methane	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Bis(2-chloroethyl)ether	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Bis(2-chloroisopropyl)ether	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	

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SITE 7 7MW6	5/23/2001	Chlorobenzilate	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Chrysene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Di-n-octyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Diallate	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Dibenzo(a,h)anthracene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Dibenzofuran	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Dimethoate	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Dimethyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Disulfoton	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Ethyl methacrylate	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Ethyl methanesulfonate	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Famphur	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Fluoranthene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Fluorene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Hexachlorocyclopentadiene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Hexachloroethane	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Hexachlorophene	µg/L	ND	87	SW8270C	
SITE 7 7MW6	5/23/2001	Hexachloropropene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Indeno(1,2,3-cd)pyrene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Isodrin	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Isophorone	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Isosafrole	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Kepone	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	m,p-Cresol	µg/L	ND	35	SW8270C	
SITE 7 7MW6	5/23/2001	Methapyrilene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Methyl methanesulfonate	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Methyl parathion	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	N-Nitroso-di-n-butylamine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	N-Nitrosodi-n-propylamine	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	N-Nitrosodiethylamine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	N-Nitrosodimethylamine	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	N-Nitrosodiphenylamine	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	n-Nitrosomethylethylamine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	N-Nitrosomorpholine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	N-Nitrosopiperidine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	N-Nitrosopyrrolidine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Nitrobenzene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	o,o,o-Triethylphosphorothioate	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	o,o-Diethyl-o-2-pyrazinyl phosphorotl	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	o-Cresol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	o-Toluidine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	p-Dimethylaminoazobenzene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	p-Phenylenediamine	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Parathion	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Pentachlorobenzene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Pentachloronitrobenzene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Phenacetin	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Phenanthrene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Phenol	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Phorate	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Pronamide	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Pyrene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Pyridine	µg/L	ND	9	SW8270C	
SITE 7 7MW6	5/23/2001	Safrole	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	Sulfotepp	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	sym-Trinitrobenzene	µg/L	ND	17	SW8270C	
SITE 7 7MW6	5/23/2001	4,4'-DDE	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	4,4'-DDT	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Aldrin	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	alpha-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	4,4'-DDD	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	beta-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Chlordane	µg/L	ND	5	SW8081	
SITE 7 7MW6	5/23/2001	delta-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Dieldrin	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Endosulfan I	µg/L	ND	0.5	SW8081	

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SITE 7 7MW6	5/23/2001	Endosulfan II	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Endosulfan sulfate	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Endrin	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Endrin aldehyde	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	gamma-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Heptachlor	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Heptachlor epoxide	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Methoxychlor	µg/L	ND	0.5	SW8081	
SITE 7 7MW6	5/23/2001	Toxaphene	µg/L	ND	5	SW8081	
SITE 7 7MW6	5/23/2001	2,4,5-T	µg/L	ND	50	SW8151	
SITE 7 7MW6	5/23/2001	2,4,5-TP (Silvex)	µg/L	ND	10	SW8151	
SITE 7 7MW6	5/23/2001	2,4-D	µg/L	ND	50	SW8151	
SITE 7 7MW6	5/23/2001	Dinoseb	µg/L	ND	50	SW8151	
SITE 7 7MW6	5/23/2001	Pentachlorophenol	µg/L	ND	10	SW8151	
SITE 7 7MW6	5/23/2001	Aroclor 1016	µg/L	ND	0.5	SW8082	
SITE 7 7MW6	5/23/2001	Aroclor 1221	µg/L	ND	0.5	SW8082	
SITE 7 7MW6	5/23/2001	Aroclor 1232	µg/L	ND	0.5	SW8082	
SITE 7 7MW6	5/23/2001	Aroclor 1242	µg/L	ND	0.5	SW8082	
SITE 7 7MW6	5/23/2001	Aroclor 1248	µg/L	ND	0.5	SW8082	
SITE 7 7MW6	5/23/2001	Aroclor 1254	µg/L	ND	0.5	SW8082	
SITE 7 7MW6	5/23/2001	Aroclor 1260	µg/L	ND	0.5	SW8082	
SITE 7 7MW6	5/23/2001	Hexachlorobenzene	µg/L	ND	0.2	SW8081	
SITE 7 7MW6	5/23/2001	2378-TCDF	ppt	ND	0.2	SW8280A	
SITE 7 7MW6	5/23/2001	12378-PeCDF	ppt	ND	0.1	SW8280A	
SITE 7 7MW6	5/23/2001	23478-PeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7MW6	5/23/2001	123478-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7MW6	5/23/2001	123678-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7MW6	5/23/2001	234678-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7MW6	5/23/2001	123789-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7MW6	5/23/2001	1234678-HpCDF	ppt	ND	0.2	SW8280A	
SITE 7 7MW6	5/23/2001	1234789-HpCDF	ppt	ND	0.3	SW8280A	
SITE 7 7MW6	5/23/2001	12346789-OCDF	ppt	ND	0.5	SW8280A	

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SITE 7 7W11B	5/24/2001	Cyanide, Total	µg/L	ND	20	SW9010B/9014
SITE 7 7W11B	5/24/2001	Phenolics, Total	µg/L	ND	5	SW9065
SITE 7 7W11B	5/24/2001	Specific Conductivity	µmhos/cm	1140	1	SM2510 B
SITE 7 7W11B	5/24/2001	pH	SU	6.1	NA	SM4500-H+-B
SITE 7 7W11B	5/24/2001	Sulfide	µg/L	ND	100	SW9030A
SITE 7 7W11B	5/24/2001	Potassium	µg/L	ND	500	SW6010B
SITE 7 7W11B	5/24/2001	1,2-Dibromo-3-chloropropane	µg/L	ND	0.2	SW8011
SITE 7 7W11B	5/24/2001	1,2-Dibromoethane	µg/L	ND	0.05	SW8011
SITE 7 7W11B	5/24/2001	Mercury	µg/L	ND	1	SW7470
SITE 7 7W11B	5/24/2001	Benzo(a)pyrene	µg/L	ND	1	SW8310
SITE 7 7W11B	5/24/2001	1,4-Dioxane	µg/L	ND	10,000	SW8015B
SITE 7 7W11B	5/24/2001	1,1,1,2-Tetrachloroethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,1,1-Trichloroethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,1,2,2-Tetrachloroethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,1,2-Trichloroethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,1-Dichloroethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,1-Dichloroethene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,2,3-Trichloropropane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,2,4-Trichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,2-Dichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,2-Dichloroethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,2-Dichloropropane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,3-Dichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	1,4-Dichlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Benzene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Bromodichloromethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Bromoform	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Bromomethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Carbon tetrachloride	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Chlorobenzene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Chloroethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Chloroform	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Chloromethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	cis-1,3-Dichloropropene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Dibromochloromethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Dibromomethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Dichlorodifluoromethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Ethylbenzene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Hexachlorobutadiene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	m,p-Xylene	µg/L	ND	2	SW8260B
SITE 7 7W11B	5/24/2001	Methylene chloride	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Naphthalene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	o-Xylene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Styrene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Tetrachloroethene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Toluene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	trans-1,2-Dichloroethene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	trans-1,3-Dichloropropene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Trichloroethene	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Trichlorofluoromethane	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	Vinyl chloride	µg/L	ND	1	SW8260B
SITE 7 7W11B	5/24/2001	2-Butanone	µg/L	ND	10	SW8260B
SITE 7 7W11B	5/24/2001	2-Hexanone	µg/L	ND	10	SW8260B
SITE 7 7W11B	5/24/2001	4-Methyl-2-pentanone	µg/L	ND	10	SW8260B
SITE 7 7W11B	5/24/2001	Acetone	µg/L	ND	10	SW8260B
SITE 7 7W11B	5/24/2001	Acetonitrile	µg/L	ND	100	SW8260B
SITE 7 7W11B	5/24/2001	Acrolein	µg/L	ND	5	SW8260B
SITE 7 7W11B	5/24/2001	Acrylonitrile	µg/L	ND	5	SW8260B
SITE 7 7W11B	5/24/2001	Allyl chloride	µg/L	ND	10	SW8260B
SITE 7 7W11B	5/24/2001	Carbon disulfide	µg/L	ND	5	SW8260B
SITE 7 7W11B	5/24/2001	Chloroprene	µg/L	ND	5	SW8260B
SITE 7 7W11B	5/24/2001	Iodomethane	µg/L	ND	5	SW8260B
SITE 7 7W11B	5/24/2001	Isobutyl alcohol	µg/L	ND	500	SW8260B
SITE 7 7W11B	5/24/2001	Methacrylonitrile	µg/L	ND	100	SW8260B
SITE 7 7W11B	5/24/2001	Methyl methacrylate	µg/L	ND	10	SW8260B
SITE 7 7W11B	5/24/2001	Pentachloroethane	µg/L	ND	10	SW8260B
SITE 7 7W11B	5/24/2001	Propionitrile	µg/L	ND	100	SW8260B
SITE 7 7W11B	5/24/2001	trans-1,4-Dichloro-2-butene	µg/L	ND	10	SW8260B
SITE 7 7W11B	5/24/2001	Vinyl acetate	µg/L	ND	5	SW8260B

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SITE 7 7W11B	5/24/2001	Zinc	µg/L	ND	10	SW6010B
SITE 7 7W11B	5/24/2001	Antimony	µg/L	ND	1	SW6020
SITE 7 7W11B	5/24/2001	Arsenic	µg/L	ND	10	SW6020
SITE 7 7W11B	5/24/2001	Barium	µg/L	18.8	10	SW6020
SITE 7 7W11B	5/24/2001	Cadmium	µg/L	ND	1	SW6020
SITE 7 7W11B	5/24/2001	Chromium	µg/L	ND	5	SW6020
SITE 7 7W11B	5/24/2001	Cobalt	µg/L	ND	5	SW6020
SITE 7 7W11B	5/24/2001	Copper	µg/L	ND	5	SW6020
SITE 7 7W11B	5/24/2001	Lead	µg/L	ND	1	SW6020
SITE 7 7W11B	5/24/2001	Nickel	µg/L	ND	10	SW6020
SITE 7 7W11B	5/24/2001	Thallium	µg/L	ND	1	SW6020
SITE 7 7W11B	5/24/2001	Vanadium	µg/L	ND	10	SW6020
SITE 7 7W11B	5/24/2001	Selenium	µg/L	ND	10	SW7740
SITE 7 7W11B	5/24/2001	Silver	µg/L	ND	2	SW6020
SITE 7 7W11B	5/24/2001	Beryllium	µg/L	ND	1	SW6020
SITE 7 7W11B	5/24/2001	Tin	µg/L	ND	5	SW6020
SITE 7 7W11B	5/24/2001	1,2,4,5-Tetrachlorobenzene	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	1,3-Dinitrobenzene	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	1,4-Naphthoquinone	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	1-Naphthylamine	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2,3,4,6-Tetrachlorophenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2,4,5-Trichlorophenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2,4,6-Trichlorophenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2,4-Dichlorophenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2,4-Dimethylphenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2,4-Dinitrophenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	2,6-Dichlorophenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	2-Acetylaminofluorene	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2-Chloronaphthalene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	2-Chlorophenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2-Methylnaphthalene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	2-Naphthylamine	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2-Nitroaniline	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	2-Nitrophenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	2-Picoline	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	3,3'-Dichlorobenzidine	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	3,3'-Dimethylbenzidine	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	3-Methylcholanthrene	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	3-Nitroaniline	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	4,6-Dinitro-2-methylphenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	4-Aminobiphenyl	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	4-Bromophenyl phenyl ether	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	4-Chloro-3-methylphenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	4-Chloroaniline	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	4-Chlorophenyl phenyl ether	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	4-Nitroaniline	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	4-Nitrophenol	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	4-Nitroquinoline-1-oxide	µg/L	ND	43	SW8270C
SITE 7 7W11B	5/24/2001	5-Nitro-o-toluidine	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	7,12-Dimethylbenz(a)anthracene	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	a,a-Dimethylphenethylamine	µg/L	ND	43	SW8270C
SITE 7 7W11B	5/24/2001	Acenaphthene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Acenaphthylene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Acetophenone	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	Aniline	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Anthracene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Aramite	µg/L	ND	17	SW8270C
SITE 7 7W11B	5/24/2001	Benzo(a)anthracene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Benzo(b)fluoranthene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Benzo(g,h,i)perylene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Benzo(k)fluoranthene	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Benzyl alcohol	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Bis(2-chloroethoxy)methane	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Bis(2-chloroethyl)ether	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Bis(2-chloroisopropyl)ether	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	9	SW8270C
SITE 7 7W11B	5/24/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C

SITE 7 7W11B	5/24/2001	Chlorobenzilate	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Chrysene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Di-n-butyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Di-n-octyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Diallate	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Dibenzo(a,h)anthracene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Dibenzofuran	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Diethyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Dimethoate	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Dimethyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Diphenylamine	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Disulfoton	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Ethyl methacrylate	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Ethyl methanesulfonate	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Famphur	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Fluoranthene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Fluorene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Hexachlorocyclopentadiene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Hexachloroethane	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Hexachlorophene	µg/L	ND	87	SW8270C	
SITE 7 7W11B	5/24/2001	Hexachloropropene	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Indeno(1,2,3-cd)pyrene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Isodrin	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Isophorone	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Isosafrole	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Kepone	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	m,p-Cresol	µg/L	ND	35	SW8270C	
SITE 7 7W11B	5/24/2001	Methapyrilene	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Methyl methanesulfonate	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Methyl parathion	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	N-Nitroso-di-n-butylamine	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	N-Nitrosodi-n-propylamine	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	N-Nitrosodiethylamine	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	N-Nitrosodimethylamine	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	N-Nitrosodiphenylamine	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	n-Nitrosomethylethylamine	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	N-Nitrosomorpholine	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	N-Nitrosopiperidine	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	N-Nitrosopyrrolidine	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Nitrobenzene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	o,o,o-Triethylphosphorothioate	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	o,o-Diethyl-o-2-pyrazinyl phosphorotl	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	o-Cresol	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	o-Toluidine	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	p-Dimethylaminoazobenzene	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	p-Phenylenediamine	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Parathion	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Pentachlorobenzene	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Pentachloronitrobenzene	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Phenacetin	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Phenanthrene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Phenol	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Phorate	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Pronamide	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Pyrene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Pyridine	µg/L	ND	9	SW8270C	
SITE 7 7W11B	5/24/2001	Safrole	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	Sulfotepp	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	sym-Trinitrobenzene	µg/L	ND	17	SW8270C	
SITE 7 7W11B	5/24/2001	4,4'-DDD	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	4,4'-DDE	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	4,4'-DDT	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Aldrin	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	alpha-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	beta-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Chlordane	µg/L	ND	5	SW8081	
SITE 7 7W11B	5/24/2001	delta-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Dieldrin	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Endosulfan I	µg/L	ND	0.5	SW8081	

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SITE 7 7W11B	5/24/2001	Endosulfan II	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Endosulfan sulfate	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Endrin	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Endrin aldehyde	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	gamma-BHC	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Heptachlor	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Heptachlor epoxide	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Methoxychlor	µg/L	ND	0.5	SW8081	
SITE 7 7W11B	5/24/2001	Toxaphene	µg/L	ND	5	SW8081	
SITE 7 7W11B	5/24/2001	2,4,5-T	µg/L	ND	50	SW8151	
SITE 7 7W11B	5/24/2001	2,4,5-TP (Silvex)	µg/L	ND	10	SW8151	
SITE 7 7W11B	5/24/2001	2,4-D	µg/L	ND	50	SW8151	
SITE 7 7W11B	5/24/2001	Dinoseb	µg/L	ND	50	SW8151	
SITE 7 7W11B	5/24/2001	Pentachlorophenol	µg/L	ND	10	SW8151	
SITE 7 7W11B	5/24/2001	Aroclor 1016	µg/L	ND	0.5	SW8082	
SITE 7 7W11B	5/24/2001	Aroclor 1221	µg/L	ND	0.5	SW8082	
SITE 7 7W11B	5/24/2001	Aroclor 1232	µg/L	ND	0.5	SW8082	
SITE 7 7W11B	5/24/2001	Aroclor 1242	µg/L	ND	0.5	SW8082	
SITE 7 7W11B	5/24/2001	Aroclor 1248	µg/L	ND	0.5	SW8082	
SITE 7 7W11B	5/24/2001	Aroclor 1254	µg/L	ND	0.5	SW8082	
SITE 7 7W11B	5/24/2001	Aroclor 1260	µg/L	ND	0.5	SW8082	
SITE 7 7W11B	5/24/2001	Hexachlorobenzene	µg/L	ND	0.2	SW8081	
SITE 7 7W11B	5/24/2001	2378-TCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W11B	5/24/2001	12378-PeCDF	ppt	ND	0.1	SW8280A	
SITE 7 7W11B	5/24/2001	23478-PeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W11B	5/24/2001	123478-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W11B	5/24/2001	123678-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W11B	5/24/2001	234678-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W11B	5/24/2001	123789-HeCDF	ppt	ND	0.2	SW8280A	
SITE 7 7W11B	5/24/2001	1234678-HpCDF	ppt	ND	0.2	SW8280A	
SITE 7 7MW6	5/23/2001	1234789-HpCDF	ppt	ND	0.3	SW8280A	
SITE 7 7MW6	5/23/2001	12346789-OCDF	ppt	ND	0.5	SW8280A	

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SITE 7 7W13	5/23/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7W13	5/23/2001	Specific Conductivity	µmhos/cm	1580	1	SM2510 B	
SITE 7 7W13	5/23/2001	pH	SU	7.32	NA	SM4500-H+-B	
SITE 7 7W13	5/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W13	5/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7W13	5/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7W13	5/23/2001	Barium	µg/L	11.6	10	SW6020	
SITE 7 7W13	5/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W13	5/23/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W13	5/23/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W13	5/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W13	5/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W13	5/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W13	5/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W13	5/23/2001	2,4-Dinitrophenol	µg/L	ND	17	SW8270C	
SITE 7 7W13	5/23/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W13	5/23/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W13	5/23/2001	4-Nitrophenol	µg/L	ND	17	SW8270C	
SITE 7 7W13	5/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 7 7W13	5/23/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	

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SITE 7 7W10C	5/23/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7W10C	5/23/2001	Specific Conductivity	µmhos/cm	804	1	SM2510 B	
SITE 7 7W10C	5/23/2001	pH	SU	6.98	NA	SM4500-H+-B	
SITE 7 7W10C	5/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W10C	5/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7W10C	5/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7W10C	5/23/2001	Barium	µg/L	43.4	10	SW6020	
SITE 7 7W10C	5/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W10C	5/23/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W10C	5/23/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W10C	5/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W10C	5/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W10C	5/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W10C	5/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W10C	5/23/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7 7W10C	5/23/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W10C	5/23/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W10C	5/23/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7 7W10C	5/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7 7W10C	5/23/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	

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SITE 7 7W9C	5/23/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7W9C	5/23/2001	Specific Conductivity	µmhos/cm	1490	1	SM2510 B	
SITE 7 7W9C	5/23/2001	pH	SU	6.71	NA	SM4500-H+-B	
SITE 7 7W9C	5/23/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W9C	5/23/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7W9C	5/23/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7W9C	5/23/2001	Barium	µg/L	15.2	10	SW6020	
SITE 7 7W9C	5/23/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W9C	5/23/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W9C	5/23/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W9C	5/23/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W9C	5/23/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W9C	5/23/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W9C	5/23/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W9C	5/23/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7 7W9C	5/23/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7 7W9C	5/23/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7 7W9C	5/23/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7 7W9C	5/23/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7 7W9C	5/23/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	

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SITE 7 7W10B	5/24/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7W10B	5/24/2001	Specific Conductivity	µmhos/cm	1030	1	SM2510 B	
SITE 7 7W10B	5/24/2001	pH	SU	6.64	NA	SM4500-H+-B	
SITE 7 7W10B	5/24/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W10B	5/24/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7W10B	5/24/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7W10B	5/24/2001	Barium	µg/L	89.7	10	SW6020	
SITE 7 7W10B	5/24/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W10B	5/24/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W10B	5/24/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W10B	5/24/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W10B	5/24/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W10B	5/24/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W10B	5/24/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W10B	5/24/2001	2,4-Dinitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W10B	5/24/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W10B	5/24/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W10B	5/24/2001	4-Nitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W10B	5/24/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 7 7W10B	5/24/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	

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ClientSampleID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 7 7MW6	7/24/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7 7MW6	7/24/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	7/24/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7MW6	7/24/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7 7MW6	7/24/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7MW6	7/24/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7MW6	7/24/2001	Barium	µg/L	24.8	10	SW6020	
SITE 7 7MW6	7/24/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7 7MW6	7/24/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7MW6	7/24/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7MW6	7/24/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7MW6	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7MW6	7/24/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7MW6	7/24/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7MW6	7/24/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7MW6	7/24/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7MW6	7/24/2001	pH	SU	6.96	NA	SM4500-H+-B	
SITE 7 7MW6	7/24/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7MW6	7/24/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7MW6	7/24/2001	Specific Conductivity	µmhos/cm	2000	1	SM2510 B	
SITE 7 7MW6	7/24/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W10B	7/25/2001	2,4-Dinitrophenol	µg/L	ND	16	SW8270C	
SITE 7 7W10B	7/25/2001	2,4-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 7 7W10B	7/25/2001	2,6-Dinitrotoluene	µg/L	ND	8	SW8270C	
SITE 7 7W10B	7/25/2001	4-Nitrophenol	µg/L	ND	16	SW8270C	
SITE 7 7W10B	7/25/2001	Antimony	µg/L	ND	3	SW6020	
SITE 7 7W10B	7/25/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7W10B	7/25/2001	Barium	µg/L	89.2	10	SW6020	
SITE 7 7W10B	7/25/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 7 7W10B	7/25/2001	Butyl benzyl phthalate	µg/L	ND	8	SW8270C	
SITE 7 7W10B	7/25/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W10B	7/25/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W10B	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7W10B	7/25/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7W10B	7/25/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W10B	7/25/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W10B	7/25/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W10B	7/25/2001	pH	SU	6.55	NA	SM4500-H+-B	
SITE 7 7W10B	7/25/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W10B	7/25/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W10B	7/25/2001	Specific Conductivity	µmhos/cm	1190	1	SM2510 B	
SITE 7 7W10B	7/25/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W10C	7/24/2001	2,4-Dinitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W10C	7/24/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W10C	7/24/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W10C	7/24/2001	4-Nitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W10C	7/24/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7W10C	7/24/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7W10C	7/24/2001	Barium	µg/L	46.1	10	SW6020	
SITE 7 7W10C	7/24/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 7 7W10C	7/24/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W10C	7/24/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W10C	7/24/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W10C	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7W10C	7/24/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7W10C	7/24/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W10C	7/24/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W10C	7/24/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W10C	7/24/2001	pH	SU	6.84	NA	SM4500-H+-B	
SITE 7 7W10C	7/24/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W10C	7/24/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W10C	7/24/2001	Specific Conductivity	µmhos/cm	863	1	SM2510 B	
SITE 7 7W10C	7/24/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W11B	7/25/2001	2,4-Dinitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W11B	7/25/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	7/25/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W11B	7/25/2001	4-Nitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W11B	7/25/2001	Antimony	µg/L	ND	3	SW6020	
SITE 7 7W11B	7/25/2001	Arsenic	µg/L	ND	10	SW6020	

SITE 7 7W11B	7/25/2001	Barium	µg/L	29.4	10	SW6020	
SITE 7 7W11B	7/25/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 7 7W11B	7/25/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W11B	7/25/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W11B	7/25/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W11B	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7W11B	7/25/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7W11B	7/25/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W11B	7/25/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W11B	7/25/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W11B	7/25/2001	pH	SU	6.06	NA	SM4500-H+-B	
SITE 7 7W11B	7/25/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W11B	7/25/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W11B	7/25/2001	Specific Conductivity	µmhos/cm	1300	1	SM2510 B	
SITE 7 7W11B	7/25/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W13	7/24/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7 7W13	7/24/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W13	7/24/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W13	7/24/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7 7W13	7/24/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7 7W13	7/24/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7W13	7/24/2001	Barium	µg/L	11.9	10	SW6020	
SITE 7 7W13	7/24/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7 7W13	7/24/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W13	7/24/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W13	7/24/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W13	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7W13	7/24/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7W13	7/24/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W13	7/24/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W13	7/24/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W13	7/24/2001	pH	SU	7.35	NA	SM4500-H+-B	
SITE 7 7W13	7/24/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W13	7/24/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W13	7/24/2001	Specific Conductivity	µmhos/cm	1750	1	SM2510 B	
SITE 7 7W13	7/24/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7W9C	7/25/2001	2,4-Dinitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W9C	7/25/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W9C	7/25/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7W9C	7/25/2001	4-Nitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7W9C	7/25/2001	Antimony	µg/L	ND	3	SW6020	
SITE 7 7W9C	7/25/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7W9C	7/25/2001	Barium	µg/L	17.1	10	SW6020	
SITE 7 7W9C	7/25/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 7 7W9C	7/25/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7W9C	7/25/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7W9C	7/25/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7W9C	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7W9C	7/25/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 7W9C	7/25/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7W9C	7/25/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7W9C	7/25/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 7W9C	7/25/2001	pH	SU	6.61	NA	SM4500-H+-B	
SITE 7 7W9C	7/25/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7W9C	7/25/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7W9C	7/25/2001	Specific Conductivity	µmhos/cm	1640	1	SM2510 B	
SITE 7 7W9C	7/25/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 7WCA	7/25/2001	2,4-Dinitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7WCA	7/25/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7WCA	7/25/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 7WCA	7/25/2001	4-Nitrophenol	µg/L	ND	18	SW8270C	
SITE 7 7WCA	7/25/2001	Antimony	µg/L	ND	3	SW6020	
SITE 7 7WCA	7/25/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 7WCA	7/25/2001	Barium	µg/L	15.4	10	SW6020	
SITE 7 7WCA	7/25/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 7 7WCA	7/25/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 7WCA	7/25/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 7WCA	7/25/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7 7WCA	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 7WCA	7/25/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	

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SITE 7 7WCA	7/25/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 7WCA	7/25/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 7WCA	7/25/2001	Nickel	µg/L	24.1	10	SW6020	
SITE 7 7WCA	7/25/2001	pH	SU	6.43	NA	SM4500-H+-B	
SITE 7 7WCA	7/25/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 7WCA	7/25/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 7WCA	7/25/2001	Specific Conductivity	µmhos/cm	1380	1	SM2510 B	
SITE 7 7WCA	7/25/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 DUPLICATE	7/24/2001	2,4-Dinitrophenol	µg/L	ND	18	SW8270C	
SITE 7 DUPLICATE	7/24/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 DUPLICATE	7/24/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 DUPLICATE	7/24/2001	4-Nitrophenol	µg/L	ND	18	SW8270C	
SITE 7 DUPLICATE	7/24/2001	Antimony	µg/L	ND	3	SW6020	
SITE 7 DUPLICATE	7/24/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7 DUPLICATE	7/24/2001	Barium	µg/L	40.2	10	SW6020	
SITE 7 DUPLICATE	7/24/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7 DUPLICATE	7/24/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 DUPLICATE	7/24/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7 DUPLICATE	7/24/2001	Chromium	µg/L	7.06	5	SW6020	
SITE 7 DUPLICATE	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 DUPLICATE	7/24/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7 DUPLICATE	7/24/2001	Lead	µg/L	ND	1	SW6020	
SITE 7 DUPLICATE	7/24/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7 DUPLICATE	7/24/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7 DUPLICATE	7/24/2001	pH	SU	6.69	NA	SM4500-H+-B	
SITE 7 DUPLICATE	7/24/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7 DUPLICATE	7/24/2001	Silver	µg/L	ND	2	SW6020	
SITE 7 DUPLICATE	7/24/2001	Specific Conductivity	µmhos/cm	874	1	SM2510 B	
SITE 7 DUPLICATE	7/24/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7 TRIP BLANK	7/24/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7 TRIP BLANK	7/24/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 TRIP BLANK	7/24/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 TRIP BLANK	7/24/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7 TRIP BLANK	7/24/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7 TRIP BLANK	7/24/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7 TRIP BLANK	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7 TRIP BLANK	7/25/2001	2,4-Dinitrophenol	µg/L	ND	18	SW8270C	
SITE 7 TRIP BLANK	7/25/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 TRIP BLANK	7/25/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7 TRIP BLANK	7/25/2001	4-Nitrophenol	µg/L	ND	18	SW8270C	
SITE 7 TRIP BLANK	7/25/2001	Bis(2-ethylhexyl)phthalate	µg/L	9.62	5	SW8270C	
SITE 7 TRIP BLANK	7/25/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7W12B	7/24/2001	2,4-Dinitrophenol	µg/L	ND	17	SW8270C	
SITE 7W12B	7/24/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7W12B	7/24/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7W12B	7/24/2001	4-Nitrophenol	µg/L	ND	17	SW8270C	
SITE 7W12B	7/24/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7W12B	7/24/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7W12B	7/24/2001	Barium	µg/L	41.6	10	SW6020	
SITE 7W12B	7/24/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	5	SW8270C	
SITE 7W12B	7/24/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7W12B	7/24/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7W12B	7/24/2001	Chromium	µg/L	7.11	5	SW6020	
SITE 7W12B	7/24/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7W12B	7/24/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7W12B	7/24/2001	Lead	µg/L	ND	1	SW6020	
SITE 7W12B	7/24/2001	Mercury	µg/L	ND	1	SW7470	
SITE 7W12B	7/24/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7W12B	7/24/2001	pH	SU	6.63	NA	SM4500-H+-B	
SITE 7W12B	7/24/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7W12B	7/24/2001	Silver	µg/L	ND	2	SW6020	
SITE 7W12B	7/24/2001	Specific Conductivity	µmhos/cm	864	1	SM2510 B	
SITE 7W12B	7/24/2001	Thallium	µg/L	ND	1	SW6020	

SiteID	ClientSampID	CollectionDate	Analyte	Units	Result	QuantLimit	TestNo	Qualifiers
SITE 7	7MW6	10/30/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7MW6	10/30/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7MW6	10/30/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7MW6	10/30/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7MW6	10/30/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7	7MW6	10/30/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7	7MW6	10/30/2001	Barium	µg/L	18.6	10	SW6020	
SITE 7	7MW6	10/30/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	7MW6	10/30/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	
SITE 7	7MW6	10/30/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7	7MW6	10/30/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7	7MW6	10/30/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7	7MW6	10/30/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7	7MW6	10/30/2001	Lead	µg/L	ND	1	SW6020	
SITE 7	7MW6	10/30/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 7	7MW6	10/30/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7	7MW6	10/30/2001	pH	SU	7.15	NA	SM4500-H+-B	
SITE 7	7MW6	10/30/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7	7MW6	10/30/2001	Silver	µg/L	ND	2	SW6020	
SITE 7	7MW6	10/30/2001	Specific Conductivity	µmhos/cm	2030	1	SM2510 B	
SITE 7	7MW6	10/30/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7	7W10B	10/31/2001	2,4-Dinitrophenol	µg/L	ND	20	SW8270C	
SITE 7	7W10B	10/31/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W10B	10/31/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W10B	10/31/2001	4-Nitrophenol	µg/L	ND	20	SW8270C	
SITE 7	7W10B	10/31/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7	7W10B	10/31/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7	7W10B	10/31/2001	Barium	µg/L	97.8	10	SW6020	
SITE 7	7W10B	10/31/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	7W10B	10/31/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	
SITE 7	7W10B	10/31/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7	7W10B	10/31/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7	7W10B	10/31/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7	7W10B	10/31/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7	7W10B	10/31/2001	Lead	µg/L	ND	1	SW6020	
SITE 7	7W10B	10/31/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 7	7W10B	10/31/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7	7W10B	10/31/2001	pH	SU	6.77	NA	SM4500-H+-B	
SITE 7	7W10B	10/31/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7	7W10B	10/31/2001	Silver	µg/L	ND	2	SW6020	
SITE 7	7W10B	10/31/2001	Specific Conductivity	µmhos/cm	1150	1	SM2510 B	
SITE 7	7W10B	10/31/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7	7W10C	10/30/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7W10C	10/30/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W10C	10/30/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W10C	10/30/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7W10C	10/30/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7	7W10C	10/30/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7	7W10C	10/30/2001	Barium	µg/L	50	10	SW6020	
SITE 7	7W10C	10/30/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	7W10C	10/30/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	
SITE 7	7W10C	10/30/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7	7W10C	10/30/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7	7W10C	10/30/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7	7W10C	10/30/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7	7W10C	10/30/2001	Lead	µg/L	ND	1	SW6020	
SITE 7	7W10C	10/30/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 7	7W10C	10/30/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7	7W10C	10/30/2001	pH	SU	7.12	NA	SM4500-H+-B	
SITE 7	7W10C	10/30/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7	7W10C	10/30/2001	Silver	µg/L	ND	2	SW6020	
SITE 7	7W10C	10/30/2001	Specific Conductivity	µmhos/cm	863	1	SM2510 B	
SITE 7	7W10C	10/30/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7	7W11B	10/31/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7W11B	10/31/2001	2,4-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7	7W11B	10/31/2001	2,6-Dinitrotoluene	µg/L	ND	9	SW8270C	
SITE 7	7W11B	10/31/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7W11B	10/31/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7	7W11B	10/31/2001	Arsenic	µg/L	ND	10	SW6020	

SITE 7	7W11B	10/31/2001	Barium	µg/L	21.9	10	SW6020	
SITE 7	7W11B	10/31/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	7W11B	10/31/2001	Butyl benzyl phthalate	µg/L	ND	9	SW8270C	
SITE 7	7W11B	10/31/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7	7W11B	10/31/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7	7W11B	10/31/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7	7W11B	10/31/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7	7W11B	10/31/2001	Lead	µg/L	ND	1	SW6020	
SITE 7	7W11B	10/31/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 7	7W11B	10/31/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7	7W11B	10/31/2001	pH	SU	6.3	NA	SM4500-H+-B	
SITE 7	7W11B	10/31/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7	7W11B	10/31/2001	Silver	µg/L	ND	2	SW6020	
SITE 7	7W11B	10/31/2001	Specific Conductivity	µmhos/cm	1410	1	SM2510 B	
SITE 7	7W11B	10/31/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7	7W12B	10/30/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7W12B	10/30/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W12B	10/30/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W12B	10/30/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7W12B	10/30/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7	7W12B	10/30/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7	7W12B	10/30/2001	Barium	µg/L	42.8	10	SW6020	
SITE 7	7W12B	10/30/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	7W12B	10/30/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	
SITE 7	7W12B	10/30/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7	7W12B	10/30/2001	Chromium	µg/L	6.36	5	SW6020	
SITE 7	7W12B	10/30/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7	7W12B	10/30/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7	7W12B	10/30/2001	Lead	µg/L	ND	1	SW6020	
SITE 7	7W12B	10/30/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 7	7W12B	10/30/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7	7W12B	10/30/2001	pH	SU	6.9	NA	SM4500-H+-B	
SITE 7	7W12B	10/30/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7	7W12B	10/30/2001	Silver	µg/L	ND	2	SW6020	
SITE 7	7W12B	10/30/2001	Specific Conductivity	µmhos/cm	1000	1	SM2510 B	
SITE 7	7W12B	10/30/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7	7W13	10/30/2001	2,4-Dinitrophenol	µg/L	ND	20	SW8270C	
SITE 7	7W13	10/30/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W13	10/30/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W13	10/30/2001	4-Nitrophenol	µg/L	ND	20	SW8270C	
SITE 7	7W13	10/30/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7	7W13	10/30/2001	Arsenic	µg/L	11.6	10	SW6020	
SITE 7	7W13	10/30/2001	Barium	µg/L	14.3	10	SW6020	
SITE 7	7W13	10/30/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	7W13	10/30/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	
SITE 7	7W13	10/30/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7	7W13	10/30/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7	7W13	10/30/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7	7W13	10/30/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7	7W13	10/30/2001	Lead	µg/L	ND	1	SW6020	
SITE 7	7W13	10/30/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 7	7W13	10/30/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7	7W13	10/30/2001	pH	SU	7.25	NA	SM4500-H+-B	
SITE 7	7W13	10/30/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7	7W13	10/30/2001	Silver	µg/L	ND	2	SW6020	
SITE 7	7W13	10/30/2001	Specific Conductivity	µmhos/cm	1720	1	SM2510 B	
SITE 7	7W13	10/30/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7	7W9C	10/31/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7W9C	10/31/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W9C	10/31/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7W9C	10/31/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7W9C	10/31/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7	7W9C	10/31/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7	7W9C	10/31/2001	Barium	µg/L	17.9	10	SW6020	
SITE 7	7W9C	10/31/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	7W9C	10/31/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	
SITE 7	7W9C	10/31/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7	7W9C	10/31/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7	7W9C	10/31/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7	7W9C	10/31/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	

SITE 7	7W9C	10/31/2001	Lead	µg/L	ND	1	SW6020	
SITE 7	7W9C	10/31/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 7	7W9C	10/31/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7	7W9C	10/31/2001	pH	SU	6.81	NA	SM4500-H+-B	
SITE 7	7W9C	10/31/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7	7W9C	10/31/2001	Silver	µg/L	ND	2	SW6020	
SITE 7	7W9C	10/31/2001	Specific Conductivity	µmhos/cm	1680	1	SM2510 B	
SITE 7	7W9C	10/31/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7	7WCA	10/31/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7WCA	10/31/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7WCA	10/31/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	7WCA	10/31/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7	7WCA	10/31/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7	7WCA	10/31/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7	7WCA	10/31/2001	Barium	µg/L	20.1	10	SW6020	
SITE 7	7WCA	10/31/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	7WCA	10/31/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	
SITE 7	7WCA	10/31/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7	7WCA	10/31/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7	7WCA	10/31/2001	Cobalt	µg/L	19.8	5	SW6020	
SITE 7	7WCA	10/31/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7	7WCA	10/31/2001	Lead	µg/L	ND	1	SW6020	
SITE 7	7WCA	10/31/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 7	7WCA	10/31/2001	Nickel	µg/L	35.6	10	SW6020	
SITE 7	7WCA	10/31/2001	pH	SU	6.58	NA	SM4500-H+-B	
SITE 7	7WCA	10/31/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7	7WCA	10/31/2001	Silver	µg/L	ND	2	SW6020	
SITE 7	7WCA	10/31/2001	Specific Conductivity	µmhos/cm	1410	1	SM2510 B	
SITE 7	7WCA	10/31/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7	DUPLICATE	10/31/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7	DUPLICATE	10/31/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	DUPLICATE	10/31/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	DUPLICATE	10/31/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7	DUPLICATE	10/31/2001	Antimony	µg/L	ND	1	SW6020	
SITE 7	DUPLICATE	10/31/2001	Arsenic	µg/L	ND	10	SW6020	
SITE 7	DUPLICATE	10/31/2001	Barium	µg/L	16.5	10	SW6020	
SITE 7	DUPLICATE	10/31/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	DUPLICATE	10/31/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	
SITE 7	DUPLICATE	10/31/2001	Cadmium	µg/L	ND	1	SW6020	
SITE 7	DUPLICATE	10/31/2001	Chromium	µg/L	ND	5	SW6020	
SITE 7	DUPLICATE	10/31/2001	Cobalt	µg/L	ND	5	SW6020	
SITE 7	DUPLICATE	10/31/2001	Cyanide, Total	µg/L	ND	20	SW9010/9012A	
SITE 7	DUPLICATE	10/31/2001	Lead	µg/L	ND	1	SW6020	
SITE 7	DUPLICATE	10/31/2001	Mercury	µg/L	ND	1	SW7470A	
SITE 7	DUPLICATE	10/31/2001	Nickel	µg/L	ND	10	SW6020	
SITE 7	DUPLICATE	10/31/2001	pH	SU	6.85	NA	SM4500-H+-B	
SITE 7	DUPLICATE	10/31/2001	Selenium	µg/L	ND	10	SW7740	
SITE 7	DUPLICATE	10/31/2001	Silver	µg/L	ND	2	SW6020	
SITE 7	DUPLICATE	10/31/2001	Specific Conductivity	µmhos/cm	1690	1	SM2510 B	
SITE 7	DUPLICATE	10/31/2001	Thallium	µg/L	ND	1	SW6020	
SITE 7	TRIP BLANK 10	10/31/2001	2,4-Dinitrophenol	µg/L	ND	19	SW8270C	
SITE 7	TRIP BLANK 10	10/31/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	TRIP BLANK 10	10/31/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	TRIP BLANK 10	10/31/2001	4-Nitrophenol	µg/L	ND	19	SW8270C	
SITE 7	TRIP BLANK 10	10/31/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	TRIP BLANK 10	10/31/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	
SITE 7	TRIP BLANK 10	10/30/2001	2,4-Dinitrophenol	µg/L	ND	20	SW8270C	
SITE 7	TRIP BLANK 10	10/30/2001	2,4-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	TRIP BLANK 10	10/30/2001	2,6-Dinitrotoluene	µg/L	ND	10	SW8270C	
SITE 7	TRIP BLANK 10	10/30/2001	4-Nitrophenol	µg/L	ND	20	SW8270C	
SITE 7	TRIP BLANK 10	10/30/2001	Bis(2-ethylhexyl)phthalate	µg/L	ND	6	SW8270C	
SITE 7	TRIP BLANK 10	10/30/2001	Butyl benzyl phthalate	µg/L	ND	10	SW8270C	

APPENDIX B

**ESTABLISHED BACKGROUND VALUES AND COMPUTATIONS FOR HWMU-7
FROM
GROUNDWATER QUALITY ASSESSMENT REPORT – HWMU-7
ENVIRONMENTAL RESOURCES MANAGEMENT
AUGUST 24, 1998**

April 1995 letter from the DEQ to J. Redder, Hercules, Inc. (now Alliant TechSystems, Inc.). The lists incorporate requirements outlined in the Virginia Hazardous Waste Management Regulations (VR 672-10-1) Sections 9.5.C and 9.5.D. These include the Indicator Parameters, Ground Water Quality Parameters, EPA Interim Primary Drinking Water Standards, Known Hazardous Waste Constituents, and Detected VHWMR Appendix 10.6 Constituents. A demonstration was made to the DEQ that several hazardous waste constituents had not been detected for six consecutive quarters. As a result, these constituents have not been analyzed for on a regular basis. These are highlighted in the Table 3-1.

Additional parameters have not been detected in any of the wells. During the meeting between Alliant and DEQ on 21 May 1996, DEQ suggested that the recommendations to temporarily cease sampling additional constituents that had not been detected in six or more consecutive sampling events made in the GWQAP addendum submitted 3 November 1995 would better be addressed in the post closure permitting process. Therefore, those additional constituents will not be addressed in this report.

3.4

UNIT 7 GROUND WATER BACKGROUND VALUES

As requested in the DEQ's 23 July letter, background values were calculated for each parameter .

As discussed with DEQ, Alliant believes the analytical data to be questionable in some cases. DEQ has agreed in a 9 April 1996 letter to C. Jake (Alliant) that only total metals will be measured, as described in an EPA Region III guidance on ground water sampling in karst terrain. Another case of questionable data involves an increase in Total Organic Carbon (TOC) concentrations by a factor of 10. As such, the TOC concentrations from 1995 through 1997 were used to calculate the background values. Table 3-2 presents the *Historical Maximum Values*, which were used to develop the isocontour maps.

As requested in the DEQ's 23 July 1998 letter, using the data from well 7W12B, background values were calculated for each parameter in the ground water monitoring program. However, as a result of the 21 May 1996 meeting and subsequent telephone conversations, these background values are being submitted in accordance with the regulations and shown on the isocontour maps but were not utilized for purposes of this report.

Additionally, calculations of background values based on the 95% confidence, 95% coverage upper tolerance limit require that data distributions be normal or lognormal. Some of the data do not fulfill this requirement

3.5

UNIT 7 STATISTICAL ANALYSIS

Statistical evaluations for Unit 7 are performed annually and submitted as part of the Annual Reporting requirements found in the VHWMR Section 9.5. As a result of the 21 May 1996 meeting between Alliant and DEQ, Alliant has established background ground water concentrations for the upgradient well, 7W12B utilizing the Virginia DEQ *"Guidance on Statistical Methods for Ground Water Data Analysis at a Solid Waste or Hazardous Waste Site, Version 2.0, 1995"*. In response to Mr. Glenn von Gonten's letter dated 23 July, 1998, Alliant has revised the background concentrations to include sample data collected in 1997. These values can be found in Table 3-3. Methods used for background concentration computation and statistical analysis are described below.

The following parameters were 100% Non-Detected in 20 or more sampling events. The downgradient well data points were compared to the laboratory PQLs in a nonparametric statistical manner or to the applicable MCL or VGWPS (if one exists). Background values were then estimated by using the laboratory PQL for that constituent.

<i>Parameter</i>	<i>PQL (ppb)</i>	<i>Sample Size</i>	<i>% Non- Detect</i>	<i>MCL or VGWPS (ppb)</i>
2,4-DNT	0.2	22	100	None
2,6-DNT	0.1	22	100	None
2,4 Dinitrophenol	11	11	100	None
Benzyl Alcohol	8	8	100	None
Cyanide	20	20	100	5
Bis(2- ethyl hexyl) phthalate	9	9	100	None
2 - Nitrophenol	9	9	100	None
4 - Nitrophenol	9	9	100	None
Acetone	100	14	100	None
Antimony	30	14	100	None
Vanadium	40	20	100	None

The following parameter has log-normally distributed data with between 15 and 50 percent Non-Detect values. As such, Cohen's Method was used as an adjustment for the mean and standard deviation, as recommended in the DEQ guidance. Results of the background analysis are summarized in Table 3-4

<i>Parameter</i>	<i>Sample Size</i>	<i>% Non- Detect</i>
Lead	23	34

The following parameters have data with greater than 50% Non-Detects, a minimum sample size of twenty (20). The data were non-normally distributed as indicated using a data distribution statistical method. According to Mr. Glenn von Gonten, DEQ in a 30 July 1996 telephone conversation, the maximum value detected will be used for plume delineation purposes for those constituents with greater than 50% non-detected values. An isocontour map for Total Organic Halides could not

be created because only one sampling point maximum concentration exceeded the background value.

<i>Parameter</i>	<i>Sample Size</i>	<i>% Non-Detect</i>
Arsenic	23	91.3
Cadmium	23	60.9
Chromium	23	56.5
Cobalt	20	65.5
Mercury	23	82.6
Nickel	20	85
Selenium	23	82.6
Thallium	20	70
Total Organic Halides	48	62.5

The following parameters do not have greater than four (4) sampling events and therefore could not be included in this (plume) evaluation:

- 2,4-D
- Gross Beta
- Radium
- Sulfate

The following parameters have between 15 and 50 percent Non-Detect values, and do not have normal or log-normal data distributions. Thus, Cohen's Method could not be used. Per the DEQ's 23 July letter, background concentrations were computed by calculating an upper tolerance limit based on 95% coverage, at a 95% confidence level. It should be noted that upper tolerance limits are not typically used unless the data are normally or log-normally distributed. Background concentration analysis data is summarized in Table 3-4.

<i>Parameter</i>	<i>Sample Size</i>	<i>% Non-Detects</i>
Total Organic Carbon	36	27.2%
Silver	23	47.8%

The remaining parameters have less than 15% Non-Detect values and no data manipulation was required. Computation data for barium, copper, specific conductivity, and zinc are summarized in Table 3-4

<i>Parameter</i>	<i>Sample Size</i>	<i>% Non-Detect</i>
Copper	20	0
PH	92	0
Barium	23	13
Specific Conductivity	92	0
Zinc	20	0

Table 3-3
Unit 7
Background Values

<i>Parameter</i>	<i>Units</i>	<i>Background Value</i>
2,4-DNT	Ppb	0.2
2,6-DNT	Ppb	0.1
Acetone	Ppb	100
Antimony	Ppb	30
Arsenic	Ppb	2.0
Barium	Ppb	64
Cadmium	Ppb	0.4
Chromium	Ppb	34
Cobalt	Ppb	17
Copper	Ppb	49
Cyanide	Ppb	5
Lead	Ppb	14
Mercury	Ppb	0.350
Nickel	Ppb	63
PH	SU	7
Selenium	Ppb	20
Silver	Ppb	2.13
Specific Conductivity	Umhos/sec	1,025
Thallium	Ppb	4
Total Organic Halides	ppb	21
Total Organic Carbon	Ppb	3930
Vanadium	Ppb	40
Zinc	Ppb	217

Table 3-4
STATISTICAL SUMMARY OF BACKGROUND WATER QUALITY DATA

Date	Barium	Copper	Silver	Zinc	Lead	TOC	SpCon
3/31/92	1.00		0.10		0.50		730.00
6/30/92	1.00		0.10		0.50		706.00
9/30/92	1.00		0.10		0.50		370.00
12/31/92	35.00	50.00	0.30	253.00	19.00		798.00
3/31/93	27.00	16.00	0.40	17.00	0.50		722.00
6/30/93	31.00	10.00	0.10	126.00	0.50		715.00
9/30/93	38.00	6.00	0.30	81.00	4.00		895.00
12/31/93	40.00	7.00	0.10	144.00	0.50		918.00
3/31/94	27.00	10.00	0.30	29.00	2.00		723.00
6/30/94	35.00	3.00	0.70	26.00	5.00		750.00
9/30/94	59.00	2.00	0.50	26.00	12.00		891.00
12/31/94	44.00	2.00	3.10	55.00	3.00		880.00
3/30/95	40.00	10.00	0.10	10.20	1.00		822.00
6/29/95	36.00	9.30	0.10	20.00	1.40		740.00
9/30/95	30.00	2.00	0.10	11.00	0.50	1250.00	610.00
12/31/95	37.00	10.00	1.90	49.00	6.00	875.00	840.00
3/31/96	31.00	8.00	0.10	55.00	2.00	500.00	652.00
6/30/96	26.00	3.00	0.10	1.00	0.50	2000.00	608.00
9/30/96	35.00	14.00	0.10	24.00	4.00	500.00	758.00
12/31/96	32.00	3.00	0.30	113.00	6.00	2000.00	768.00
3/31/97	40.00	16.00	0.40	105.00	6.00	1000.00	750.00
6/30/97	32.00	55.00	0.30	135.00	3.00	3000.00	720.00
9/30/97	43.00	29.00	1.20	45.00	3.00	500.00	850.00
Number of Samples	23.00	20.00	23.00	20.00	23.00	9.00	23.00
Mean	31.35	13.27	0.47	66.26	3.54	1291.67	748.52
Standard Deviation	13.91	14.92	0.71	63.06	4.38	870.52	119.05
Shapiro-Wilk W	0.84	0.70	0.57	0.84	0.70	0.87	0.89
Normal Distribution	No	No	No	No	No	Yes	Yes
K	2.33	2.40	2.33	2.40	2.33	3.03	2.33
UTL	63.74	49.01	2.13	217.35	13.74	3930.23	1025.79

Notes: K = Tolerance factor for one-sided normal tolerance interval with probability level of 95% and 95% coverage.
 ULT = Upper Tolerance Limit.