GW-109

AGWMR

6/29/2010

Cypress Engineering

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June 29, 2010

Mr. Glenn von Gonten
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Report of Groundwater Remediation Activities
Transwestern Pipeline Company - WT-1 Station Engine Room Drain Pit Area
Lea County, New Mexico
Case # GW-109R

Dear Glenn,

The enclosed Report of Groundwater Remediation Activities is submitted for your review and files.

If you have any questions or comments regarding this report, please contact me at (281) 797-3420 or Larry Campbell at (575) 625-8022.

Sincerely,

George Robinson

George C. Robinson, PE
President/Principal Engineer

xc w/attachment:

Richard Spell	Transwestern Pipeline Company
Larry Campbell	Transwestern Pipeline Company
Larry Johnson	NMOCD Hobbs District Office

Report of Groundwater Remediation Activities

Transwestern Pipeline Company
WT-1 Compressor Station
Engine Room Drain Pit Area
Lea County, New Mexico

Case # GW-109R

Submitted to:
New Mexico Oil Conservation Division

February 28, 2010

Prepared For:
Transwestern Pipeline Company
6381 North Main Street
Roswell, NM 88201

Prepared by:
Cypress Engineering Services, Inc.
7171 Highway 6 North, Suite 102
Houston, Texas 77095-2422

TABLE OF CONTENTS

LIST OF FIGURES

Figure

LIST OF TABLES

Table

LIST OF APPENDICES

1. Groundwater Monitoring Activities

1.1 Semi-Annual Groundwater Sampling Events

One annual groundwater-sampling event has been completed since the last report of remediation activities. This event was completed on April 28, 2009.

Prior to sampling, the depth to water, and the depth to hydrocarbon where phase-separated hydrocarbons (PSH) were present, was determined for each monitoring well. The measured depth to water and the corresponding water table elevation for each monitoring well is presented in Table 1. Similar measurements obtained from the remediation wells are presented in Table 2.

Groundwater samples were collected from selected monitoring wells at the site. Samples were not collected from wells with accumulated PSH in the well casing. Groundwater samples were delivered to a laboratory for analysis for volatile organic compounds (VOCs) by EPA Method 8260, selected inorganic constituents by EPA Methods 6010 or 7470 (mercury), total dissolved solids by EPA Method 160.1, chlorides by EPA Method 325.2, nitrate and nitrite by EPA Method 353.1, and sulfate by EPA Method 375.4. A summary of field measured groundwater quality parameters (pH, temperature, electrical conductivity and dissolved oxygen) is presented in Table 3. A summary of organic and inorganic laboratory results is presented in Tables 4, 5, and 6. A copy of the laboratory results for each of the sampling events is included as an appendix to this report.

1.2 Results/Conclusions from Groundwater Sampling Events

1.2.1 Occurrence and Direction of Groundwater Flow

A water table elevation map based on measurements obtained in the course of the April 28, 2009 sampling event is included as Figure 3. The apparent direction of groundwater flow is consistent with water table elevation maps previously developed for this site.

1.2.2 Lateral Extent of Phase Separated Hydrocarbon

The lateral extent of PSH is currently defined by the intermittent occurrence of PSH at the water table in wells MW-1, MW-2, RW-1, RW-2, RW-3, and RW-8, and the absence of a measurable thickness of PSH in all other wells. In the course of the April 2009 sampling event, PSH was measured in just two wells, MW-1 and MW-2.

1.2.3 Condition of Affected Groundwater

The primary constituents of concern are benzene, 1,1-dichloroethane, and trichloroethene. Contaminant distribution diagrams for BTEX, selected VOCs, and selected inorganic constituents are included as Figure 4, Figure 5, and Figure 6, respectively. Concentration history plots for the ten monitoring wells are included in Appendix A. The condition of affected groundwater has not changed significantly from previous sampling events as evidenced by the information presented in Table 4 and Table 6. However, there has been a downward trend for VOC contaminants at the two downgradient wells, MW-14 and MW-17. A similar downward trend is evident at the easternmost and the westernmost perimeter wells, MW-15 and MW-16.

2. Status of Remediation Activities

2.1 Remediation Activities Completed through December 2009

The following remediation activities have been completed since the last report of groundwater remediation activities:

1) One groundwater-sampling event was completed.

2.2 Remediation Activities Planned for January 2010 through December 2010

There are no planned remediation activities other than continued groundwater monitoring.

3. Proposed Modifications

3.1 Modifications to the Routine Groundwater Sampling Plan

There are no planned changes to the sampling analysis plan (SAP). Annual sampling will continue in accordance with the SAP presented in Table 8.

3.2 Reporting Frequency

Annual reporting will continue with the next scheduled report being submitted to the OCD by February 28, 2011.

f:/.../projects/tw...dehy/drawings/wt-1 facility diagram.dwg (2/8/05)

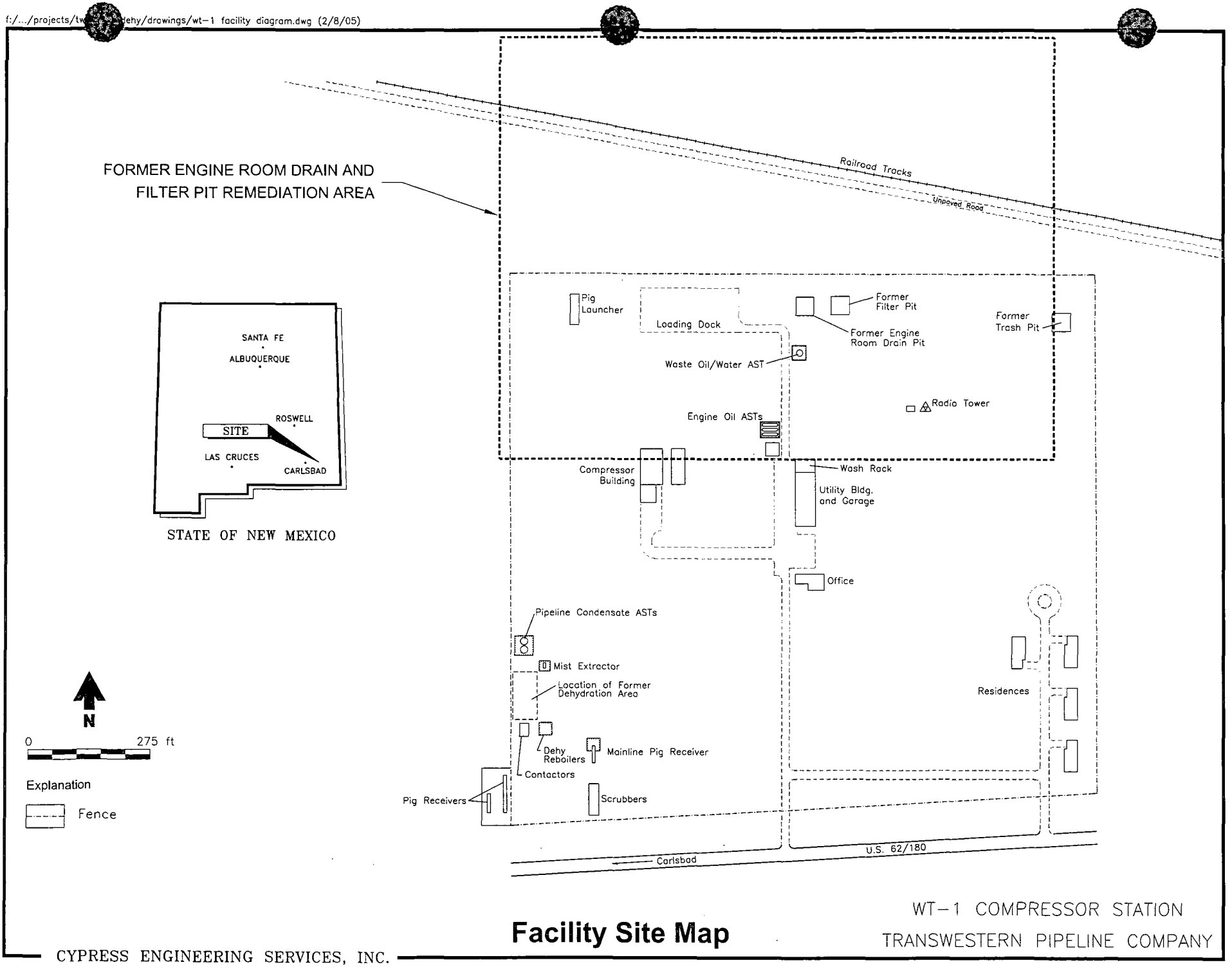

FIGURE 1

Facility Site Map

WT-1 COMPRESSOR STATION
TRANSWESTERN PIPELINE COMPANY

CYPRESS ENGINEERING SERVICES, INC.

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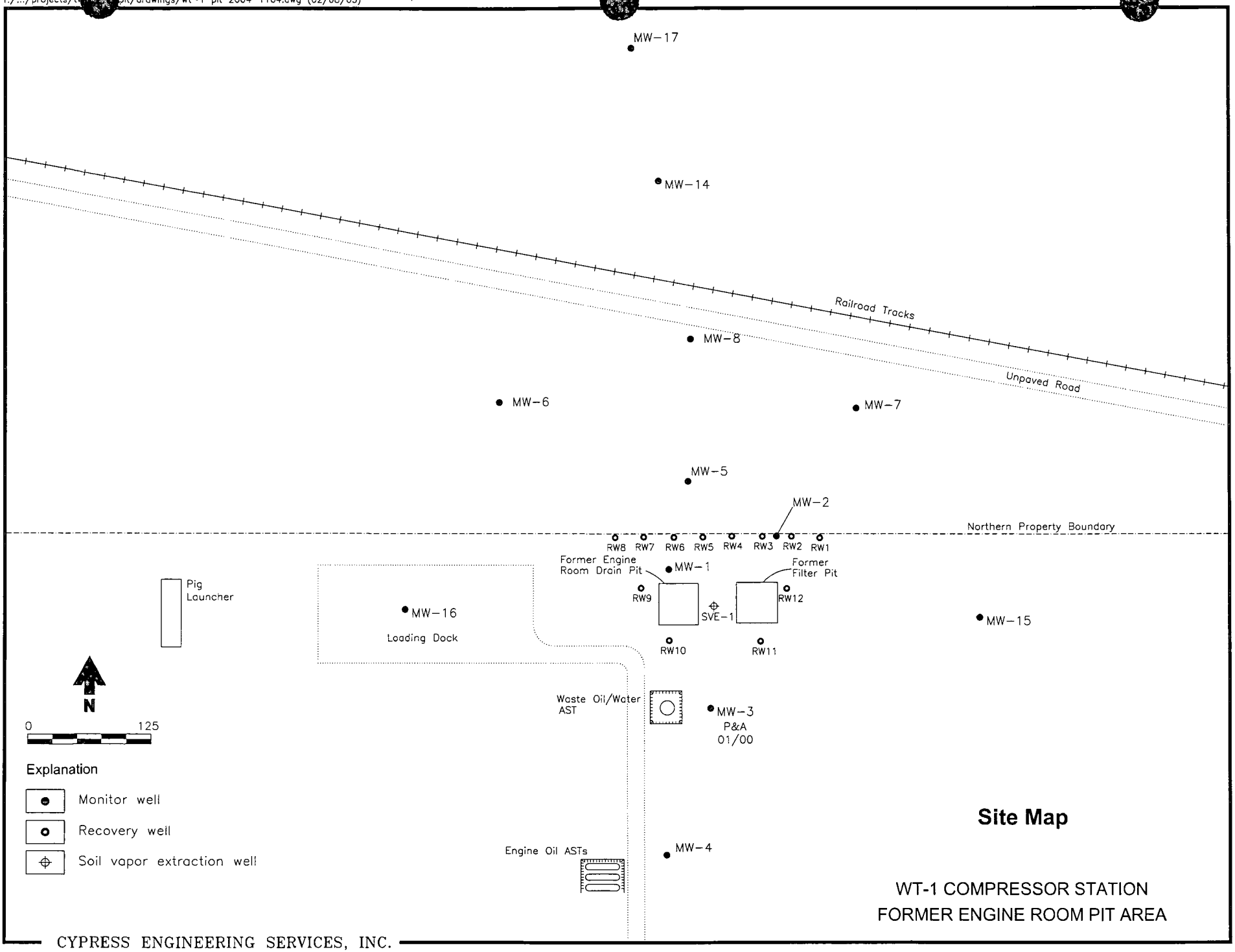


Site Map

WT-1 COMPRESSOR STATION
FORMER ENGINE ROOM PIT AREA

Figure 2

CYPRESS ENGINEERING SERVICES, INC.

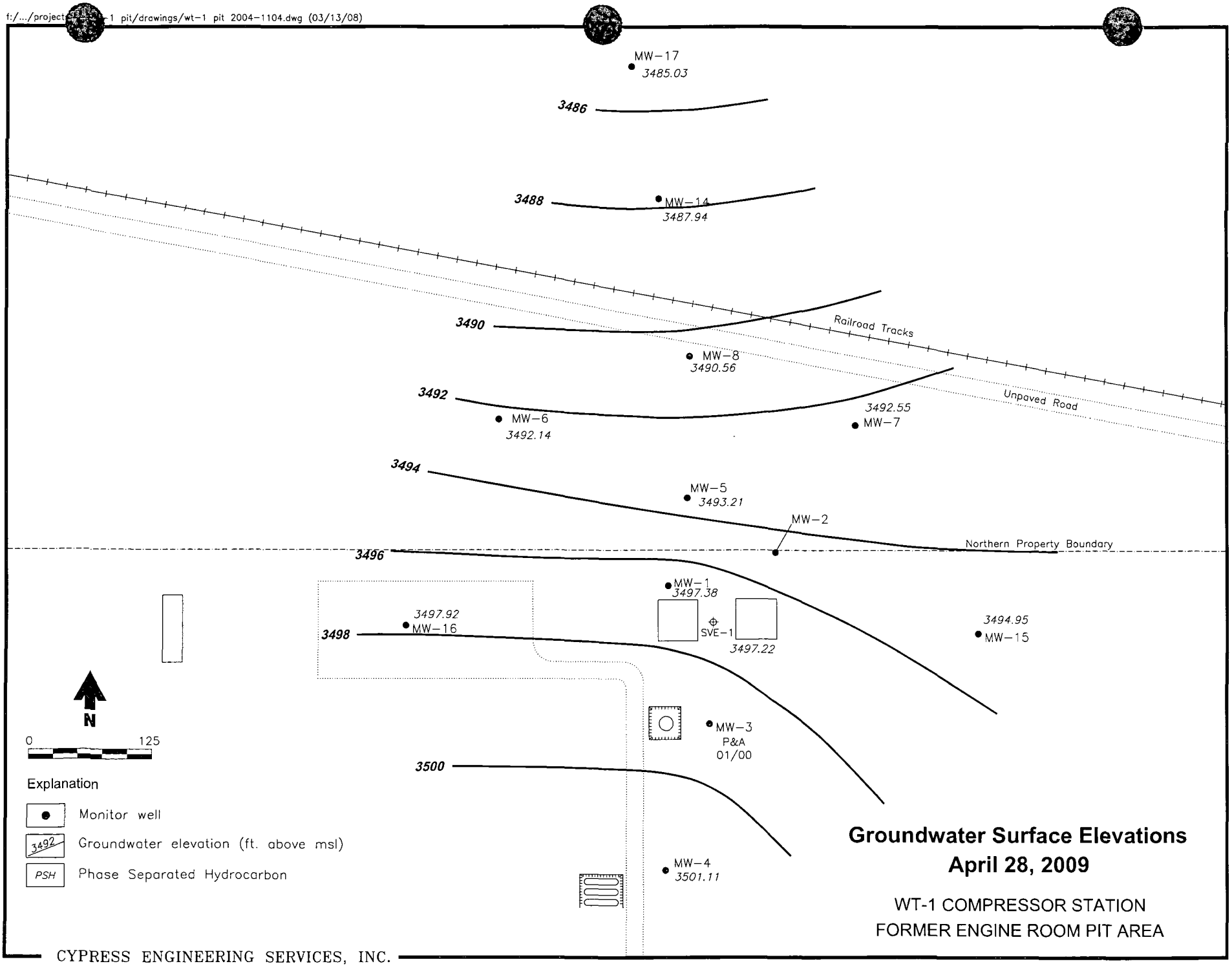
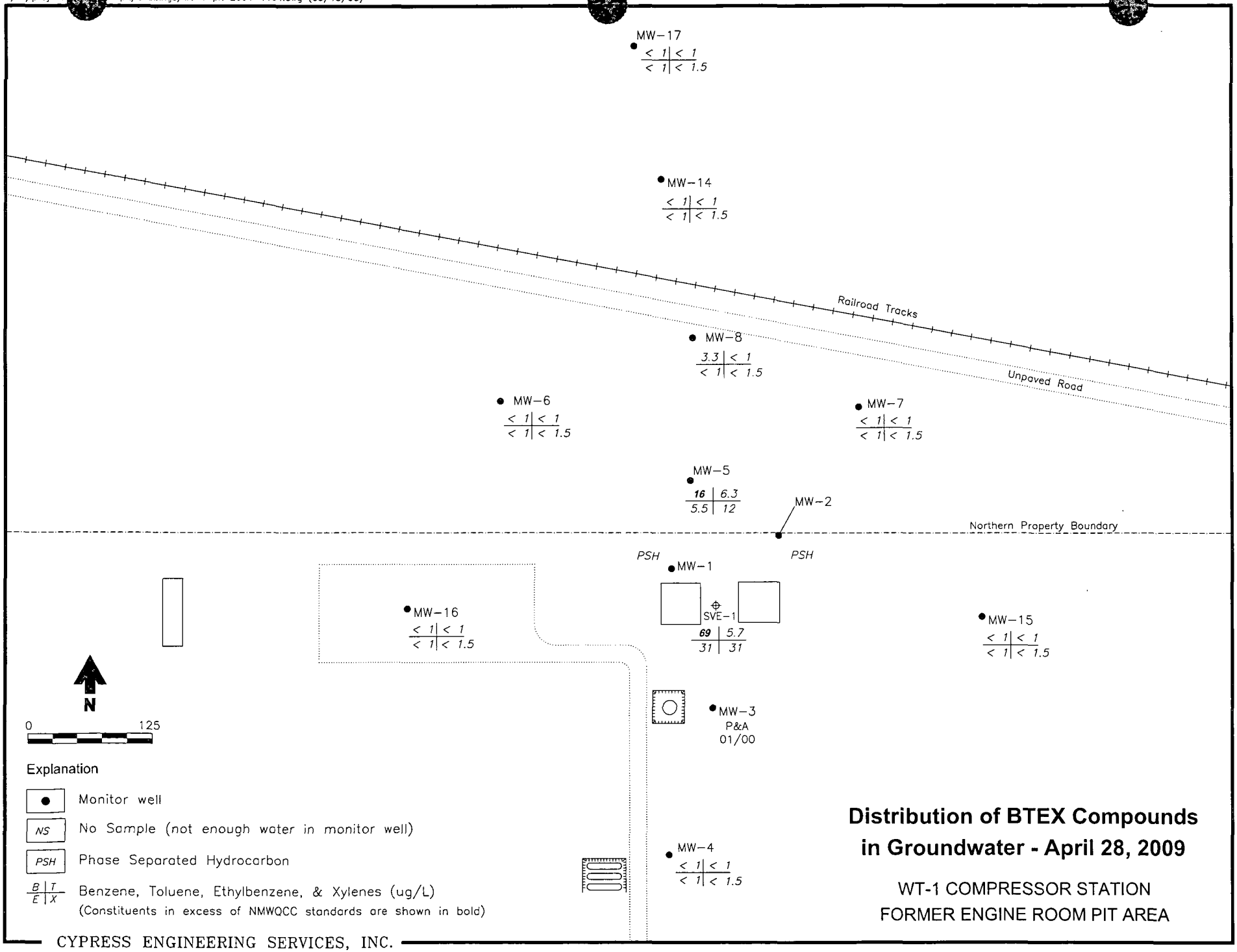


Figure 3

CYPRESS ENGINEERING SERVICES, INC.



Distribution of BTEX Compounds in Groundwater - April 28, 2009

WT-1 COMPRESSOR STATION
FORMER ENGINE ROOM PIT AREA

CYPRESS ENGINEERING SERVICES, INC.

Figure 4

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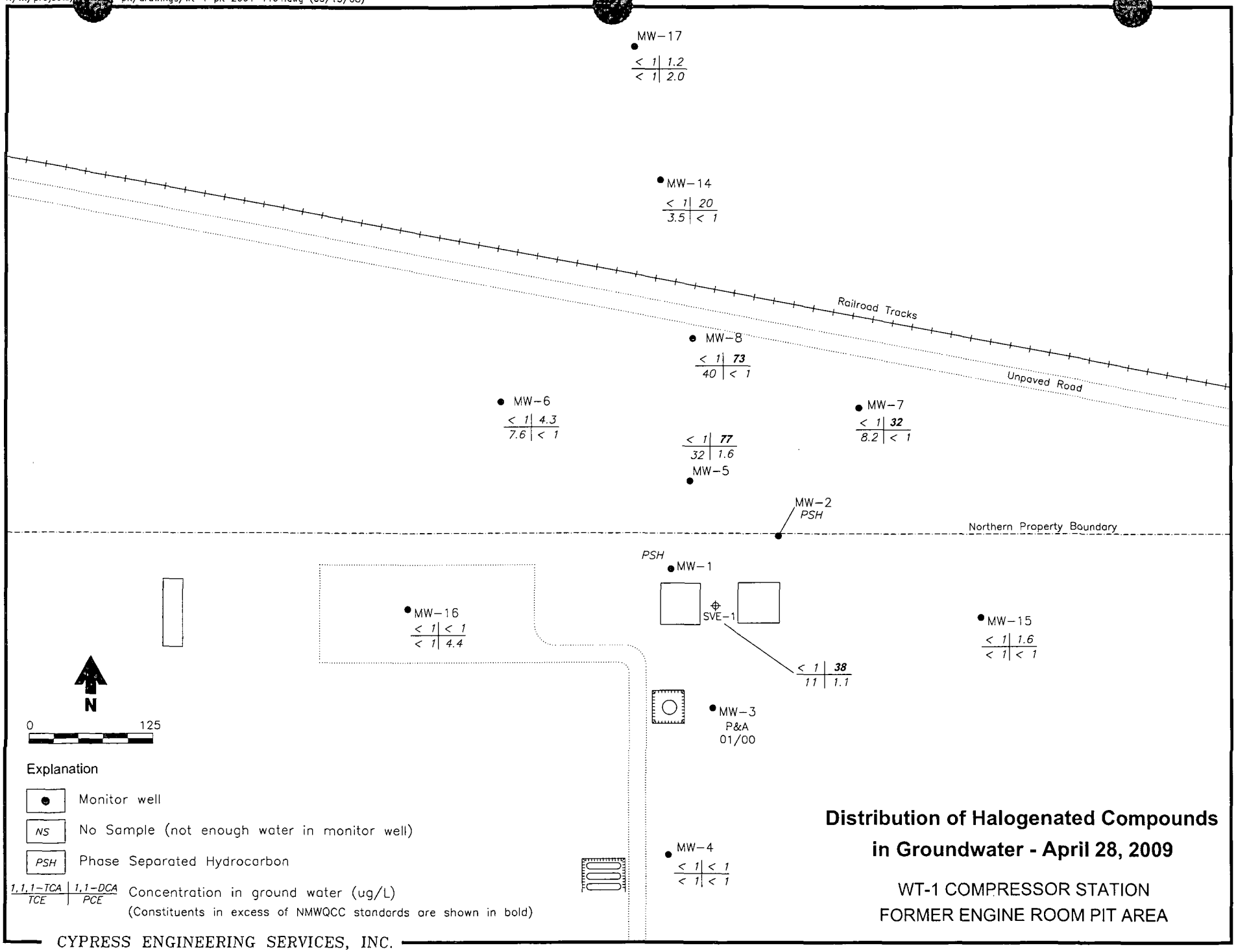

Distribution of Halogenated Compounds in Groundwater - April 28, 2009

WT-1 COMPRESSOR STATION
FORMER ENGINE ROOM PIT AREA

Figure 5

CYPRESS ENGINEERING SERVICES, INC.

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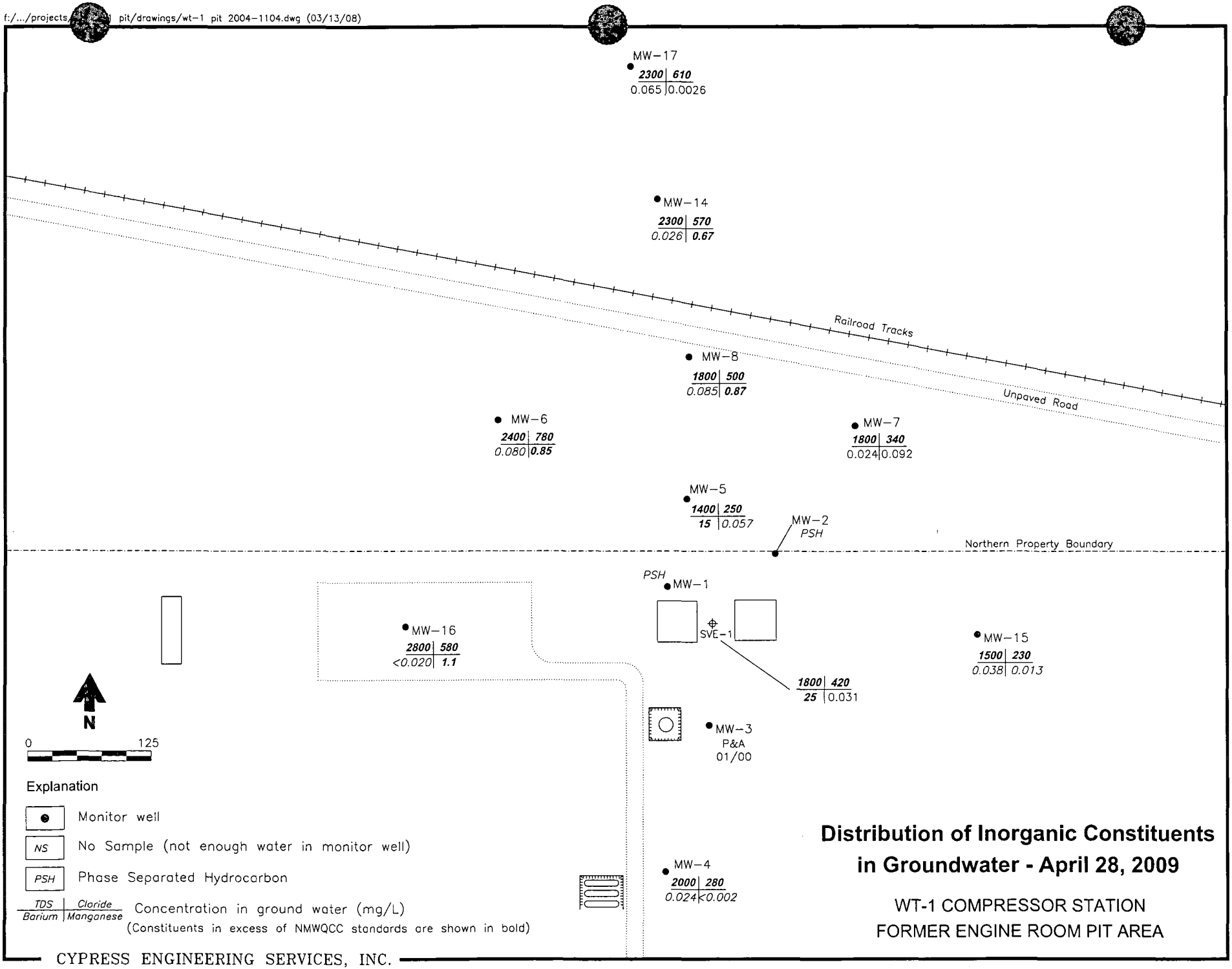

Distribution of Inorganic Constituents in Groundwater - April 28, 2009

WT-1 COMPRESSOR STATION
FORMER ENGINE ROOM PIT AREA

Figure 6

CYPRESS ENGINEERING SERVICES, INC.

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-1	11/15/94	3547.67	(a)	47.59	(a)	3500.08
	09/14/95		(a)	48.85	(a)	3498.82
	11/12/96		(a)	49.79	(a)	3497.88
	02/04/97		(a)	49.71	(a)	3497.96
	05/10/97		(a)	49.86	(a)	3497.81
	08/06/97		(a)	49.90	(a)	3497.77
	10/08/97		(a)	49.76	(a)	3497.91
	01/21/98		(a)	50.73	(a)	3496.94
	04/15/98		(a)	49.68	(a)	3497.99
	07/16/98		(a)	49.91	(a)	3497.76
	01/26/99		(a)	49.39	(a)	3498.28
	07/08/99		(a)	49.52	sheen	3498.15
	01/26/00		(a)	49.43	sheen	3498.24
	07/17/00		(a)	50.04	sheen	3497.63
	11/21/00	3547.65 (c)	(a)	50.66	(a)	3496.99
	02/17/01		(a)	50.73	sheen	3496.92
	08/20/01		(a)	50.72	sheen	3496.93
	02/27/02		(a)	50.63	(a)	3497.02
	07/31/02		(a)	50.68	sheen	3496.97
	02/10/03		(a)	50.77	sheen	3496.88
	08/04/03		(a)	50.90	sheen	3496.75
	05/25/04		(a)	50.55	(a)	3497.10
	11/09/04		(a)	50.91	(a)	3496.74
	04/11/05		(a)	50.55	(a)	3497.10
	12/01/05		(a)	50.50	(a)	3497.15
	05/10/06		(a)	50.46	(a)	3497.19
	12/13/06		(a)	50.35	(a)	3497.30
	06/20/07		(a)	50.20	(a)	3497.45
	12/06/07		(a)	49.77	(a)	3497.88
	06/02/08		49.90	49.91	0.01	3497.75
	12/10/08		50.18	51.08	0.90	3497.29
	04/27/09		50.08	51.02	0.94	3497.38

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-2	11/15/94	3546.28	PSH	-	-	NA
	09/12/95		PSH	-	-	NA
	11/12/96		49.91	-	NA *	NA *
	02/04/97		49.90	52.15	2.25	3495.93
	05/10/97		50.09	52.18	2.09	3495.77
	08/06/97		50.20	52.17	1.97	3495.69
	10/09/97		50.27	52.22	1.95	3495.62
	01/21/98		50.08	--	NA *	NA *
	04/15/98		49.97	--	NA *	NA *
	07/16/98		50.25	--	NA *	NA *
	01/26/99		50.10	--	NA *	NA *
	07/08/99		50.12	--	NA *	NA *
	01/26/00		50.54	52.17	1.63	3495.41
	07/17/00		50.62	--	NA *	NA *
	11/21/00	3546.28 (c)	50.95	--	NA *	NA *
	02/17/01		51.08	52.23	1.15	3494.97
	08/20/01		51.82	--	NA *	NA *
	02/27/02		51.94	--	NA *	NA *
	07/31/02		52.23	--	NA *	NA *
	02/10/03		(a)	dry (TD=52.32)	NA *	NA *
	08/04/03		(a)	dry (TD=52.32)	NA *	NA *
	05/25/04		(a)	dry (TD=52.32)	NA *	NA *
	11/09/04		(a)	dry (TD=52.32)	NA *	NA *
	04/11/05		(a)	dry (TD=52.32)	NA *	NA *
	12/01/05		(a)	dry (TD=52.32)	NA *	NA *
	05/10/06		52.32	PSH to (TD=52.32)	sheen	NA *
	12/13/06		51.81	PSH to (TD=52.32)	NA *	NA *
	06/20/07		51.53	PSH to (TD=52.32)	NA *	NA *
	12/06/07		51.46	PSH to (TD=52.32)	NA *	NA *
	06/02/08		51.20	PSH to (TD=52.30)	NA *	NA *
	12/10/08		51.38	PSH to (TD=52.35)	NA *	NA *
	04/27/09		51.32	PSH to (TD=52.35)	NA *	NA *
MW-3	11/16/94	3548.99	(a)	48.71	(a)	3500.28
	09/12/95		(a)	49.49	(a)	3499.50
	11/12/96		(a)	49.76	(a)	3499.23
	02/04/97		(a)	49.57	(a)	3499.42
	05/10/97		(a)	49.81	(a)	3499.18
	08/06/97		(a)	49.81	(a)	3499.18
	10/08/97		(a)	49.84	(a)	3499.15
	01/21/98		(a)	49.29	(a)	3499.70
	07/16/98		(a)	49.42	(a)	3499.57
	01/26/99		(a)	48.62	(a)	3500.37
	07/08/99		(a)	48.99	(a)	3500.00

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-4	12/01/94	3548.29	(a)	47.18	(a)	3501.11
	09/12/95		(a)	47.50	(a)	3500.79
	11/12/96		(a)	47.50	(a)	3500.79
	02/04/97		(a)	47.51	(a)	3500.78
	05/10/97		(a)	47.51	(a)	3500.78
	08/06/97		(a)	47.49	(a)	3500.80
	10/08/97		(a)	47.43	(a)	3500.86
	01/21/98		(a)	47.02	(a)	3501.27
	04/16/98		(a)	46.81	(a)	3501.48
	07/16/98		(a)	46.75	(a)	3501.54
	01/26/99		(a)	46.36	(a)	3501.93
	07/08/99		(a)	46.76	(a)	3501.53
	01/26/00		(a)	46.91	(a)	3501.38
	07/17/00		(a)	47.33	(a)	3500.96
	11/21/00	3548.29 (c)	(a)	47.51	(a)	3500.78
	02/17/01		(a)	47.46	(a)	3500.83
	08/20/01		(a)	47.45	(a)	3500.84
	02/27/02		(a)	47.00	(a)	3501.29
	07/31/02		(a)	47.09	(a)	3501.20
	02/10/03		(a)	46.92	(a)	3501.37
	08/04/03		(a)	46.72	(a)	3501.57
	05/25/04		(a)	47.20	(a)	3501.09
	11/09/04		(a)	47.00	(a)	3501.29
	04/11/05		(a)	46.72	(a)	3501.57
	12/01/05		(a)	46.48	(a)	3501.81
	05/10/06		(a)	47.09	(a)	3501.20
	12/13/06		(a)	46.41	(a)	3501.88
	06/20/07		(a)	46.95	(a)	3501.34
	12/06/07		(a)	46.62	(a)	3501.67
	06/02/08		(a)	46.92	(a)	3501.37
	12/10/08		(a)	46.85	(a)	3501.44
	04/27/09		(a)	47.18	(a)	3501.11

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-5	12/01/94	3543.59	(a)	48.68	(a)	3494.91
	09/12/95		(a)	49.48	(a)	3494.11
	11/12/96		(a)	50.12	(a)	3493.47
	02/04/97		(a)	50.11	(a)	3493.48
	05/10/97		(a)	50.35	(a)	3493.24
	08/06/97		(a)	50.40	(a)	3493.19
	10/08/97		(a)	50.18	(a)	3493.41
	01/21/98		(a)	50.13	(a)	3493.46
	04/15/98		(a)	50.15	(a)	3493.44
	07/16/98		(a)	50.45	(a)	3493.14
	01/26/99		(a)	50.04	(a)	3493.55
	07/08/99		(a)	50.21	(a)	3493.38
	01/26/00		(a)	50.07	(a)	3493.52
	07/17/00		(a)	50.53	(a)	3493.06
	11/21/00	3543.60 (c)	(a)	50.98	(a)	3492.62
	02/17/01		(a)	51.04	(a)	3492.56
	08/20/01		(a)	51.09	(a)	3492.51
	02/27/02		(a)	51.17	(a)	3492.43
	07/31/02		(a)	51.22	(a)	3492.38
	02/10/03		(a)	51.34	(a)	3492.26
	08/04/03		(a)	51.49	(a)	3492.11
	05/25/04		(a)	51.12	(a)	3492.48
	11/09/04		(a)	51.41	(a)	3492.19
	04/11/05		(a)	51.03	(a)	3492.57
	12/01/05		(a)	50.81	(a)	3492.79
	05/10/06		(a)	50.71	(a)	3492.89
	12/13/06		(a)	50.55	(a)	3493.05
	06/20/07		(a)	50.38	(a)	3493.22
	12/06/07		(a)	49.98	(a)	3493.62
	06/02/08		(a)	50.05	(a)	3493.55
	12/10/08		(a)	50.48	(a)	3493.12
	04/27/09		(a)	50.39	(a)	3493.21

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-6	11/30/94	3543.29	(a)	50.22	(a)	3493.07
	09/12/95		(a)	50.97	(a)	3492.32
	11/12/96		(a)	51.93	(a)	3491.36
	02/04/97		(a)	51.93	(a)	3491.36
	05/10/97		(a)	52.08	(a)	3491.21
	08/06/97		(a)	52.11	(a)	3491.18
	10/08/97		(a)	51.88	(a)	3491.41
	01/21/98		(a)	51.72	(a)	3491.57
	04/15/98		(a)	51.63	(a)	3491.66
	07/16/98		(a)	51.87	(a)	3491.42
	01/26/99		(a)	51.39	(a)	3491.90
	07/08/99		(a)	51.65	(a)	3491.64
	01/26/00		(a)	51.59	(a)	3491.70
	07/17/00		(a)	52.11	(a)	3491.18
	11/21/00	3543.33 (c)	(a)	52.64	(a)	3490.69
	02/17/01		(a)	52.74	(a)	3490.59
	08/20/01		(a)	52.68	(a)	3490.65
	02/27/02		(a)	52.46	(a)	3490.87
	07/31/02		(a)	52.27	(a)	3491.06
	02/10/03		(a)	52.27	(a)	3491.06
	08/04/03		(a)	52.37	(a)	3490.96
	05/25/04		(a)	51.90	(a)	3491.43
	11/09/04		(a)	52.24	(a)	3491.09
	04/11/05		(a)	51.53	(a)	3491.80
	12/01/05		(a)	51.52	(a)	3491.81
	05/10/06		(a)	51.42	(a)	3491.91
	12/13/06		(a)	51.16	(a)	3492.17
	06/20/07		(a)	51.05	(a)	3492.28
	12/06/07		(a)	49.60	(a)	3493.73
	06/02/08		(a)	50.72	(a)	3492.61
	12/10/08		(a)	51.15	(a)	3492.18
	04/27/09		(a)	51.19	(a)	3492.14

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-7	11/30/94	3541.97	(a)	47.67	(a)	3494.30
	09/12/95		(a)	48.54	(a)	3493.43
	11/12/96		(a)	48.67	(a)	3493.30
	02/04/97		(a)	48.83	(a)	3493.14
	05/10/97		(a)	49.05	(a)	3492.92
	08/06/97		(a)	48.96	(a)	3493.01
	10/08/97		(a)	48.74	(a)	3493.23
	01/21/98		(a)	48.65	(a)	3493.32
	04/15/98		(a)	48.71	(a)	3493.26
	07/16/98		(a)	49.12	(a)	3492.85
	01/26/99		(a)	48.70	(a)	3493.27
	07/08/99		(a)	48.96	(a)	3493.01
	01/26/00		(a)	48.72	(a)	3493.25
	07/17/00		(a)	49.25	(a)	3492.72
	11/21/00	3542.00 (c)	(a)	50.18	(a)	3491.82
	02/17/01		(a)	49.82	(a)	3492.18
	08/20/01		(a)	50.21	(a)	3491.79
	02/27/02		(a)	49.86	(a)	3492.14
	07/31/02		(a)	50.06	(a)	3491.94
	02/10/03		(a)	50.26	(a)	3491.74
	08/04/03		(a)	50.47	(a)	3491.53
	05/25/04		(a)	50.40	(a)	3491.60
	11/09/04		(a)	50.21	(a)	3491.79
	04/11/05		(a)	49.93	(a)	3492.07
	12/01/05		(a)	50.02	(a)	3491.98
	05/10/06		(a)	49.97	(a)	3492.03
	12/13/06		(a)	49.40	(a)	3492.60
	06/20/07		(a)	49.31	(a)	3492.69
	12/06/07		(a)	48.89	(a)	3493.11
	06/02/08		(a)	49.00	(a)	3493.00
	12/10/08		(a)	49.45	(a)	3492.55
	04/27/09		(a)	49.45	(a)	3492.55

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-8	11/30/94	3541.47	(a)	49.20	(a)	3492.27
	09/13/95		(a)	50.14	(a)	3491.33
	11/12/96		(a)	50.73	(a)	3490.74
	02/04/97		(a)	50.79	(a)	3490.68
	05/10/97		(a)	51.03	(a)	3490.44
	08/06/97		(a)	51.08	(a)	3490.39
	10/08/97		(a)	50.90	(a)	3490.57
	01/21/98		(a)	50.73	(a)	3490.74
	04/15/98		(a)	49.62	(a)	3491.85
	07/16/98		(a)	50.96	(a)	3490.51
	01/26/99		(a)	50.55	(a)	3490.92
	07/08/99		(a)	50.84	(a)	3490.63
	01/26/00		(a)	50.72	(a)	3490.75
	07/17/00		(a)	51.23	(a)	3490.24
	11/21/00	3541.49 (c)	(a)	51.75	(a)	3489.74
	02/17/01		(a)	51.93	(a)	3489.56
	08/20/01		(a)	51.89	(a)	3489.60
	02/27/02		(a)	51.88	(a)	3489.61
	07/31/02		(a)	51.92	(a)	3489.57
	02/10/03		(a)	52.09	(a)	3489.40
	08/04/03		(a)	52.18	(a)	3489.31
	05/25/04		(a)	52.02	(a)	3489.47
	11/09/04		(a)	52.15	(a)	3489.34
	04/11/05		(a)	51.47	(a)	3490.02
	12/01/05		(a)	51.47	(a)	3490.02
	05/10/06		(a)	51.35	(a)	3490.14
	12/13/06		(a)	50.91	(a)	3490.58
	06/20/07		(a)	50.76	(a)	3490.73
	12/06/07		(a)	50.29	(a)	3491.20
	06/02/08		(a)	50.45	(a)	3491.04
	12/10/08		(a)	50.96	(a)	3490.53
	04/27/09		(a)	50.93	(a)	3490.56

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-14	09/13/95	3539.71	(a)	51.53	(a)	3488.18
	11/12/96		(a)	51.96	(a)	3487.75
	02/04/97		(a)	52.00	(a)	3487.71
	05/10/97		(a)	52.12	(a)	3487.59
	08/06/97		(a)	52.11	(a)	3487.60
	10/08/97		(a)	51.95	(a)	3487.76
	01/21/98		(a)	51.88	(a)	3487.83
	04/15/98		(a)	51.83	(a)	3487.88
	07/16/98		(a)	52.09	(a)	3487.62
	01/26/99		(a)	51.72	(a)	3487.99
	07/08/99		(a)	51.95	(a)	3487.76
	01/26/00		(a)	51.77	(a)	3487.94
	07/17/00		(a)	52.17	(a)	3487.54
	11/21/00	3539.73 (c)	(a)	52.60	(a)	3487.13
	02/17/01		(a)	53.69	(a)	3486.04
	08/20/01		(a)	52.61	(a)	3487.12
	02/27/02		(a)	52.55	(a)	3487.18
	07/31/02		(a)	52.56	(a)	3487.17
	02/10/03		(a)	52.64	(a)	3487.09
	08/04/03		(a)	52.70	(a)	3487.03
	05/25/04		(a)	52.55	(a)	3487.18
	11/09/04		(a)	52.75	(a)	3486.98
	04/11/05		(a)	52.25	(a)	3487.48
	12/01/05		(a)	52.16	(a)	3487.57
	05/10/06		(a)	52.05	(a)	3487.68
	12/13/06		(a)	51.86	(a)	3487.87
	06/20/07		(a)	51.66	(a)	3488.07
	12/06/07		(a)	51.29	(a)	3488.44
	06/02/08		(a)	51.35	(a)	3488.38
	12/10/08		(a)	51.77	(a)	3487.96
	04/27/09		(a)	51.79	(a)	3487.94

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-15	09/14/95	3542.82	(a)	46.43	(a)	3496.39
	11/12/96		(a)	46.61	(a)	3496.21
	02/04/97		(a)	46.90	(a)	3495.92
	05/10/97		(a)	47.23	(a)	3495.59
	08/06/97		(a)	46.97	(a)	3495.85
	10/08/97		(a)	46.75	(a)	3496.07
	01/21/98		(a)	46.62	(a)	3496.20
	04/15/98		(a)	46.81	(a)	3496.01
	07/16/98		(a)	47.24	(a)	3495.58
	01/26/99		(a)	46.71	(a)	3496.11
	07/08/99		(a)	46.99	(a)	3495.83
	01/26/00		(a)	46.88	(a)	3495.94
	07/17/00		(a)	47.54	(a)	3495.28
	11/21/00	3542.82 (c)	(a)	48.06	(a)	3494.76
	02/17/01		(a)	48.24	(a)	3494.58
	08/20/01		(a)	48.39	(a)	3494.43
	02/27/02		(a)	48.37	(a)	3494.45
	07/31/02		(a)	48.52	(a)	3494.30
	02/10/03		(a)	48.75	(a)	3494.07
	08/04/03		(a)	48.90	(a)	3493.92
	05/25/04		(a)	48.77	(a)	3494.05
	11/09/04		(a)	48.37	(a)	3494.45
	04/11/05		(a)	48.39	(a)	3494.43
	12/01/05		(a)	48.51	(a)	3494.31
	05/10/06		(a)	48.54	(a)	3494.28
	12/13/06		(a)	47.84	(a)	3494.98
	06/20/07		(a)	47.79	(a)	3495.03
	12/06/07		(a)	47.39	(a)	3495.43
	06/02/08		(a)	47.60	(a)	3495.22
	12/10/08		(a)	47.80	(a)	3495.02
	04/27/09		(a)	47.87	(a)	3494.95

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-16	09/14/95	3546.01	(a)	48.86	(a)	3497.15
	11/12/96		(a)	49.42	(a)	3496.59
	02/04/97		(a)	49.41	(a)	3496.60
	05/10/97		(a)	49.51	(a)	3496.50
	08/06/97		(a)	49.57	(a)	3496.44
	10/08/97		(a)	49.36	(a)	3496.65
	01/21/98		(a)	49.00	(a)	3497.01
	04/15/98		(a)	48.84	(a)	3497.17
	07/16/98		(a)	49.02	(a)	3496.99
	01/26/99		(a)	48.46	(a)	3497.55
	07/08/99		(a)	48.79	(a)	3497.22
	01/26/00		(a)	48.96	(a)	3497.05
	07/17/00		(a)	49.18	(a)	3496.83
	11/21/00	3545.68 (c)	(a)	49.65	(a)	3496.03
	02/17/01		(a)	49.73	(a)	3495.95
	08/20/01		(a)	49.62	(a)	3496.06
	02/27/02		(a)	49.78	(a)	3495.90
	07/31/02		(a)	48.35	(a)	3497.33
	02/10/03		(a)	48.28	(a)	3497.40
	08/04/03		(a)	48.21	(a)	3497.47
	05/25/04		(a)	47.79	(a)	3497.89
	11/09/04		(a)	48.12	(a)	3497.56
	04/11/05		(a)	47.32	(a)	3498.36
	12/01/05		(a)	47.52	(a)	3498.16
	05/10/06		(a)	47.76	(a)	3497.92
	12/13/06		(a)	47.46	(a)	3498.22
	06/20/07		(a)	47.48	(a)	3498.20
	12/06/07		(a)	47.25	(a)	3498.43
	06/02/08		(a)	47.42	(a)	3498.26
	12/10/08		(a)	47.61	(a)	3498.07
	04/27/09		(a)	47.76	(a)	3497.92
MW-17	11/09/04	3538.60 (d)	(a)	54.45	(a)	3484.15
	04/11/05		(a)	54.05	(a)	3484.55
	12/01/05		(a)	53.99	(a)	3484.61
	05/10/06		(a)	53.89	(a)	3484.71
	12/13/06		(a)	53.75	(a)	3484.85
	06/20/07		(a)	53.61	(a)	3484.99
	12/06/07		(a)	53.25	(a)	3485.35
	06/02/08		(a)	53.28	(a)	3485.32
	12/10/08		(a)	53.60	(a)	3485.00
	04/27/09		(a)	53.57	(a)	3485.03

Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-1A	01/26/00	3545.58	(a)	47.33	(a)	3498.25
	07/17/00		(a)	47.95	(a)	3497.63
	11/21/00	3545.59 (c)	(a)	48.56	(a)	3497.03
	02/17/01		(a)	48.71	(a)	3496.88
	08/20/01		(a)	48.90	(a)	3496.69
	02/27/02		(a)	48.73	(a)	3496.86
	07/31/02		(a)	48.80	(a)	3496.79
	02/10/03		(a)	48.92	(a)	3496.67
	08/04/03		(a)	49.06	(a)	3496.53
	05/25/04		(a)	48.75	(a)	3496.84
	11/09/04		(a)	49.06	(a)	3496.53
	04/11/05		(a)	48.75	(a)	3496.84
	12/01/05		(a)	48.81	(a)	3496.78
	05/10/06		(a)	48.72	(a)	3496.87
	12/13/06		(a)	48.58	(a)	3497.01
	06/20/07		(a)	48.45	(a)	3497.14
	12/06/07		(a)	48.07	(a)	3497.52
	06/02/08		(a)	48.19	(a)	3497.40
	12/10/08		(a)	48.35	(a)	3497.24
	04/27/09		(a)	48.37	(a)	3497.22

NOTES:
(a) Not applicable since no measurable thickness of hydrocarbon is present
(b) Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of 0.88 (0.80 used for 07/17/00 and prior)
(c) Survey by John West Surveying Co. on October 31, 2000
(d) Survey by Cypress Engineering (GAF) on November 4, 2004
(e) NA* - No PSH/water interface detected

Table 2. Summary of Groundwater Surface Elevations - Recovery Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
RW-1	11/21/00*	3545.97 (c)	51.86	51.87	0.01	3494.11
	11/30/00		(a)	51.67	sheen	3494.30
	12/06/00		(a)	51.91	sheen	3494.06
	01/25/01		(a)	51.78	sheen	3494.19
	02/06/01		51.67	51.68	0.01	3494.30
	02/17/01*		52.07	52.08	0.01	3493.90
	02/23/01		(a)	51.50	sheen	3494.47
	03/09/01		(a)	51.61	sheen	3494.36
	08/20/01		(a)	52.18	sheen	3493.79
	02/27/02		(a)	52.22	sheen	3493.75
	07/31/02		(a)	52.68	(a)	3493.29
	02/10/03		(a)	52.65	(a)	3493.32
	08/04/03		(a)	52.86	(a)	3493.11
	05/25/04		(a)	52.72	(a)	3493.25
	11/09/04		(a)	52.33	(a)	3493.64
	04/11/05		(a)	52.29	(a)	3493.68
	12/01/05		(a)	52.40	(a)	3493.57
	05/10/06		(a)	52.41	(a)	3493.56
	12/13/06		(a)	51.72	(a)	3494.25
	06/20/07		(a)	51.62	(a)	3494.35
	12/06/07		(a)	51.30	(a)	3494.67
	06/02/08		(a)	51.38	(a)	3494.59
	12/10/08		(a)	51.74	(a)	3494.23
	04/27/09		(a)	51.79	(a)	3494.18
RW-2	11/21/00*	3546.26 (c)	(a)	52.18	(a)	3494.08
	11/30/00		(a)	51.96	(a)	3494.30
	12/06/00		(a)	52.61	sheen	3493.65
	01/25/01		(a)	52.05	sheen	3494.21
	02/06/01		(a)	51.94	sheen	3494.32
	02/17/01*		(a)	52.38	sheen	3493.88
	02/23/01		(a)	51.75	sheen	3494.51
	03/09/01		(a)	51.80	sheen	3494.46
	08/20/01		(a)	52.42	sheen	3493.84
	02/27/02		(a)	52.46	(a)	3493.80
	07/31/02		(a)	52.68	(a)	3493.58
	02/10/03		(a)	52.88	sheen	3493.38
	08/04/03		(a)	53.08	sheen	3493.18
	05/25/04		52.93	52.94	0.01	3493.33
	11/09/04		(a)	52.58	(a)	3493.68
	04/11/05		(a)	52.57	sheen	3493.69
	12/01/05		(a)	52.68	(a)	3493.58
	05/10/06		(a)	52.68	sheen	3493.58
	12/13/06		(a)	52.01	(a)	3494.25
	06/20/07		(a)	51.95	(a)	3494.31
	12/06/07		(a)	51.55	sheen	3494.71
	06/02/08		(a)	51.63	(a)	3494.63
	12/10/08		(a)	52.03	(a)	3494.23
	04/27/09		(a)	52.08	(a)	3494.18

Table 2. Summary of Groundwater Surface Elevations - Recovery Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
RW-3	11/21/00*	3546.41 (c)	52.27	52.29	0.02	3494.14
	11/30/00		52.02	52.07	0.05	3494.38
	12/06/00		52.12	52.13	0.01	3494.29
	01/25/01		52.13	52.19	0.06	3494.27
	02/06/01		51.92	52.00	0.08	3494.47
	02/17/01*		52.41	52.43	0.02	3494.00
	02/23/01		51.80	51.83	0.03	3494.60
	03/09/01		51.81	51.84	0.03	3494.59
	03/30/01		50.92	50.94	0.02	3495.49
	08/20/01		(a)	52.42	(a)	3493.99
	02/27/02		(a)	52.58	sheen	3493.83
	07/31/02		(a)	52.46	(a)	3493.95
	02/10/03		(a)	52.85	sheen	3493.56
	08/04/03		(a)	52.09	(a)	3494.32
	05/25/04		(a)	52.68	(a)	3493.73
	11/09/04		(a)	52.58	(a)	3493.83
	04/11/05		(a)	52.49	(a)	3493.92
	12/01/05		(a)	52.65	(a)	3493.76
	05/10/06		(a)	52.51	(a)	3493.90
	12/13/06		(a)	52.06	(a)	3494.35
	06/20/07		(a)	51.97	(a)	3494.44
	12/06/07		(a)	51.56	(a)	3494.85
	06/02/08		(a)	51.65	(a)	3494.76
	12/10/08		(a)	52.07	(a)	3494.34
	04/27/09		(a)	51.90	(a)	3494.51

Table 2. Summary of Groundwater Surface Elevations - Recovery Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
RW-4	11/21/00*	3546.96 (c)	(a)	52.45	(a)	3494.51
	11/30/00		(a)	52.20	sheen	3494.76
	12/06/00		(a)	52.33	(a)	3494.63
	01/25/01		(a)	52.29	(a)	3494.67
	02/06/01		(a)	52.09	(a)	3494.87
	02/17/01*		(a)	52.52	(a)	3494.44
	02/23/01		(a)	51.97	(a)	3494.99
	03/09/01		(a)	52.01	(a)	3494.95
	03/30/01		(a)	52.06	sheen	3494.90
	08/20/01		(a)	52.55	(a)	3494.41
	02/27/02		(a)	52.75	(a)	3494.21
	07/31/02		(a)	52.77	(a)	3494.19
	02/10/03		(a)	52.90	(a)	3494.06
	08/04/03		(a)	53.04	(a)	3493.92
	05/25/04		(a)	52.68	(a)	3494.28
	11/09/04		(a)	52.83	(a)	3494.13
	04/11/05		(a)	52.54	(a)	3494.42
	12/01/05		(a)	52.68	(a)	3494.28
	05/10/06		(a)	52.49	(a)	3494.47
	12/13/06		(a)	52.25	(a)	3494.71
	06/20/07		(a)	51.72	(a)	3495.24
	12/06/07		(a)	51.70	(a)	3495.26
	06/02/08		(a)	51.77	(a)	3495.19
	12/10/08		(a)	52.16	(a)	3494.80
	04/27/09		(a)	52.00	(a)	3494.96

Table 2. Summary of Groundwater Surface Elevations - Recovery Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
RW-5	11/21/00*	3546.75 (c)	(a)	50.76	(a)	3495.99
	11/30/00		(a)	50.56	(a)	3496.19
	12/06/00		(a)	50.78	sheen	3495.97
	01/25/01		(a)	50.64	(a)	3496.11
	02/06/01		(a)	50.54	(a)	3496.21
	02/17/01*		(a)	50.98	(a)	3495.77
	02/23/01		(a)	50.39	(a)	3496.36
	03/09/01		(a)	50.44	(a)	3496.31
	03/30/01		(a)	50.60	(a)	3496.15
	08/20/01		(a)	50.95	(a)	3495.80
	02/27/02		(a)	51.03	(a)	3495.72
	07/31/02		(a)	51.12	(a)	3495.63
	02/10/03		(a)	51.24	(a)	3495.51
	08/04/03		(a)	51.32	(a)	3495.43
	05/25/04		(a)	51.03	(a)	3495.72
	11/09/04		(a)	51.37	(a)	3495.38
	04/11/05		(a)	51.10	(a)	3495.65
	12/01/05		(a)	51.11	(a)	3495.64
	05/10/06		(a)	50.92	(a)	3495.83
	12/13/06		(a)	50.88	(a)	3495.87
	06/20/07		(a)	50.76	(a)	3495.99
	12/06/07		(a)	50.32	(a)	3496.43
	06/02/08		(a)	50.35	(a)	3496.40
	12/10/08		(a)	50.80	(a)	3495.95
	04/27/09		(a)	50.64	(a)	3496.11

Table 2. Summary of Groundwater Surface Elevations - Recovery Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
RW-6	11/21/00*	3546.69 (c)	(a)	50.72	(a)	3495.97
	11/30/00		(a)	50.47	(a)	3496.22
	12/06/00		(a)	50.71	sheen	3495.98
	01/25/01		(a)	50.53	(a)	3496.16
	02/06/01		(a)	50.32	(a)	3496.37
	02/17/01*		(a)	50.87	(a)	3495.82
	02/23/01		(a)	50.20	(a)	3496.49
	03/09/01		(a)	50.27	(a)	3496.42
	03/30/01		(a)	50.39	(a)	3496.30
	08/20/01		(a)	50.82	(a)	3495.87
	02/27/02		(a)	50.85	(a)	3495.84
	07/31/02		(a)	50.83	(a)	3495.86
	02/10/03		(a)	50.95	(a)	3495.74
	08/04/03		(a)	51.04	(a)	3495.65
	05/25/04		(a)	50.55	(a)	3496.14
	11/09/04		(a)	51.07	(a)	3495.62
	04/11/05		(a)	50.57	(a)	3496.12
	12/01/05		(a)	50.64	(a)	3496.05
	05/10/06		(a)	50.37	(a)	3496.32
	12/13/06		(a)	50.62	(a)	3496.07
	06/20/07		(a)	50.33	(a)	3496.36
	12/06/07		(a)	49.95	(a)	3496.74
	06/02/08		(a)	49.99	(a)	3496.70
	12/10/08		(a)	50.28	(a)	3496.41
	04/27/09		(a)	50.23	(a)	3496.46

Table 2. Summary of Groundwater Surface Elevations - Recovery Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
RW-7	11/21/00*	3547.50 (c)	(a)	51.27	(a)	3496.23
	11/30/00		(a)	51.01	(a)	3496.49
	12/06/00		(a)	51.22	sheen	3496.28
	01/25/01		(a)	51.10	(a)	3496.40
	02/06/01		(a)	50.92	sheen	3496.58
	02/17/01*		(a)	51.42	(a)	3496.08
	02/23/01		(a)	50.77	(a)	3496.73
	03/09/01		(a)	50.76	(a)	3496.74
	03/30/01		(a)	50.93	(a)	3496.57
	08/20/01		(a)	51.35	(a)	3496.15
	02/27/02		(a)	51.44	(a)	3496.06
	07/31/02		(a)	51.34	(a)	3496.16
	02/10/03		(a)	51.44	(a)	3496.06
	08/04/03		(a)	51.52	(a)	3495.98
	05/25/04		(a)	50.98	(a)	3496.52
	11/09/04		(a)	51.55	(a)	3495.95
	04/11/05		(a)	50.92	(a)	3496.58
	12/01/05		(a)	50.96	(a)	3496.54
	05/10/06		(a)	50.76	(a)	3496.74
	12/13/06		(a)	50.91	(a)	3496.59
	06/20/07		(a)	50.70	(a)	3496.80
	12/06/07		(a)	50.34	(a)	3497.16
	06/02/08		(a)	50.40	(a)	3497.10
	12/10/08		(a)	50.78	(a)	3496.72
	04/27/09		(a)	50.70	(a)	3496.80

Table 2. Summary of Groundwater Surface Elevations - Recovery Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
RW-8	11/21/00*	3547.04 (c)	(a)	50.20	(a)	3496.84
	11/30/00		(a)	50.06	sheen	3496.98
	12/06/00		(a)	50.28	(a)	3496.76
	01/25/01		(a)	50.14	(a)	3496.90
	02/06/01		(a)	50.05	sheen	3496.99
	02/17/01*		(a)	50.42	(a)	3496.62
	02/23/01		(a)	49.95	(a)	3497.09
	03/09/01		(a)	50.01	(a)	3497.03
	03/30/01		(a)	50.09	(a)	3496.95
	08/20/01		(a)	50.40	(a)	3496.64
	02/27/02		(a)	50.27	(a)	3496.77
	07/31/02		(a)	50.19	(a)	3496.85
	02/10/03		50.33	50.33	sheen	3496.71
	08/04/03		50.42	50.42	sheen	3496.62
	05/25/04		49.87	50.30	0.43	3497.08
	11/09/04		(a)	50.40	sheen	3496.64
	04/11/05		49.77	49.79	0.02	3497.27
	12/01/05		(a)	49.71	(a)	3497.33
	05/10/06		(a)	49.66	sheen	3497.38
	12/13/06		(a)	49.76	sheen	3497.28
	06/20/07		(a)	49.64	(a)	3497.40
	12/06/07		(a)	49.36	(a)	3497.68
	06/02/08		(a)	49.32	(a)	3497.72
	12/10/08		(a)	49.75	(a)	3497.29
	04/27/09		(a)	49.76	(a)	3497.28
RW-9	11/21/00*	3545.84 (c)	(a)	48.41	(a)	3497.43
	11/30/00		(a)	48.17	sheen	3497.67
	12/06/00		(a)	43.42	(a)	3502.42
	01/25/01		(a)	48.25	(a)	3497.59
	02/06/01		(a)	48.12	(a)	3497.72
	02/17/01*		(a)	48.60	(a)	3497.24
	02/23/01		(a)	47.94	(a)	3497.90
	03/09/01		(a)	47.99	(a)	3497.85
	08/20/01		(a)	48.52	(a)	3497.32
	02/27/02		(a)	48.37	(a)	3497.47
	07/31/02		(a)	48.39	(a)	3497.45
	02/10/03		(a)	48.50	(a)	3497.34
	08/04/03	(d)	---	---	---	---

Table 2. Summary of Groundwater Surface Elevations - Recovery Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
RW-10	11/21/00*	3546.32 (c)	(a)	48.36	(a)	3497.96
	11/30/00		(a)	48.13	(a)	3498.19
	12/06/00		(a)	48.40	(a)	3497.92
	01/25/01		(a)	48.43	(a)	3497.89
	02/06/01		(a)	48.11	(a)	3498.21
	02/17/01*		(a)	48.60	(a)	3497.72
	02/23/01		(a)	47.92	(a)	3498.40
	03/09/01		(a)	50.01	(a)	3496.31
	08/20/01		(a)	48.57	(a)	3497.75
	02/27/02		(a)	48.33	(a)	3497.99
	07/31/02		(a)	48.39	(a)	3497.93
	02/10/03		(a)	48.48	(a)	3497.84
	08/04/03		(a)	48.63	(a)	3497.69
	05/25/04		(a)	48.20	(a)	3498.12
	11/09/04		(a)	48.75	(a)	3497.57
	04/11/05		(a)	48.15	(a)	3498.17
	12/01/05		(a)	48.17	(a)	3498.15
	05/10/06		(a)	48.23	(a)	3498.09
	12/13/06		(a)	47.98	(a)	3498.34
	06/20/07		(a)	48.09	(a)	3498.23
	12/06/07		(a)	47.49	(a)	3498.83
	06/02/08		(a)	47.62	(a)	3498.70
	12/10/08		(a)	47.89	(a)	3498.43
	04/27/09		(a)	48.01	(a)	3498.31
RW-11	11/21/00*	3545.74 (c)	(a)	48.51	(a)	3497.23
	11/30/00		(a)	48.01	(a)	3497.73
	12/06/00		(a)	48.55	(a)	3497.19
	01/25/01		(a)	48.24	(a)	3497.50
	02/06/01		(a)	48.30	(a)	3497.44
	02/17/01*		(a)	48.76	(a)	3496.98
	02/23/01		(a)	48.12	(a)	3497.62
	03/09/01		(a)	48.19	(a)	3497.55
	08/20/01		(a)	48.90	(a)	3496.84
	02/27/02		(a)	48.74	(a)	3497.00
	07/31/02		(a)	48.92	(a)	3496.82
	02/10/03		(a)	49.07	(a)	3496.67
	08/04/03		(a)	49.25	(a)	3496.49
	05/25/04		(a)	48.75	(a)	3496.99
	11/09/04		(a)	49.18	(a)	3496.56
	04/11/05		(a)	48.67	(a)	3497.07
	12/01/05		(a)	48.78	(a)	3496.96
	05/10/06		(a)	48.78	(a)	3496.96
	12/13/06		(a)	48.41	(a)	3497.33
	06/20/07		(a)	48.43	(a)	3497.31
	12/06/07		(a)	47.81	(a)	3497.93
	06/02/08		(a)	47.94	(a)	3497.80
	12/10/08		(a)	48.16	(a)	3497.58
	04/27/09		(a)	48.27	(a)	3497.47

Table 2. Summary of Groundwater Surface Elevations - Recovery Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
RW-12	11/21/00*	3544.43 (c)	(a)	49.44	(a)	3494.99
	11/30/00		(a)	49.11	(a)	3495.32
	12/06/00		(a)	49.17	(a)	3495.26
	01/25/01		(a)	49.53	(a)	3494.90
	02/06/01		(a)	49.24	(a)	3495.19
	02/17/01*		(a)	49.70	(a)	3494.73
	02/23/01		(a)	49.07	(a)	3495.36
	03/09/01		(a)	49.14	(a)	3495.29
	08/20/01		(a)	49.77	(a)	3494.66
	02/27/02		(a)	49.74	(a)	3494.69
	07/31/02		(a)	49.95	(a)	3494.48
	02/10/03		(a)	50.13	(a)	3494.30
	08/04/03		(a)	50.37	(a)	3494.06
	05/25/04		(a)	50.10	(a)	3494.33
	11/09/04		(a)	49.92	(a)	3494.51
	04/11/05		(a)	49.79	(a)	3494.64
	12/01/05		(a)	49.90	(a)	3494.53
	05/10/06		(a)	49.90	(a)	3494.53
	12/13/06		(a)	49.28	(a)	3495.15
	06/20/07		(a)	49.24	(a)	3495.19
	12/06/07		(a)	48.76	(a)	3495.67
	06/02/08		(a)	48.87	(a)	3495.56
	12/10/08		(a)	49.20	(a)	3495.23
	04/27/09		(a)	49.30	(a)	3495.13

NOTES:
(a) Not applicable since no measurable thickness of hydrocarbon is present
(b) Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of 0.88 (0.80 used for 07/17/00 and prior)
(c) Survey by John West Surveying Co. on October 31, 2000
(d) Well damaged can no longer access to get water level.

Table 3. *Summary of Field Measured Parameters*
TW WT-1 Engine Room Pit Area

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach Kit	pH	Temperature °C	Electrical Conductivity (ms/cm)	Turbidity (NTU/FTU) field / lab	Remarks
MW-1	11/12/96	0.0	6.67	22.2	--	--	strong mercaptin ofor, bailed dry 1 gal
	02/04/97	0.0	6.70	17.3	3,100	39.3/127	strong odor, blk color, bailed dry 1 gal
	05/10/96	--	6.92	21.8	3,110	62.0	strong odor, blk/gry color
	08/08/97	0.0	6.88	20.3	3,260	101	clear to gray, strong odor
	10/09/97	1.2	6.89	21.6	3,080	--	gray blk, strong odor
	01/23/98	0.0	6.65	17.1	2,970	--	strong odor, amber color
	04/17/98	0.9	6.96	19.9	3,070	58.0	clear, gold tint, strong odor
	07/17/98	0.1	6.91	22.4	3,400	9.97	clear, light tint, strong odor
	01/27/99	--	6.81	20.8	3,020	--	clear, odor
	08/21/01	0.8	6.78	23.4	2,380	--	gray,odor, pumped dry @ 1 gallon purged
	03/01/02	1.2/0.2	7.06	21.6	2,940	--	clear, odor
	08/01/02	1.0	7.04	27.2	2,960	6.77	clear, odor
	02/12/03	--	--	--	--	--	sheen
	08/05/03	--	--	--	--	12.93	sheen
	05/24/04	1.30	6.62	21.70	2550	--	clear, odor
	11/09/04	1.70	6.95	21.50	2540	13.46	clear, odor, gold color
	12/02/05	1.93	6.94	17.72	2199	13.96	clear, odor
	05/11/06	1.52	6.83	20.64	2342	--	clear
	12/17/06	2.26	6.73	19.32	2248	38.64	clear
	06/21/07	1.66	6.99	23.13	2793	--	clear, odor
	12/07/07	0.99	6.69	17.99	3143	3.55	clear, odor
	06/02/08	1.12	--	23.69	3279	--	clear, odor
MW-4	11/12/96	--	7.10	20.8	--	--	clear, no odor
	02/04/97	4.0	7.17	17.5	3,400	41.8/32	fine red silt, no odor
	05/10/97	3.0	7.09	19.7	3,400	5.46	very slight brn silt, mostly clear
	08/06/97	3.5	7.02	21.7	3,390	45.2	red silty
	10/08/97	3.0	7.05	21.5	3,060	--	slightly silty, light gold to brown
	01/23/98	0.6/0.8	7.11	18.7	2,640	--	clear
	04/16/98	1.8/0.4	7.00	21.1	2,720	2.5	clear
	07/16/98	1.3/0.8	6.99	21.6	3,090	0.67	clear
	01/26/99	1.2	7.01	19.1	2,740	--	clear
	07/08/99	3.3/1.4	7.12	21.0	3,050	0.76	clear, no odor
	01/27/00	--	7.03	19.1	3,070	--	clear
	07/17/00	2.6/2.6	7.06	20.6	3,100	3.49	clear
	02/17/01	3.5	7.07	20.5	3,130	--	clear
	08/21/01	3.1	6.96	20.3	3,010	--	clear
	02/28/02	0.7	7.01	21.1	2,860	--	clear
	08/01/02	1.2	7.03	23.5	3,000	1.19	clear
	02/12/03	1.1	6.97	22.2	3,010	--	clear
	08/05/03	0.9	6.97	22.8	2,910	0.89	clear
	05/24/04	1.5	6.73	20.2	3,110	--	clear
	11/09/04	1.2	6.94	19.9	2,750	0.62	clear
	12/02/05	1.0	7.02	19.4	2,253	2.37	clear
	05/11/06	1.4	6.88	20.0	2,522	--	clear
	12/17/06	1.3	6.76	19.5	2,238	2.59	clear
	06/21/07	1.8	7.09	20.1	2,488	--	clear
	12/07/07	2.1	6.84	19.4	1,986	0.00	clear
	06/02/08	1.9	7.41	20.3	2,744	--	clear
	12/11/08	2.2	7.46	19.1	2,440	1.43	clear
	04/28/09	2.7	6.48	20.0	2,672	3.50	clear

Table 3. Summary of Field Measured Parameters
TW WT-1 Engine Room Pit Area

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach Kit	pH	Temperature °C	Electrical Conductivity (ms/cm)	Turbidity (NTU/FTU) field / lab	Remarks
MW-5	11/12/96	--	7.00	23.1	--	--	strong odor, bailed dry 3.5 gal
	02/06/97	0.6	7.17	15.7	3,600	303/2040	strong odor, silty, foamy
	05/10/96	0.8	7.25	20.7	3,500	295	strong odor, red-yellow color, bailed dry 3.5g
	08/07/97	4.9	7.47	20.7	2,810	173	silty, red
	10/09/97	0.2	7.12	22.9	2,970	--	red silty, strong odor
	01/24/98	0.8	7.14	18.7	2,870	31.1	clear, amber color, strong odor
	04/17/98	0.6	7.16	20.2	2,840	52.0	clear, amber tint, strong odor
	07/17/98	0.7	7.02	22.5	3,140	43.18	foamy, light tint, strong odor
	01/27/99	0.6	7.10	20.5	2,700	--	clear, odor
	07/08/99	0.9/0.4	7.11	21.5	2,780	36.98	clear, light amber tint
	01/27/00	--	7.06	19.9	2,820	--	clear, strong odor
	07/18/00	0.0	7.12	23.5	2,800	25.00	clear, amber tint, odor
	02/18/01	0.9	7.13	19.5	2,760	--	clear, amber tint, odor
	08/21/01	1.0	7.01	23.7	2,410	--	grayblack,strong odor
	03/01/02	1.0	7.23	20.6	2,610	--	clear, amber tint, odor
	08/01/02	1.0	7.16	26.2	2,680	6.62	clear, odor
	02/12/03	1.0	7.14	22.3	2,580	--	clear, amber tint, odor
	08/05/03	0.4	7.07	24.4	2,370	22.73	clear, odor
	05/24/04	1.4	6.90	22.3	2,470	--	gray blk, strong odor
	11/10/04	1.3	6.94	19.7	2,000	8.07	gold color, strong odor
	12/02/05	1.0	7.10	19.6	2,146	12.57	clear, odor
	05/11/06	1.8	7.03	20.5	2,183	--	clear
	12/17/06	1.5	6.87	19.5	2,099	47.39	clear
	06/21/07	1.4	7.03	23.2	2,267	--	clear, odor
	12/07/07	0.8	6.89	19.8	1,685	5.33	clear, odor
	06/02/08	1.4	--	22.5	2,268	--	clear, odor
	12/11/08	1.8	7.51	18.3	2,071	<100	clear
	04/28/09	1.3	6.33	19.5	2,191	31.49	clear, odor
MW-6	11/12/96	--	--	21.6	--	--	red silty
	02/04/97	2.0	6.56	17.0	3,800	279/600	fine red silt, no odor
	05/10/97	1.8	6.96	21.7	3,800	234	red silty
	08/07/97	1.8	6.89	20.2	3,730	173	red silty
	10/09/97	1.7	6.89	19.3	3,510	--	red silty
	01/23/98	0.6	6.81	19.7	3,460	--	slightly turbid
	04/16/98	0.4	6.87	19.1	3,470	15.36	clear
	07/16/98	2.9/1.6	6.84	22.6	3,810	5.37	clear, took 4 cycles to get final parameters
	01/27/99	1.1	6.79	19.6	3,550	--	clear, odor
	07/08/99	1.8/1.0	6.85	21.2	3,760	4.64	clear, slight odor, took 4 cycles to get final parameters
	01/27/00	--	6.85	19.3	3,800	--	clear, slight odor
	07/18/00	0.5	6.87	21.9	3,790	1.54	clear, slight odor
	02/18/01	1.5	6.88	20.2	3,800	--	clear
	08/21/01	1.5	6.68	22.9	3,560	--	clear with odor
	02/28/02	1.3	6.88	21.6	3,810	--	clear
	08/01/02	1.5	6.89	24.6	3,830	3.57	clear
	02/12/03	1.5	6.87	22.3	3,930	--	clear
	08/05/03	1.1	6.86	24.4	3,910	4.63	clear
	05/24/04	1.4	6.57	21.3	3,610	--	clear
	11/09/04	1.3	6.87	20.5	3,730	4.34	clear
	12/02/05	0.8	6.88	20.3	3,243	22.53	clear
	05/11/06	1.2	6.85	20.4	3,352	--	clear
	12/17/06	1.6	6.65	19.8	3,291	11.38	clear
	06/21/07	1.3	6.93	21.0	3,485	--	clear
	12/07/07	1.7	6.75	19.9	2,738	2.60	clear
	06/02/08	1.6	6.76	21.5	3,660	--	clear
	12/11/08	1.0	7.59	19.6	3,471	1.32	clear, odor
	04/28/09	1.6	6.33	20.0	3,706	8.27	clear

Table 3. Summary of Field Measured Parameters
TW WT-1 Engine Room Pit Area

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach Kit	pH	Temperature °C	Electrical Conductivity (ms/cm)	Turbidity (NTU/FTU) field / lab	Remarks
MW-7	11/12/97	--	7.16	23.6	--	--	red silty
	02/04/97	2.0	6.89	--	2,900	539/2080	fine red silt, no odor
	05/10/97	2.0	7.17	21.1	2,970	>1000	red silty/sandy
	08/07/97	2.0	7.18	20.2	2,970	18.8	slight red silt
	10/09/97	2.6	7.20	19.6	2,750	--	red silty
	01/23/98	1.1/1.6	7.10	18.7	2,730	--	clear
	04/17/98	2.5/2.6	7.21	18.0	2,720	1.64	clear
	07/16/98	3.5	7.12	21.7	2,970	1.81	clear
	01/27/99	2.6	7.10	19.9	2,740	--	clear
	07/08/99	3.4	7.16	20.7	2,850	1.12	clear
	01/27/00	--	7.13	18.9	2,840	--	clear
	07/18/00	2.3	7.22	21.9	2,780	1.98	clear
	02/18/01	2.8	7.18	19.8	2,790	--	clear
	08/21/01	4.0	7.11	22.5	2,660	--	clear
	02/28/02	2.5	7.21	20.6	2,800	--	clear
	08/01/02	--	--	--	--	--	turbid, pulled pump and bailed
	02/12/03	2.6	7.12	22.2	2,820	--	red turbid
	08/05/03	3.3	7.16	22.0	2,450	> 100	Red sand/ turbid
	05/24/04	2.6	6.94	20.2	2,640	--	Red sand/ slightly turbid
	11/09/04	1.6	6.80	19.3	2,641	41.67	Cloudy
	12/02/05	1.6	7.17	19.2	2,212	30.50	Cloudy
	05/11/06	3.0	6.99	20.3	2,885	--	turbid
	12/14/06	1.9	6.82	19.4	2,270	29.80	clear
	06/21/07	1.4	7.01	20.5	2,310	--	clear
	12/07/07	1.2	6.85	19.3	2,194	5.58	clear
	06/02/08	3.1	7.18	20.8	2,454	--	Slightly turbid
	12/11/08	1.6	7.51	18.9	2,248	23.40	turbid/silt
	04/28/09	1.8	6.52	19.8	2,395	30.66	clear
MW-8	11/12/96	--	6.91	22.1	--	--	very fine red silt,
	02/06/97	2.0	6.95	14.1	3,000	<1000/590	red, silty, no odor
	05/10/97	1.6	7.00	22.0	3,040	193	red silt/sand
	08/07/97	1.1	6.97	20.1	3,040	237	red silt
	10/09/97	2.9	6.95	20.8	2,800	--	red silty
	01/24/98	0/0.2	6.90	19.0	2,810	26.17	Lt. amber color, clear
	04/17/98	0.9	6.97	19.2	2,860	25.46	clear, Lt. amber color
	07/17/98	0.2/0.0	6.85	22.5	3,070	4.10	clear, odor
	01/27/99	0.8/0.0	6.84	19.4	2,830	--	clear, odor
	07/08/99	1.9	6.87	22.1	2,950	2.79	clear
	01/27/00	--	6.87	19.2	2,960	--	clear, odor
	07/18/00	0.8	6.95	22.6	2,910	6.70	clear, odor
	02/18/01	1.2	6.91	20.3	2,910	--	clear
	08/21/01	1.2	6.82	22.3	2,730	--	clear
	02/28/02	1.6	6.96	20.3	2,900	--	clear
	08/01/02	1.4	6.95	25.6	2,880	2.61	clear
	02/12/03	1.5	6.91	22.5	2,860	--	clear
	08/05/03	1.4	6.92	26.4	2,800	6.73	clear
	05/24/04	1.2	6.64	21.4	2,670	--	clear, odor
	11/09/04	1.4	6.87	19.8	2,740	0.89	clear, odor
	12/02/05	1.2	6.90	20.7	2,392	5.19	clear
	05/11/06	1.1	6.74	20.4	2,434	--	clear
	12/17/06	1.5	6.72	20.1	2,114	9.97	clear
	06/21/07	1.1	6.96	21.5	2,393	--	clear
	12/07/07	1.2	6.61	19.9	1,982	5.46	clear, odor
	06/02/08	3.0	--	22.8	2,724	--	clear, odor
	12/11/08	0.8	7.56	19.6	2,489	<100	clear
	04/28/09	1.1	6.16	19.7	2,619	1.72	clear

Table 3. Summary of Field Measured Parameters
TW WT-1 Engine Room Pit Area

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach Kit	pH	Temperature °C	Electrical Conductivity (ms/cm)	Turbidity (NTU/FTU) field / lab	Remarks
MW-14	11/12/96	--	7.07	19.9	--	--	mostly clear, silght silt
	02/04/97	3.0	7.06	15.3	3,600	70.1/92	clear initially, red silty, no odor
	05/10/97	2.0	7.04	21.2	3,390	16.2	slight red sand/silt
	08/07/97	1.0	7.09	20.4	3,340	2.8	clear
	10/08/97	1.5	6.74	20.7	3,170	--	clear
	01/23/98	0.7	6.97	17.5	3,150	--	clear
	04/17/98	1.2	7.08	21.1	3,180	0.79	clear
	07/17/98	0.6	6.94	21.8	3,520	2.25	clear
	01/27/99	--	6.92	19.9	3,260	--	clear
	07/08/99	1.3	6.96	20.9	3,460	0.87	clear
	01/27/00	--	6.96	19.5	3,420	--	clear
	07/18/00	0.2/0.6	7.00	20.9	3,330	1.65	clear
	02/18/01	0.9	6.98	20.3	3,350	--	clear
	08/21/01	3.5	7.10	22.3	2,690	--	clear
	02/28/02	2.2	7.03	21.5	3,340	--	clear
	08/01/02	1.4	7.03	24.2	3,330	1.32	clear
	02/12/03	1.1	6.96	22.4	3,360	--	clear
	08/05/03	0.8	6.96	23.6	3,280	2.72	clear
	05/24/04	1.3	6.74	21.3	3,160	--	clear
	11/10/04	1.3	6.90	19.7	2,830	2.16	clear
	12/02/05	0.9	6.97	20.1	2,883	7.97	clear
	05/11/06	1.0	6.81	20.1	2,957	--	clear
	12/17/06	1.3	6.73	19.2	2,948	1.79	clear
	06/21/07	1.2	7.03	20.5	3,072	--	clear
	12/07/07	1.0	6.81	20.2	2,432	13.45	clear
	06/02/08	1.8	7.10	22.0	3,342	--	clear
	12/11/08	0.7	7.46	19.6	3,033	1.75	clear, odor
	04/28/09	1.4	6.39	20.0	3,223	1.29	clear
MW-15	11/12/96	--	7.21	24.6	--	--	clear
	02/04/97	8.0	6.90	18.3	3,200	34.5/133	fine red silt, no odor
	05/10/97	--	7.28	20.0	3,230	63.1	silty red sand
	08/07/97	7.4	7.13	20.5	3,160	159	red silt
	10/08/97	7.4	7.26	21.0	2,900	--	red sand/ fine silt
	01/23/98	5.2	7.24	18.8	2,930	--	turbid
	04/16/98	4.9	7.13	19.4	2,940	5.69	clear
	07/17/98	5.8/5.0	7.04	22.1	3,210	11.05	clear
	01/26/99	4.5	7.08	19.4	2,830	--	clear
	07/08/99	6.1	7.08	20.2	2,840	11.34	clear
	01/27/00	--	7.11	18.9	2,850	--	clear
	07/17/00	5.6	7.07	20.6	2,750	5.62	clear
	02/17/01	5.4	7.13	19.9	2,750	--	clear
	08/21/01	5.6	7.06	20.6	2,600	--	clear
	02/28/02	4.9	7.19	21.4	2,770	--	clear
	08/01/02	5.0	7.20	23.1	2,750	1.74	clear
	02/12/03	4.7	7.13	21.9	2,730	--	clear
	08/05/03	5.7	7.14	23.6	2,650	4.76	clear
	05/24/04	3.8	6.87	21.1	2,380	--	clear
	11/09/04	3.5	7.14	20.1	2,500	3.38	clear
	12/02/05	3.5	7.12	19.4	2,222	30.87	clear
	05/11/06	4.2	6.97	19.9	2,222	--	clear
	12/17/06	4.6	6.89	19.2	1,958	8.31	clear
	06/21/07	3.5	7.17	20.1	2,062	--	cloudy
	12/07/07	3.7	6.88	19.4	1,691	49.37	cloudy
	06/02/08	5.1	6.98	20.9	2,235	--	Slightly turbid
	12/11/08	4.2	7.43	18.6	2,009	--	clear
	04/28/09	5.3	6.55	19.8	1,987	26.80	clear

Table 3. Summary of Field Measured Parameters
TW WT-1 Engine Room Pit Area

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach Kit	pH	Temperature °C	Electrical Conductivity (ms/cm)	Turbidity (NTU/FTU) field / lab	Remarks
MW-16	11/12/96	--	6.7	22.7	--	--	mostly clear, slight red silt
	02/04/97	4.0	6.49	17.2	4,900	139/830	fine red silt, no odor
	05/10/97	1.4	6.91	20.1	4,800	203	red sand/silt
	08/06/97	3.3	6.87	21.3	4,540	670	very silty, red
	10/08/97	3.3	6.88	21.3	4,190	--	red silty
	01/23/98	1.9	6.84	18.6	3,940	--	slightly turbid
	04/16/98	1.4/1.0	6.88	20.8	3,990	1.27	clear
	07/16/98	2.2	6.81	21.2	4,380	0.43	clear
	01/26/99	1.3	6.82	19.5	3,980	--	clear
	07/08/99	1.6/1.0	6.84	20.7	4,520	0.80	clear, no odor
	01/27/00	--	6.80	19.3	4,540	--	clear
	07/17/00	0.9	6.83	20.7	4,520	2.12	clear
	02/17/01	2.0	6.85	20.0	4,230	--	clear
	08/21/01	1.1	6.73	20.6	4,030	--	clear
	02/28/02	1.6	6.89	21.6	4,090	--	clear
	08/01/02	1.4	6.90	23.2	4,300	3.71	clear
	02/12/03	0.8	6.85	22.2	4,350	--	clear
	08/05/03	1.6	6.87	23.1	4,110	0.92	clear
	05/24/04	1.0	6.62	21.0	4,140	--	clear
	11/09/04	1.6	6.87	20.1	4,020	1.34	clear
	12/02/05	0.9	6.87	19.9	3,286	26.45	clear
	05/11/06	1.0	6.71	20.0	3,382	--	clear
	12/17/06	1.9	6.64	19.6	3,314	11.18	clear
	06/21/07	1.0	6.94	20.5	3,465	--	clear
	12/07/07	1.4	6.66	19.8	2,738	0.88	clear
	06/02/08	2.1	6.82	21.0	3,757	--	clear
	12/11/08	0.8	7.52	19.5	3,440	1.09	clear
	04/28/09	1.3	6.28	19.9	3,691	1.42	clear
MW-17	11/10/04	4.3	7.05	19.7	2,880	>100	red sand/turbid
	12/02/05	1.8	7.03	19.5	2,912	>100	red sand/turbid
	05/11/06	--	--	--	--	--	--
	12/15/06	2.3	6.9	19.7	3,015	>100	red sand/turbid
	06/21/07	2.3	7.1	21.1	3,152	--	clear
	12/07/07	2.0	6.8	20.2	2,467	3.96	clear
	06/02/08	2.0	7.6	21.2	3,391	--	red sand/turbid
	12/11/08	1.5	7.6	19.3	3,121	>100	clear
	04/28/09	2.0	6.5	20.4	3,322	3.57	clear
SVE-1A	01/26/00	--	7.07	18.2	2,800	--	turbid, odor
	07/18/00	0.0	7.09	21.3	2,890	--	turbid, odor
	02/18/01	--	--	--	--	--	turbid, odor, insufficient h2o for parameters
	08/21/01	1.3	7.09	21.4	2420.0	--	grayblack,strong odor,bailed dry@0.75 gallons
	03/01/02	1.3	7.25	21.9	2820.0	--	red, turbid, odor
	08/01/02	--	--	--	--	--	turbid, odor, insufficient h2o for parameters
	02/12/03	0.3	7.10	22.3	2,700	--	turbid
	08/05/03	0.8	7.08	23.4	2,600	9.28	clear
	05/24/04	1.6	6.82	21.0	2,610	--	turbid, strong odor
	11/10/04	1.91	6.74	19.9	2,621	55	cloudy
	12/02/05	0.77	7.07	19.5	2,300	89	cloudy
	05/11/06	1.55	6.87	20.1	2,338	--	clear
	12/14/06	1.26	6.77	20.2	2,353	>100	turbid, odor
	06/21/07	1.81	7.06	21.0	2,479	--	turbid, odor
	12/07/07	0.74	6.79	20.1	1,926	9.75	slightly turbid, odor
	06/02/08	2.47	--	21.3	2,634	--	slightly turbid, odor
	12/11/08	1.23	6.87	19.4	2,062	28.27	clear. odor
	04/28/09	1.44	6.50	20.5	2,558	15.75	clear. odor

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-1	11/15/94	**12**[a]	100[a]	10[a]	110[a]	*na*	*na*	<2.0[a]	<2.0[a]	**690**[a]	6.7[a]	2.2[a]	2.8[a]	420[a]	na	16[a]	<2.0[a]	28[a]	<2.0[a]
	09/14/95	**13**	90	8	110	2000	400	< 10	< 5	**730**	**13**	**9**	na	170	1800	19	57	24	< 10
	11/12/96	9	66	< 5	39	630	100	< 10	< 5	**480**	9	< 5	na	88	1500	12	< 5	20	< 10
	02/04/97	**13**	94	8	80	790	300	< 10	< 5	**480**	10	< 5	< 5	89[b]	1700	9	< 5	29	**11**
	05/10/97	10	75	6	45	470	< 100	< 10	< 5	**470**	9	< 5	< 5	< 50	1000	8	9	20	< 10
	08/07/97	< 50	< 50	< 50	< 50	1100	1100	< 50	< 50	**590**	< 50	< 50	< 50	200	1200	< 50	< 50	< 50	< 100
	10/09/97	< 50	132	< 50	97	1660	< 1000	< 100	< 50	**597**	< 50	< 50	< 50	221[b]	1650	< 50	< 50	< 50	< 100
	01/23/98	**11**	82	7	85	2300	93	< 10	< 5	**530**	< 5	< 5	< 5	230	2000	8	< 5	24	< 10
	04/17/98	**11**	84	7	85	2100	52	< 10	< 5	**480**	8	< 5	< 5	360	1600	6	< 5	24	< 10
Dup (MW-17)	04/17/98	**14**	93	8	96	2400	100	11	< 5	**460**	**11**	< 5	< 5	230	2100	8	< 5	30	< 10
	07/17/98	**15**	93	8	97	< 2000	98	< 10	< 5	**820**	8	**12**	< 5	330	1800	14	**93**	21	< 10
	01/27/99	**15**	58	9	93	330	120	4	< 1	**460**	8	4	3	310	2100	10	18	26	< 2
	08/21/01	**12.8**	62.7	6.5	92.8	198	71.3	3.25	< 1	**791**	6.89	**20**	4.1	133	1200	**28.1**	**147**	18.8	**2.65**
	03/01/02	< 50.0	51.4	< 50.0	50.2	< 500	< 250	< 50.0	< 50.0	**544**	< 50.0	< 50.0	< 50.0	< 250	1750	< 50.0	< 50.0	< 50.0	< 50.0
	08/01/02	**12**	49	< 10	81	< 1300	< 2500	< 10	< 10	**470**	< 10	**12**	< 10	84	1900	**20**	42	24	< 20
	02/12/03	**14**	41	< 10	84	340	< 500	< 20	< 10	**360**	< 10	< 10	< 10	52	2100	11	14	26	< 20
	08/05/03	**15**	38	< 10	94	270	< 100	< 20	< 10	**440**	< 10	< 10	< 10	62	2100	10	25	26	< 20
	05/25/04	**25**	63	14	120	63	< 50	< 10	< 5	**640**	7.1	**21**	8.5	190	2200	**32**	**170**	38	< 5
	11/09/04	**23**	53	16	160	< 100	< 100	< 20	< 10	**410**	< 10	< 10	< 10	< 30	2800	11	39	42	< 10
	04/12/05	**26**	60	18	150	110	< 50	< 10	< 5	**250**	6.4	< 5	8.9	17	2400	13	22	37	< 5
	12/02/05	**37**	94	23	190	140	< 50	10	< 5	**440**	< 5	**12**	9.9	100	1900	**32**	**89**	54	**13**
	05/11/06	**26**	61	17	120	120	< 50	< 10	< 5	**280**	6.7	**5.4**	6.4	< 15	1700	19	15	30	< 5
	12/17/06	**48**	130	32	210	< 100	< 100	< 20	< 10	**380**	< 10	< 10	12	< 30	2400	**20**	18	58	< 10
	06/21/07	**25**	66	16	92	290	54	3.1	< 1	**350**	3.1	4.9	5.6	9.0	1400	**42**	31	41	1.6
	12/07/07	**20**	62	11	79	1000	170	< 10	< 10	**600**	< 10	< 10	< 10	< 30	1200	**46**	38	58	< 10
	06/02/08	**29**	80	15	100	500	100	< 20	< 10	**760**	< 10	**14**	< 10	< 30	1900	**76**	**94**	66	< 10
MW-3	11/16/94	5	< 0.5	< 0.5	0.5	na	na	na	na	na	na	na	na	na	na	na	na	na	na

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-4	12/01/94	< 0.5	< 0.5	< 0.5	< 0.5	na	na	< 0.2	7.6	0.9	< 0.2	4.7	< 0.2	< 2.0	na	0.5	< 0.2	< 0.2	< 0.2
	09/12/95	< 1	< 5	< 5	< 5	< 100	< 100	< 10	6	< 5	< 5	< 5	na	< 5	< 50	< 5	< 5	< 5	< 10
	11/12/96	< 5	< 5	< 5	< 5	< 100	< 100	< 10	6	< 5	< 5	< 5	na	< 5	< 50	< 5	< 5	< 5	< 10
	02/04/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 5	100	< 5	< 5	< 5	< 10
	05/10/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 50	< 50	< 5	< 5	< 5	< 10
	08/06/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	**5.4**	< 5	< 5	< 50	< 5	< 5	< 5	< 10
	10/08/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 10
	01/23/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 10
	04/16/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 10
	07/16/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	5	< 5	< 5	**5**	< 5	< 5	< 10	< 5	< 5	< 5	< 10
	01/26/99	< 1	< 1	< 1	< 1	< 20	< 20	< 2	4	< 1	< 1	4	< 1	< 2	< 10	< 1	< 1	< 1	< 2
	07/08/99	< 1	< 1	< 1	< 1	< 20	< 20	< 2	4	1	< 1	4	< 1	< 2	< 10	< 1	< 1	< 1	< 2
	01/27/00	< 1	< 1	< 1	< 1	< 20	< 20	< 2	4	1	< 1	4	< 1	< 2	< 10	< 1	< 1	< 1	< 2
	07/17/00	< 1	< 1	< 1	< 1	< 20	< 20	< 2	4	1	< 1	3	< 1	< 2	< 10	< 1	< 1	< 1	< 2
	02/17/01	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 10.00	< 1.00	2.79	< 1.00	< 1.00	3.62	< 1.00	< 5.00	< 5.00	< 1.00	< 1.00	< 1.00	< 1.00
	08/21/01	< 1	< 1	< 1	<3	< 10	< 10	< 1	2.3	< 1	< 1	3.6	< 1	< 5	< 5	< 1	< 1	< 1	< 1
	02/28/02	< 1	< 1	< 1	< 2	< 10	< 5	< 1	2.00	< 1	< 1	2.92	< 1	< 5	< 5	< 1	< 1	< 1	< 1
	08/01/02	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 1.0	2.1	1.8	< 1.0	3.5	< 1.0	< 3.0	< 15	< 1.0	< 1.0	< 1.0	< 2.0
	02/12/03	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	< 1.0	< 1.0	2.3	< 1.0	< 3.0	< 15	< 1.0	< 1.0	< 1.0	< 2.0
	08/05/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	1.9	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 2.0
	05/25/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	1.6	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	11/09/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	04/12/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.2	1.4	< 1.0	1.3	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	12/02/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	05/11/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	< 2.0	< 1.0	1.1	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	12/17/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	06/21/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	12/07/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	06/02/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	12/11/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0
	04/28/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)												
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-5	12/01/94	**20**	19	8.3	26	na	na	8.9	< 0.2	18	1.1	< 0.2	12	43	na	0.8	< 0.2	3.2	< 0.2
	09/12/95	**12**	24	< 5	24	1000	200	100	< 5	**200**	7	< 5	na	190	520	< 5	< 5	67	< 10
	11/12/96	**20**	44	18	44	< 100	< 100	31	< 5	**150**	< 5	< 5	na	5	300	< 5	< 5	< 5	**11**
	02/06/97	**31**	53	12	83	56	< 100	56	< 5	**160**	< 5	**5.6**	140	36 [b]	280	< 5	< 5	**120**	**16**
	05/10/97	**24**	35	9	38	< 100	< 100	22	< 5	**140**	< 5	< 5	120	< 50	210	< 5	< 5	86	< 10
Dup (BS-99)	05/10/97	**23**	38	9	38	< 100	< 100	22	< 5	**130**	< 5	< 5	111	< 50	180	< 5	< 5	82	< 10
	08/07/97	**22**	9	< 5	15	< 100	< 100	11	< 5	**47**	< 5	< 5	53	7	50	< 5	< 5	35	< 10
	10/09/97	**19**	15	7	24	< 100	< 100	< 10	< 5	**96**	< 5	< 5	103	10 [b]	89	< 5	< 5	71	< 10
Dup (MW-17)	10/09/97	**18**	14	7	25	< 100	< 100	< 10	< 5	**102**	< 5	< 5	111	10 [b]	98	< 5	< 5	69	< 10
	01/24/98	**23**	18	9	33	< 100	< 20	< 10	< 5	**120**	< 5	**6**	140	< 5	130	< 5	< 5	75	< 10
Dup (MW-17)	01/24/98	**25**	19	9	34	< 100	< 20	10	< 5	**130**	< 5	**7**	150	< 5	120	< 5	< 5	77	< 10
	04/17/98	**16**	9	< 5	14	< 100	< 20	< 10	< 5	**83**	< 5	< 5	91	< 5	18	< 5	< 5	67	< 10
	07/17/98	**21**	10	5	17	< 100	< 20	16	< 5	**110**	< 5	**6**	100	< 5	47	< 5	< 5	91	< 10
Dup (MW-17)	01/27/99	**22**	9	7	19	< 20	< 20	7	< 1	**84**	1	**5**	85	< 2	17	4	3	**100**	< 2
	01/27/99	**22**	9	7	19	< 20	< 20	5	< 1	**81**	1	**5**	86	< 2	19	3	2	96	< 2
	07/09/99	**22**	11	6	15	< 20	< 20	5	< 1	**100**	2	4	84	< 2	22	3	3	**100**	< 2
Dup (MW-17)	01/27/00	**22**	8	7	16	< 20	< 20	3	< 1	**68**	1	3	60	< 2	10	3	3	85	< 2
	01/27/00	**22**	8	7	15	< 20	< 20	3	< 1	**67**	1	3	60	< 2	10	3	3	84	< 2
	07/18/00	**23**	8	7	15	< 20	< 20	4	< 1	**59**	1	3	54	< 2	< 10	4	3	82	< 2
Dup (MW-19)	02/18/01	**19.4**	7.63	7.77	16.97	11.7	< 10.00	4.95	< 1.00	**59.8**	1.24	3.34	61.9	< 5.00	14.6	3.38	3.31	65.6	< 1.00
	02/18/01	**19.5**	7.73	7.84	17.15	< 10.00	< 10.00	4.34	< 1.00	**57.7**	1.23	3.06	62.0	< 5.00	13.9	2.93	3.11	63.8	< 1.00
	08/21/01	**19.8**	7.18	6.15	14.35	19	< 10	8.62	< 1	**108**	1.5	4.37	106	< 5	11.2	1.95	4.49	94.5	**1.12**
Dup (MW-19)	03/01/02	**14.3**	3.72	4.58	8.68	< 10.0	< 5.00	4.10	< 1.00	**119**	1.98	4.29	87.6	< 5.00	6.19	1.04	3.23	**104**	**3.26**
	03/01/02	**14.1**	3.54	4.45	8.67	< 10.0	< 5.00	4.09	< 1.00	**124**	1.97	4.15	86.9	< 5.00	6.63	1.10	3.37	**104**	**2.24**
	08/01/02	**21**	6.3	4.8	12	< 50	< 100	5.3	< 2.0	**130**	2.2	**8.3**	110	< 6.0	< 30	3.3	7.3	**110**	< 4.0
	02/12/03	**18**	3.7	3.8	9.4	< 50	< 100	5.9	< 2.0	**150**	2.4	**5.6**	100	< 6.0	< 30	5.0	4.9	**160**	< 4.0
Dup (MW-19)	02/12/03	**17**	3.7	3.7	9.0	< 50	< 100	5.8	< 2.0	**140**	2.3	**5.6**	100	< 6.0	< 30	3.7	4.6	**150**	< 4.0
	08/05/03	**22**	< 5	< 5	5.4	< 50	< 50	< 10	< 5.0	**220**	< 5.0	**6.3**	160	< 15	< 50	< 5.0	< 5.0	**180**	< 10
	05/25/04	**22**	7.5	5.1	13	< 50	< 50	< 10	< 5.0	**150**	< 5.0	< 5.0	120	< 15	< 50	< 5.0	< 5.0	**130**	< 5.0
	11/09/04	**19**	8.3	< 5.0	< 5.0	< 50	< 50	< 10	< 5.0	**160**	< 5.0	< 5.0	150	< 15	< 50	< 5.0	< 5.0	**130**	< 5.0
	05/12/05	**23**	7.3	< 5.0	15	< 50	< 50	< 10	< 5.0	**98**	< 5.0	**5.8**	82	< 15	< 50	< 5.0	< 5.0	94	< 5.0

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
	12/02/05	**21**	7.7	6.4	16	17	< 10	3.9	< 1.0	**71**	1.7	3.3	61	< 3	< 10	2.4	2.0	66	**2.2**
	05/11/06	**14**	4.1	4.5	10	< 10	< 10	2.2	< 1.0	**95**	3	2.1	39	< 3	< 10	1.6	< 1.0	47	< 1.0
Dup (MW-24)	12/17/06	**58**	16	19	49	< 50	< 10	< 10	< 5.0	**240**	9.3	5.8	150	< 15	< 50	< 5.0	< 5.0	**170**	< 5.0
	12/17/06	**47**	16	17	42	< 50	< 10	< 10	< 5.0	**210**	8.7	5.8	120	< 15	< 50	< 5.0	< 5.0	**150**	< 5.0
	06/21/07	**15**	5.7	5.6	12	< 10	< 10	2.7	< 1.0	**73**	1.3	2.6	36	< 1	< 10	1.8	1.1	43	< 1.0
	12/07/07	**15**	4.7	4.3	11	< 10	< 10	< 2.0	< 1.0	**71**	2.9	2.1	30	< 1	< 10	2.6	1.5	38	< 1.0
Dup (MW-2)	12/07/07	**17**	6.0	5.0	12	11	< 10	< 2.0	< 1.0	**80**	3.4	2.4	31	< 1	< 10	2.3	1.4	41	< 1.0
	06/02/08	**14**	3.6	4.2	7.5	< 10	< 10	< 2.0	< 1.0	**72**	1.1	2.0	31	< 3	< 10	< 1.0	< 1.0	39	< 1.0
	12/11/08	**20**	6.3	4.1	16	< 10	< 10	< 2.0	< 1.0	**95**	1.5	2.5	31	< 3	< 10	2.6	< 1.0	38	< 1.0
Dup (MW-18)	12/11/08	**19**	5.5	6.6	15	< 10	< 10	< 2.0	< 1.0	**97**	1.5	2.7	32	< 3	< 10	2.4	1.6	40	< 1.0
	04/28/09	**16**	3.8	5.5	12	< 10	< 10	< 2.0	< 1.0	**77**	1.2	1.6	26	< 3	< 10	1.6	< 1.0	32	< 1.0

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-6	11/30/94	1.8	< 0.5	< 0.5	0.5	na	na	0.5	< 0.2	13	< 0.2	2.9	6.8	< 2.0	na	0.4	< 0.2	15	< 0.2
	09/12/95	2	< 5	< 5	< 5	< 100	< 100	< 10	< 5	17	< 5	< 5	na	< 5	< 50	< 5	< 5	21	< 10
	11/12/96	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	12	< 5	< 5	na	< 5	< 50	< 5	< 5	15	< 10
	02/04/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	11	< 5	< 5	6	< 50	< 50	< 5	< 5	18	< 10
	05/10/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	10	< 5	< 5	< 5	< 50	< 50	< 5	< 5	14	< 10
	08/07/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	12	< 5	< 5	7	< 5	< 50	< 5	< 5	16	< 10
	10/09/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	12	< 5	< 5	7	< 5	< 50	< 5	< 5	16	< 10
	01/23/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	14	< 5	< 5	7	< 5	< 10	< 5	< 5	15	< 10
	04/16/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	13	< 5	< 5	8	< 5	< 10	< 5	< 5	17	< 10
	07/16/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	12	< 5	< 5	7	< 5	< 10	< 5	< 5	14	< 10
	01/27/99	1	< 1	< 1	< 1	< 20	< 20	< 2	< 1	11	< 1	3	8	< 2	< 10	< 1	< 1	16	< 2
	07/08/99	2	< 1	< 1	< 1	< 20	< 20	< 2	< 1	12	< 1	2	9	< 2	< 10	< 1	< 1	18	< 2
	01/27/00	2	< 1	< 1	< 1	< 20	< 20	< 2	< 1	14	< 1	3	9	< 2	< 10	< 1	< 1	19	< 2
	07/18/00	2	< 1	< 1	< 1	< 20	< 20	< 2	< 1	14	< 1	3	10	< 2	< 10	< 1	< 1	19	< 2
	02/18/01	1.60	< 1.00	< 1.00	< 1.00	< 10.00	< 10.00	< 1.00	< 1.00	12.1	< 1.00	2.09	9.49	< 5.00	< 5.00	< 1.00	< 1.00	16.4	< 1.00
	08/21/01	1.5	< 1	< 1	< 3	< 10	< 10	< 1	< 1	10	< 1	2.02	8.28	< 5	< 5	< 1	< 1	15.5	< 1
	02/28/02	1.6	< 1.00	< 1.00	< 2.00	< 10.0	< 5.00	< 1.00	< 1.00	11.8	< 1.00	1.88	8.60	< 5.00	< 5.00	< 1.00	< 1.00	16.4	< 1.00
	08/01/02	1.3	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	11	< 1.0	2.5	8.4	< 3.0	< 15	< 1.0	< 1.0	17	< 2.0
	02/12/03	1.1	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	8.5	< 1.0	1.4	6.2	< 3.0	< 15	< 1.0	< 1.0	13	< 2.0
	08/05/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	8.2	< 1.0	1.2	6.0	< 3.0	< 10	< 1.0	< 1.0	13	< 2.0
	05/25/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	6.9	< 1.0	1.1	5.2	< 3.0	< 10	< 1.0	< 1.0	12	< 1.0
	11/09/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	5.5	< 1.0	< 1.0	4.6	< 3.0	< 10	< 1.0	< 1.0	10	< 1.0
	04/12/05	1.1	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	6.7	< 1.0	1.3	5.1	< 3.0	< 10	< 1.0	< 1.0	10	< 1.0
	12/02/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	5.3	< 1.0	< 1.0	4.2	< 3.0	< 10	< 1.0	< 1.0	10	< 1.0
	05/11/06	1.1	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	6.4	< 1.0	1.2	4.6	< 1.0	< 10	< 1.0	< 1.0	9.9	< 1.0
	12/17/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	6.5	< 1.0	< 1.0	4.1	< 1.0	< 10	< 1.0	< 1.0	11	< 1.0
	06/21/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	4.7	< 1.0	< 1.0	3.5	< 3.0	< 10	< 1.0	< 1.0	9.1	< 1.0
	12/07/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	4.1	< 1.0	< 1.0	3.1	< 3.0	< 10	< 1.0	< 1.0	9.1	< 1.0
	06/02/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	5.3	< 1.0	< 1.0	3.5	< 3.0	< 10	< 1.0	< 1.0	9.2	< 1.0
	12/11/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	3.6	< 1.0	< 1.0	3.2	< 3.0	< 10	< 1.0	< 1.0	8.5	< 1.0
	04/28/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	4.3	< 1.0	< 1.0	3.0	< 3.0	< 10	< 1.0	< 1.0	7.6	< 1.0

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TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-7	11/22/94	7	< 0.5	< 0.5	< 0.5	na	na	< 0.2	< 0.2	23	0.3	2.3	7.3	< 2.0	na	0.4	1.6	14	0.3
	09/12/95	6	< 5	< 5	< 5	< 100	< 100	< 10	< 5	22	< 5	< 5	na	< 5	< 50	< 5	< 5	13	< 10
	11/12/96	9	< 5	< 5	< 5	< 100	< 100	< 10	< 5	22	**24**	< 5	na	< 5	< 50	< 5	< 5	18	< 10
	02/04/97	8	< 5	< 5	< 5	< 100	< 100	< 10	< 5	18	< 5	< 5	7	< 50	< 50	< 5	< 5	15	< 10
	05/10/97	6	< 5	< 5	< 5	< 100	< 100	< 10	< 5	16	< 5	< 5	< 5	< 50	< 50	< 5	< 5	13	< 10
	08/07/97	9	< 5	< 5	< 5	< 100	< 100	< 10	< 5	22	< 5	< 5	8	< 5	< 50	< 5	< 5	17	< 10
	10/09/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	20	< 5	< 5	6	< 5	< 50	< 5	< 5	16	< 10
	01/23/98	6	< 5	< 5	< 5	< 100	< 20	< 10	< 5	21	< 5	< 5	6	< 5	< 10	< 5	< 5	13	< 10
	04/17/98	6	< 5	< 5	< 5	< 100	< 20	< 10	< 5	20	< 5	< 5	8	< 5	< 10	< 5	< 5	14	< 10
	07/16/98	7	< 5	< 5	< 5	< 100	< 20	< 10	< 5	19	< 5	< 5	7	< 5	< 10	< 5	< 5	12	< 10
	01/27/99	7	< 1	< 1	< 1	< 20	< 20	< 2	1	19	< 1	3	10	< 2	< 10	< 1	< 1	12	< 2
	07/08/99	7	< 1	< 1	< 1	< 20	< 20	< 2	1	20	< 1	2	10	< 2	< 10	< 1	< 1	12	< 2
	01/27/00	8	< 1	< 1	< 1	< 20	< 20	< 2	1	24	< 1	2	13	< 2	< 10	< 1	< 1	12	< 2
	07/18/00	6	< 1	< 1	< 1	< 20	< 20	< 2	1	19	< 1	2	11	< 2	< 10	< 1	< 1	9	< 2
	02/18/01	7.90	< 1.00	< 1.00	< 1.00	< 10.00	< 10.00	< 1.00	1.36	24.3	< 1.00	2.24	16.0	< 5.00	< 5.00	< 1.00	< 1.00	12.1	< 1.00
	08/21/01	4.25	< 1	< 1	< 3	< 10	< 10	< 1	< 1	21.6	< 1	1.79	15	< 5	< 5	< 1	< 1	11.2	< 1
	02/28/02	< 1.00	< 1.00	< 1.00	< 2.00	< 10.0	< 5.00	< 1.00	1.27	**34.3**	< 1.00	2.37	24.8	< 5.00	< 5.00	< 1.00	< 1.00	15.3	< 1.00
	08/01/02	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	1.7	**30**	< 1.0	2.9	24	< 3.0	< 15	< 1.0	< 1.0	15	< 2.0
	02/12/03	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	24	< 1.0	2.0	20	< 3.0	< 15	< 1.0	< 1.0	11	< 2.0
	08/05/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	**36**	< 1.0	2.0	34	< 3.0	< 10	< 1.0	< 1.0	15	< 2.0
	05/25/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	**29**	< 1.0	1.4	28	< 3.0	< 10	< 1.0	< 1.0	12	< 1.0
	11/10/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	**28**	< 1.0	< 1.0	31	< 3.0	< 10	< 1.0	< 1.0	12	< 1.0
	04/12/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.6	**32**	< 1.0	1.9	34	< 3.0	< 10	< 1.0	< 1.0	13	< 1.0
	12/02/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	**30**	< 1.0	1.4	33	< 3.0	< 10	< 1.0	< 1.0	12	< 1.0
	05/11/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	1.2	**30**	< 1.0	1.3	25	< 3.0	< 10	< 1.0	< 1.0	9.8	< 1.0
	12/14/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	**38**	< 1.0	1.4	41	< 3.0	< 10	< 1.0	< 1.0	21	< 1.0
	06/21/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 1.0	< 1.0	**30**	< 1.0	1.4	36	< 1.0	< 10	< 1.0	< 1.0	10	< 1.0
	12/07/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 1.0	< 1.0	**33**	< 1.0	1.2	36	< 1.0	< 10	< 1.0	< 1.0	9.7	< 1.0
	06/02/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 1.0	< 1.0	**32**	< 1.0	1.4	33	< 1.0	< 10	< 1.0	< 1.0	8.8	< 1.0
	12/11/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 1.0	< 1.0	**41**	< 1.0	1.6	48	< 1.0	< 10	< 1.0	< 1.0	10	< 1.0
	04/28/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 1.0	< 1.0	**32**	< 1.0	1.1	36	< 1.0	< 10	< 1.0	< 1.0	8.2	< 1.0

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-8	11/30/94	**12**	< 0.5	< 0.5	< 0.5	na	na	0.5	< 0.2	**71**	0.9	1.3	18	< 2.0	na	< 0.2	< 0.2	17	0.2
	09/13/95	**18**	< 5	< 5	< 5	< 100	< 100	< 10	< 5	**92**	< 5	< 5	na	< 5	< 50	< 5	< 5	45	< 10
	11/12/96	**19**	< 5	< 5	< 5	< 100	< 100	< 10	< 5	**86**	< 5	**6**	na	< 5	< 50	< 5	< 5	59	< 10
	02/06/97	**24**	< 5	< 5	< 5	< 100	< 100	< 10	< 5	**80**	< 5	< 5	28	5.2 [b]	< 50	< 5	< 5	52	< 10
	05/10/97	**19**	42	< 5	< 5	< 100	< 100	25	< 5	**74**	< 5	< 5	120	< 50	130	< 5	< 5	44	< 10
	08/07/97	**21**	< 5	< 5	< 5	< 100	< 100	25	< 5	**86**	< 5	**7.4**	30	< 5	< 50	< 5	< 5	49	< 10
Dup (MW-17)	08/07/97	**21**	< 5	< 5	< 5	< 100	< 100	25	< 5	**88**	< 5	**7.8**	32	< 5	< 50	< 5	< 5	51	< 10
	10/09/97	**25**	< 5	< 5	< 5	< 100	< 100	< 10	< 5	**104**	< 5	< 5	34	7 [b]	< 50	< 5	< 5	67	< 10
	01/24/98	**21**	< 5	< 5	< 5	< 100	< 20	< 10	< 5	**100**	< 5	< 5	33	< 5	0	< 5	< 5	52	< 10
	04/17/98	**19**	< 5	< 5	< 5	< 100	< 20	< 10	< 5	**89**	< 5	< 5	33	< 5	< 10	< 5	< 5	51	< 10
	07/17/98	**20**	< 5	< 5	< 5	< 100	< 20	< 10	< 5	**91**	< 5	< 5	32	< 5	< 10	< 5	< 5	51	< 10
Dup (MW-17)	07/17/98	**20**	< 5	< 5	< 5	< 100	< 20	< 10	< 5	**88**	< 5	< 5	31	< 5	< 10	< 5	< 5	52	< 10
	01/27/99	**20**	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**94**	2	**5**	37	< 2	< 10	< 1	< 1	54	< 2
	07/09/99	**17**	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**99**	2	**5**	39	< 2	< 10	< 1	< 1	59	< 2
Dup (MW-17)	07/09/99	**16**	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**95**	2	**5**	39	< 2	< 10	< 1	< 1	59	< 2
	01/27/00	**21**	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**110**	2	**5**	43	< 2	< 10	< 1	< 1	59	< 2
	07/18/00	**21**	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**100**	2	**5**	45	< 2	< 10	< 1	< 1	59	< 2
Dup (MW-17)	07/18/00	**20**	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**100**	2	**5**	44	< 2	< 10	< 1	< 1	59	< 2
	02/18/01	**17.8**	< 1.00	< 1.00	< 1.00	< 10.00	< 10.00	< 1.00	< 1.00	**89.2**	1.49	4.52	42.0	< 5.00	< 5.00	< 1.00	< 1.00	52.8	< 1.00
	08/21/01	**17.7**	< 1	< 1	< 3	< 10	< 10	< 1	< 1	**97.9**	1.59	4.74	42.6	< 5	< 5	< 1	< 1	54.1	**1.13**
Dup (MW-17)	08/21/01	**17.8**	< 1	< 1	< 3	< 10	< 10	< 1	< 1	**100**	1.42	4.47	45.8	< 5	< 5	< 1	< 1	52.9	**1.11**
	02/28/02	**22.1**	< 1.00	< 1.00	< 2.00	< 10.0	< 5.00	< 1.00	< 1.00	**108**	2.33	4.50	47.1	< 5.00	< 5.00	< 1.00	< 1.00	56.6	**2.92**
	08/01/02	**25**	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	**120**	1.7	**6.1**	51	< 3.0	< 15	< 1.0	< 1.0	68	< 2.0
Dup (MW-18)	08/01/02	**24**	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	**130**	1.6	**6.0**	48	< 3.0	< 15	< 1.0	< 1.0	59	< 2.0
	02/12/03	**23**	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	**95**	1.7	**5.0**	49	< 3.0	< 15	< 1.0	< 1.0	52	< 2.0
	08/05/03	**19**	< 2.0	< 2.0	< 2.0	< 20	< 20	< 4.0	< 2.0	**120**	< 2	**5.0**	62	< 6.0	< 20	< 2.0	< 2.0	61	< 4.0
Dup (MW-19)	08/05/03	**22**	< 2.0	< 2.0	< 2.0	< 2.0	< 20	< 4.0	< 2.0	**150**	2.0	**6.4**	77	< 6.0	< 20	< 2.0	< 2.0	76	< 4.0
	05/25/04	**12**	< 2.0	< 2.0	< 2.0	< 20	< 20	< 4.0	< 2.0	**120**	2.1	**5.5**	72	< 6.0	< 20	< 2.0	< 2.0	58	< 2.0
	11/09/04	7.5	< 5.0	< 5.0	< 5.0	< 50	< 50	< 10	< 5.0	**92**	< 5.0	< 5.0	59	< 15	< 50	< 5.0	< 5.0	54	< 5.0
	04/12/05	6.4	< 5.0	< 5.0	< 5.0	< 50	< 50	< 10	< 5.0	**63**	< 5.0	< 5.0	36	< 15	< 50	< 5.0	< 5.0	35	< 5.0
	12/02/05	5.6	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2	< 1.0	**67**	1.4	3.7	47	< 3	< 10	< 1.0	< 1.0	42	**2.6**
Dup (MW-20)	12/02/05	5.6	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2	< 1.0	**72**	1.5	3.6	49	< 3	< 10	< 1.0	< 1.0	41	**2.4**

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
	05/11/06	4	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2	< 1.0	**82**	3.1	3.4	46	< 3	< 10	< 1.0	< 1.0	35	**1.2**
Dup (MW-24)	05/11/06	4.4	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2	< 1.0	**85**	3.3	3.7	51	< 3	< 10	< 1.0	< 1.0	40	**1.2**
	12/17/06	2.1	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2	< 1.0	**33**	1.1	1.2	19	< 3	< 10	< 1.0	< 1.0	18	< 1.0
	06/21/07	2.8	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2	< 1.0	**45**	< 1.0	2.3	30	< 3	< 10	< 1.0	< 1.0	29	< 1.0
Dup (MW-24)	06/21/07	2.7	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2	< 1.0	**44**	< 1.0	2.3	31	< 3	< 10	< 1.0	< 1.0	28	< 1.0
	12/07/07	3.9	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2	< 1.0	**68**	2.7	3.4	48	< 3	< 10	< 1.0	< 1.0	41	< 1.0
	06/02/08	3.6	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2	< 1.0	**66**	1.1	3.7	50	< 3	< 10	< 1.0	< 1.0	40	< 1.0
Dup (MW-18)	06/02/08	3.7	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2	< 1.0	**67**	1.2	3.8	51	< 3	< 10	< 1.0	< 1.0	41	< 1.0
	12/11/08	3.5	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2	< 1.0	**78**	1.2	3.6	66	< 3	< 10	< 1.0	< 1.0	41	< 1.0
	04/28/09	3.3	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2	< 1.0	**73**	1.1	3.7	65	< 3	< 10	< 1.0	< 1.0	39	< 1.0
Dup (MW-18)	04/28/09	3.3	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2	< 1.0	**72**	1.2	3.7	65	< 3	< 10	< 1.0	< 1.0	40	< 1.0

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-14	09/13/95	1	< 5	< 5	< 5	< 100	< 100	< 10	< 5	24	< 10	< 5	na	< 5	< 50	< 5	< 5	11	< 10
	11/12/96	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	**25**	< 10	< 5	na	< 5	< 50	< 5	< 5	13	< 10
	02/04/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	21	< 5	< 5	< 5	< 50	< 50	< 5	< 5	13	< 10
	05/10/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	22	< 5	< 5	< 5	< 50	< 50	< 5	< 5	12	< 10
	08/07/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	**27**	< 5	< 5	< 5	< 5	< 50	< 5	< 5	14	< 10
	10/09/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	**27**	< 5	< 5	< 5	6 [b]	< 50	< 5	< 5	15	< 10
	01/23/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	**31**	< 5	< 5	5	< 5	< 10	< 5	< 5	13	< 10
	04/17/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	**28**	< 5	< 5	< 5	< 5	< 10	< 5	< 5	14	< 10
	07/17/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	**26**	< 5	< 5	< 5	< 5	< 10	< 5	< 5	14	< 10
	01/27/99	< 1	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**27**	< 1	2	5	< 2	< 10	1	< 1	14	< 2
	07/09/99	< 1	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**29**	< 1	2	5	< 2	< 10	1	< 1	16	< 2
	01/27/00	< 1	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**29**	< 1	2	5	< 2	< 10	1	< 1	15	< 2
	07/18/00	< 1	< 1	< 1	< 1	< 20	< 20	< 2	< 1	**32**	< 1	2	6	< 2	< 10	1	< 1	16	< 2
	02/18/01	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 10.00	< 1.00	< 1.00	**31.50**	< 1.00	1.78	5.95	< 5.00	< 5.00	1.18	< 1.00	15.4	< 1.00
	08/21/01	< 1	< 1	< 1	< 3	< 10	< 10	< 1	< 1	**33.7**	< 1	1.61	5.93	< 5	< 5	< 1	< 1	15.7	< 1
	02/28/02	< 1.00	< 1.00	< 1.00	< 2.00	< 10.0	< 5.00	< 1.00	< 1.00	**37.1**	< 1.00	1.52	6.97	< 5.00	< 5.00	< 1.00	< 1.00	16.5	1.06
	08/01/02	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 15	< 1.0	< 1.0	**37**	< 1.0	2.4	7.6	< 3.0	< 15	1.7	< 1.0	18	< 2.0
	02/12/03	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	**26**	< 1.0	1.2	5.4	< 3.0	< 15	1.1	< 1.0	12	< 2.0
	08/05/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	**33**	< 1.0	1.2	6.2	< 3.0	< 10	< 1.0	< 1.0	14	< 2.0
	05/25/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	**29**	< 1.0	< 1.0	5.8	< 3.0	< 10	< 1.0	< 1.0	12	< 1.0
	11/10/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	24	< 1.0	< 1.0	5.0	< 3.0	< 10	< 1.0	< 1.0	10	< 1.0
	04/12/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	**27**	< 1.0	1.0	5.3	< 3.0	< 10	< 1.0	< 1.0	9.8	< 1.0
	12/02/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	**26**	< 1.0	< 1.0	5.0	< 3.0	< 10	< 1.0	< 1.0	8.9	< 1.0
	05/11/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	**28**	< 1.0	< 1.0	4.1	< 3.0	< 10	< 1.0	< 1.0	6.8	< 1.0
	12/17/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	**28**	< 1.0	< 1.0	4.5	< 3.0	< 10	< 1.0	< 1.0	7.4	< 1.0
	06/21/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	19	< 1.0	< 1.0	3.1	< 3.0	< 10	< 1.0	< 1.0	5.2	< 1.0
	12/07/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	18	< 1.0	< 1.0	2.4	< 3.0	< 10	< 1.0	< 1.0	4.7	< 1.0
	06/02/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	2.1	< 1.0	19	< 1.0	< 1.0	2.4	< 3.0	< 10	< 1.0	< 1.0	4.3	< 1.0
	12/11/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	19	< 1.0	< 1.0	2.7	< 3.0	< 10	< 1.0	< 1.0	3.7	< 1.0
	04/28/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	20	< 1.0	< 1.0	2.3	< 3.0	< 10	< 1.0	< 1.0	3.5	< 1.0

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-15	09/14/95	< 1	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	**5**	na	< 5	< 50	< 5	< 5	< 5	< 10
	11/12/96	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	**5**	na	< 5	< 50	< 5	< 5	< 5	< 10
	02/04/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 50	< 50	< 5	< 5	< 5	< 10
	05/10/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 50	< 50	< 5	< 5	< 5	< 10
	08/07/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 10
	10/08/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	6 [b]	< 50	< 5	< 5	< 5	< 10
	01/23/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 10
	04/16/98	< 5	13	< 5	< 5	< 100	< 20	< 10	< 5	< 5	< 5	**5**	< 5	< 5	< 10	< 5	< 5	< 5	< 10
	07/17/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 10
	01/26/99	< 1	< 1	< 1	< 1	< 20	< 20	< 2	2	3	< 1	**5**	< 1	< 2	< 10	< 1	1	< 1	< 2
	07/08/99	< 1	< 1	< 1	< 1	< 20	< 20	< 2	2	4	< 1	4	< 1	< 2	< 10	< 1	2	< 1	< 2
	01/27/00	< 1	< 1	< 1	< 1	< 20	< 20	< 2	2	4	< 1	**5**	< 1	< 2	< 10	< 1	2	< 1	< 2
	07/17/00	< 1	< 1	< 1	< 1	< 20	< 20	< 2	2	3	< 1	4	< 1	< 2	< 10	< 1	2	< 1	< 2
	02/17/01	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 10.00	< 1.00	1.77	3.54	< 1.00	3.97	< 1.00	< 5.00	< 5.00	< 1.00	1.81	< 1.00	< 1.00
	08/21/01	< 1	< 1	< 1	< 3	< 10	< 5	< 1	1.39	3.18	< 1	3.59	< 1	< 5	< 5	< 1	1.72	< 1	< 1
	02/28/02	< 1.00	< 1.00	< 1.00	< 2.00	< 10.0	< 5.00	< 1.00	1.68	3.56	< 1.00	3.66	< 1.00	< 5.00	< 5.00	< 1.00	1.87	< 1.00	< 1.00
	08/01/02	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	1.9	3.6	< 1.0	3.8	< 1.0	< 3.0	< 15	< 1.0	2.1	< 1.0	< 2.0
	02/12/03	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	1.4	2.5	< 1.0	3.1	< 1.0	< 3.0	< 15	< 1.0	1.6	< 1.0	< 2.0
	08/05/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.0	2.5	< 1.0	2.4	< 1.0	< 3.0	< 10	< 1.0	2.2	< 1.0	< 2.0
	05/25/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.1	2.5	< 1.0	2.6	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	< 2.0
Dup (MW-17)	05/25/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.1	2.4	< 1.0	2.6	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	< 1.0
	11/09/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	2.5	< 1.0	1.9	< 1.0	< 3.0	< 10	< 1.0	2.7	< 1.0	< 1.0
	04/12/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.8	3.7	< 1.0	2.6	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	< 1.0
	12/02/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.0	2.5	< 1.0	2.1	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	< 1.0
	05/11/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	1.4	2.3	< 1.0	2.4	< 1.0	< 3.0	< 10	< 1.0	1.7	< 1.0	< 1.0
	12/17/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	3.1	< 1.0	1.7	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	< 1.0
	06/21/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	2.1	< 1.0	1.6	< 1.0	< 3.0	< 10	< 1.0	1.4	< 1.0	< 1.0
	12/07/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	1.7	< 1.0	1.4	< 1.0	< 3.0	< 10	< 1.0	1.1	< 1.0	< 1.0
	06/02/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	2.0	< 1.0	1.9	< 1.0	< 3.0	< 10	< 1.0	1.1	< 1.0	< 1.0
	12/11/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	1.6	< 1.0	1.7	< 1.0	< 3.0	< 10	< 1.0	1.0	< 1.0	< 1.0
	04/28/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	1.6	< 1.0	1.4	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-16	09/14/95	< 1	< 5	< 5	< 5	< 100	< 100	< 10	< 5	6	< 5	< 5	na	< 5	< 50	6	< 5	< 5	< 10
	11/12/96	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	6	< 5	< 5	na	< 5	< 50	**21**	< 5	< 5	< 10
	02/04/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 50	< 50	17	< 5	< 5	< 10
	05/10/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 50	< 50	< 5	< 5	< 5	< 10
	08/06/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	6	< 50	14	< 5	< 5	< 10
	10/08/97	< 5	< 5	< 5	< 5	< 100	< 100	< 10	< 5	< 5	< 5	< 5	< 5	7 [b]	< 50	15	< 5	< 5	< 10
	01/23/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 10	13	< 5	< 5	< 10
	04/16/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 10
	07/16/98	< 5	< 5	< 5	< 5	< 100	< 20	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 10	16	< 5	< 5	< 10
	01/26/99	< 1	< 1	< 1	< 1	< 20	< 20	< 2	< 1	3	< 1	3	< 1	< 2	< 10	16	< 1	1	< 2
	07/08/99	< 1	< 1	< 1	< 1	< 20	< 20	< 2	< 1	3	< 1	3	< 1	< 2	< 10	14	< 1	< 1	< 2
	01/27/00	< 1	< 1	< 1	< 1	< 20	< 20	< 2	< 1	3	< 1	3	< 1	< 2	< 10	14	< 1	1	< 2
	07/17/00	< 1	< 1	< 1	< 1	< 20	< 20	< 2	< 1	3	< 1	2	< 1	< 2	< 10	13	< 1	1	< 2
	02/17/01	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 10.00	< 1.00	< 1.00	2.43	< 1.00	3.13	< 1.00	< 5.00	< 5.00	10.5	< 1.00	< 1.00	< 1.00
	08/21/01	< 1	< 1	< 1	< 3	< 10	< 10	< 1	< 1	2.03	< 1	3.15	< 1	< 5	< 5	8.22	< 1	< 1	< 1
	02/28/02	< 1	< 1	< 1	< 2	< 10	< 5	< 1	< 1	2.33	< 1	2.45	< 1	< 5	< 5	6.53	< 1	< 1	< 1
	08/01/02	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	2.9	< 1.0	2.7	< 1.0	< 3.0	< 15	9.6	< 1.0	1.2	< 2.0
	02/12/03	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 2.0	< 1.0	1.8	< 1.0	1.8	< 1.0	< 3.0	< 15	10	< 1.0	< 1.0	< 2.0
	08/05/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	1.7	< 1.0	1.8	< 1.0	< 3.0	< 10	8.4	< 1.0	< 1.0	< 2.0
	05/25/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	1.5	< 1.0	2.1	< 1.0	< 3.0	< 10	6.6	< 1.0	< 1.0	< 1.0
	11/09/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	1.3	< 1.0	1.0	< 1.0	< 3.0	< 10	8.3	< 1.0	< 1.0	< 1.0
	04/12/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	2.3	< 1.0	2.0	< 1.0	< 3.0	< 10	5.6	< 1.0	< 1.0	< 1.0
	12/02/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	< 1.0	< 2.0	< 1.0	1.4	< 1.0	< 3.0	< 10	5.2	< 1.0	< 1.0	< 1.0
	05/11/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	< 2.0	< 1.0	1.8	< 1.0	< 3.0	< 10	5.1	< 1.0	1.3	< 1.0
	12/17/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	< 1.0	< 2.0	< 1.0	1.2	< 1.0	< 3.0	< 10	4.0	< 1.0	1.3	< 1.0
	06/21/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	1.1	< 1.0	1.2	< 1.0	< 3.0	< 10	4.8	< 1.0	< 1.0	< 1.0
	12/07/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	3.9	< 1.0	< 1.0	< 1.0
	06/02/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	4.0	< 1.0	< 1.0	< 1.0
	12/11/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	4.3	< 1.0	< 1.0	< 1.0
	04/28/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	4.4	< 1.0	< 1.0	< 1.0

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
MW-17	11/10/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.6	1.9	< 1.0	2.6	< 1.0	< 3.0	< 10	1.7	< 1.0	< 1.0	< 1.0
	04/12/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	2.4	3.0	< 1.0	2.8	< 1.0	< 3.0	< 10	1.7	< 1.0	< 1.0	< 1.0
	12/02/05	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.7	2.1	< 1.0	2.7	< 1.0	< 3.0	< 10	2.1	< 1.0	< 1.0	< 1.0
	05/11/06	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 2.0	1.6	1.7	< 1.0	< 1.0	< 1.0	< 3.0	< 10	1	< 1.0	< 1.0	< 1.0
	12/15/06	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 10	< 2.0	1.1	< 2.0	< 1.0	1.9	< 1.0	< 3.0	< 10	1.4	< 1.0	1.2	< 1.0
	06/21/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	1.4	1.5	< 1.0	2.0	< 1.0	< 3.0	< 10	1.7	< 1.0	< 1.0	< 1.0
	12/07/07	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	1.0	1.2	< 1.0	1.6	< 1.0	< 3.0	< 10	1.7	< 1.0	< 1.0	< 1.0
	06/02/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	1.2	1.5	< 1.0	1.8	< 1.0	< 3.0	< 10	1.6	< 2.0	< 1.0	< 1.0
	12/11/08	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	1.4	1.2	< 1.0	1.6	< 1.0	< 3.0	< 10	1.8	< 1.0	< 1.0	< 1.0
	04/28/09	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 10	< 2.0	1.2	1.2	< 1.0	1.5	< 1.0	< 3.0	< 10	2.0	< 1.0	< 1.0	< 1.0
SVE-1A	01/26/00	**59**	16	14	57	< 20	< 20	11	< 1	**240**	2	**8**	54	5	240	8	44	59	< 2
	07/18/00	**59**	16	15	59	< 20	< 20	9	< 1	**230**	3	**8**	62	3	480	3	33	57	< 2
	02/18/01	**45.6**	29.6	14.2	101.12	< 50.0	< 50.0	14.2	< 5.00	**466**	5.45	**15.8**	101	< 25.0	883	13.8	55.1	98.9	< 5.00
	08/21/01	**51.9**	31.4	16.2	92.6	< 10	< 10	13.3	< 1	**607**	5.08	**21.8**	116	< 5	610	7.65	**62.5**	**133**	**3.6**
	03/01/02	**47.7**	41.5	16.0	89.2	< 100	< 50.0	< 10.0	< 10.0	**334**	< 10.0	**10.8**	101	< 50.0	842	< 10.0	14.9	84.7	< 10.0
	08/01/02	**60**	57	17	110	< 250	< 500	< 20	< 10	**480**	< 10	**21**	170	< 30	1000	11	33	**150**	< 20
	02/12/03	**55**	78	20	120	< 250	< 500	< 20	< 10	**370**	< 10	**11**	160	< 30	1100	< 10	19	**130**	< 20
	08/05/03	**69**	83	24	170	< 100	< 100	< 20	< 10	**630**	< 10	**16**	240	< 30	1500	< 10	34	**180**	< 20
	05/25/04	**90**	47	25	95	< 100	< 100	< 20	< 10	**380**	< 10	**10**	120	< 30	420	< 10	40	80	< 10
	11/10/04	**91**	99	32	190	< 50	< 50	18	< 5.0	**680**	< 5.0	**19**	310	< 15	1500	< 5.0	41	**140**	< 5.0
	04/12/05	**85**	36	29	79	< 100	< 100	< 20	< 10	**150**	< 10	< 10	85	< 30	550	< 10	< 10	35	< 10
	12/02/05	**170**	37	60	110	< 100	< 100	< 20	< 10	**150**	< 10	< 10	76	< 30	180	< 10	12	48	< 10
	05/11/06	**110**	23	41	89	< 50	< 50	< 10	< 5	**150**	8.1	< 5	74	< 15	260	< 5	< 5	37	< 5
	12/14/06	**160**	31	65	120	< 100	< 100	< 20	< 10	**230**	< 10	< 10	95	< 30	200	< 10	15	60	< 10
	06/21/07	**72**	12	28	56	< 10	< 10	8	< 1	**240**	1.4	**9.2**	59	< 3	58	7.9	21	42	1.1
	12/07/07	**73**	8.8	25	39	< 50	< 50	< 10	< 5	**96**	< 5	< 5	37	< 15	< 50	< 5	6.2	24	< 5
	06/02/08	**140**	22	59	81	< 50	< 50	< 10	< 5	**180**	< 5	**7.7**	61	< 15	69	15	16	41	< 5
	12/11/08	**71**	7.5	29	35	< 10	< 10	3.9	< 1	**150**	3.7	**5.2**	42	< 3	27	6.5	12	22	< 1
	04/28/09	**69**	5.7	31	31	< 10	< 10	< 2	< 1	**38**	< 1	< 1	19	< 3	15	1.1	< 1	11	< 1

Table 4. Summary of Groundwater Analyses - Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)													
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWQCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1

NOTES:
(a) Sample analyzed at 10x dilution
(b) Constituent also detected in laboratory blank sample
(c) na - Analysis for this constituent was not run on samples collected during this sample event

Table 5. Summary of Groundwater Analyses - Additional Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Compound	Concentration (µg/L)	Reporting Limit (µg/L)
MW-1	10/09/97	1,1,2,2-Tetrchloroethane	107	50
	01/23/98	1,2,4-Trimethylbenzene	36	5
	01/23/98	1,3,5-Trimethylbenzene	13	5
	01/23/98	2-Hexanone	25	10
	04/17/98	Naphthalene	11	5
	04/17/98	1,2,4-Trimethylbenzene	39	5
	04/17/98	1,3,5-Trimethylbenzene	13	5
	04/17/98	2-Hexanone	18	10
Dup(MW-17)	04/17/98	Naphthalene	24	5
	04/17/98	1,2,4-Trimethylbenzene	40	5
	04/17/98	1,3,5-Trimethylbenzene	14	5
	04/17/98	2-Hexanone	26	10
	07/17/98	Napthalene	13	5
	07/17/98	1,2,4-Trimethylbenzene	32	5
	07/17/98	1,3,5-Trimethylbenzene	11	5
	07/17/98	2-Hexanone	18	10
	01/27/99	Carbon disulfide	1	1
	01/27/99	Isopropylbenzene	2	1
	01/27/99	n-Propylbenzene	3	1
	01/27/99	1,3,5-Trimethylbenzene	14	1
	01/27/99	1,2,4-Trimethylbenzene	38	1
	01/27/99	4-Isopropyltoluene	2	1
	01/27/99	1,2-Dichlorobenzene	1	1
	01/27/99	Naphthalene	14	1
	08/21/01	1,2,4-Trimethylbenzene	27.8	5
	08/21/01	1,2-Dichlorobenzene	1.02	1
	08/21/01	1,3,5-Trimethylbenzene	15.3	1
	08/21/01	n-Propylbenzene	1.12	1
	08/21/01	Naphthalene	11.2	2
	08/01/02	1,2,4-Trimethylbenzene	33	10
	08/01/02	1,3,5-Trimethylbenzene	16	10
	02/12/03	1,2,4-Trimethylbenzene	45	10
	02/12/03	1,3,5-Trimethylbenzene	15	10
	08/05/03	1,2,4-Trimethylbenzene	41	10
	08/05/03	1,3,5-Trimethylbenzene	18	10
	05/25/04	1,2,4-Trimethylbenzene	50	5
	05/25/04	1,3,5-Trimethylbenzene	22	5
	05/25/04	Naphthalene	21	10
	11/09/04	1,2,4-Trimethylbenzene	62	10
	11/09/04	1,3,5-Trimethylbenzene	22	10
	11/09/04	Naphthalene	23	20
	04/12/05	1,2,4-Trimethylbenzene	61	5
	04/12/05	1,3,5-Trimethylbenzene	25	5
	04/12/05	Naphthalene	30	5

Table 5. Summary of Groundwater Analyses - Additional Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Compound	Concentration (µg/L)	Reporting Limit (µg/L)
	04/12/05	4-Isopropyltoluene	5.7	5
	04/12/05	n-Butylbenzene	6.5	5
	04/12/05	n-Propylbenzene	5.9	5
	12/02/05	1,2,4-Trimethylbenzene	72	5
	12/02/05	1,3,5-Trimethylbenzene	36	5
	12/02/05	Naphthalene	31	10
	12/02/05	2-Methylnaphthalene	32	20
	05/11/06	1,2,4-Trimethylbenzene	45	5
	05/11/06	1,3,5-Trimethylbenzene	23	5
	05/11/06	Naphthalene	27	5
	12/17/06	1,2,4-Trimethylbenzene	90	10
	12/17/06	1,3,5-Trimethylbenzene	40	10
	12/17/06	Naphthalene	32	20
	06/21/07	1,2,4-Trimethylbenzene	51	1
	06/21/07	1,3,5-Trimethylbenzene	21	1
	06/21/07	Naphthalene	22	2
	06/21/07	1-Methylnaphthalene	6.9	4
	06/21/07	2-Methylnaphthalene	9.6	4
	06/21/07	2-Chlorotoluene	1.3	1
	06/21/07	Isopropylbenzene	2.9	1
	06/21/07	4-Isopropyltoluene	1.7	1
	06/21/07	n-Butylbenzene	2.4	1
	06/21/07	n-Propylbenzene	4.1	1
	12/07/07	1,2,4-Trimethylbenzene	47	1
	12/07/07	1,3,5-Trimethylbenzene	19	1
	06/02/08	1,2,4-Trimethylbenzene	64	10
	06/02/08	1,3,5-Trimethylbenzene	23	10
	06/02/08	Naphthalene	22	20
MW-4	12/01/94	Bromodichloromethane	0.2	0.2
	02/12/03	Chlorobenzene	1.3	1
	08/05/03	Chlorobenzene	1.8	1
	05/25/04	Chlorobenzene	3.1	1
	11/09/04	Chlorobenzene	5.6	1
	11/09/04	sec-Butylbenzene	1.1	1
	04/12/05	Chlorobenzene	3.7	1
	12/02/05	Chlorobenzene	2.7	1
	12/02/05	sec-Butylbenzene	1.1	1
	12/17/06	Chlorobenzene	1.4	1

Table 5. Summary of Groundwater Analyses - Additional Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Compound	Concentration (µg/L)	Reporting Limit (µg/L)
MW-5	12/01/94	1,2-Dichlorobenzene	0.5	0.2
	11/12/96	Bromodichloromethane	94	5
	01/24/98	Naphthalene	48	5
	01/24/98	1,2,4-Trimethylbenzene	17	5
	01/24/98	1,3,5-Trimethylbenzene	10	5
Dup(MW-17)	01/24/98	Naphthalene	40	5
	01/24/98	1,2,4-Trimethylbenzene	17	5
	01/24/98	1,3,5-Trimethylbenzene	10	5
	04/17/98	Naphthalene	5	5
	04/17/98	1,2,4-Trimethylbenzene	6	5
	07/17/98	Naphthalene	7	5
	07/17/98	1,2,4-Trimethylbenzene	6	5
	01/27/99	trans-1,2-Dichloroethene	1	1
	01/27/99	1,3,5-Trimethylbenzene	6	1
	01/27/99	1,2,4-Trimethylbenzene	9	1
	01/27/99	4-Isopropyltoluene	1	1
	01/27/99	1,2-Dichlorobenzene	1	1
	01/27/99	Naphthalene	9	1
Dup(MW-17)	01/27/99	1,3,5-Trimethylbenzene	7	1
Dup(MW-17)	01/27/99	1,2,4-Trimethylbenzene	10	1
Dup(MW-17)	01/27/99	4-Isopropyltoluene	1	1
Dup(MW-17)	01/27/99	1,2-Dichlorobenzene	1	1
Dup(MW-17)	01/27/99	Naphthalene	9	1
	07/09/99	1,3,5-Trimethylbenzene	6	1
	07/09/99	1,2,4-Trimethylbenzene	9	1
	07/09/99	4-Isopropyltoluene	1	1
	07/09/99	Naphthalene	9	1
Dup(MW-17)	01/27/00	1,3,5-Trimethylbenzene	8	1
Dup(MW-17)	01/27/00	1,2,4-Trimethylbenzene	13	1
Dup(MW-17)	01/27/00	4-Isopropyltoluene	2	1
Dup(MW-17)	01/27/00	Naphthalene	12	1
	01/27/00	1,3,5-Trimethylbenzene	8	1
	01/27/00	1,2,4-Trimethylbenzene	13	1
	01/27/00	4-Isopropyltoluene	2	1
	01/27/00	Naphthalene	13	1
	01/27/00	1,3,5-Trimethylbenzene	9	1
	01/27/00	1,2,4-Trimethylbenzene	15	1
	01/27/00	4-Isopropyltoluene	2	1
	01/27/00	Naphthalene	11	1
Dup(MW-19)	02/18/01	1,2-Dichlorobenzene	1.04	1.00
Dup(MW-19)	02/18/01	p-Isopropyltoluene	2.10	2.00
Dup(MW-19)	02/18/01	n-Propylbenzene	1.12	1.00
Dup(MW-19)	02/18/01	1,2,4-Trimethylbenzene	16.6	1.00
Dup(MW-19)	02/18/01	1,3,5-Trimethylbenzene	9.35	1.00
	02/18/01	1,2-Dichlorobenzene	1.04	1.00
	02/18/01	p-Isopropyltoluene	2.18	2.00
	02/18/01	Napthalene	14.4	2.00

Table 5. Summary of Groundwater Analyses - Additional Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Compound	Concentration (µg/L)	Reporting Limit (µg/L)
	02/18/01	n-Propylbenzene	1.12	1.00
	02/18/01	1,2,4-Trimethylbenzene	16.7	1.00
	02/18/01	1,3,5-Trimethylbenzene	9.23	1.00
	08/21/01	1,2,4-Trimethylbenzene	11.8	1
	08/21/01	1,3,5-Trimethylbenzene	7.71	1
	08/21/01	Napthalene	9.4	1
	08/21/01	trans-1,2-Dichloroethene	1.15	1
Dup(MW-19)	03/01/02	Carbon disulfide	2.1	1
Dup(MW-19)	03/01/02	trans-1,2-Dichloroethene	1.14	1
Dup(MW-19)	03/01/02	1,3,5-Trimethylbenzene	8.06	1
Dup(MW-19)	03/01/02	1,2,4-Trimethylbenzene	9.37	1
Dup(MW-19)	03/01/02	p-Isopropyltoluene	3.50	1
Dup(MW-19)	03/01/02	Napthalene	8.39	1
	03/01/02	Carbon disulfide	1.19	1
	03/01/02	trans-1,2-Dichloroethene	1.42	1
	03/01/02	1,3,5-Trimethylbenzene	7.79	1
	03/01/02	1,2,4-Trimethylbenzene	8.96	1
	03/01/02	p-Isopropyltoluene	3.36	1
	03/01/02	Napthalene	10.5	1
	08/01/02	1,2,4-Trimethylbenzene	9.2	5
	08/01/02	1,3,5-Trimethylbenzene	2.2	5
	08/01/02	Napthalene	7	4
	08/01/02	4-Isopropyltoluene	2.5	2
	08/01/02	n-Propylbenzene	2.2	2
	08/01/02	trans-1,2-Dichloroethene	2.4	2
Dup(MW-19)	02/12/03	1,2,4-Trimethylbenzene	7.1	2
Dup(MW-19)	02/12/03	1,3,5-Trimethylbenzene	7.7	2
Dup(MW-19)	02/12/03	Napthalene	6.6	4
Dup(MW-19)	02/12/03	4-Isopropyltoluene	2.7	2
	02/12/03	1,2,4-Trimethylbenzene	7.6	2
	02/12/03	1,3,5-Trimethylbenzene	8.0	2
	02/12/03	Napthalene	7.4	4
	02/12/03	4-Isopropyltoluene	2.7	2
	08/05/03	1,2,4-Trimethylbenzene	8	5
	08/05/03	1,3,5-Trimethylbenzene	8.3	5
	05/25/04	1,2,4-Trimethylbenzene	8.4	5
	05/25/04	1,3,5-Trimethylbenzene	6.3	5
	04/12/05	1,2,4-Trimethylbenzene	12	5
	04/12/05	1,3,5-Trimethylbenzene	9.2	5
	04/12/05	Napthalene	11	10
	04/12/05	4-Isopropyltoluene	5.4	5
	12/02/05	1,2,4-Trimethylbenzene	12	1
	12/02/05	1,3,5-Trimethylbenzene	6.5	1
	12/02/05	Napthalene	9.8	1
	12/02/05	2-Methylnaphthalene	5.8	4
	12/02/05	4-Isopropyltoluene	1.8	1
	05/11/06	1,2,4-Trimethylbenzene	8.2	1

Table 5. Summary of Groundwater Analyses - Additional Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Compound	Concentration (µg/L)	Reporting Limit (µg/L)
	05/11/06	1,3,5-Trimethylbenzene	4.2	1
	05/11/06	Napthalene	8.5	2
	05/11/06	4-Isopropyltoluene	2.3	1
	05/11/06	1,2-Dichlorobenzene	1.1	1
	12/17/06	1,2,4-Trimethylbenzene	35	5
	12/17/06	1,3,5-Trimethylbenzene	17	5
	12/17/06	Napthalene	24	10
	12/17/06	4-Isopropyltoluene	5.2	5
Dup(MW-24)	12/17/06	1,2,4-Trimethylbenzene	32	5
Dup(MW-24)	12/17/06	1,3,5-Trimethylbenzene	17	5
Dup(MW-24)	12/17/06	Napthalene	21	10
	06/21/07	1,2,4-Trimethylbenzene	12	1
	06/21/07	1,3,5-Trimethylbenzene	5.7	1
	06/21/07	Napthalene	9.7	2
	06/21/07	4-Isopropyltoluene	1.4	1
	12/07/07	1,2,4-Trimethylbenzene	12	1
	12/07/07	1,3,5-Trimethylbenzene	5.6	1
	12/07/07	Napthalene	8.7	1
	12/07/07	4-Isopropyltoluene	1.3	1
Dup(MW-2)	12/07/07	1,2,4-Trimethylbenzene	14	1
Dup(MW-2)	12/07/07	1,3,5-Trimethylbenzene	6.6	1
Dup(MW-2)	12/07/07	Napthalene	11	1
Dup(MW-2)	12/07/07	4-Isopropyltoluene	1.5	1
	06/02/08	1,2,4-Trimethylbenzene	9.7	1
	06/02/08	1,3,5-Trimethylbenzene	4.5	1
	06/02/08	Napthalene	9	1
	06/02/08	4-Isopropyltoluene	1.8	1
	12/11/08	1,2,4-Trimethylbenzene	21	1
	12/11/08	1,3,5-Trimethylbenzene	8.5	1
	12/11/08	Napthalene	15	2
	12/11/08	2-Methylnaphthane	5.9	4
	12/11/08	4-Isopropyltoluene	1.6	1
Dup(MW-18)	12/11/08	1,2,4-Trimethylbenzene	19	1
	12/11/08	1,3,5-Trimethylbenzene	7.5	1
	12/11/08	Napthalene	15	2
	12/11/08	1-Methylnaphthane	5.5	4
	12/11/08	2-Methylnaphthane	6.6	4
	12/11/08	4-Isopropyltoluene	1.4	1
	04/28/09	1,2,4-Trimethylbenzene	14	1
	04/28/09	1,3,5-Trimethylbenzene	6.4	1
	04/28/09	Napthalene	9.1	2
	04/28/09	4-Isopropyltoluene	1.9	1

Table 5. Summary of Groundwater Analyses - Additional Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Compound	Concentration (µg/L)	Reporting Limit (µg/L)
MW-6	11/30/94	1,2-Dichlorobenzene	0.3	0.2
MW-8	11/30/94	1,2-Dichlorobenzene	0.4	0.2
	01/24/98	P-Isopropyltoluene	10	5
	01/27/99	Isopropylbenzene	2	1
	01/27/99	4-Isopropyltoluene	2	1
	01/27/99	1,2- Dichlorobenzene	1	1
Dup(MW-17)	07/09/99	1,2-Dichlorobenzene	1	1
	07/09/99	1,2-Dichlorobenzene	1	1
	01/27/00	1,2-Dichlorobenzene	1	1
	07/18/00	1,2-Dichlorobenzene	1	1
Dup(MW-17)	07/18/00	1,2-Dichlorobenzene	1	1
	02/18/01	1,2-Dichlorobenzene	1.14	1.00
	08/21/01	1,2-Dichlorobenzene	1.08	1
	02/28/02	1,2-Dichlorobenzene	1.33	1
	02/28/02	trans 1,2 Dichloroethene	1.01	1
	08/01/02	1,2-Dichlorobenzene	1.3	1
	08/01/02	Isopropylbenzene	1.0	1
	08/01/02	trans-1,2-Dichloroethene	1.7	1
Dup(MW-18)	08/01/02	1,2-Dichlorobenzene	1.3	1
	08/01/02	Isopropylbenzene	1.1	1
	08/01/02	trans-1,2-Dichloroethene	1.5	1
	02/12/03	1,2-Dichlorobenzene	1.2	1
	12/02/05	1,3,5-Trimethylbenzene	1.6	1
	12/02/05	trans-1,2-Dichloroethene	1.3	1
	12/02/05	Isopropylbenzene	1.3	1
Dup(MW-20)	12/02/05	Isopropylbenzene	1.2	1
	12/02/05	sec-Butylbenzene	1	1
	12/02/05	trans-1,2-Dichloroethene	1.3	1
	05/11/06	1,2-Dichlorobenzene	1.4	1
	05/11/06	Isopropylbenzene	1.1	1
	05/11/06	trans-1,2-Dichloroethene	1.1	1
Dup(MW-24)	05/11/06	1,2-Dichlorobenzene	1.5	1
	05/11/06	Isopropylbenzene	1.1	1
	05/11/06	trans-1,2-Dichloroethene	1	1
	12/07/07	Isopropylbenzene	1	1
	06/02/08	1,2-Dichlorobenzene	1.1	1
Dup(MW-18)	06/02/08	1,2-Dichlorobenzene	1.1	1
	12/11/08	1,2-Dichlorobenzene	1.2	1
	04/28/09	1,2-Dichlorobenzene	1.4	1
	04/28/09	Isopropylbenzene	1.1	1
Dup(MW-18)	04/28/09	1,2-Dichlorobenzene	1.4	1
	04/28/09	Isopropylbenzene	1.1	1
	04/28/09	trans-1,2-Dichloroethene	1.0	1

Table 5. Summary of Groundwater Analyses - Additional Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Compound	Concentration (µg/L)	Reporting Limit (µg/L)
SVE-1A	01/26/00	Isopropylbenzene	2	1
	01/26/00	n-Proplybenzene	3	1
	01/26/00	1,3,5-Trimethylbenzene	19	1
	01/26/00	1,2,4-Trimethylbenzene	30	1
	01/26/00	4-Isopropyltoluene	2	1
	01/26/00	Naphthalene	14	1
	07/18/00	Isopropylbenzene	2	1
	07/18/00	n-Proplybenzene	3	1
	07/18/00	1,3,5-Trimethylbenzene	21	1
	07/18/00	1,2,4-Trimethylbenzene	33	1
	07/18/00	4-Isopropyltoluene	2	1
	07/18/00	Naphthalene	15	1
	02/18/01	1,2,4-Trimethylbenzene	44.5	5.00
	02/18/01	1,3,5-Trimethylbenzene	25.2	5.00
	08/21/01	1,1,2-Trichloroethane	1.48	1
	08/21/01	1,2,4-Trimethylbenzene	47.2	5
	08/21/01	1,3,5-Trimethylbenzene	23.8	1
	08/21/01	Isopropylbenzene	2.44	2
	08/21/01	n-Propylbenzene	3.12	1
	08/21/01	Naphthalene	16.2	2
	08/21/01	trans-1,2-Dichloroethene	1.06	1
	03/01/02	1,3,5-Trimethylbenzene	27	1
	03/01/02	1,2,4-Trimethylbenzene	57	1
	03/01/02	n-Propylbenzene	12	1
	02/12/03	1,2,4-Trimethylbenzene	73	10
	08/05/03	1,3,5-Trimethylbenzene	40	10
	08/05/03	1,2,4-Trimethylbenzene	75	10
	05/24/04	1,3,5-Trimethylbenzene	54	10
	05/24/04	1,2,4-Trimethylbenzene	36	10
	05/24/04	Naphthalene	23	20
	11/10/04	1,2,4-Trimethylbenzene	94	5
	11/10/04	1,3,5-Trimethylbenzene	44	5
	11/10/04	1,2-Dichloroethane	6.3	5
	11/10/04	Naphthalene	26	10
	11/10/04	2-Methylnaphthalene	21	20
	11/10/04	Isopropylbenzene	7.7	5
	11/10/04	n-Propylbenzene	8.1	5
	04/12/05	1,2,4-Trimethylbenzene	53	10
	04/12/05	1,3,5-Trimethylbenzene	35	10
	04/12/05	Naphthalene	28	20
	04/12/05	n-Propylbenzene	10	10
	12/2/2005	1,2,4-Trimethylbenzene	100	10
	12/2/2005	1,3,5-Trimethylbenzene	69	10
	12/2/2005	Naphthalene	39	20
	12/2/2005	2-Methylnaphthalene	51	40
	12/2/2005	Isopropylbenzene	10	10
	12/2/2005	sec-Butylbenzene	96	10

Table 5. Summary of Groundwater Analyses - Additional Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Compound	Concentration (µg/L)	Reporting Limit (µg/L)
	5/11/2006	1,2,4-Trimethylbenzene	77	5
	5/11/2006	1,3,5-Trimethylbenzene	54	5
	5/11/2006	Naphthalene	33	5
	5/11/2006	Isopropylbenzene	7.1	5
	5/11/2006	4-Isopropyltoluene	7.0	5
	5/11/2006	n-Butylbenzene	8.2	5
	5/11/2006	n-Propylbenzene	8.2	5
	12/14/2006	1,2,4-Trimethylbenzene	94	10
	12/14/2006	1,3,5-Trimethylbenzene	70	10
	12/14/2006	Naphthalene	37	20
	12/14/2006	n-Propylbenzene	14	10
	6/21/2007	1,2,4-Trimethylbenzene	46	1
	6/21/2007	1,3,5-Trimethylbenzene	35	1
	6/21/2007	Naphthalene	21	2
	6/21/2007	1-Methylnaphthalene	6.8	4
	6/21/2007	2-Methylnaphthalene	8.5	4
	6/21/2007	Isopropylbenzene	4.3	1
	6/21/2007	4-Isopropyltoluene	2.1	1
	6/21/2007	n-Butylbenzene	3.1	1
	6/21/2007	n-Propylbenzene	5.2	1
	12/7/2007	1,2,4-Trimethylbenzene	46	5
	12/7/2007	1,3,5-Trimethylbenzene	36	5
	12/7/2007	Naphthalene	19	10
	6/2/2008	1,2,4-Trimethylbenzene	85	5
	6/2/2008	1,3,5-Trimethylbenzene	74	5
	6/2/2008	Naphthalene	44	10
	6/2/2008	Isopropylbenzene	8	5
	6/2/2008	4-Isopropyltoluene	5.2	5
	6/2/2008	n-Propylbenzene	11	5
	12/11/2008	1,2,4-Trimethylbenzene	39	1
	12/11/2008	1,3,5-Trimethylbenzene	35	1
	12/11/2008	Naphthalene	21	2
	12/11/2008	1-Methylnaphthalene	8	4
	12/11/2008	2-Methylnaphthalene	12	4
	12/11/2008	Isopropylbenzene	4	1
	12/11/2008	4-Isopropyltoluene	2.6	1
	12/11/2008	n-Butylbenzene	2.6	1
	12/11/2008	n-Propylbenzene	5.7	1
	12/11/2008	sec-Butylbenzene	1.2	1
	4/28/2009	1,2,4-Trimethylbenzene	36	1
	4/28/2009	1,3,5-Trimethylbenzene	37	1
	4/28/2009	Naphthalene	21	2
	4/28/2009	1-Methylnaphthalene	8.2	4
	4/28/2009	2-Methylnaphthalene	12	4
	4/28/2009	Isopropylbenzene	4.6	1
	4/28/2009	4-Isopropyltoluene	3.1	1
	4/28/2009	n-Butylbenzene	2.5	1

Table 5. Summary of Groundwater Analyses - Additional Organics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Compound	Concentration (µg/L)	Reporting Limit (µg/L)
	4/28/2009	n-Propylbenzene	5.9	1
	4/28/2009	sec-Butylbenzene	1.4	1
MW-17	5/11/2006	1,2,4-Trimethylbenzene	1.7	1

Table 6. Summary of Groundwater Analyses - Inorganics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-1	11/15/94	**2900**	190	< 5	< 0.06	485	59.1	175	216	1610	**0.11**	**24**	< 0.0005	< 0.01	< 0.01	0.325	< 0.002	< 0.0002	0.1	< 0.005	< 0.01	na
	09/14/95	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/12/96	**2370**	165	< 50	na	na	na	na	na	na	**0.13**	**22.9**	< 0.01	< 0.01	na	na	< 0.03	< 0.0002	0.05	< 0.04	< 0.01	na
	02/04/97	**2460**	172	< 5.0	na	na	na	na	na	na	**0.12**	**20**	< 0.01	< 0.01	< 0.01	0.25	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	< 0.03
									(Unfiltered metals analysis)		**0.13**	**22**	< 0.01	< 0.01	< 0.01	**10**	< 0.03	< 0.0002	0.05	< 0.04	< 0.01	< 0.03
	05/10/97	**2840**	162	< 5.0	< 0.05	na	na	na	na	na	**0.15**	**22.5**	< 0.01	< 0.01	< 0.01	0.21	< 0.03	< 0.0002	0.02	< 0.04	< 0.01	< 0.03
	08/07/97	**2910**	150	< 5.0	5.4	na	na	na	na	na	**0.11**	**27**	< 0.01	< 0.01	< 0.01	0.21	< 0.03	< 0.0002	0.02	< 0.04	< 0.01	0.46
	10/09/97	**2690**	175	< 5.0	< 0.05	na	na	na	na	na	**0.16**	**26**	< 0.01	< 0.01	0.04	0.11	< 0.03	< 0.0002	0.02	< 0.04	< 0.01	0.45
	01/23/98	**1890**	160	9	0.15	na	na	na	na	na	**0.2**	**27.2**	< 0.005	< 0.01	< 0.01	0.54	< 0.05	< 0.0002	0.020	< 0.1	< 0.01	< 0.02
	04/17/98	**2100**	150	200	0.90	na	na	na	na	na	**0.2**	**26.8**	< 0.005	< 0.01	< 0.01	**8.42**	< 0.05	< 0.0002	0.018	< 0.1	< 0.01	< 0.02
Dup (MW-17)	04/17/98	**1800**	150	7	1.29	na	na	na	na	na	**0.1**	**24.9**	< 0.005	< 0.01	< 0.01	**8.92**	< 0.05	< 0.0002	0.019	< 0.1	< 0.01	< 0.02
	07/17/98	**2200**	156	9	< 0.1	na	na	na	na	na	**0.15**	**32.2**	< 0.005	< 0.01	< 0.01	**15.1**	< 0.05	< 0.0002	0.023	< 0.005	< 0.01	< 0.02
	08/21/01	**3000**	157	< 1	0.103	na	na	na	na	na	**0.152**	**10.9**	na	na	na	**4.93**	na	< 0.0002	0.0201	na	na	na
	08/01/02	**5900**	150	< 5.0	< 2.0	na	na	na	na	na	**0.25**	**33**	na	na	na	**3.0**	na	na	0.010	na	na	na
	08/05/03	**2100**	180	0.73	< 0.2	na	na	na	na	na	**0.17**	**27**	na	na	na	**8.1**	na	na	0.012	na	na	na
	11/09/04	**1900**	180	0.80	< 0.50	na	na	na	na	na	**0.15**	**25**	na	na	na	**8.7**	na	na	0.014	na	na	na
	12/02/05	**1700**	**250**	4.1	< 0.50	na	na	na	na	na	**0.21**	**24**	na	na	na	**8.8**	na	na	0.014	na	na	na
	12/17/06	**1700**	**280**	< 0.50	< 5.0	na	na	na	na	na	**0.20**	**25**	na	na	na	**9.1**	na	na	0.013	na	na	na
	12/07/07	**3200**	**270**	0.52	< 1.0	na	na	na	na	na	**0.16**	**55**	na	na	na	**20**	na	na	0.036	na	na	na

Table 6. Summary of Groundwater Analyses - Inorganics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-4	12/01/94	**2800**	**540**	**1000**	**20**	332	5.9	153	353	273	0.007	0.025	< 0.0005	< 0.01	< 0.01	< 0.05	< 0.002	< 0.0002	0.024	0.02	< 0.01	na
	09/12/95	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/12/96	**2500**	**430**	**1000**	na	na	na	na	na	na	< 0.03	0.03	< 0.01	< 0.01	na	na	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	na
	02/04/97	**2370**	**416**	416	na	na	na	na	na	na	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
									(Unfiltered metals analysis)		< 0.03	0.03	< 0.01	< 0.01	< 0.01	0.57	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	< 0.03
	05/10/97	**2660**	**410**	**778**	**10.7**	na	na	na	na	na	< 0.03	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
	08/06/97	**2620**	**435**	**863**	**12.8**	na	na	na	na	na	< 0.03	0.33	< 0.01	0.02	< 0.01	< 0.01	< 0.03	< 0.0002	< 0.01	**0.08**	< 0.01	0.25
	10/08/97	**2470**	**380**	**879**	9.6	na	na	na	na	na	< 0.03	0.92	< 0.01	< 0.01	< 0.01	0.14	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	0.4
	01/23/98	**1920**	**300**	581	< 0.05	na	na	na	na	na	< 0.1	0.017	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.188	< 0.1	< 0.01	< 0.02
	04/16/98	**1600**	**320**	**800**	**11.6**	na	na	na	na	na	< 0.1	0.026	< 0.005	< 0.01	< 0.01	0.07	< 0.05	< 0.0002	**0.201**	< 0.1	< 0.01	0.03
	07/16/98	**2300**	**301**	**900**	**14.1**	na	na	na	na	na	0.011	0.020	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.154	0.018	< 0.01	< 0.02
	07/08/99	**2200**	**320**	**710**	**14.0**	na	na	na	na	na	0.010	0.0213	< 0.0020	< 0.0050	< 0.0020	< 0.010	< 0.025	< 0.00020	0.0381	0.020	< 0.0030	< 0.010
	07/17/00	**2240**	**370**	**820**	**15.0**	na	na	na	na	na	0.010	0.0206	na	na	na	0.030	na	< 0.00020	0.0011	na	na	na
	08/21/01	**2400**	**411**	**782**	5.11	na	na	na	na	na	< 0.05	0.0196	na	na	na	<0.05	na	< 0.0002	< 0.01	na	na	na
	08/01/02	**2200**	**310**	**670**	**10**	na	na	na	na	na	< 0.010	0.023	na	na	na	< 0.020	na	na	0.085	na	na	na
	08/05/03	**2100**	**280**	**630**	6.5	na	na	na	na	na	< 0.020	0.042	na	na	na	< 0.020	na	na	0.15	na	na	na
	11/09/04	**2000**	**270**	580	6.7	na	na	na	na	na	< 0.020	0.022	na	na	na	< 0.020	na	na	0.18	na	na	na
	12/02/05	**1800**	240	590	9.6	na	na	na	na	na	< 0.020	0.024	na	na	na	0.026	na	na	**0.24**	na	na	na
	12/17/06	**1800**	220	**610**	**10**	na	na	na	na	na	< 0.020	0.025	na	na	na	<0.05	na	na	**0.22**	na	na	na
	12/07/07	**2000**	**260**	**730**	**16**	na	na	na	na	na	< 0.020	0.024	na	na	na	<0.05	na	na	< 0.002	na	na	na
	12/11/08	**1900**	**260**	**660**	**12**	na	na	na	na	na	< 0.020	0.022	na	na	na	<0.05	na	na	< 0.002	na	na	na
	04/28/09	**2000**	**280**	**710**	**15**	na	na	na	na	na	< 0.020	0.024	na	na	na	<0.05	na	na	< 0.002	na	na	na

Table 6. Summary of Groundwater Analyses - Inorganics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-5	12/01/94	**2000**	**360**	< 5	< 0.06	185	6.1	200	326	1080	0.036	**17.3**	< 0.0005	< 0.01	< 0.01	0.097	< 0.002	< 0.0002	0.112	< 0.005	< 0.01	na
	09/12/95	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/12/96	**2610**	**495**	< 25	na	na	na	na	na	na	0.06	**25.9**	< 0.01	< 0.01	na	na	< 0.03	< 0.0002	**0.43**	< 0.04	< 0.01	na
	02/06/97	**2300**	**4400**	< 5.0	na	na	na	na	na	na	0.04	**21**	< 0.01	< 0.01	< 0.01	0.21	< 0.03	< 0.0002	0.02	< 0.04	< 0.01	0.04
									(Unfiltered metals analysis)		0.12	**22**	< 0.01	0.02	0.02	**27**	0.04	< 0.0002	**0.56**	< 0.04	< 0.01	0.09
	05/10/97	**2340**	**380**	< 5.0	< 0.05	na	na	na	na	na	0.05	**22.2**	< 0.01	< 0.01	< 0.01	0.12	< 0.03	< 0.0002	0.01	< 0.04	< 0.01	< 0.03
	08/07/97	**1870**	**300**	< 5.0	0.09	na	na	na	na	na	< 0.03	**16**	< 0.01	< 0.01	< 0.01	0.08	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	0.24
	10/09/97	**2090**	**320**	< 5.0	< 0.05	na	na	na	na	na	< 0.03	**23**	< 0.01	< 0.01	< 0.01	0.02	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	0.23
Dup (MW-17)	10/09/97	**2100**	**340**	< 5.0	< 0.05	na	na	na	na	na	< 0.03	**16**	< 0.01	< 0.01	< 0.01	0.01	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	0.23
	01/24/98	**1640**	**300**	4	< 0.05	na	na	na	na	na	< 0.05	**15.5**	< 0.005	< 0.01	< 0.01	0.19	< 0.05	< 0.0002	0.017	< 0.1	< 0.01	< 0.02
Dup (MW-17)	01/24/98	**1680**	**300**	4	< 0.05	na	na	na	na	na	**0.1**	**16.4**	< 0.005	< 0.01	< 0.01	0.19	< 0.05	< 0.0002	0.015	< 0.1	< 0.01	< 0.02
	04/17/98	**1400**	**290**	200	0.88	na	na	na	na	na	< 0.1	**14.4**	< 0.005	< 0.01	< 0.01	**1.29**	< 0.05	< 0.0002	0.022	< 0.1	< 0.01	0.03
	07/17/98	**1600**	**281**	3	< 0.1	na	na	na	na	na	0.020	**13.7**	< 0.005	< 0.01	< 0.01	**4.61**	< 0.05	< 0.0002	0.018	< 0.005	< 0.01	< 0.02
	07/09/99	**1800**	**260**	< 25	< 0.01	na	na	na	na	na	0.019	**13.3**	< 0.0020	< 0.0050	< 0.0020	**2.50**	< 0.025	< 0.00020	0.0224	< 0.010	< 0.0030	< 0.010
	07/18/00	**1740**	**270**	< 3.0	< 0.01	na	na	na	na	na	0.022	**13.2**	na	na	na	**2.80**	na	< 0.00020	0.0233	na	na	na
	08/21/01	**1860**	**253**	< 1	0.0842	na	na	na	na	na	< 0.05	**4.09**	na	na	na	**1.34**	na	< 0.0002	0.025	na	na	na
	08/01/02	**1700**	240	< 5	< 2	na	na	na	na	na	**0.12**	**14**	na	na	na	0.30	na	na	0.027	na	na	na
	08/05/03	**1600**	**250**	< 0.5	< 0.2	na	na	na	na	na	< 0.02	**12**	na	na	na	**3.0**	na	na	0.035	na	na	na
	11/10/04	**1500**	210	1.6	< 0.50	na	na	na	na	na	< 0.020	**13**	na	na	na	**4.9**	na	na	0.049	na	na	na
	12/02/05	**1600**	220	0.61	< 0.50	na	na	na	na	na	< 0.020	**15**	na	na	na	**5.9**	na	na	0.049	na	na	na
Dup (MW-24)	12/17/06	**1600**	240	< 5	< 0.50	na	na	na	na	na	< 0.020	**15**	na	na	na	**2.5**	na	na	0.042	na	na	
	12/17/06	**1500**	240	< 5	< 0.50	na	na	na	na	na	0.036	**15**	na	na	na	**3.8**	na	na	0.046	na	na	na
	12/07/07	**1400**	240	1.2	< 1	na	na	na	na	na	< 0.020	**14**	na	na	na	**5.3**	na	na	0.052	na	na	na
Dup (MW-2)	12/07/07	**1500**	**250**	0.61	< 1	na	na	na	na	na	< 0.020	**13**	na	na	na	**4.9**	na	na	0.050	na	na	na
	12/11/08	**1400**	**240**	< 0.5	< 1	na	na	na	na	na	< 0.020	**14**	na	na	na	**6.0**	na	na	0.059	na	na	na
Dup (MW-18)	12/11/08	**1400**	**240**	< 0.5	< 1	na	na	na	na	na	< 0.020	**14**	na	na	na	**6.7**	na	na	0.061	na	na	na
	04/28/09	**1400**	**250**	1.3	0.17	na	na	na	na	na	< 0.020	**15**	na	na	na	**5.8**	na	na	0.057	na	na	na

Table 6. Summary of Groundwater Analyses - Inorganics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-6	11/30/94	**2400**	**700**	410	< 0.06	293	7.1	197	267	624	< 0.005	0.109	< 0.0005	< 0.01	0.014	< 0.05	< 0.002	< 0.0002	**0.562**	< 0.005	< 0.01	na
	09/12/95	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/12/96	**2460**	**715**	527	na	na	na	na	na	na	< 0.03	0.37	< 0.01	< 0.01	na	na	< 0.03	< 0.0002	**0.95**	< 0.04	< 0.01	na
	02/04/97	**2390**	**700**	467	na	na	na	na	na	na	< 0.03	0.12	< 0.01	< 0.01	< 0.01	0.01	< 0.03	< 0.0002	**0.79**	< 0.04	< 0.01	< 0.03
										(Unfiltered metals analysis)	< 0.03	0.55	< 0.01	0.02	0.03	**14**	< 0.03	< 0.0002	**1.1**	< 0.04	< 0.01	0.05
	05/10/97	**2550**	**700**	463	< 0.05	na	na	na	na	na	< 0.03	0.1	< 0.01	< 0.01	< 0.01	0.01	< 0.03	< 0.0002	**0.69**	< 0.04	< 0.01	< 0.03
	08/07/97	**2660**	**720**	427	0.4	na	na	na	na	na	< 0.03	0.8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	**0.93**	< 0.04	< 0.01	0.29
	10/09/97	**2710**	**710**	468	< 0.05	na	na	na	na	na	< 0.03	0.95	< 0.01	< 0.01	< 0.01	0.18	< 0.03	< 0.0002	**0.91**	< 0.04	< 0.01	0.4
	01/23/98	**2190**	**700**	378	< 0.05	na	na	na	na	na	< 0.1	0.121	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	**0.933**	< 0.1	< 0.01	< 0.02
	04/16/98	**1700**	**720**	500	0.89	na	na	na	na	na	< 0.1	0.112	< 0.005	< 0.01	< 0.01	0.7	< 0.05	< 0.0002	**0.844**	< 0.1	< 0.01	< 0.02
	07/16/98	**2100**	**620**	550	< 0.1	na	na	na	na	na	0.008	0.110	< 0.005	< 0.01	< 0.01	0.70	< 0.05	< 0.0002	**0.832**	< 0.005	< 0.01	< 0.02
	07/08/99	**2400**	**720**	390	< 0.01	na	na	na	na	na	< 0.010	0.114	< 0.0020	< 0.0050	< 0.0020	0.638	< 0.025	< 0.00020	**0.888**	< 0.010	< 0.0030	< 0.010
	07/18/00	**2390**	**780**	450	< 0.01	na	na	na	na	na	< 0.010	0.1140	na	na	na	0.707	na	< 0.00020	**0.804**	na	na	na
	08/21/01	**3380**	**802**	411	0.0636	na	na	na	na	na	< 0.05	< 0.01	na	na	na	0.103	na	< 0.0002	< 0.01	na	na	na
	08/01/02	**2700**	**740**	490	< 2.0	na	na	na	na	na	0.025	0.11	na	na	na	0.36	na	na	**0.88**	na	na	na
	08/05/03	**2600**	**720**	560	< 0.2	na	na	na	na	na	< 0.020	0.12	na	na	na	1.0	na	na	**0.93**	na	na	na
	11/09/04	**2600**	**680**	540	< 0.50	na	na	na	na	na	< 0.020	0.088	na	na	na	0.74	na	na	**0.83**	na	na	na
	12/02/05	**2400**	**720**	560	< 0.50	na	na	na	na	na	< 0.020	0.097	na	na	na	0.99	na	na	**0.85**	na	na	na
	12/17/06	**2400**	**700**	570	< 0.50	na	na	na	na	na	< 0.020	0.084	na	na	na	0.96	na	na	**0.83**	na	na	na
	12/07/07	**2500**	**740**	610	< 1.0	na	na	na	na	na	< 0.020	0.079	na	na	na	**1.1**	na	na	**0.83**	na	na	na
	12/11/08	**2800**	**690**	580	< 1.0	na	na	na	na	na	< 0.020	0.083	na	na	na	**1.1**	na	na	**0.87**	na	na	na
	04/28/09	**2400**	**780**	**620**	< 1.0	na	na	na	na	na	< 0.020	0.080	na	na	na	**1.1**	na	na	**0.85**	na	na	na

Table 6. Summary of Groundwater Analyses - Inorganics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-7	11/30/94	**2400**	**400**	**920**	6.8	323	7.9	148	244	327	0.006	0.032	< 0.0005	< 0.01	0.014	< 0.05	< 0.002	< 0.0002	0.069	0.008	< 0.01	na
	09/12/95	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/12/96	**2240**	**400**	**823**	na	na	na	na	na	na	< 0.03	**1.27**	< 0.01	0.01	na	na	< 0.03	< 0.0002	**0.6**	< 0.04	< 0.01	na
	02/04/97	**2100**	**380**	**779**	na	na	na	na	na	na	< 0.03	0.04	< 0.01	< 0.01	< 0.01	0.01	< 0.03	< 0.0002	0.04	< 0.04	< 0.01	< 0.03
									(Unfiltered metals analysis)		0.12	**3.2**	< 0.01	0.04	0.06	**41**	0.04	< 0.0002	**1.2**	< 0.04	< 0.01	0.14
	05/10/97	**2250**	**390**	**757**	7.3	na	na	na	na	na	< 0.03	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	0.04	< 0.04	< 0.01	< 0.03
	08/07/97	**2310**	**370**	**716**	4.1	na	na	na	na	na	< 0.03	0.61	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	0.09	< 0.04	< 0.01	0.22
	10/09/97	**2190**	**410**	**784**	7	na	na	na	na	na	< 0.03	0.81	< 0.01	< 0.01	< 0.01	0.19	< 0.03	< 0.0002	0.07	< 0.04	< 0.01	0.35
	01/23/98	**1700**	**400**	**646**	8.4	na	na	na	na	na	< 0.1	0.018	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.042	< 0.1	< 0.01	< 0.02
	04/17/98	**1800**	**410**	**900**	8.38	na	na	na	na	na	< 0.1	0.021	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.051	< 0.1	< 0.01	0.02
	07/16/98	**1900**	**301**	**800**	8.2	na	na	na	na	na	0.007	0.019	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.061	0.012	< 0.01	< 0.02
	07/08/99	**2100**	**360**	**670**	8.0	na	na	na	na	na	< 0.010	0.0191	< 0.0020	< 0.0050	< 0.0020	< 0.010	< 0.025	< 0.00020	0.0517	0.012	< 0.0030	< 0.010
	07/18/00	**2040**	**390**	**730**	8.0	na	na	na	na	na	< 0.010	0.0184	na	na	na	< 0.010	na	< 0.00020	0.0384	na	na	na
	08/21/01	**2290**	**394**	**632**	3.46	na	na	na	na	na	< 0.05	0.0215	na	na	na	< 0.05	na	< 0.0002	0.0459	na	na	na
	08/01/02	**2000**	**380**	**650**	7.5	na	na	na	na	na	< 0.010	0.022	na	na	na	< 0.020	na	na	0.061	na	na	na
	08/05/03	**2000**	**380**	**660**	6.7	na	na	na	na	na	< 0.020	0.019	na	na	na	< 0.020	na	na	0.060	na	na	na
	11/10/04	**2000**	**340**	**610**	6.1	na	na	na	na	na	< 0.020	0.023	na	na	na	0.12	na	na	0.078	na	na	na
	12/02/05	**1800**	**350**	**590**	5.2	na	na	na	na	na	< 0.020	0.034	na	na	na	0.31	na	na	0.090	na	na	na
	12/20/06	**1800**	**340**	**540**	4.4	na	na	na	na	na	< 0.020	0.022	na	na	na	< 0.05	na	na	0.068	na	na	na
	12/07/07	**1700**	**340**	**520**	4.2	na	na	na	na	na	< 0.020	0.021	na	na	na	0.11	na	na	0.079	na	na	na
	12/11/08	**1600**	**320**	**480**	3.8	na	na	na	na	na	< 0.020	0.023	na	na	na	0.064	na	na	0.090	na	na	na
	04/28/09	**1800**	**340**	**500**	3.9	na	na	na	na	na	< 0.020	0.024	na	na	na	0.13	na	na	0.092	na	na	na

Table 6. Summary of Groundwater Analyses - Inorganics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-8	11/30/94	**1900**	**590**	330	0.44	247	6	137	221	441	0.006	0.052	< 0.0005	< 0.01	0.014	< 0.05	< 0.002	< 0.0002	0.136	< 0.005	< 0.01	na
	09/13/95	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/12/96	**2010**	**555**	395	na	na	na	na	na	na	< 0.03	0.13	< 0.01	< 0.01	na	na	< 0.03	< 0.0002	**0.41**	< 0.04	< 0.01	na
	02/06/97	**2000**	**575**	222	na	na	na	na	na	na	< 0.03	0.08	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	**0.44**	< 0.04	< 0.01	< 0.03
									(Unfiltered metals analysis)		< 0.03	0.27	< 0.01	0.02	0.02	**8.9**	< 0.03	< 0.0002	**0.72**	< 0.04	< 0.01	0.05
	05/10/97	**1990**	**550**	263	< 0.05	na	na	na	na	na	< 0.03	0.06	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	**0.52**	< 0.04	< 0.01	< 0.03
	08/07/97	**2020**	**540**	251	0.07	na	na	na	na	na	< 0.03	0.8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	**0.67**	< 0.04	< 0.01	0.24
	10/09/97	**2100**	**570**	242	< 0.05	na	na	na	na	na	< 0.03	0.7	< 0.01	< 0.01	< 0.01	0.18	< 0.03	< 0.0002	**0.86**	< 0.04	< 0.01	0.25
	01/24/98	**1740**	**500**	248	< 0.05	na	na	na	na	na	< 0.1	0.071	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	**0.543**	< 0.1	< 0.01	< 0.02
	04/17/98	**1300**	**550**	400	0.88	na	na	na	na	na	< 0.1	0.071	< 0.005	< 0.01	< 0.01	0.65	< 0.05	< 0.0002	**0.751**	< 0.1	< 0.01	< 0.02
	07/17/98	**1500**	**557**	400	< 0.1	na	na	na	na	na	0.008	0.063	< 0.005	< 0.01	< 0.01	0.03	< 0.05	< 0.0002	**0.506**	< 0.005	< 0.01	< 0.02
Dup (MW-17)	07/17/98	**1500**	**578**	30	< 0.1	na	na	na	na	na	0.008	0.070	< 0.005	< 0.01	< 0.01	0.09	< 0.05	< 0.0002	**0.654**	< 0.005	< 0.01	< 0.02
	07/09/99	**1900**	**550**	250	0.09	na	na	na	na	na	< 0.010	0.0731	< 0.0020	< 0.0050	< 0.0020	0.141	< 0.025	< 0.00020	**0.781**	< 0.010	< 0.0030	< 0.010
Dup (MW-17)	07/09/99	**1900**	**540**	250	0.11	na	na	na	na	na	< 0.010	0.0728	< 0.0020	< 0.0050	0.0029	0.242	< 0.025	< 0.00020	**0.731**	< 0.010	< 0.0030	< 0.010
	07/18/00	**1790**	**580**	240	0.02	na	na	na	na	na	< 0.010	0.0703	na	na	na	0.082	na	< 0.00020	**0.734**	na	na	na
Dup (MW-17)	07/18/00	**1830**	**580**	240	0.02	na	na	na	na	na	< 0.010	0.0712	na	na	na	0.107	na	< 0.00020	**0.734**	na	na	na
	08/21/01	**2430**	**576**	195	< 0.01	na	na	na	na	na	< 0.05	0.0717	na	na	na	0.0909	na	< 0.0002	**0.903**	na	na	na
Dup (MW-17)	08/21/01	**2460**	**647**	172	0.0813	na	na	na	na	na	< 0.05	0.078	na	na	na	0.097	na	< 0.0002	**0.948**	na	na	na
	08/01/02	**1900**	**490**	170	< 2.0	na	na	na	na	na	< 0.010	0.082	na	na	na	0.026	na	na	**0.91**	na	na	na
Dup (MW-18)	08/01/02	**1800**	**510**	170	< 2.0	na	na	na	na	na	< 0.010	0.080	na	na	na	0.024	na	na	**0.94**	na	na	na
	08/05/03	**1700**	**470**	180	< 0.2	na	na	na	na	na	< 0.020	0.11	na	na	na	0.18	na	na	**1.0**	na	na	na
Dup (MW-19)	08/05/03	**1700**	**490**	170	< 0.2	na	na	na	na	na	< 0.020	0.16	na	na	na	0.18	na	na	**0.98**	na	na	na
	11/09/04	**1800**	**430**	160	< 0.50	na	na	na	na	na	< 0.020	0.069	na	na	na	0.15	na	na	**0.97**	na	na	na
	12/02/05	**1700**	**460**	150	< 0.50	na	na	na	na	na	< 0.020	0.077	na	na	na	0.14	na	na	**0.94**	na	na	na
Dup (MW-20)	12/02/05	**1700**	**460**	150	< 0.50	na	na	na	na	na	< 0.020	0.077	na	na	na	0.13	na	na	**0.95**	na	na	na
	12/17/06	**1500**	**370**	340	< 0.50	na	na	na	na	na	< 0.020	0.098	na	na	na	< 0.05	na	na	**0.34**	na	na	na
	12/07/07	**1700**	**490**	140	< 1.0	na	na	na	na	na	< 0.020	0.098	na	na	na	0.48	na	na	**0.96**	na	na	na
	12/11/08	**1800**	**430**	120	< 1.0	na	na	na	na	na	< 0.020	0.092	na	na	na	0.26	na	na	**1.2**	na	na	na
	04/28/09	**1700**	**500**	120	< 1.0	na	na	na	na	na	< 0.020	0.085	na	na	na	0.58	na	na	**0.89**	na	na	na
Dup (MW-18)	04/28/09	**1800**	**470**	120	< 1.0	na	na	na	na	na	< 0.020	0.083	na	na	na	0.59	na	na	**0.87**	na	na	na

Table 6. Summary of Groundwater Analyses - Inorganics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-14	09/13/95	**2360**	**515**	**700**	1.91	276	7	147	170	444	< 0.05	0.14	< 0.005	< 0.01	na	na	< 0.05	< 0.0002	na	< 0.1	< 0.01	na
	11/12/96	**2510**	**550**	**837**	na	na	na	na	na	na	< 0.03	0.05	< 0.01	< 0.01	na	na	< 0.03	< 0.0002	0.07	< 0.04	< 0.01	na
	02/04/97	**2510**	**575**	**757**	na	na	na	na	na	na	< 0.03	0.07	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	0.06	< 0.04	< 0.01	< 0.03
								(Unfiltered metals analysis)			< 0.03	0.13	< 0.01	< 0.01	< 0.01	**1.9**	< 0.03	< 0.0002	0.1	< 0.04	< 0.01	< 0.03
	05/10/97	**2530**	**520**	**715**	2.2	na	na	na	na	na	< 0.03	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	0.07	< 0.04	< 0.01	< 0.03
	08/07/97	**2420**	**520**	**662**	1.9	na	na	na	na	na	< 0.03	0.73	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	0.11	< 0.04	< 0.01	0.22
	10/08/97	**2490**	**550**	**769**	2.3	na	na	na	na	na	< 0.03	0.54	< 0.01	< 0.01	< 0.01	0.18	< 0.03	< 0.0002	0.11	< 0.04	< 0.01	0.22
	01/23/98	**2200**	**500**	**663**	2.9	na	na	na	na	na	< 0.1	0.018	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.080	< 0.1	< 0.01	< 0.02
	04/17/98	**2000**	**540**	**800**	3.72	na	na	na	na	na	< 0.1	0.028	< 0.005	< 0.01	< 0.01	0.03	**0.05**	< 0.0002	0.119	< 0.1	< 0.01	0.02
	07/17/98	**1800**	**557**	**700**	2.8	na	na	na	na	na	0.011	0.021	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.136	0.010	< 0.01	0.02
	07/09/99	**2400**	**530**	**640**	2.7	na	na	na	na	na	< 0.010	0.0216	< 0.0020	< 0.0050	0.0025	< 0.010	< 0.025	< 0.00020	0.111	< 0.010	< 0.0030	< 0.010
	07/18/00	**2310**	**570**	**690**	2.1	na	na	na	na	na	< 0.010	0.0182	na	na	na	< 0.010	na	< 0.00020	0.105	na	na	na
	08/21/01	**2900**	**593**	597	0.817	na	na	na	na	na	< 0.05	0.0228	na	na	na	< 0.05	na	< 0.0002	0.173	na	na	na
	08/01/02	**2300**	**510**	580	1.2	na	na	na	na	na	< 0.010	0.026	na	na	na	< 0.020	na	na	**0.31**	na	na	na
	08/05/03	**2300**	**560**	**610**	0.71	na	na	na	na	na	< 0.020	0.280	na	na	na	< 0.020	na	na	**0.42**	na	na	na
	11/10/04	**2300**	**560**	**590**	0.95	na	na	na	na	na	< 0.020	0.025	na	na	na	< 0.020	na	na	**0.44**	na	na	na
	12/02/05	**2200**	**610**	**650**	1.2	na	na	na	na	na	< 0.020	0.027	na	na	na	< 0.020	na	na	**0.51**	na	na	na
	12/17/06	**2300**	**570**	**620**	1.2	na	na	na	na	na	< 0.020	0.026	na	na	na	< 0.050	na	na	**0.62**	na	na	na
	12/07/07	**2300**	**560**	**670**	2.1	na	na	na	na	na	< 0.020	0.024	na	na	na	< 0.050	na	na	**0.62**	na	na	na
	12/11/08	**2200**	**530**	**620**	1.6	na	na	na	na	na	< 0.020	0.026	na	na	na	< 0.050	na	na	**0.67**	na	na	na
	04/28/09	**2300**	**570**	**620**	1.5	na	na	na	na	na	< 0.020	0.026	na	na	na	< 0.050	na	na	**0.67**	na	na	na

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TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW15	09/14/95	**2500**	**442**	**900**	**13.2**	291	6.5	137	206	286	< 0.05	0.02	< 0.005	< 0.01	na	na	< 0.05	< 0.0002	na	< 0.1	0.01	na
	11/12/96	**2420**	**435**	**892**	na	na	na	na	na	na	< 0.03	0.06	< 0.01	< 0.01	na	na	< 0.03	< 0.0002	0.02	< 0.04	< 0.01	na
	02/04/97	**2360**	**420**	**924**	na	na	na	na	na	na	< 0.03	0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
								(Unfiltered metals analysis)			< 0.03	0.17	< 0.01	< 0.01	< 0.01	**2.3**	< 0.03	< 0.0002	0.06	< 0.04	< 0.01	< 0.03
	05/10/97	**2530**	**860**	**1020**	**10.2**	na	na	na	na	na	< 0.03	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
	08/07/97	**2510**	**410**	**825**	**10.2**	na	na	na	na	na	< 0.03	0.63	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	0.26
	10/08/97	**2400**	**420**	**941**	5.8	na	na	na	na	na	< 0.03	0.53	< 0.01	< 0.01	< 0.01	0.19	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	0.23
	01/23/98	**2150**	**400**	**766**	**12.54**	na	na	na	na	na	< 0.1	0.014	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	< 0.005	< 0.1	< 0.01	< 0.02
	04/16/98	**1700**	**420**	**1000**	**19.6**	na	na	na	na	na	< 0.1	0.020	< 0.005	< 0.01	< 0.01	0.06	< 0.05	< 0.0002	< 0.005	< 0.1	< 0.01	0.03
	07/17/98	**1800**	**386**	**1000**	**11.9**	na	na	na	na	na	0.012	0.018	< 0.005	< 0.01	< 0.01	0.24	< 0.05	< 0.0002	< 0.005	0.020	< 0.01	< 0.02
	07/08/99	**2100**	**340**	**710**	**13.0**	na	na	na	na	na	< 0.010	0.0231	< 0.0020	< 0.0050	< 0.0020	0.144	< 0.025	< 0.00020	0.0014	0.016	< 0.0030	< 0.010
	07/17/00	**1970**	**350**	**730**	**13.0**	na	na	na	na	na	< 0.010	0.0226	na	na	na	0.042	na	< 0.00020	0.002	na	na	na
	08/21/01	**2290**	**368**	**736**	4.96	na	na	na	na	na	< 0.05	0.0283	na	na	na	< 0.05	na	< 0.0002	< 0.01	na	na	na
	08/01/02	**2000**	**340**	**740**	**12**	na	na	na	na	na	0.043	0.045	na	na	na	< 0.020	na	na	< 0.002	na	na	na
	08/05/03	**2000**	**320**	**730**	**11**	na	na	na	na	na	< 0.020	0.022	na	na	na	< 0.020	na	na	< 0.002	na	na	na
	11/09/04	**1900**	**280**	**630**	8.7	na	na	na	na	na	< 0.020	0.024	na	na	na	< 0.020	na	na	0.0030	na	na	na
	12/02/05	**1800**	**290**	**640**	7.8	na	na	na	na	na	< 0.020	0.021	na	na	na	0.020	na	na	< 0.002	na	na	na
	12/17/06	**1600**	240	540	7.6	na	na	na	na	na	< 0.020	0.022	na	na	na	< 0.05	na	na	< 0.002	na	na	na
	12/07/07	**1700**	**260**	580	8.8	na	na	na	na	na	< 0.020	0.055	na	na	na	0.24	na	na	0.057	na	na	na
	12/11/08	**1500**	**240**	530	8.6	na	na	na	na	na	< 0.020	0.039	na	na	na	< 0.020	na	na	< 0.002	na	na	na
	04/28/09	**1500**	**230**	500	8.4	na	na	na	na	na	< 0.020	0.038	na	na	na	0.33	na	na	0.013	na	na	na

Table 6. Summary of Groundwater Analyses - Inorganics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW16	09/14/95	**2570**	**624**	**850**	2.62	320	9.7	188	211	410	< 0.05	0.22	< 0.005	0.02	na	na	< 0.05	0.0003	na	< 0.1	< 0.01	na
	11/12/96	**3550**	**995**	**1020**	na	na	na	na	na	na	< 0.03	0.06	< 0.01	< 0.01	na	na	< 0.03	< 0.0002	**1.21**	< 0.04	< 0.01	na
	02/04/97	**3470**	**950**	**830**	na	na	na	na	na	na	< 0.03	0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	**1.1**	< 0.04	< 0.01	< 0.03
										(Unfiltered metals analysis)	0.07	0.37	< 0.01	0.02	0.04	**27**	0.04	< 0.0002	**1.8**	< 0.04	< 0.01	0.1
	05/10/97	**3520**	**420**	**1110**	1.6	*na*	*na*	*na*	*na*	*na*	< 0.03	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	**1.07**	< 0.04	0.02	0.02
	08/06/97	**3480**	**860**	**1010**	1.7	na	na	na	na	na	< 0.03	0.67	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	**1.1**	< 0.04	0.02	0.29
	10/08/97	**3370**	**860**	**904**	0.95	na	na	na	na	na	< 0.03	0.52	< 0.01	< 0.01	< 0.01	0.26	< 0.03	< 0.0002	**1.14**	< 0.04	< 0.01	0.25
	01/23/98	**2730**	**800**	**824**	0.91	na	na	na	na	na	< 0.1	0.019	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	**0.971**	< 0.1	< 0.01	< 0.02
	04/16/98	**2400**	**710**	**1100**	1.78	na	na	na	na	na	< 0.1	0.026	< 0.005	< 0.01	< 0.01	0.04	< 0.05	< 0.0002	**0.941**	< 0.1	< 0.01	< 0.02
	07/16/98	**2500**	**620**	**1100**	1.2	na	na	na	na	na	< 0.005	0.023	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	**0.913**	< 0.005	< 0.01	0.03
	07/08/99	**3200**	**830**	**920**	1.8	na	na	na	na	na	< 0.010	0.0240	< 0.0020	< 0.0050	0.0020	< 0.010	< 0.025	< 0.00020	**0.781**	< 0.010	< 0.0030	< 0.010
	07/17/00	**3080**	**890**	**1000**	2.1	na	na	na	na	na	< 0.010	0.0204	na	na	na	0.0140	na	< 0.00020	**0.957**	na	na	na
	08/21/01	**3530**	**809**	**937**	0.295	na	na	na	na	na	< 0.05	0.019	na	na	na	< 0.05	na	< 0.0002	**1.52**	na	na	na
	08/01/02	**3000**	**690**	**930**	1.5	na	na	na	na	na	0.040	0.028	na	na	na	< 0.020	na	na	**0.85**	na	na	na
	08/05/03	**3000**	**700**	**980**	1.4	na	na	na	na	na	< 0.020	0.016	na	na	na	< 0.020	na	na	**0.61**	na	na	na
	11/09/04	**3000**	**680**	**960**	2.0	na	na	na	na	na	< 0.020	0.021	na	na	na	< 0.020	na	na	**0.31**	na	na	na
	12/02/05	**2700**	**560**	**930**	< 0.5	na	na	na	na	na	< 0.020	< 0.020	na	na	na	0.025	na	na	**1.5**	na	na	na
	12/17/06	**2700**	**590**	**950**	< 0.5	na	na	na	na	na	< 0.002	< 0.020	na	na	na	< 0.050	na	na	**1.4**	na	na	na
	12/07/07	**2700**	**570**	**910**	< 1.0	na	na	na	na	na	< 0.020	< 0.020	na	na	na	< 0.050	na	na	**1.6**	na	na	na
	12/11/08	**2700**	**530**	**890**	< 1.0	na	na	na	na	na	< 0.020	< 0.020	na	na	na	< 0.050	na	na	**1.4**	na	na	na
	04/28/09	**2800**	**580**	**920**	1.5	na	na	na	na	na	< 0.020	< 0.020	na	na	na	< 0.050	na	na	**1.1**	na	na	na
MW-17	11/10/04	**2500**	**570**	**680**	8.5	na	na	na	na	na	< 0.020	0.056	na	na	na	0.021	na	na	0.019	na	na	na
	12/02/05	**2300**	**590**	**670**	7.6	na	na	na	na	na	< 0.020	0.067	na	na	na	0.086	na	na	0.0022	na	na	na
	12/15/06	**2300**	**600**	**640**	7.1	na	na	na	na	na	< 0.020	0.065	na	na	na	< 0.020	na	na	< 0.0020	na	na	na
	12/07/07	**2400**	**590**	**660**	8.7	na	na	na	na	na	< 0.020	0.065	na	na	na	0.068	na	na	0.0041	na	na	na
	12/11/08	**2500**	**540**	**650**	7.9	na	na	na	na	na	< 0.020	0.061	na	na	na	< 0.020	na	na	< 0.0020	na	na	na
	04/28/09	**2300**	**610**	**650**	8.0	na	na	na	na	na	< 0.020	0.065	na	na	na	< 0.050	na	na	0.0026	na	na	na

Table 6. Summary of Groundwater Analyses - Inorganics
TW WT-1 Station Engine Room Pit Area

Well ID	Sampling Date	Major Ions (mg/L)									Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
SVE-1A	07/18/01	**1870**	**300**	< 3.0	0.03	na	na	na	na	na	0.067	**30.7**	na	na	na	**6.79**	na	0.00020	0.0257	na	na	na
	08/21/01	**2030**	193	6.69	< 0.01	na	na	na	na	na	**0.109**	**8.71**	na	na	na	0.531	na	< 0.0002	0.0112	na	na	na
	08/01/02	**1700**	190	< 5.0	< 2.0	na	na	na	na	na	**0.21**	**29**	na	na	na	0.29	na	na	0.010	na	na	na
	08/05/03	**1700**	240	< 0.5	< 0.2	na	na	na	na	na	**0.12**	**24**	na	na	na	**5.3**	na	na	0.0092	na	na	na
	11/10/04	**1700**	**260**	0.59	< 0.50	na	na	na	na	na	**0.12**	**23**	na	na	na	**6.8**	na	na	0.015	na	na	na
	12/02/05	**1700**	**310**	< 0.5	< 0.5	na	na	na	na	na	0.062	**26**	na	na	na	**8.6**	na	na	0.030	na	na	na
	12/14/06	**1600**	**340**	< 0.5	< 5.0	na	na	na	na	na	0.046	**25**	na	na	na	**7.9**	na	na	0.024	na	na	na
	12/07/07	**1700**	**370**	< 0.5	< 1.0	na	na	na	na	na	0.047	**27**	na	na	na	**11**	na	na	0.034	na	na	na
	12/11/08	**1600**	**360**	< 0.5	< 1.0	na	na	na	na	na	0.033	**24**	na	na	na	**8.5**	na	na	0.033	na	na	na
	04/28/09	**1800**	**420**	1.0	0.16	na	na	na	na	na	0.042	**25**	na	na	na	**7.1**	na	na	0.031	na	na	na

NOTES:
(a) na - Analysis for this constituent was not run on samples collected during this sample event

Table 7. Summary of Completion Details for Soil Borings Completed as Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Source[a]	Date of Completion	Measuring Point Elevation [b] (ft)	Northing (ft)	Easting (ft)	Total Depth of Boring (ft bgs)	Measured Depth of Well (ft from TOC)	Surface Completion Type	Casing Diameter (in.)	Screen Interval (ft bgs)	Top of Sand Pack (ft bgs)
MW-1	SH&B/B&R	08/12/92	3,547.65	-36.2	-661.8	53.5	55.04	Stickup	2	43.5-53.5	41.0
MW-2	SH&B/B&R	09/01/92	3,546.28	-2.8	-552.0	50.0	52.31	Stickup	2	40-50	38.0
MW-3	SH&B/B&R	08/28/92	3,548.99	-174.5	-619.3	48.5	50.00	Flush Mount	2	38.5-48.5	35.5
MW-3 P&A	CMB	01/08/00	--	--	--	--	--	--	--	--	--
MW-4	Eades/DBS&A	11/29/94	3,548.29	-322.5	-664.2	80.0	58.25	Flush Mount	2	43.5-58.5	41.0
MW-5	Eades/DBS&A	11/29/94	3,543.60	52.4	-642.0	59.6	59.75	Flush Mount	2	44.6-59.6	41.0
MW-6	Eades/DBS&A	11/28/94	3,543.33	132.1	-834.3	61.0	61.20	Flush Mount	2	46-61	42.5
MW-7	Eades/DBS&A	11/21/94	3,542.00	129.5	-470.6	56.0	54.88	Flush Mount	2	40-55	37.0
MW-8	Eades/DBS&A	11/20/94	3,541.49	195.3	-639.1	59.0	59.20	Flush Mount	2	44-59	42.0
MW-14	Eades/DBS&A	09/11/95	3,539.73	353.3	-671.4	61.0	60.25	Flush Mount	2	45.5-60.5	43.0
MW-15	Eades/DBS&A	09/12/95	3,542.82	-84.1	-345.5	60.5	57.85	Flush Mount	2	43-58	40.5
MW-16	Eades/DBS&A	09/12/95	3,545.68	-76.1	-930.0	61.0	60.02	Flush Mount	2	45-60	42.0
MW-17	Atkins/CES	10/28/04	3,538.60	487.6	-699.1	75.0	74.83	Flush Mount	2	44-74	42.0
SVE-1A	Eades/DBS&A	11/18/94	3,545.59	-73.0	-616.0	53.0	52.63	Flush Mount	2	42.5-52.5	41.2
SVE-1B	Eades/DBS&A	11/18/94	3,545.61	-73.0	-616.0	37.5	NA	Flush Mount	2	21-36	18.3
RW-1	GPI/CES	09/07/00	3,545.97	-4.6	-507.7	60.2	62.36	Stickup	4.5	Open hole 43-60.2	None
RW-2	GPI/CES	09/08/00	3,546.26	-3.1	-536.5	60.4	62.45	Stickup	4.5	Open hole 43-60.4	None
RW-3	GPI/CES	09/09/00	3,546.41	-3.1	-566.3	60.0	61.65	Stickup	4.5	Open hole 43-60	None
RW-4	GPI/CES	09/10/00	3,546.96	-2.9	-597.4	60.0	62.10	Stickup	4.5	Open hole 43-60	None
RW-5	GPI/CES	09/11/00	3,546.75	-3.9	-627.0	60.0	62.35	Stickup	4.5	Open hole 43-60	None
RW-6	GPI/CES	09/12/00	3,546.69	-4.0	-656.5	60.0	62.12	Stickup	4.5	Open hole 43-60	None
RW-7	GPI/CES	09/13/00	3,547.50	-3.7	-687.2	60.2	62.52	Stickup	4.5	Open hole 43-60.2	None
RW-8	GPI/CES	09/14/00	3,547.04	-4.2	-716.3	60.1	62.17	Stickup	4.5	Open hole 43-60.1	None
RW-9	GPI/CES	09/20/00	3,545.84	-54.9	-690.0	60.2	59.98	Stickup	4.5	Open hole 43-60.2	None

Table 7. Summary of Completion Details for Soil Borings Completed as Wells
TW WT-1 Station Engine Room Pit Area

Well ID	Source[a]	Date of Completion	Measuring Point Elevation [b] (ft)	Northing (ft)	Easting (ft)	Total Depth of Boring (ft bgs)	Measured Depth of Well (ft from TOC)	Surface Completion Type	Casing Diameter (in.)	Screen Interval (ft bgs)	Top of Sand Pack (ft bgs)
RW-10	GPI/CES	09/21/00	3,546.32	-107.0	-661.4	60.1	59.90	Stickup	4.5	Open hole 43-60.1	None
RW-11	GPI/CES	09/22/00	3,545.74	-107.8	-568.2	60.2	59.97	Stickup	4.5	Open hole 43-60.2	None
RW-12	GPI/CES	09/23/00	3,544.43	-55.4	-541.4	60.2	60.09	Stickup	4.5	Open hole 43-60.2	None

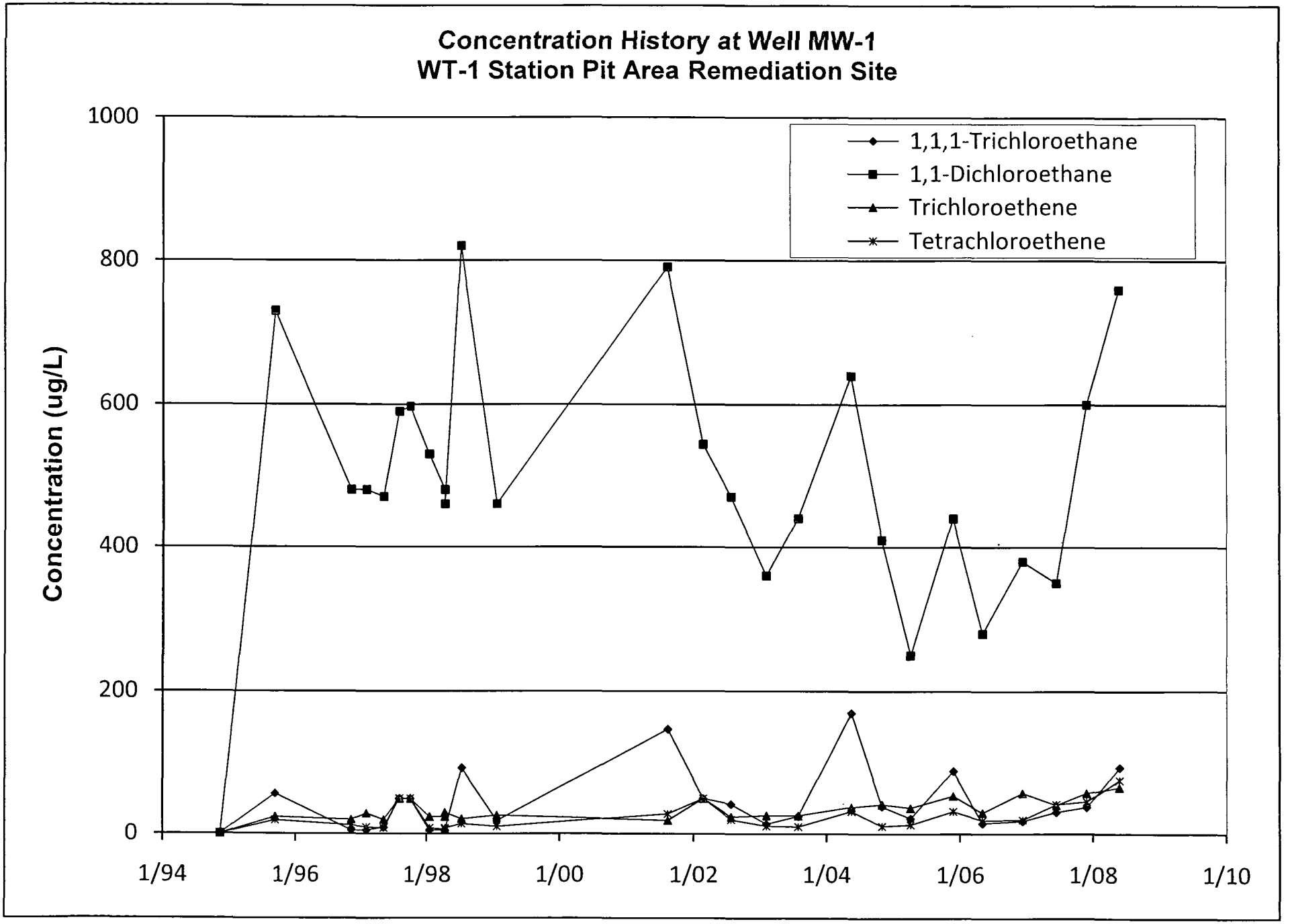
NOTES:
(a) Driller/Consultant
(b) Survey by John W. West Engineering
(c) Survey by Cypress Engineering (GAF) on November 4, 2004 for well MW-17

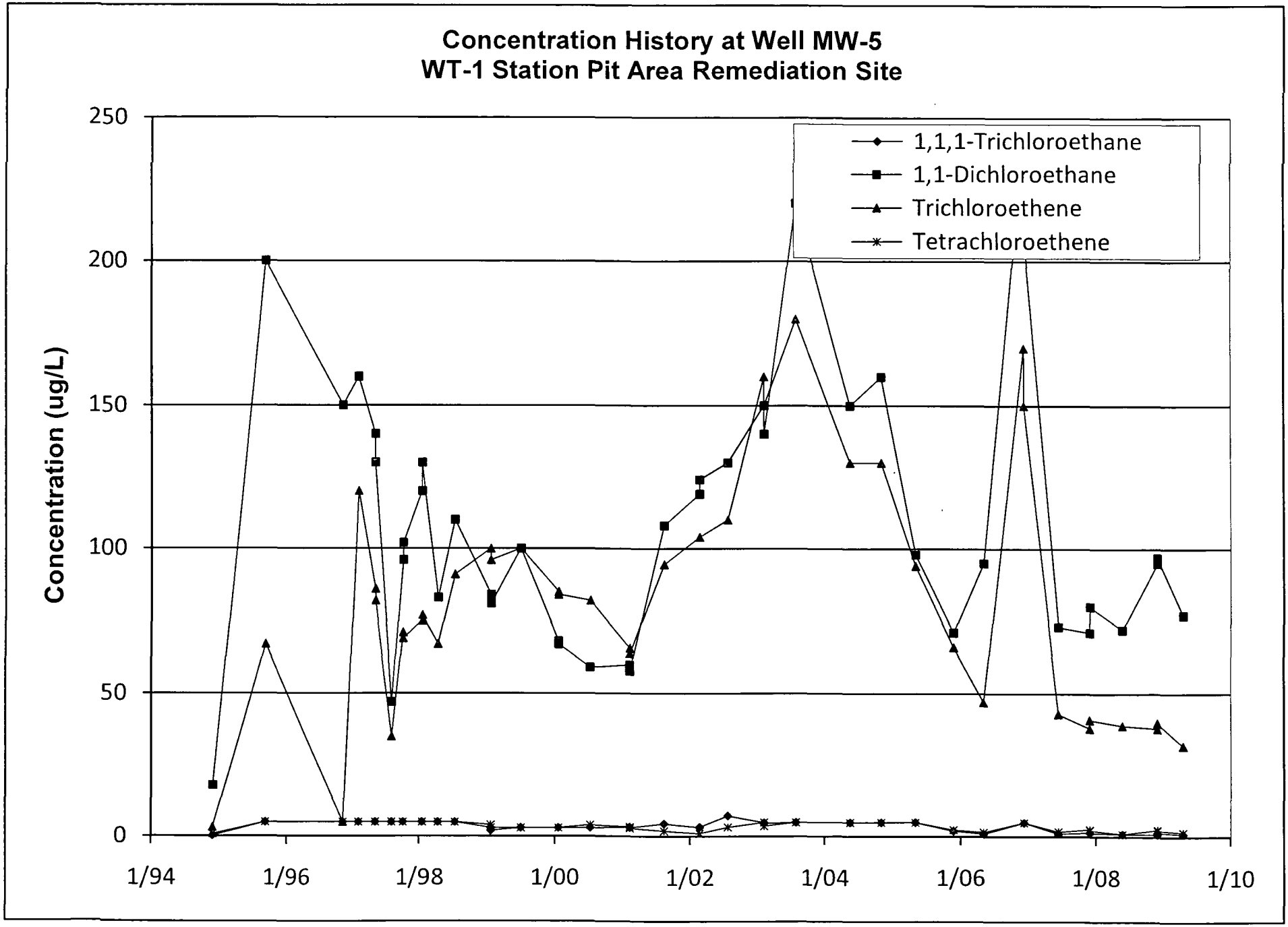
Table 8. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
TW WT-1 Station Engine Room Pit Area

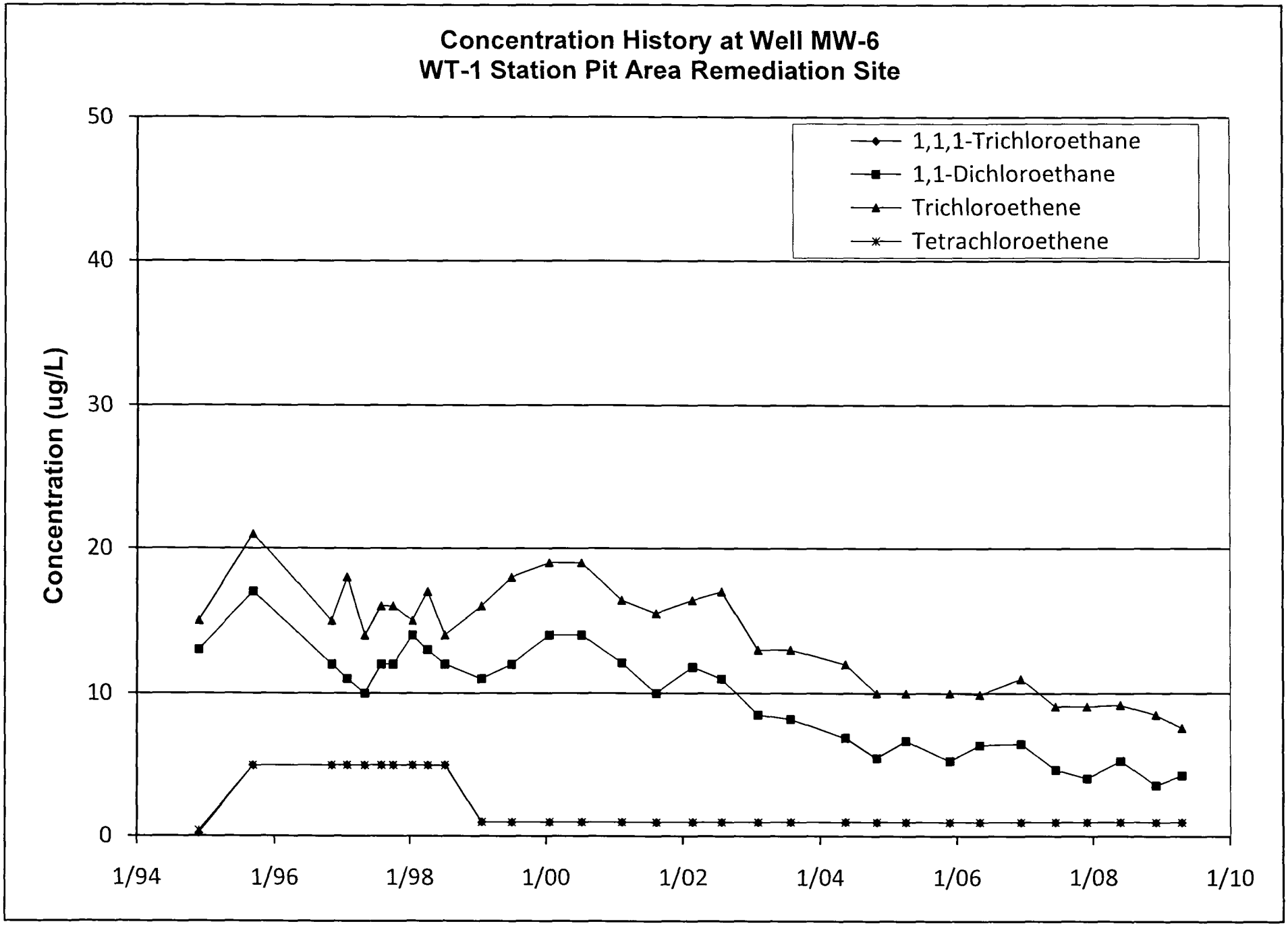
Well ID	Analytical Requirements for Annual Event	1,1-DCA (ppb) Latest Result	Comments
MW-1	VOC's	760	Well contains PSH intermittently
MW-2	na	na	Well contains PSH
MW-3	na	na	Well abandoned
MW-4	VOC's	< 1	
MW-5	VOC's	97	
MW-6	VOC's	3.6	
MW-7	VOC's	41	
MW-8	VOC's	78	
MW-14	VOC's	19	
MW-15	VOC's	1.6	
MW-16	VOC's	< 1	
MW-17	VOC's	1.2	
SVE-1A	VOC's	150	

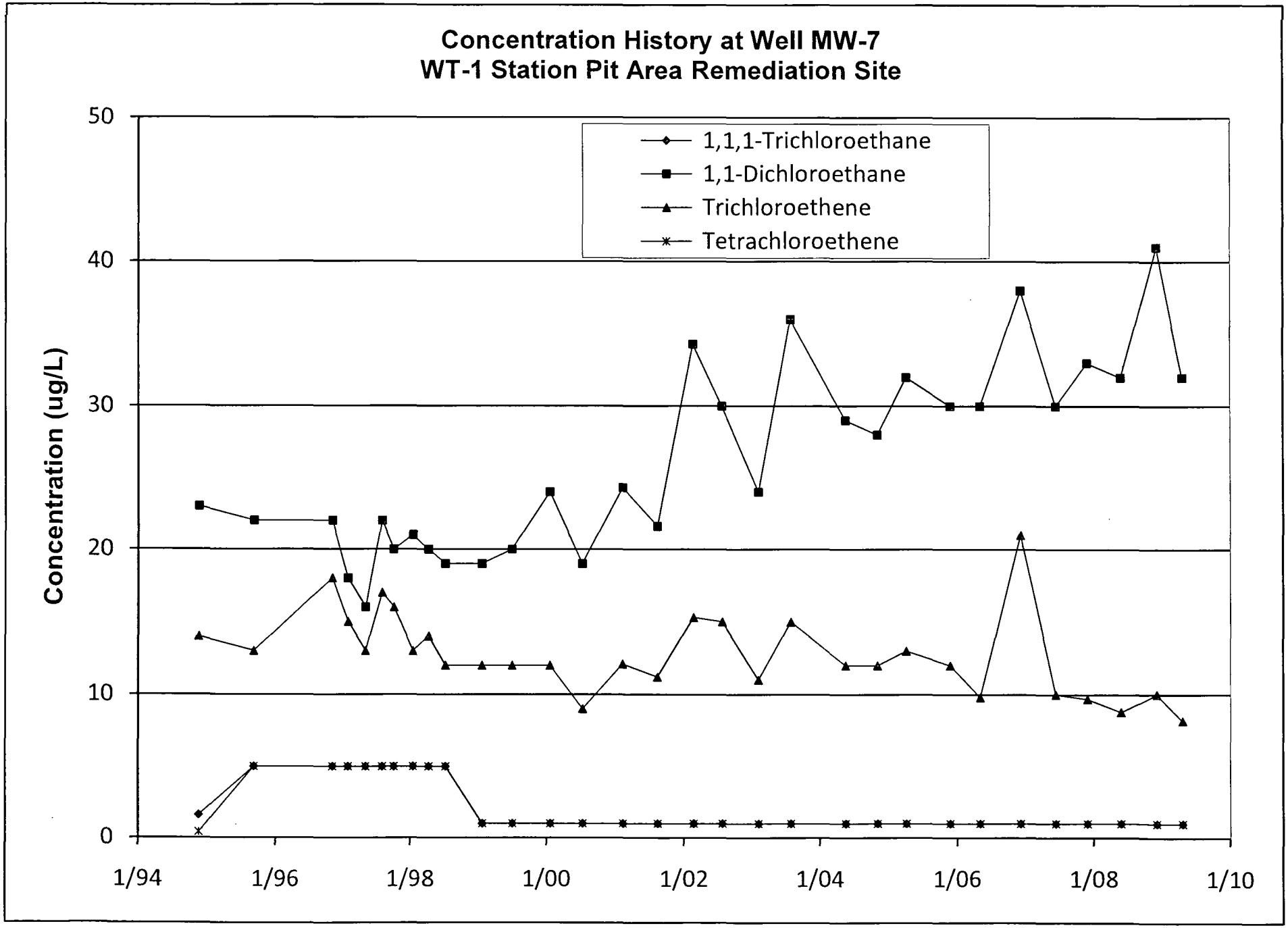
Notes:
1) VOC's by 8260
2) "Comments" are provided for wells that will not be sampled during one or more events

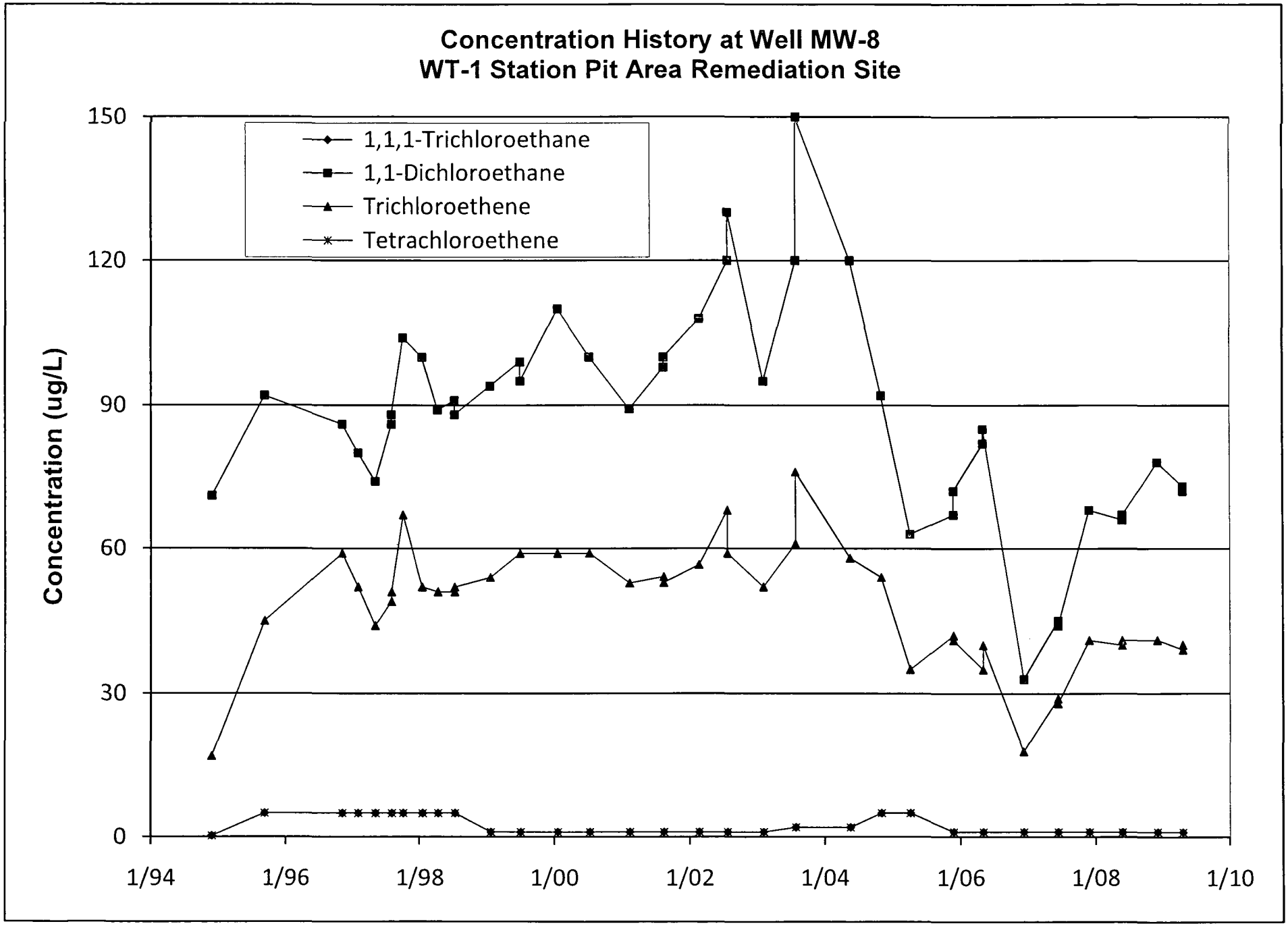
Concentration History Plots

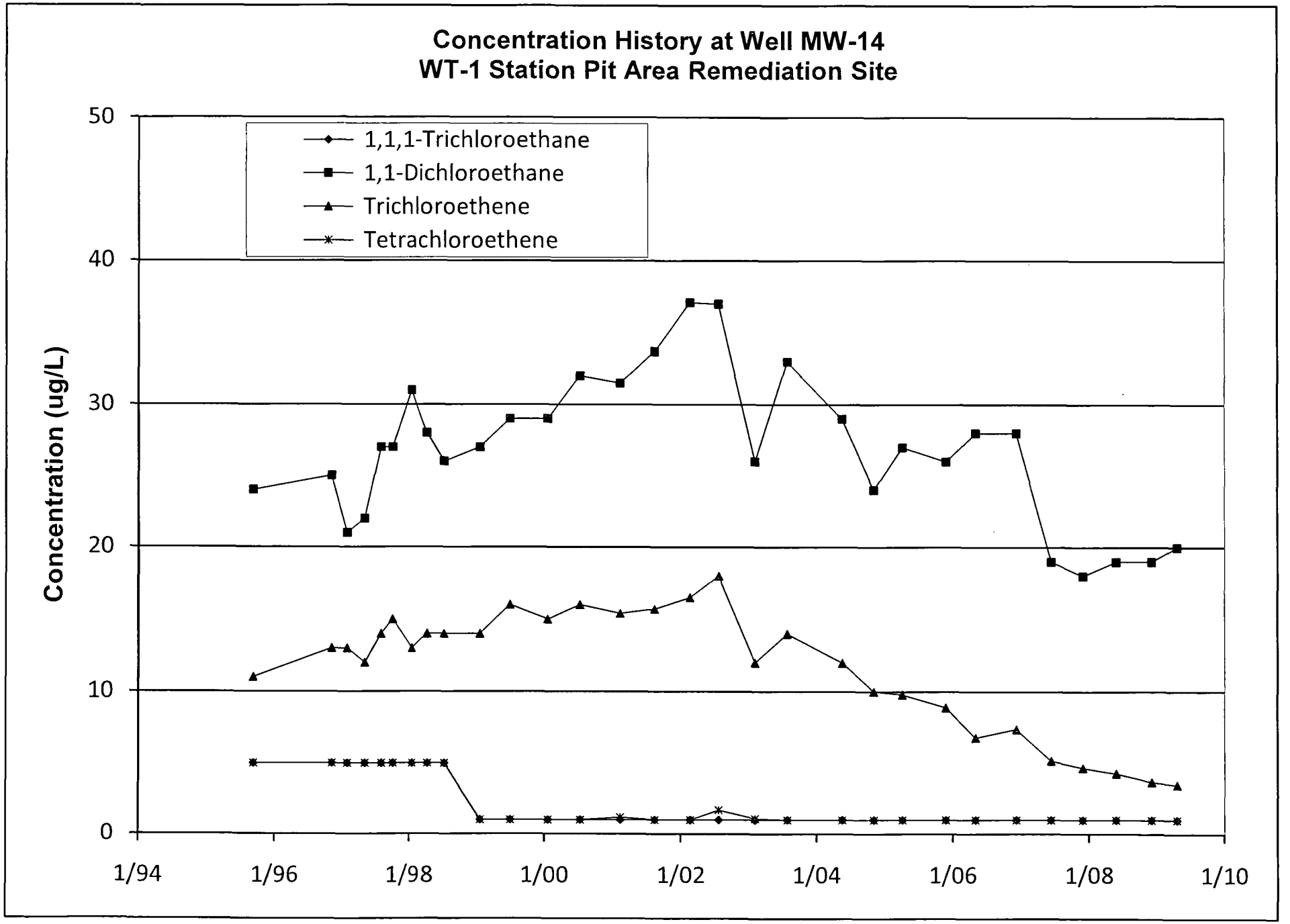

Concentration History at Well MW-1
WT-1 Station Pit Area Remediation Site
Concentration (ug/L)
1000
800
600
400
200
0
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene

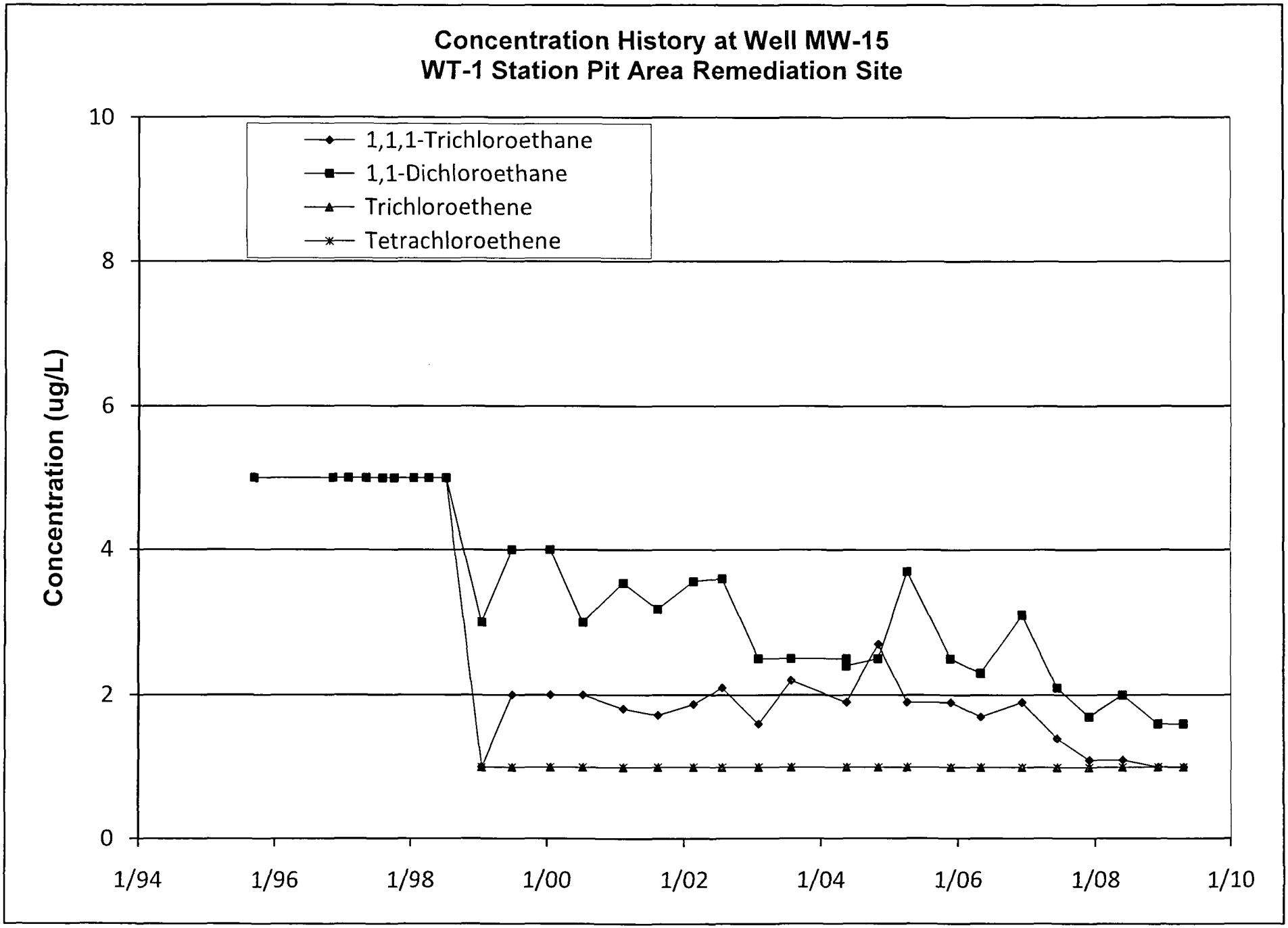

Concentration History at Well MW-5
WT-1 Station Pit Area Remediation Site
Concentration (ug/L)
250
200
150
100
50
0
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene

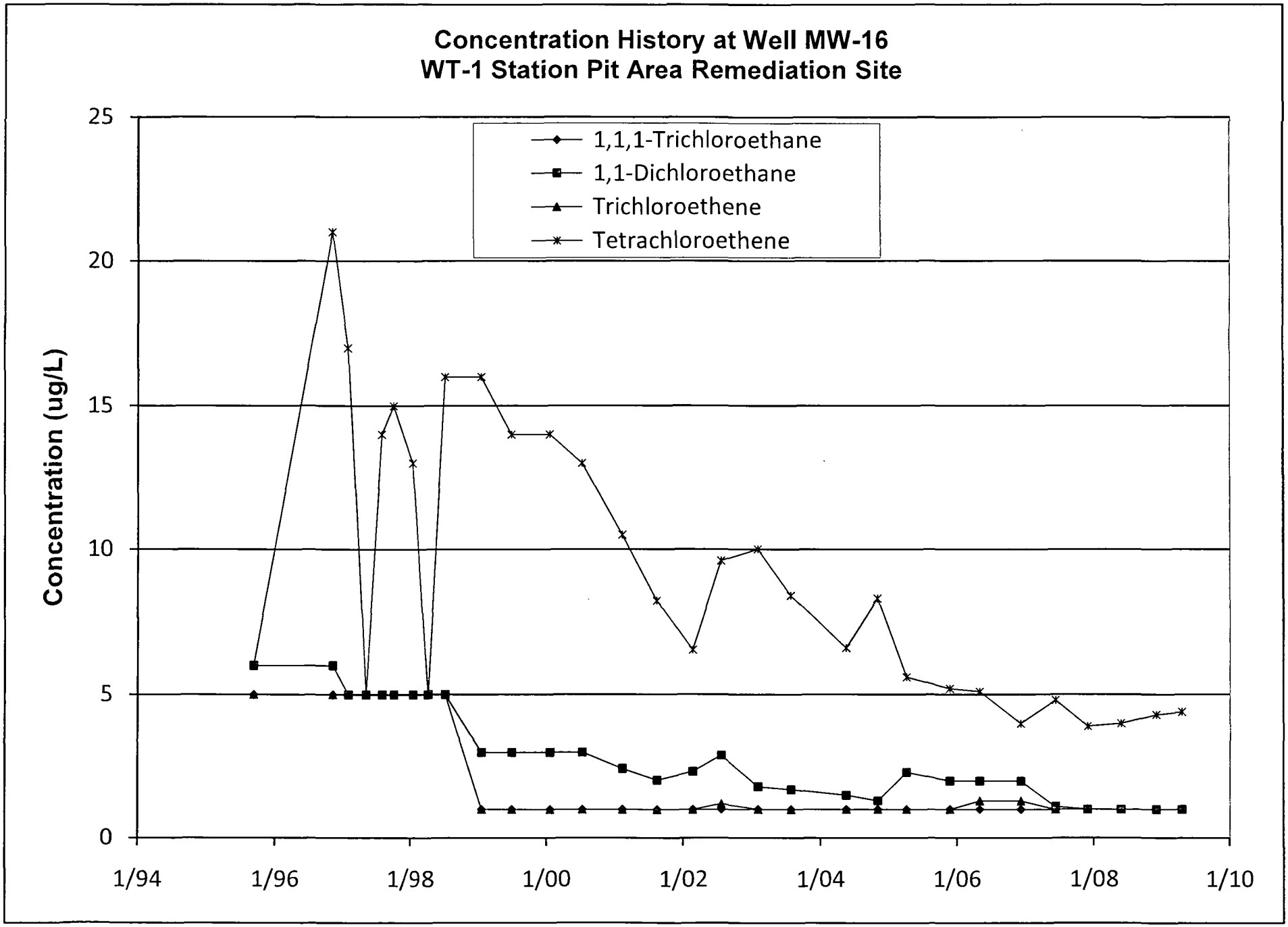

Concentration History at Well MW-6
WT-1 Station Pit Area Remediation Site
Concentration (ug/L)
50
40
30
20
10
0
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene

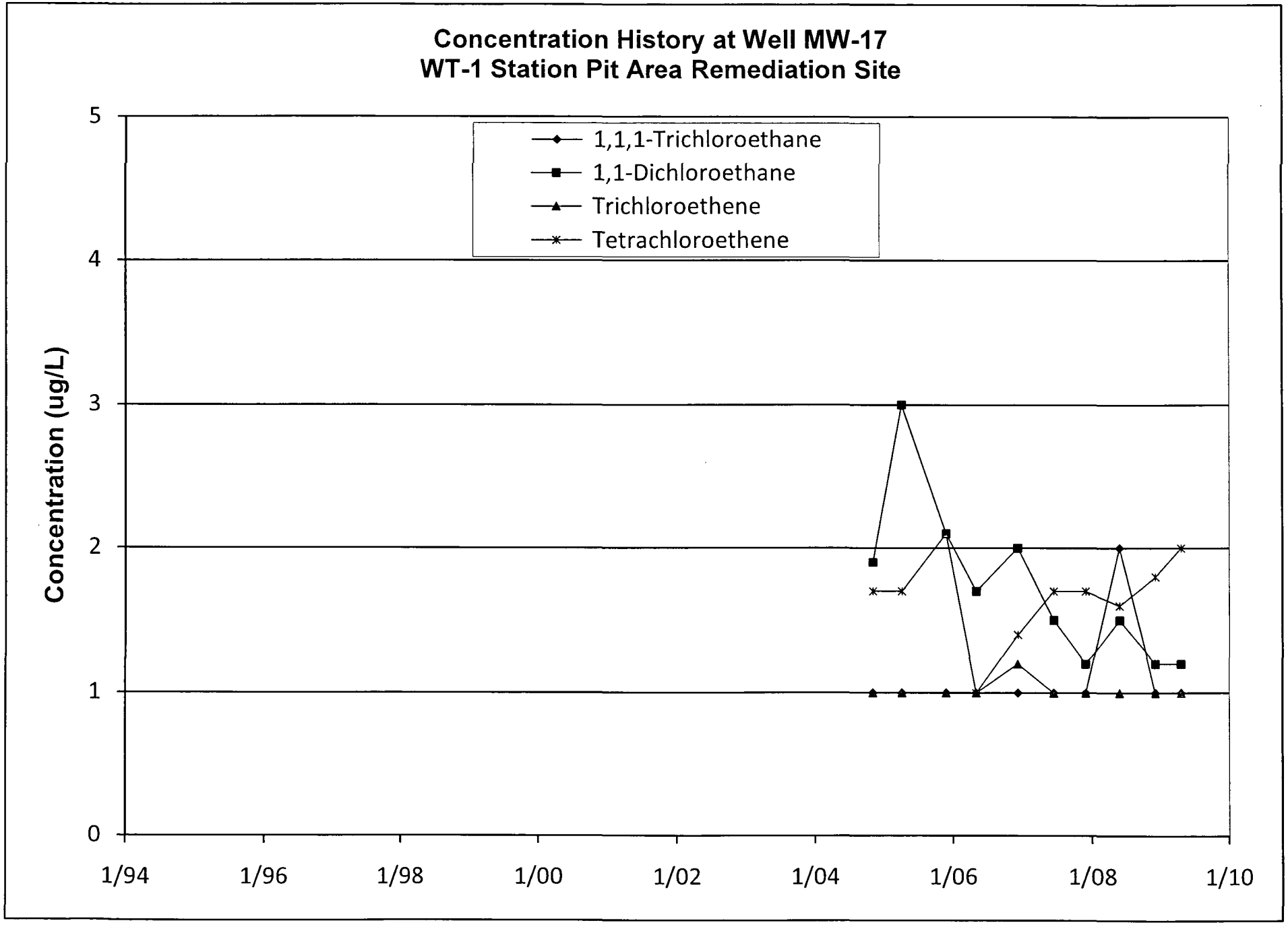

Concentration History at Well MW-7
WT-1 Station Pit Area Remediation Site
Concentration (ug/L)
50
40
30
20
10
0
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene

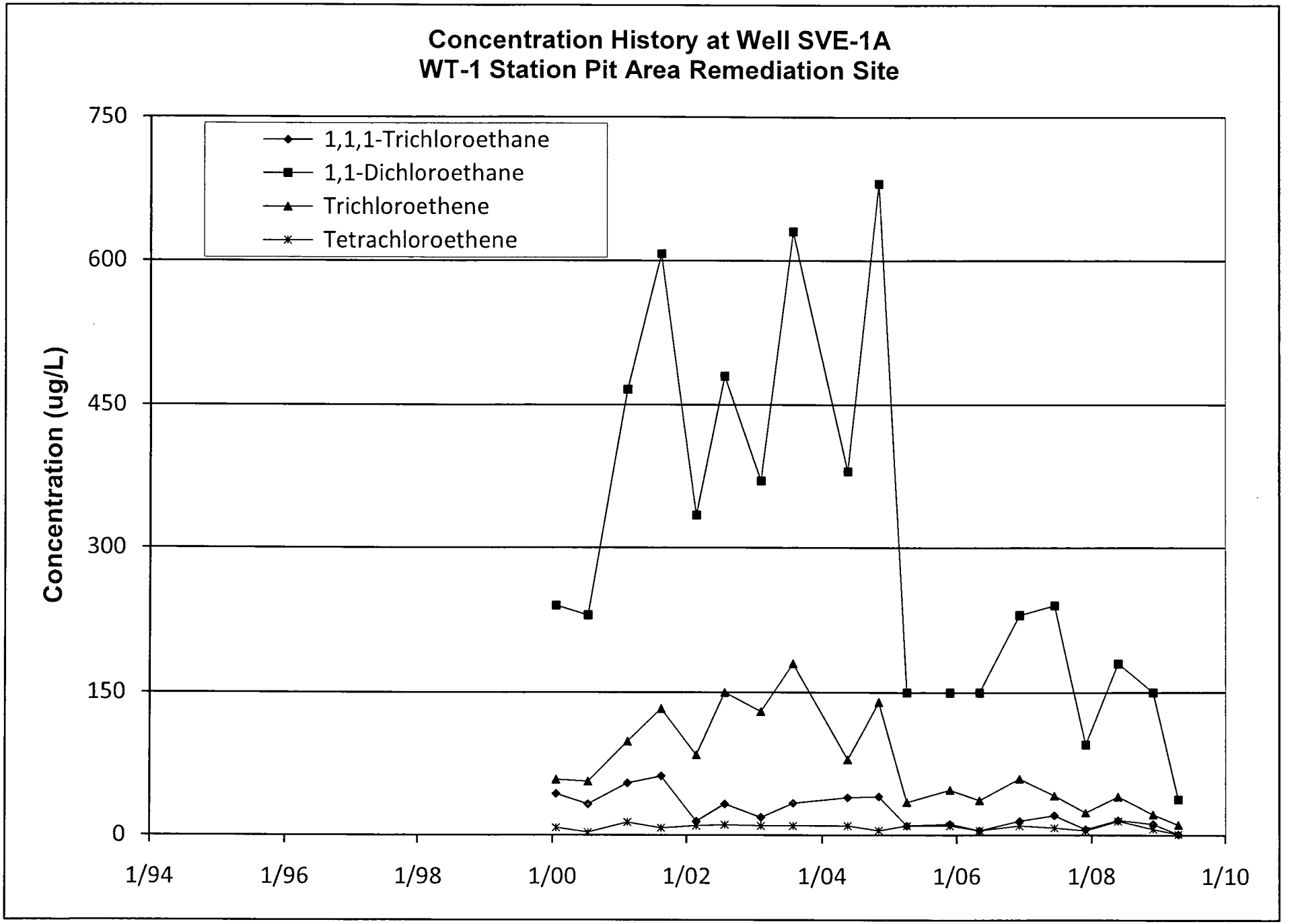

Concentration History at Well MW-8
WT-1 Station Pit Area Remediation Site
Concentration (ug/L)
150
120
90
60
30
0
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene


Concentration History at Well MW-14
WT-1 Station Pit Area Remediation Site
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene
Concentration (ug/L)
50
40
30
20
10
0
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10


Concentration History at Well MW-15
WT-1 Station Pit Area Remediation Site
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene
Concentration (ug/L)
10
8
6
4
2
0
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10


Concentration History at Well MW-16
WT-1 Station Pit Area Remediation Site
Concentration (ug/L)
25
20
15
10
5
0
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene


Concentration History at Well MW-17
WT-1 Station Pit Area Remediation Site
Concentration (ug/L)
0
1
2
3
4
5
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene


Concentration History at Well SVE-1A
WT-1 Station Pit Area Remediation Site
Concentration (ug/L)
750
600
450
300
150
0
1/94
1/96
1/98
1/00
1/02
1/04
1/06
1/08
1/10
1,1,1-Trichloroethane
1,1-Dichloroethane
Trichloroethene
Tetrachloroethene

Laboratory Reports

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Wednesday, May 20, 2009

George Robinson
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422

TEL: (281) 797-3420
FAX (281) 859-1881

RE: TWP WT-1 ERP

Order No.: 0904462

Dear George Robinson:

Hall Environmental Analysis Laboratory, Inc. received 12 sample(s) on 4/30/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *20-May-09*

CLIENT: Cypress Engineering
Project: TWP WT-1 ERP
Lab Order: 0904462

Lab ID: 0904462-01
Collection Date: 4/28/2009 2:50:00 PM
Client Sample ID: MW-17
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TES**
Chloride	610	2.0		mg/L	20	4/30/2009 2:27:17 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	4/30/2009 2:27:17 PM
Nitrogen, Nitrate (As N)	8.0	0.10		mg/L	1	4/30/2009 2:09:53 PM
Sulfate	650	10		mg/L	20	4/30/2009 2:27:17 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **SNV**
Arsenic	ND	0.020		mg/L	1	5/13/2009 2:52:47 PM
Barium	0.065	0.020		mg/L	1	5/13/2009 2:52:47 PM
Iron	ND	0.050		mg/L	1	5/13/2009 2:52:47 PM
Manganese	0.0026	0.0020		mg/L	1	5/13/2009 2:52:47 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 4:46:47 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 4:46:47 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 4:46:47 AM
Acetone	ND	10		µg/L	1	5/5/2009 4:46:47 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 4:46:47 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 4:46:47 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 4:46:47 AM
Chloroform	1.2	1.0		µg/L	1	5/5/2009 4:46:47 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
cis-1,2-DCE	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 4:46:47 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 4:46:47 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES					Analyst: HL
1,3-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,1-Dichloroethane	1.2	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,1-Dichloroethene	1.5	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 4:46:47 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 4:46:47 AM
Isopropylbenzene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 4:46:47 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 4:46:47 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 4:46:47 AM
Tetrachloroethene (PCE)	2.0	1.0	µg/L	1	5/5/2009 4:46:47 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
Trichloroethene (TCE)	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 4:46:47 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 4:46:47 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 4:46:47 AM
Surr: 1,2-Dichloroethane-d4	82.8	68.1-123	%REC	1	5/5/2009 4:46:47 AM
Surr: 4-Bromofluorobenzene	88.0	53.2-145	%REC	1	5/5/2009 4:46:47 AM
Surr: Dibromofluoromethane	83.4	68.5-119	%REC	1	5/5/2009 4:46:47 AM
Surr: Toluene-d8	91.6	64-131	%REC	1	5/5/2009 4:46:47 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS					Analyst: KMS
Total Dissolved Solids	2300	40	mg/L	1	5/4/2009

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

Lab ID: 0904462-02 **Collection Date:** 4/28/2009 4:05:00 PM
Client Sample ID: MW-4 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TES**
Chloride	280	2.0		mg/L	20	4/30/2009 3:02:07 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	4/30/2009 3:02:07 PM
Nitrogen, Nitrate (As N)	15	0.10		mg/L	1	4/30/2009 2:44:42 PM
Sulfate	710	10		mg/L	20	4/30/2009 3:02:07 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **SNV**
Arsenic	ND	0.020		mg/L	1	5/13/2009 2:57:12 PM
Barium	0.024	0.020		mg/L	1	5/13/2009 2:57:12 PM
Iron	ND	0.050		mg/L	1	5/13/2009 2:57:12 PM
Manganese	ND	0.0020		mg/L	1	5/13/2009 2:57:12 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 5:15:25 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 5:15:25 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 5:15:25 AM
Acetone	ND	10		µg/L	1	5/5/2009 5:15:25 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 5:15:25 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 5:15:25 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 5:15:25 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
cis-1,2-DCE	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 5:15:25 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 5:15:25 AM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

CLIENT: Cypress Engineering Lab Order: 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES					Analyst: HL
1,3-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,1-Dichloroethane	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,1-Dichloroethene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 5:15:25 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 5:15:25 AM
Isopropylbenzene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 5:15:25 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 5:15:25 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 5:15:25 AM
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
Trichloroethene (TCE)	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 5:15:25 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 5:15:25 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 5:15:25 AM
Surr: 1,2-Dichloroethane-d4	83.4	68.1-123	%REC	1	5/5/2009 5:15:25 AM
Surr: 4-Bromofluorobenzene	90.0	53.2-145	%REC	1	5/5/2009 5:15:25 AM
Surr: Dibromofluoromethane	86.1	68.5-119	%REC	1	5/5/2009 5:15:25 AM
Surr: Toluene-d8	94.0	64-131	%REC	1	5/5/2009 5:15:25 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS					Analyst: KMS
Total Dissolved Solids	2000	40	mg/L	1	5/4/2009

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *20-May-09*

CLIENT: Cypress Engineering
Project: TWP WT-1 ERP
Lab Order: 0904462

Lab ID: 0904462-03
Collection Date: 4/28/2009 4:55:00 PM
Client Sample ID: MW-15
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	230	2.0		mg/L	20	4/30/2009 3:36:55 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	4/30/2009 3:36:55 PM
Nitrogen, Nitrate (As N)	8.4	0.10		mg/L	1	4/30/2009 3:19:31 PM
Sulfate	500	10		mg/L	20	4/30/2009 3:36:55 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	5/18/2009 8:34:56 PM
Barium	0.038	0.020		mg/L	1	5/18/2009 8:34:56 PM
Iron	0.33	0.050		mg/L	1	5/18/2009 8:34:56 PM
Manganese	0.013	0.0020		mg/L	1	5/18/2009 8:34:56 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 5:44:03 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 5:44:03 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 5:44:03 AM
Acetone	ND	10		µg/L	1	5/5/2009 5:44:03 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 5:44:03 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 5:44:03 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 5:44:03 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
cis-1,2-DCE	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 5:44:03 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 5:44:03 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES					Analyst: HL
1,3-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,1-Dichloroethane	1.6	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,1-Dichloroethene	1.4	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 5:44:03 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 5:44:03 AM
Isopropylbenzene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 5:44:03 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 5:44:03 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 5:44:03 AM
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
Trichloroethene (TCE)	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 5:44:03 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 5:44:03 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 5:44:03 AM
Surr: 1,2-Dichloroethane-d4	82.5	68.1-123	%REC	1	5/5/2009 5:44:03 AM
Surr: 4-Bromofluorobenzene	86.5	53.2-145	%REC	1	5/5/2009 5:44:03 AM
Surr: Dibromofluoromethane	89.5	66.5-119	%REC	1	5/5/2009 5:44:03 AM
Surr: Toluene-d8	93.9	64-131	%REC	1	5/5/2009 5:44:03 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS					Analyst: KMS
Total Dissolved Solids	1500	40	mg/L	1	5/4/2009

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

Lab ID: 0904462-04 **Collection Date:** 4/28/2009 5:45:00 PM
Client Sample ID: MW-5 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TES**
Chloride	250	2.0		mg/L	20	4/30/2009 5:21:24 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/30/2009 5:03:59 PM
Nitrogen, Nitrate (As N)	0.17	0.10		mg/L	1	4/30/2009 5:03:59 PM
Sulfate	1.3	0.50		mg/L	1	4/30/2009 5:03:59 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **SNV**
Arsenic	ND	0.020		mg/L	1	5/13/2009 3:04:47 PM
Barium	15	0.40		mg/L	20	5/14/2009 8:29:24 AM
Iron	5.8	0.50		mg/L	10	5/13/2009 6:00:06 PM
Manganese	0.057	0.0020		mg/L	1	5/13/2009 3:04:47 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	16	1.0		µg/L	1	5/5/2009 6:12:39 AM
Toluene	3.8	1.0		µg/L	1	5/5/2009 6:12:39 AM
Ethylbenzene	5.5	1.0		µg/L	1	5/5/2009 6:12:39 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
1,2,4-Trimethylbenzene	14	1.0		µg/L	1	5/5/2009 6:12:39 AM
1,3,5-Trimethylbenzene	6.4	1.0		µg/L	1	5/5/2009 6:12:39 AM
1,2-Dichloroethane (EDC)	1.2	1.0		µg/L	1	5/5/2009 6:12:39 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
Naphthalene	9.1	2.0		µg/L	1	5/5/2009 6:12:39 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 6:12:39 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 6:12:39 AM
Acetone	ND	10		µg/L	1	5/5/2009 6:12:39 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 6:12:39 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 6:12:39 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 6:12:39 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
cis-1,2-DCE	26	1.0		µg/L	1	5/5/2009 6:12:39 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 6:12:39 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 6:12:39 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES					Analyst: HL
1,3-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,1-Dichloroethane	77	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,1-Dichloroethene	1.6	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 6:12:39 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 6:12:39 AM
Isopropylbenzene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
4-Isopropyltoluene	1.9	1.0	µg/L	1	5/5/2009 6:12:39 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 6:12:39 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 6:12:39 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 6:12:39 AM
Tetrachloroethene (PCE)	1.6	1.0	µg/L	1	5/5/2009 6:12:39 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
Trichloroethene (TCE)	32	1.0	µg/L	1	5/5/2009 6:12:39 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 6:12:39 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 6:12:39 AM
Xylenes, Total	12	1.5	µg/L	1	5/5/2009 6:12:39 AM
Surr: 1,2-Dichloroethane-d4	80.8	68.1-123	%REC	1	5/5/2009 6:12:39 AM
Surr: 4-Bromofluorobenzene	93.7	53.2-145	%REC	1	5/5/2009 6:12:39 AM
Surr: Dibromofluoromethane	87.0	68.5-119	%REC	1	5/5/2009 6:12:39 AM
Surr: Toluene-d8	89.1	64-131	%REC	1	5/5/2009 6:12:39 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS					Analyst: KMS
Total Dissolved Solids	1400	40	mg/L	1	5/4/2009

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

Lab ID: 0904462-05 **Collection Date:** 4/28/2009 12:05:00 PM
Client Sample ID: MW-8 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	500	2.0		mg/L	20	5/1/2009 3:46:58 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	5/1/2009 4:04:22 AM
Sulfate	120	10		mg/L	20	5/1/2009 3:46:58 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **SNV**
Arsenic	ND	0.020		mg/L	1	5/13/2009 3:08:59 PM
Barium	0.085	0.020		mg/L	1	5/13/2009 3:08:59 PM
Iron	0.58	0.050		mg/L	1	5/13/2009 3:08:59 PM
Manganese	0.89	0.0020		mg/L	1	5/13/2009 3:08:59 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	3.3	1.0		µg/L	1	5/5/2009 6:41:14 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
1,2-Dichloroethane (EDC)	1.1	1.0		µg/L	1	5/5/2009 6:41:14 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 6:41:14 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 6:41:14 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 6:41:14 AM
Acetone	ND	10		µg/L	1	5/5/2009 6:41:14 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 6:41:14 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 6:41:14 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 6:41:14 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
cis-1,2-DCE	65	1.0		µg/L	1	5/5/2009 6:41:14 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 6:41:14 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM
1,2-Dichlorobenzene	1.4	1.0		µg/L	1	5/5/2009 6:41:14 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 6:41:14 AM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

CLIENT: Cypress Engineering Lab Order: 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES Analyst: HL

1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,1-Dichloroethane	73	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,1-Dichloroethene	3.7	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 6:41:14 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 6:41:14 AM
Isopropylbenzene	1.1	1.0	µg/L	1	5/5/2009 6:41:14 AM
4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 6:41:14 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 6:41:14 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 6:41:14 AM
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
Trichloroethene (TCE)	39	1.0	µg/L	1	5/5/2009 6:41:14 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 6:41:14 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 6:41:14 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 6:41:14 AM
Surr: 1,2-Dichloroethane-d4	81.7	68.1-123	%REC	1	5/5/2009 6:41:14 AM
Surr: 4-Bromofluorobenzene	95.2	53.2-145	%REC	1	5/5/2009 6:41:14 AM
Surr: Dibromofluoromethane	88.7	68.5-119	%REC	1	5/5/2009 6:41:14 AM
Surr: Toluene-d8	93.1	64-131	%REC	1	5/5/2009 6:41:14 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS Analyst: KMS

Total Dissolved Solids	1700	40	mg/L	1	5/4/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

Lab ID: 0904462-06 **Collection Date:** 4/28/2009 11:00:00 AM
Client Sample ID: MW-18 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TAF**
Chloride	470	2.0		mg/L	20	5/1/2009 4:39:11 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	5/1/2009 4:56:36 AM
Sulfate	120	10		mg/L	20	5/1/2009 4:39:11 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **SNV**
Arsenic	ND	0.020		mg/L	1	5/13/2009 3:13:22 PM
Barium	0.083	0.020		mg/L	1	5/13/2009 3:13:22 PM
Iron	0.59	0.050		mg/L	1	5/13/2009 3:13:22 PM
Manganese	0.87	0.0020		mg/L	1	5/13/2009 3:13:22 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	3.3	1.0		µg/L	1	5/5/2009 7:09:52 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
1,2-Dichloroethane (EDC)	1.2	1.0		µg/L	1	5/5/2009 7:09:52 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 7:09:52 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 7:09:52 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 7:09:52 AM
Acetone	ND	10		µg/L	1	5/5/2009 7:09:52 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 7:09:52 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 7:09:52 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 7:09:52 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
cis-1,2-DCE	65	1.0		µg/L	1	5/5/2009 7:09:52 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 7:09:52 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM
1,2-Dichlorobenzene	1.4	1.0		µg/L	1	5/5/2009 7:09:52 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 7:09:52 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

CLIENT: Cypress Engineering Lab Order: 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES					Analyst: HL
1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,1-Dichloroethane	72	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,1-Dichloroethene	3.7	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 7:09:52 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 7:09:52 AM
Isopropylbenzene	1.1	1.0	µg/L	1	5/5/2009 7:09:52 AM
4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 7:09:52 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 7:09:52 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 7:09:52 AM
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
trans-1,2-DCE	1.0	1.0	µg/L	1	5/5/2009 7:09:52 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
Trichloroethene (TCE)	40	1.0	µg/L	1	5/5/2009 7:09:52 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 7:09:52 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 7:09:52 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 7:09:52 AM
Surr: 1,2-Dichloroethane-d4	82.5	68.1-123	%REC	1	5/5/2009 7:09:52 AM
Surr: 4-Bromofluorobenzene	94.6	53.2-145	%REC	1	5/5/2009 7:09:52 AM
Surr: Dibromofluoromethane	86.8	68.5-119	%REC	1	5/5/2009 7:09:52 AM
Surr: Toluene-d8	92.6	64-131	%REC	1	5/5/2009 7:09:52 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS					Analyst: KMS
Total Dissolved Solids	1800	100	mg/L	1	5/4/2009

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

Lab ID: 0904462-07 **Collection Date:** 4/28/2009 6:10:00 PM
Client Sample ID: MW-7 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TES**
Chloride	340	2.0		mg/L	20	4/30/2009 5:56:12 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	4/30/2009 5:56:12 PM
Nitrogen, Nitrate (As N)	3.9	0.10		mg/L	1	4/30/2009 5:38:48 PM
Sulfate	500	10		mg/L	20	4/30/2009 5:56:12 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **SNV**
Arsenic	ND	0.020		mg/L	1	5/13/2009 3:17:42 PM
Barium	0.024	0.020		mg/L	1	5/13/2009 3:17:42 PM
Iron	0.13	0.050		mg/L	1	5/13/2009 3:17:42 PM
Manganese	0.092	0.0020		mg/L	1	5/13/2009 3:17:42 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 7:38:29 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 7:38:29 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 7:38:29 AM
Acetone	ND	10		µg/L	1	5/5/2009 7:38:29 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 7:38:29 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 7:38:29 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 7:38:29 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
cis-1,2-DCE	36	1.0		µg/L	1	5/5/2009 7:38:29 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 7:38:29 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 7:38:29 AM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES					Analyst: HL
1,3-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,1-Dichloroethane	32	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,1-Dichloroethene	1.1	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 7:38:29 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 7:38:29 AM
Isopropylbenzene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 7:38:29 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 7:38:29 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 7:38:29 AM
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
Trichloroethene (TCE)	8.2	1.0	µg/L	1	5/5/2009 7:38:29 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 7:38:29 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 7:38:29 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 7:38:29 AM
Surr: 1,2-Dichloroethane-d4	81.9	68.1-123	%REC	1	5/5/2009 7:38:29 AM
Surr: 4-Bromofluorobenzene	89.6	53.2-145	%REC	1	5/5/2009 7:38:29 AM
Surr: Dibromofluoromethane	84.0	68.5-119	%REC	1	5/5/2009 7:38:29 AM
Surr: Toluene-d8	93.6	64-131	%REC	1	5/5/2009 7:38:29 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS					Analyst: KMS
Total Dissolved Solids	1800	40	mg/L	1	5/4/2009

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *20-May-09*

CLIENT: Cypress Engineering
Project: TWP WT-1 ERP
Lab Order: 0904462

Lab ID: 0904462-08
Collection Date: 4/28/2009 1:10:00 PM
Client Sample ID: MW-6
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Chloride	780	2.0		mg/L	20	5/1/2009 5:31:25 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	5/1/2009 5:48:49 AM
Sulfate	620	10		mg/L	20	5/1/2009 5:31:25 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	5/18/2009 8:39:13 PM
Barium	0.080	0.020		mg/L	1	5/18/2009 8:39:13 PM
Iron	1.1	0.25		mg/L	5	5/18/2009 9:24:53 PM
Manganese	0.85	0.0020		mg/L	1	5/18/2009 8:39:13 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 8:07:07 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 8:07:07 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 8:07:07 AM
Acetone	ND	10		µg/L	1	5/5/2009 8:07:07 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 8:07:07 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 8:07:07 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 8:07:07 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
cis-1,2-DCE	3.0	1.0		µg/L	1	5/5/2009 8:07:07 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 8:07:07 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 8:07:07 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES Analyst: **HL**

1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,1-Dichloroethane	4.3	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,1-Dichloroethene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 8:07:07 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 8:07:07 AM
Isopropylbenzene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 8:07:07 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 8:07:07 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 8:07:07 AM
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
Trichloroethene (TCE)	7.6	1.0	µg/L	1	5/5/2009 8:07:07 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 8:07:07 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 8:07:07 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 8:07:07 AM
Surr: 1,2-Dichloroethane-d4	80.5	68.1-123	%REC	1	5/5/2009 8:07:07 AM
Surr: 4-Bromofluorobenzene	85.9	53.2-145	%REC	1	5/5/2009 8:07:07 AM
Surr: Dibromofluoromethane	86.6	68.5-119	%REC	1	5/5/2009 8:07:07 AM
Surr: Toluene-d8	92.8	64-131	%REC	1	5/5/2009 8:07:07 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS Analyst: **KMS**

Total Dissolved Solids	2400	100	mg/L	1	5/4/2009

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

Lab ID: 0904462-09 **Collection Date:** 4/28/2009 1:45:00 PM
Client Sample ID: MW-14 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TES**
Chloride	570	2.0		mg/L	20	4/30/2009 1:52:28 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	4/30/2009 1:52:28 PM
Nitrogen, Nitrate (As N)	1.5	0.10		mg/L	1	4/30/2009 1:35:03 PM
Sulfate	620	10		mg/L	20	4/30/2009 1:52:28 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **SNV**
Arsenic	ND	0.020		mg/L	1	5/13/2009 3:37:12 PM
Barium	0.026	0.020		mg/L	1	5/13/2009 3:37:12 PM
Iron	ND	0.050		mg/L	1	5/13/2009 3:37:12 PM
Manganese	0.67	0.0020		mg/L	1	5/13/2009 3:37:12 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 8:35:48 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 8:35:48 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 8:35:48 AM
Acetone	ND	10		µg/L	1	5/5/2009 8:35:48 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 8:35:48 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 8:35:48 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 8:35:48 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
cis-1,2-DCE	2.3	1.0		µg/L	1	5/5/2009 8:35:48 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 8:35:48 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 8:35:48 AM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES					Analyst: HL
1,3-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,1-Dichloroethane	20	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,1-Dichloroethene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 8:35:48 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 8:35:48 AM
Isopropylbenzene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 8:35:48 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 8:35:48 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 8:35:48 AM
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
Trichloroethene (TCE)	3.5	1.0	µg/L	1	5/5/2009 8:35:48 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 8:35:48 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 8:35:48 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 8:35:48 AM
Surr: 1,2-Dichloroethane-d4	82.9	68.1-123	%REC	1	5/5/2009 8:35:48 AM
Surr: 4-Bromofluorobenzene	88.9	53.2-145	%REC	1	5/5/2009 8:35:48 AM
Surr: Dibromofluoromethane	85.8	68.5-119	%REC	1	5/5/2009 8:35:48 AM
Surr: Toluene-d8	91.0	64-131	%REC	1	5/5/2009 8:35:48 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS					Analyst: KMS
Total Dissolved Solids	2300	100	mg/L	1	5/4/2009

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *20-May-09*

CLIENT: Cypress Engineering
Project: TWP WT-1 ERP
Lab Order: 0904462

Lab ID: 0904462-10
Collection Date: 4/28/2009 5:25:00 PM
Client Sample ID: MW-16
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **TES**
Chloride	580	2.0		mg/L	20	4/30/2009 4:46:34 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	4/30/2009 4:46:34 PM
Nitrogen, Nitrate (As N)	1.5	0.10		mg/L	1	4/30/2009 4:29:09 PM
Sulfate	920	10		mg/L	20	4/30/2009 4:46:34 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **SNV**
Arsenic	ND	0.020		mg/L	1	5/13/2009 3:41:34 PM
Barium	ND	0.020		mg/L	1	5/13/2009 3:41:34 PM
Iron	ND	0.050		mg/L	1	5/13/2009 3:41:34 PM
Manganese	1.1	0.010		mg/L	5	5/13/2009 6:04:11 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 9:04:26 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 9:04:26 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 9:04:26 AM
Acetone	ND	10		µg/L	1	5/5/2009 9:04:26 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 9:04:26 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 9:04:26 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 9:04:26 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
cis-1,2-DCE	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 9:04:26 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 9:04:26 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES					Analyst: HL
1,3-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,1-Dichloroethane	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,1-Dichloroethene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 9:04:26 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 9:04:26 AM
Isopropylbenzene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 9:04:26 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 9:04:26 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 9:04:26 AM
Tetrachloroethene (PCE)	4.4	1.0	µg/L	1	5/5/2009 9:04:26 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
Trichloroethene (TCE)	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 9:04:26 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 9:04:26 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 9:04:26 AM
Surr: 1,2-Dichloroethane-d4	82.0	68.1-123	%REC	1	5/5/2009 9:04:26 AM
Surr: 4-Bromofluorobenzene	89.6	53.2-145	%REC	1	5/5/2009 9:04:26 AM
Surr: Dibromofluoromethane	85.4	68.5-119	%REC	1	5/5/2009 9:04:26 AM
Surr: Toluene-d8	92.2	64-131	%REC	1	5/5/2009 9:04:26 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS					Analyst: KMS
Total Dissolved Solids	2800	100	mg/L	1	5/4/2009

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

Lab ID: 0904462-11 **Collection Date:** 4/28/2009 6:45:00 PM
Client Sample ID: SVE-1A **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	420	5.0		mg/L	50	5/12/2009 12:15:41 AM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	4/30/2009 6:31:01 PM
Nitrogen, Nitrate (As N)	0.16	0.10		mg/L	1	4/30/2009 6:13:36 PM
Sulfate	1.0	0.50		mg/L	1	4/30/2009 6:13:36 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **SNV**
Arsenic	0.042	0.020		mg/L	1	5/13/2009 3:45:57 PM
Barium	25	1.0		mg/L	50	5/13/2009 6:07:24 PM
Iron	7.1	0.50		mg/L	10	5/13/2009 6:10:38 PM
Manganese	0.031	0.0020		mg/L	1	5/13/2009 3:45:57 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	69	1.0		µg/L	1	5/5/2009 9:33:04 AM
Toluene	5.7	1.0		µg/L	1	5/5/2009 9:33:04 AM
Ethylbenzene	31	1.0		µg/L	1	5/5/2009 9:33:04 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
1,2,4-Trimethylbenzene	36	1.0		µg/L	1	5/5/2009 9:33:04 AM
1,3,5-Trimethylbenzene	37	1.0		µg/L	1	5/5/2009 9:33:04 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
Naphthalene	21	2.0		µg/L	1	5/5/2009 9:33:04 AM
1-Methylnaphthalene	8.2	4.0		µg/L	1	5/5/2009 9:33:04 AM
2-Methylnaphthalene	12	4.0		µg/L	1	5/5/2009 9:33:04 AM
Acetone	ND	10		µg/L	1	5/5/2009 9:33:04 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 9:33:04 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 9:33:04 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 9:33:04 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
cis-1,2-DCE	19	1.0		µg/L	1	5/5/2009 9:33:04 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 9:33:04 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 9:33:04 AM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES Analyst: **HL**

1,3-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,4-Dichlorobenzene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
Dichlorodifluoromethane	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,1-Dichloroethane	38	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,1-Dichloroethene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,2-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,3-Dichloropropane	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
2,2-Dichloropropane	ND	2.0	µg/L	1	5/5/2009 9:33:04 AM
1,1-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
Hexachlorobutadiene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
2-Hexanone	ND	10	µg/L	1	5/5/2009 9:33:04 AM
Isopropylbenzene	4.6	1.0	µg/L	1	5/5/2009 9:33:04 AM
4-Isopropyltoluene	3.1	1.0	µg/L	1	5/5/2009 9:33:04 AM
4-Methyl-2-pentanone	15	10	µg/L	1	5/5/2009 9:33:04 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 9:33:04 AM
n-Butylbenzene	2.5	1.0	µg/L	1	5/5/2009 9:33:04 AM
n-Propylbenzene	5.9	1.0	µg/L	1	5/5/2009 9:33:04 AM
sec-Butylbenzene	1.4	1.0	µg/L	1	5/5/2009 9:33:04 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 9:33:04 AM
Tetrachloroethene (PCE)	1.1	1.0	µg/L	1	5/5/2009 9:33:04 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
Trichloroethene (TCE)	11	1.0	µg/L	1	5/5/2009 9:33:04 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 9:33:04 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 9:33:04 AM
Xylenes, Total	31	1.5	µg/L	1	5/5/2009 9:33:04 AM
Surr: 1,2-Dichloroethane-d4	81.4	68.1-123	%REC	1	5/5/2009 9:33:04 AM
Surr: 4-Bromofluorobenzene	93.3	53.2-145	%REC	1	5/5/2009 9:33:04 AM
Surr: Dibromofluoromethane	76.4	68.5-119	%REC	1	5/5/2009 9:33:04 AM
Surr: Toluene-d8	90.3	64-131	%REC	1	5/5/2009 9:33:04 AM

SM2540C MOD: TOTAL DISSOLVED SOLIDS Analyst: **KMS**

Total Dissolved Solids	1800	100	mg/L	1	5/4/2009

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

Lab ID: 0904462-12 **Collection Date:**
Client Sample ID: TRIP BLANK **Matrix:** TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Toluene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Ethylbenzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Naphthalene	ND	2.0		µg/L	1	5/5/2009 10:01:41 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 10:01:41 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/5/2009 10:01:41 AM
Acetone	ND	10		µg/L	1	5/5/2009 10:01:41 AM
Bromobenzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Bromoform	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Bromomethane	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
2-Butanone	ND	10		µg/L	1	5/5/2009 10:01:41 AM
Carbon disulfide	ND	10		µg/L	1	5/5/2009 10:01:41 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Chlorobenzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Chloroethane	ND	2.0		µg/L	1	5/5/2009 10:01:41 AM
Chloroform	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Chloromethane	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
cis-1,2-DCE	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/5/2009 10:01:41 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Dibromomethane	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/5/2009 10:01:41 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM
2-Hexanone	ND	10		µg/L	1	5/5/2009 10:01:41 AM
Isopropylbenzene	ND	1.0		µg/L	1	5/5/2009 10:01:41 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Cypress Engineering **Lab Order:** 0904462
Project: TWP WT-1 ERP

EPA METHOD 8260B: VOLATILES Analyst: **HL**

4-Isopropyltoluene	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
4-Methyl-2-pentanone	ND	10	µg/L	1	5/5/2009 10:01:41 AM
Methylene Chloride	ND	3.0	µg/L	1	5/5/2009 10:01:41 AM
n-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
n-Propylbenzene	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
sec-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
Styrene	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
tert-Butylbenzene	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	5/5/2009 10:01:41 AM
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
trans-1,2-DCE	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
1,1,2-Trichloroethane	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
Trichloroethene (TCE)	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
Trichlorofluoromethane	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
1,2,3-Trichloropropane	ND	2.0	µg/L	1	5/5/2009 10:01:41 AM
Vinyl chloride	ND	1.0	µg/L	1	5/5/2009 10:01:41 AM
Xylenes, Total	ND	1.5	µg/L	1	5/5/2009 10:01:41 AM
Surr: 1,2-Dichloroethane-d4	84.3	68.1-123	%REC	1	5/5/2009 10:01:41 AM
Surr: 4-Bromofluorobenzene	89.8	53.2-145	%REC	1	5/5/2009 10:01:41 AM
Surr: Dibromofluoromethane	87.0	68.5-119	%REC	1	5/5/2009 10:01:41 AM
Surr: Toluene-d8	93.2	64-131	%REC	1	5/5/2009 10:01:41 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP WT-1 ERP **Work Order:** 0904462

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: 0904462-07BMSD		*MSD*			Batch ID: **R33495**		Analysis Date:		4/30/2009 7:58:03 PM
Nitrogen, Nitrite (As N)	0.3266	mg/L	0.10	32.7	75	125	6.81	20	S
Nitrogen, Nitrate (As N)	6.006	mg/L	0.10	85.1	75	125	0.945	20	
Sample ID: MB		*MBLK*			Batch ID: **R33480**		Analysis Date:		4/30/2009 1:33:56 PM
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R33495**		Analysis Date:		4/30/2009 12:42:50 PM
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Sulfate	ND	mg/L	0.50						
Sample ID: MB-b		*MBLK*			Batch ID: **R33627**		Analysis Date:		5/12/2009 4:02:00 AM
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R33480**		Analysis Date:		4/30/2009 1:51:20 PM
Chloride	5.108	mg/L	0.10	102	90	110			
Nitrate (As N)+Nitrite (As N)	3.578	mg/L	0.20	102	90	110			
Sulfate	10.24	mg/L	0.50	102	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R33495**		Analysis Date:		4/30/2009 1:00:14 PM
Chloride	4.968	mg/L	0.10	99.4	90	110			
Nitrogen, Nitrate (As N)	2.410	mg/L	0.10	96.4	90	110			
Sulfate	9.991	mg/L	0.50	99.9	90	110			
Sample ID: LCSb		*LCS*			Batch ID: **R33627**		Analysis Date:		5/11/2009 5:00:30 PM
Chloride	5.254	mg/L	0.10	105	90	110			
Nitrogen, Nitrite (As N)	0.9391	mg/L	0.10	93.9	90	110			
Nitrogen, Nitrate (As N)	2.668	mg/L	0.10	107	90	110			
Sulfate	10.47	mg/L	0.50	105	90	110			
Sample ID: 0904462-07BMS		*MS*			Batch ID: **R33495**		Analysis Date:		4/30/2009 7:05:50 PM
Nitrogen, Nitrite (As N)	0.3496	mg/L	0.10	35.0	75	125			S
Nitrogen, Nitrate (As N)	6.063	mg/L	0.10	87.3	75	125			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP WT-1 ERP **Work Order:** 0904462

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-19054		*MBLK*			Batch ID:	**19054**	Analysis Date:	5/12/2009 11:16:14 AM	
Barium	ND	mg/L	0.010						
Iron	ND	mg/L	0.050						
Manganese	ND	mg/L	0.0020						
Sample ID: MB-19031		*MBLK*			Batch ID:	**19031**	Analysis Date:	5/12/2009 11:46:04 AM	
Barium	ND	mg/L	0.010						
Iron	ND	mg/L	0.050						
Manganese	ND	mg/L	0.0020						
Sample ID: MB-19031		*MBLK*			Batch ID:	**19031**	Analysis Date:	5/13/2009 1:56:54 PM	
Arsenic	ND	mg/L	0.020						
Sample ID: MB-19054		*MBLK*			Batch ID:	**19054**	Analysis Date:	5/18/2009 10:13:00 PM	
Arsenic	ND	mg/L	0.020						
Sample ID: LCS-19054		*LCS*			Batch ID:	**19054**	Analysis Date:	5/12/2009 11:19:16 AM	
Barium	0.4838	mg/L	0.010	96.7	80	120			
Iron	0.5042	mg/L	0.050	101	80	120			
Manganese	0.4840	mg/L	0.0020	96.8	80	120			
Sample ID: LCS-19031		*LCS*			Batch ID:	**19031**	Analysis Date:	5/12/2009 11:59:55 AM	
Barium	0.4835	mg/L	0.010	96.7	80	120			
Iron	0.5039	mg/L	0.050	101	80	120			
Manganese	0.4858	mg/L	0.0020	97.2	80	120			
Sample ID: LCS-19031		*LCS*			Batch ID:	**19031**	Analysis Date:	5/13/2009 2:00:06 PM	
Arsenic	0.5018	mg/L	0.020	100	80	120			
Sample ID: LCS-19054		*LCS*			Batch ID:	**19054**	Analysis Date:	5/18/2009 9:53:33 PM	
Arsenic	0.4473	mg/L	0.020	89.5	80	120			
Method: SM2540C MOD: Total Dissolved Solids									
Sample ID: MB-18998		*MBLK*			Batch ID:	**18998**	Analysis Date:	5/4/2009	
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-18998		*LCS*			Batch ID:	**18998**	Analysis Date:	5/4/2009	
Total Dissolved Solids	1037	mg/L	20	104	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP WT-1 ERP **Work Order:** 0904462

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 0904462-01a MSD		*MSD*			Batch ID:	**R33537**	Analysis Date:		5/5/2009 12:00:35 AM
Benzene	18.24	µg/L	1.0	91.2	84.9	122	6.46	15	
Toluene	18.51	µg/L	1.0	92.5	80.3	114	6.90	15	
Chlorobenzene	20.41	µg/L	1.0	102	71.9	134	7.58	15	
1,1-Dichloroethene	19.86	µg/L	1.0	91.8	88	144	7.83	17.8	
Trichloroethene (TCE)	17.47	µg/L	1.0	84.7	87.1	114	9.13	19.8	S
Sample ID: 5ml rb		*MBLK*			Batch ID:	**R33537**	Analysis Date:		5/4/2009 9:03:55 AM
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP WT-1 ERP **Work Order:** 0904462

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R33537**		Analysis Date:	5/4/2009 9:03:55 AM	
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b3		*MBLK*			Batch ID: **R33537**		Analysis Date:	5/4/2009 10:05:35 PM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP WT-1 ERP **Work Order:** 0904462

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b3		*MBLK*			Batch ID: **R33537**		Analysis Date:	5/4/2009 10:05:35 PM	
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP WT-1 ERP **Work Order:** 0904462

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b3		*MBLK*			Batch ID: **R33537**		Analysis Date:	5/4/2009 10:05:35 PM	
richloroethene (TCE)	ND	µg/L	1.0						
richlorofluoromethane	ND	µg/L	1.0						
,2,3-Trichloropropane	ND	µg/L	2.0						
inyl chloride	ND	µg/L	1.0						
ylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID: **R33537**		Analysis Date:	5/4/2009 10:30:43 AM	
enzene	20.61	µg/L	1.0	103	76.7	114			
oluene	19.89	µg/L	1.0	99.4	78.4	117			
hlorobenzene	21.76	µg/L	1.0	109	80.7	127			
,1-Dichloroethene	22.72	µg/L	1.0	114	80.2	128			
richloroethene (TCE)	20.76	µg/L	1.0	104	77.4	115			
Sample ID: 100ng lcs_b		*LCS*			Batch ID: **R33537**		Analysis Date:	5/4/2009 11:03:05 PM	
enzene	18.89	µg/L	1.0	94.5	76.7	114			
oluene	19.09	µg/L	1.0	95.5	78.4	117			
hlorobenzene	21.56	µg/L	1.0	108	80.7	127			
,1-Dichloroethene	20.05	µg/L	1.0	100	80.2	128			
richloroethene (TCE)	18.11	µg/L	1.0	87.3	77.4	115			
Sample ID: 0904462-01a MS		*MS*			Batch ID: **R33537**		Analysis Date:	5/4/2009 11:31:50 PM	
[illegible]	19.46	µg/L	1.0	97.3	84.9	122			
oluene	19.83	µg/L	1.0	99.1	80.3	114			
hlorobenzene	22.02	µg/L	1.0	110	71.9	134			
1-Dichloroethene	21.48	µg/L	1.0	99.9	88	144			
richloroethene (TCE)	19.14	µg/L	1.0	93.1	87.1	114			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name CYP Date Received: 4/30/2009

Work Order Number 0904462 Received by: ARS

Checklist completed by: _____ 4/30/09 Sample ID labels checked by: B

Signature Date Initials

Matrix: Carrier name: Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	2°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Cypress Engineering Services
7171 Hwy 6 North Ste 102
Mailing Address:
Houston TX 77095
Phone #: 2817973421
email or Fax#: 2818591881
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____
Project Name:
Transwestern Pipeline Company WT-1 ERP
Project #:
TWP WT-1 ERP
Project Manager:
George Robinson
Sampler: Sandy Sharp
On Ice: ☒ Yes ☐ No
Sample Temperature: 7°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0904966
4/28/09	1450	W	MW-17	3/40ml	HCl	1
				1/500ml	Ø	1
				1/125ml	H_2SO_4	1
				1/900ml	HNO_3	1
	1605		MW-4	3/40	HCl	2
				1/500	Ø	2
				1/125	H_2SO_4	2
				1/500	HNO_3	2
	1655		MW-15	3/40	HCl	3
				1/500	Ø	3
				1/125	H_2SO_4	3
				1/500	HNO_3	3

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	TDS, Cl, Sulfate	NO_2/NO_3 as N	Total Metals As, Ba, E Mn		Air Bubbles (Y or N)
									X						
											X				
												X			
													X		
									X						
											X				
										X		X			
													X		
									X						
											X				
												X			
													X		

Date: 4/29/09 Time: 0830 Relinquished by: [signature]
Date: Time: Relinquished by:

Received by: [signature] Date: 4/30/09 Time: 8:55
Received by: Date: Time:

Remarks: VOC'S INCLUDING; 1,2 Dichloroethene cis- & trans-, Dichlorobenzene o-, m-, & p-, Acetone, Methyl-ethyl-Ketone, 4-Methyl-2-Pentanone.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report

Chain-of-Custody Record

Client: Cypress Engineering Services
7171 Hwy 6 North Ste 102
Mailing Address: Houston, TX 77095

Phone #: 281 7973421
email or Fax#: ~~281 797 3~~ 2818591881
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Transwestern Pipeline Company WT-1 ERP
Project #: TWP WT-1 ERP
Project Manager: George Robinson
Sampler: Sandy Sharp
On Ice: ☐ Yes ☐ No
Sample Temperature: 2

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0904400	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)*	8270 (Semi-VOA)	Total Metals As Ba Fe Mn	TDS, Cl, Sulfate	NO_2/NO_3 as N		Air Bubbles (Y or N)
4/28/09	1745	W	MW-5	3/40ml	HCl	4										X						
				1x500ml	Ø	4													X			
				1x125ml	H_2SO_4	4														X		
				1x500ml	HNO_3	4												X				
4/28/09	1705		MW-8	3/40	HCl	5										X						
				1/500	Ø	5													X			
				1/125	H_2SO_4	5														X		
				1/500	HNO_3	5												X				
	1100		MW-18	3/40	HCl	6										X						
				1/500	Ø	6													X			
				1/125	H_2SO_4	6														X		
				1/500	HNO_3	6												X				

Date: 4/29/09 Time: 0830 Relinquished by:
Date: Time: Relinquished by:

Received by: Date: 4/30/09 Time: 8:55
Received by: Date: Time:

Remarks: * 8260 VOCs including: 1,2 Dichloroethene (cis- & trans-), Dichlorobenzene (o-, m- & p-), Acetone, Methyl ethyl Ketone, 4-methyl-2-Pentanone

Chain-of-Custody Record

Client: Cypress Engineering Services
7171 Hay 6 North Ste 102
Houston, TX 77095
Phone #: 281 797 3421
email or Fax#: 281 859 1881

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Transwestern Pipeline Company WT-1 ERP

Project #: TWP WT-1 ERP

Project Manager: George Robinson

Sampler: Sandy Sharp

On Ice: ☒ Yes ☐ No

Sample Temperature: 9°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0904400	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	TDS, Cl, Sulfate	NO_2, NO_3 as N	Total Metals As, Ba, Pb	Air Bubbles (Y or N)
4/28/09	1810	W	MW-7	3/40ml	HCl	7										X					
				1/500ml	∅	7												X	~~X~~		
				1/125ml	H_2SO_4	7													X		
				1/500ml	HNO_3	7														X	
	1310		MW-6	3/40	HCl	8										X					
				1/500	∅	8												X			
				1/125	H_2SO_4	8													X		
			~~MW-11S~~	1/500	HNO_3	8														X	
	1345		MW-14	3/40	HCl	9										X					
				1/500	∅	9												X			
				1/125	H_2SO_4	9													X		
				1/500	HNO_3	9														X	

Date:	Time:	Relinquished by:	Received by:	Date	Time
1/29/09	0830	Sandy Sharp		4/30/09	8:55
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: 8260 VOC's Including; 1,2-Dichloroethane cis-& trans-, Dichlorobenzene o-, m- & p-, Acetone, Methyl-ethyl-Ketone, 4-Methyl-2 Pentanone

Chain-of-Custody Record

Client: CYPRESS ENGINEERING SERVICES
7171 Hwy 6 NORTH STE 102
Mailing Address:
HOUSTON, TX 77095
Phone #: 281.797.3421
email or Fax#: 281.859.1881
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: TRANSWESTERN PIPELINE COMPANY WT-1 ERP
Project #: TWP WT-1 ERP
Project Manager: GEORGE ROBINSON
Sampler: SANDY SHARP
On Ice: ☒ Yes ☐ No
Sample Temperature: 2°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO. 0C10 4403
4/28/09	1725	W	MW-16	3/40ml	HCl	10
				1/500ml	∅	10
				1/125 ml	H_2SO_4	10
				1/500ml	HNO_3	10
	1845	W	SVE-1A	3140	HCl	11
				1/500	∅	11
				1/125	H_2SO_4	11
				1/500	HNO_3	11
—	—		TRIP BLANK	2140ml	HCl	12

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA) *	8270 (Semi-VOA)	TMS, O_4, sulfide, NO2/NO3 as N, Total Metals Ba Be Mn	Air Bubbles (Y or N)
									X			
											X	
												X
												X
									X			
											X	
												X
												X
									X			

Date:	Time:	Relinquished by:	Received by:	Date	Time
4/29/09	0830			4/30/09	8:55
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: * 8260 Including 1,2-Dichloroethene cis- & trans-, Dichlorobenzene o-, m-, & p-, Acetone, Methyl-ethyl-ketone, 4-Methyl-2-Pentanone

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.