

GW - 109

MONITORING REPORTS

DATE:

2/01/2006



Cypress Engineering

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February 1, 2006

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

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GW109

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**Oil Conservation Division
Environmental Bureau**

RE: Report of Groundwater Remediation Activities
Transwestern Pipeline Company - WT-1 Station Dehy Area
Lea County, New Mexico

Dear Roger,

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) 797-3421 or Larry Campbell at (505) 625-8022.

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment: Larry Campbell
Larry Johnson

Transwestern Pipeline Company
NMOCD Hobbs District Office

Report of Groundwater Remediation Activities

**Transwestern Pipeline Company
WT-1 Compressor Station Dehy Area
Lea County, New Mexico**

**Submitted to:
New Mexico Oil Conservation Division**

February 1, 2006

**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**

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1. Groundwater Monitoring Activities

1.1 Semi-Annual Groundwater Sampling Events

Two semi-annual groundwater-sampling events have been completed since the last report of remediation activities. These events were completed on April 11, 2005 and December 1, 2005.

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 SVE 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 benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B. A summary of the laboratory results and field-measured parameters is presented in Table 3. 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 December 1, 2005 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 presently defined by the occurrence of PSH at the water table in monitor well MW-10 and wells SVE-5, SVE-11, SVE-12, and SVE-13. Based on the information currently available, the volume and lateral extent of PSH in the area appears to be relatively limited. A figure indicating the estimated area with PSH present at the water table is included as Figure 4.

1.2.3 Condition of Affected Groundwater

The condition of affected groundwater has not changed significantly from previous sampling events as evidenced by the information presented in Table 3 and Figure 5. The three monitor wells downgradient of the release area continue to yield groundwater samples that are non-detect for BTEX constituents. Monitor well MW-9, located about 200 feet upgradient of the release area, also yielded samples that are non-detect for BTEX constituents.

2. Status of Remediation Activities

2.1 Remediation Activities Completed through December 2005

The following remediation activities were completed since the last report of remediation activities:

- 1) Two groundwater-sampling events were completed.

- 2) SVE system vapor samples were collected on August 8, 2005 and November 11, 2005. A summary of the laboratory results is presented in Table 4.
- 3) Operation of the SVE system is limited to the warmer weather months. Condensed water collecting in the SVE conveyance lines during cold weather made the system ineffective, therefore, the system was shut-down in November 2005. The SVE system is scheduled to restart in April 2006.

2.2 Remediation Activities Planned for January 2006 through December 2006

Semi-annual groundwater sampling will continue and the SVE system is scheduled to operate from April 2006 through October 2006.

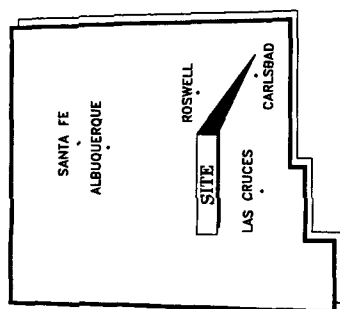
3. Proposed Modifications

3.1 Modifications to the Routine Groundwater Sampling Plan

Sampling location, frequency and the sampling analysis plan will continue on a semi-annual basis. A summary of the sample analysis plan is presented in Table 6.

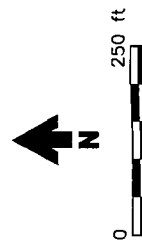
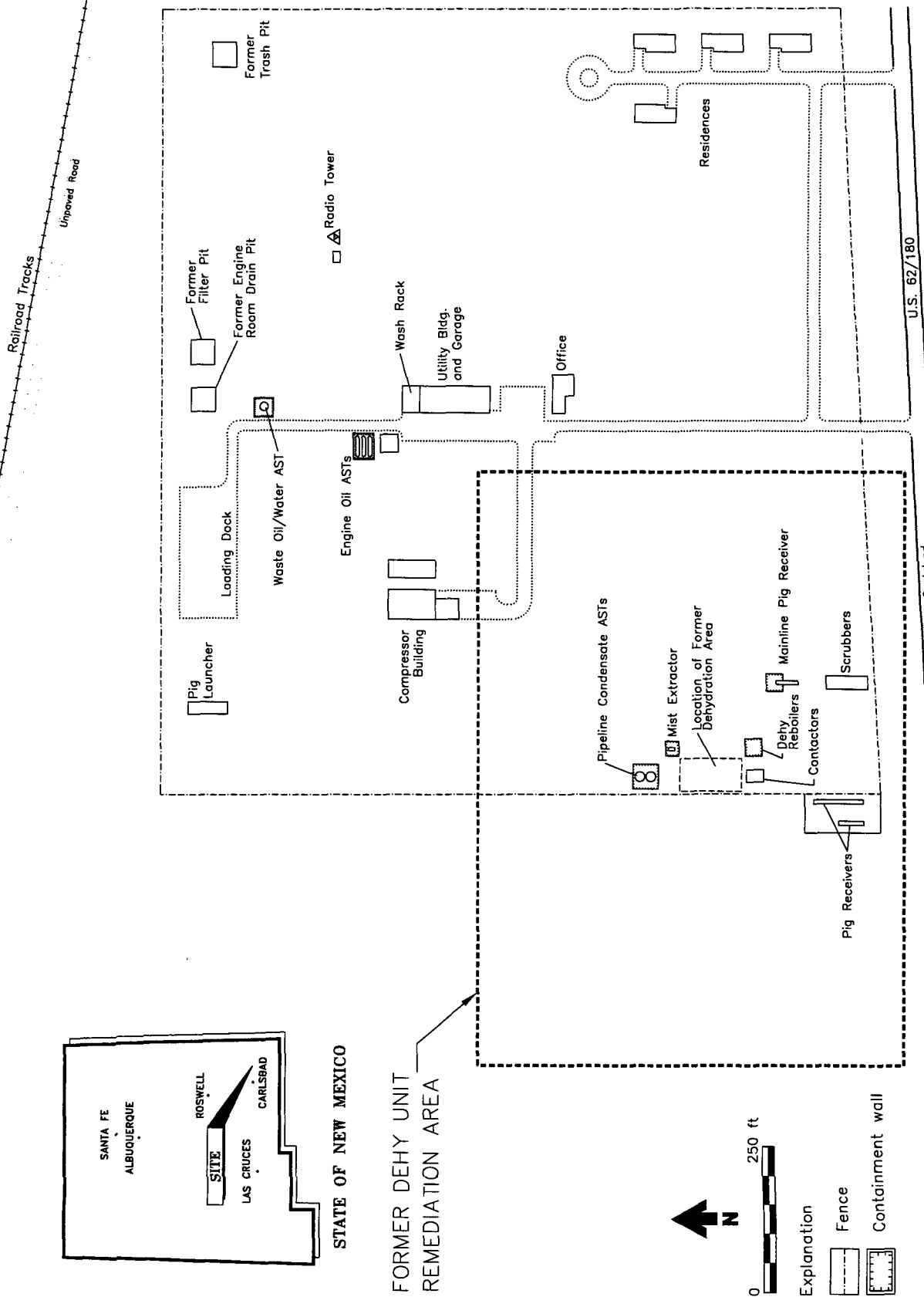
3.2 Reporting Frequency

Annual reporting will continue with the next scheduled report being submitted to the OCD by February 28, 2007.

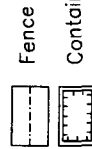


STATE OF NEW MEXICO

FORMER DEHY UNIT
REMEDATION AREA



Explanation



Facility Site Map

WT-1 COMPRESSOR STATION
TRANSWESTERN PIPELINE COMPANY

CYPRESS ENGINEERING SERVICES, INC.

Figure 1

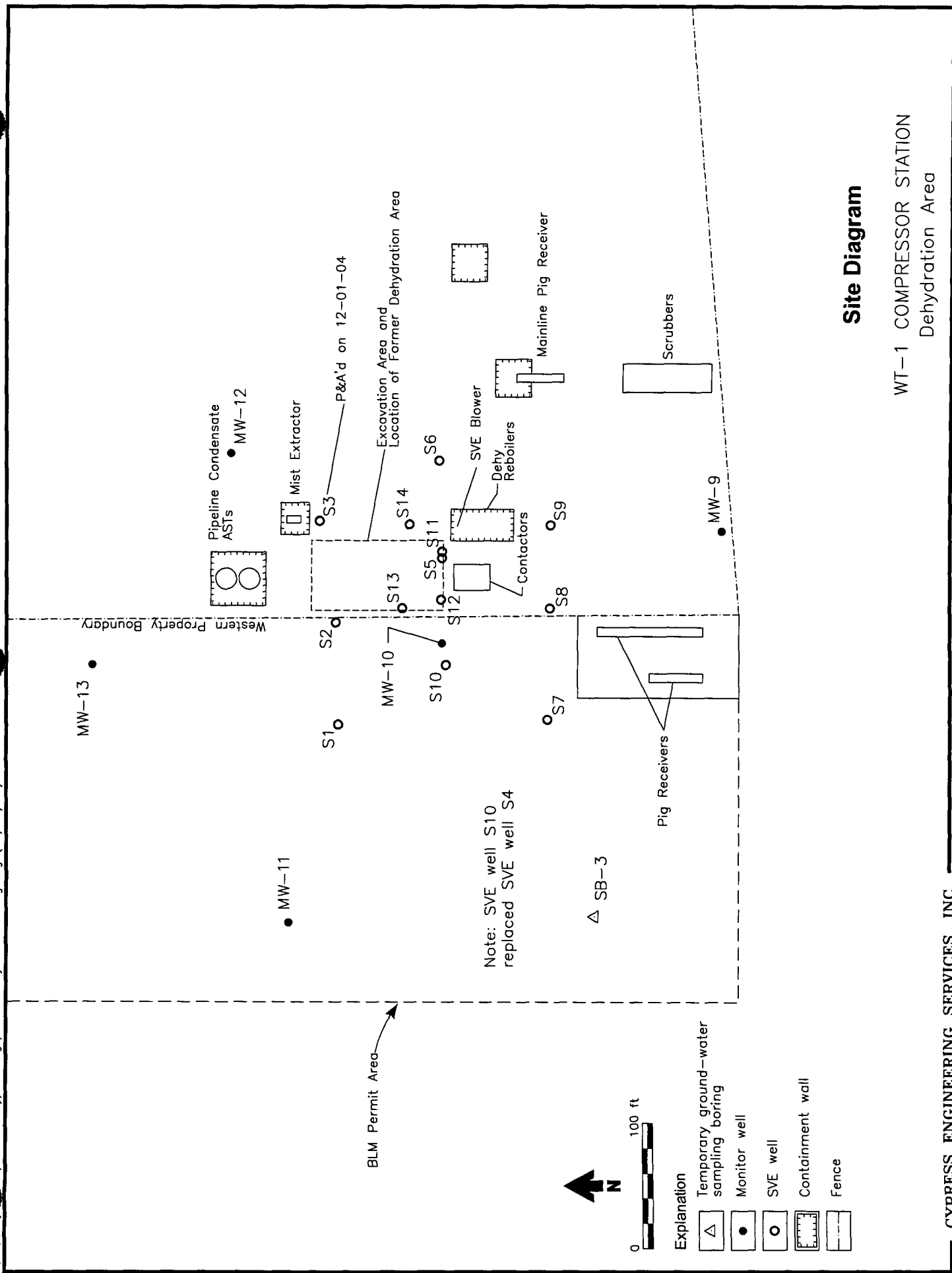


Figure 2

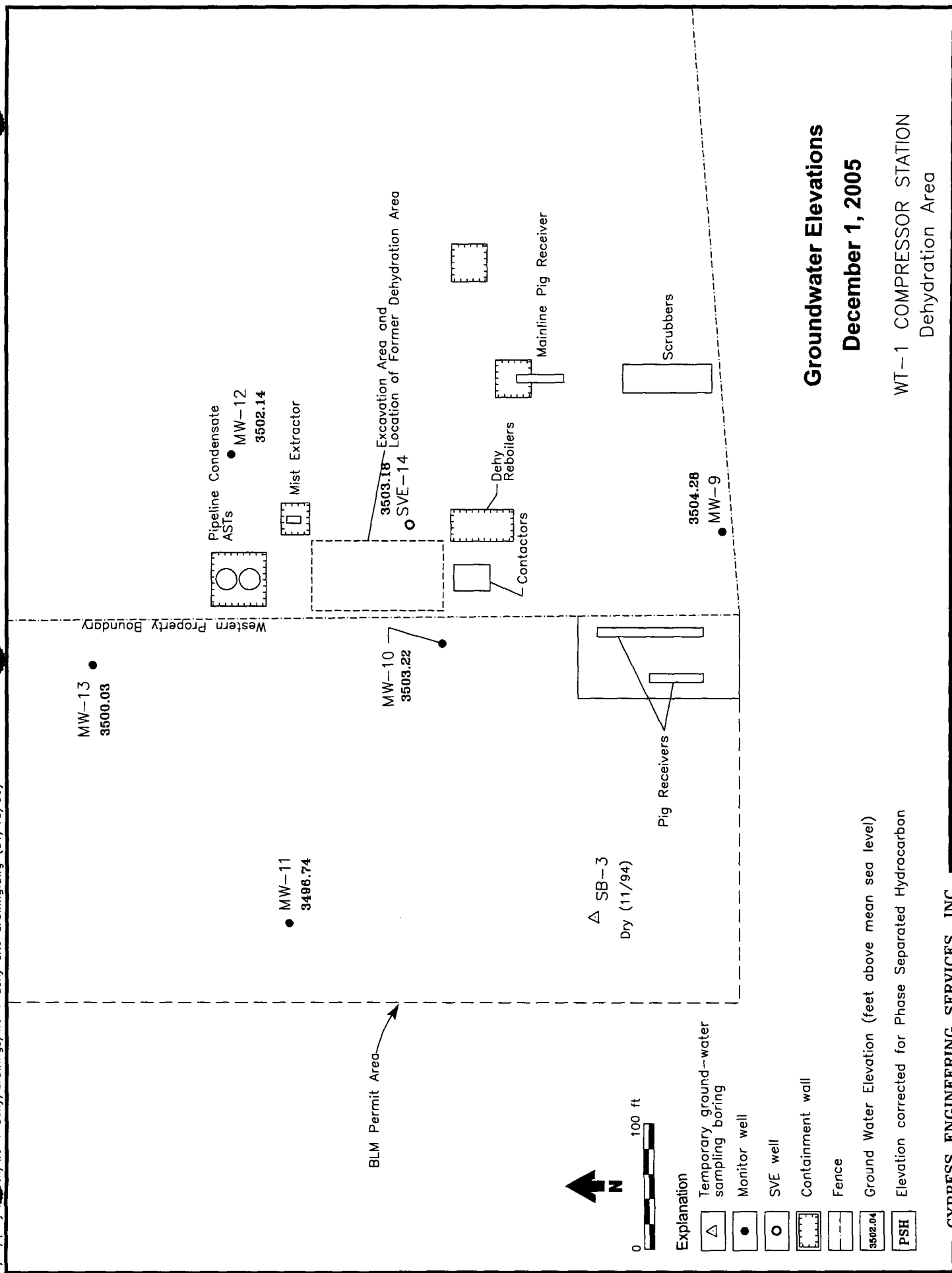
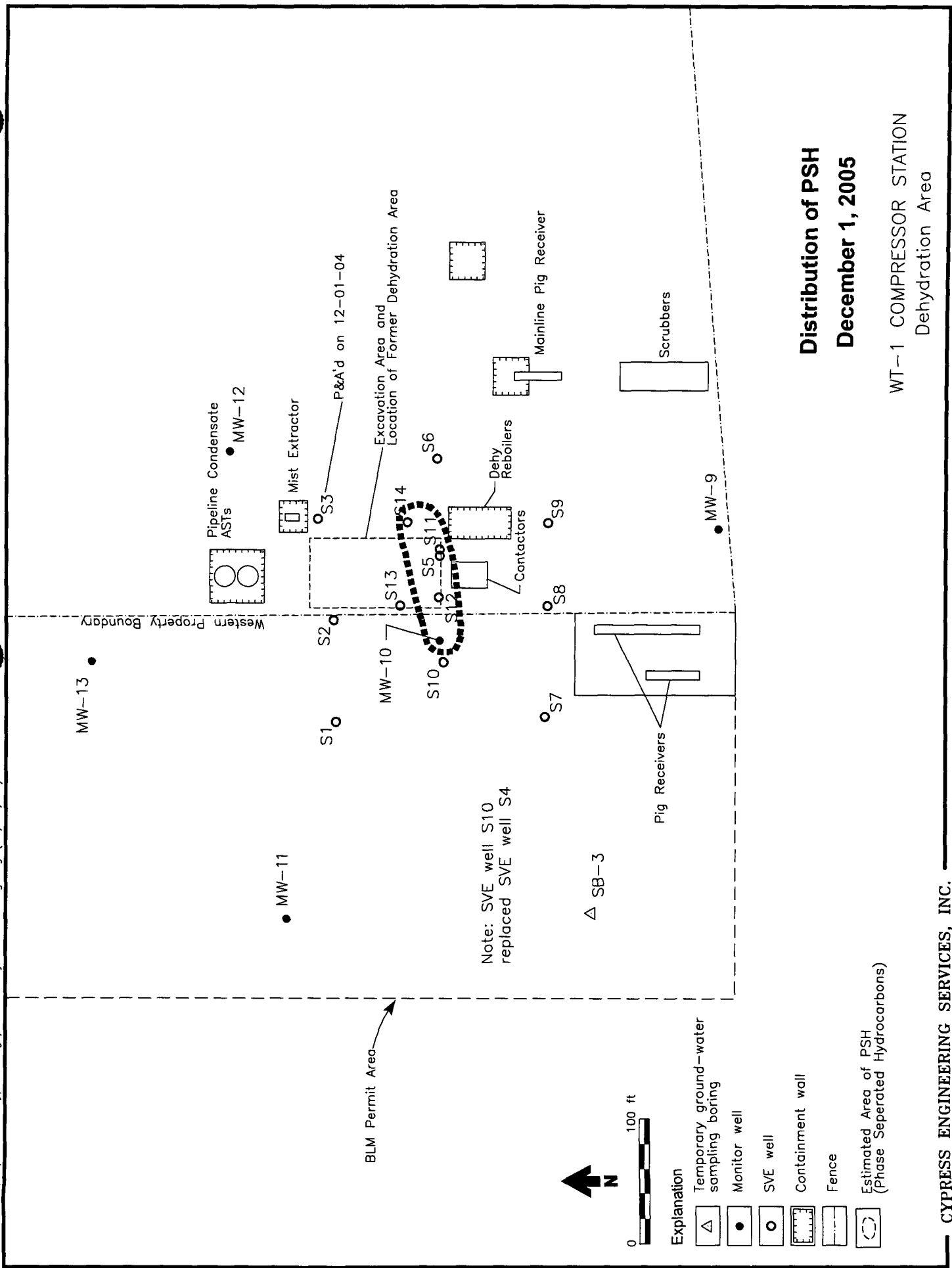


Figure 3

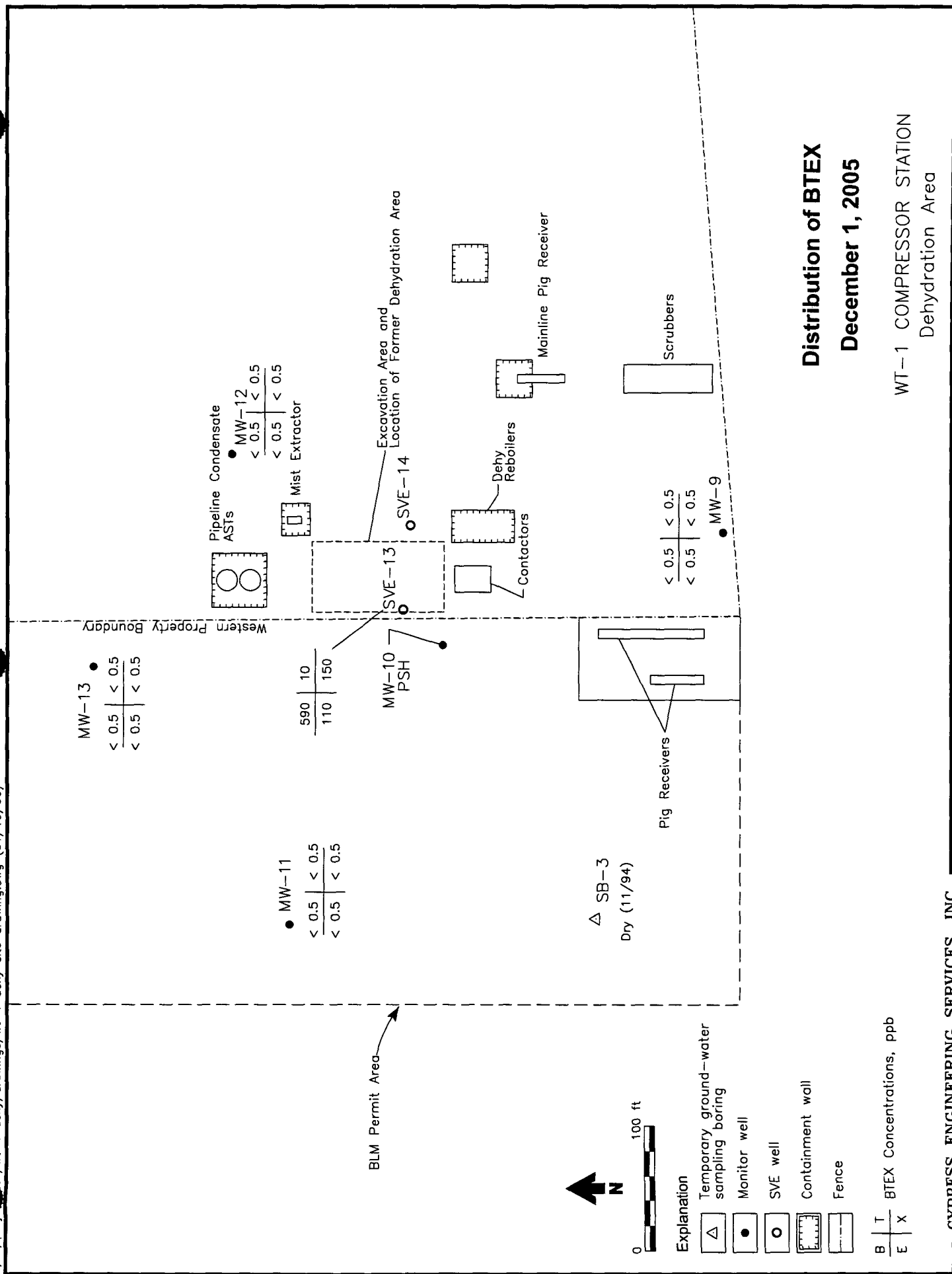


Distribution of PSH

December 1, 2005

WT-1 COMPRESSOR STATION
Dehydration Area

Figure 4



Distribution of BTEX

December 1, 2005

WT-1 COMPRESSOR STATION
 Dehydration Area

Figure 5

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-9	11/21/94	3557.31 (b)	(a)	55.14	(a)	3502.17
	11/21/95		(a)	55.67	(a)	3501.64
	02/22/96		(a)	55.27	(a)	3502.04
	05/14/96		(a)	55.18	(a)	3502.13
	08/12/96		(a)	55.53	(a)	3501.78
	11/12/96		(a)	55.25	(a)	3502.06
	02/05/97		(a)	55.20	(a)	3502.11
	08/05/97		(a)	55.25	(a)	3502.06
	12/29/97		(a)	55.19	(a)	3502.12
	02/23/98*		(a)	54.71	(a)	3502.60
	08/05/98*		(a)	54.72	(a)	3502.59
	08/27/98		(a)	54.64	(a)	3502.67
	02/11/99*		(a)	55.63	(a)	3501.68
	08/11/99*		(a)	55.15	(a)	3502.16
	02/13/00*		(a)	54.66	(a)	3502.65
	08/21/00*		(a)	54.82	(a)	3502.49
	02/17/01*		(a)	54.95	(a)	3502.36
	08/15/01		(a)	54.42	(a)	3502.89
	02/27/02*		(a)	54.40	(a)	3502.91
	07/31/02*		(a)	54.32	(a)	3502.99
	02/13/03*		(a)	54.47	(a)	3502.84
	08/04/03*		(a)	54.32	(a)	3502.99
	05/24/04*		(a)	54.52	(a)	3502.79
	11/09/04*		(a)	54.53	(a)	3502.78
	04/11/05*		(a)	53.80	(a)	3503.51
	12/01/05*		(a)	53.03	(a)	3504.28

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-10	11/18/94	3553.45 (b)	(a)	52.63	(a)	3500.82
	11/21/95		52.31	54.21	1.90	3500.76
	02/22/96		52.08	53.75	1.67	3501.04
	05/14/96		51.93	53.58	1.65	3501.19
	08/12/96		52.25	53.40	1.15	3500.97
	11/12/96		52.48	52.82	0.34	3500.90
	02/05/97		52.57	52.98	0.41	3500.80
	08/05/97		52.38	53.08	0.70	3500.93
	08/07/97		52.39	52.72	0.33	3500.99
	08/29/97		52.15	52.57	0.42	3501.22
	12/29/97		53.51	53.62	0.11	3499.92
	02/23/98*		(a)	53.42	(a)	3500.03
	08/27/98		(a)	51.65	(a)	3501.80
	02/11/99*		(a)	52.50	(a)	3500.95
	06/15/99		54.05	54.24	0.19	3499.36
	07/13/99		54.15	54.25	0.10	3499.28
	07/22/99		53.58	54.00	0.42	3499.79
	08/11/99*	3554.31 (c)	53.57	53.62	0.05	3500.73
	09/02/99		(a)	53.54	(a)	3499.91
	09/14/99		(a)	53.60	(a)	3499.85
	09/28/99		(a)	53.85	(a)	3499.60
	10/07/99		(a)	53.71	(a)	3499.74
	10/26/99		(a)	53.63	(a)	3499.82
	11/11/99		(a)	53.28	(a)	3500.17
	11/30/99		(a)	52.76	(a)	3500.69
	12/14/99		(a)	53.08	(a)	3500.37
	12/30/99		(a)	52.65	(a)	3500.80
	01/13/00		(a)	53.10	(a)	3500.35
	02/03/00		(a)	53.39	(a)	3500.06
	02/13/00*		(a)	52.81	(a)	3500.64
	03/06/00		(a)	53.18	(a)	3500.27
	04/20/00		(a)	55.19	(a)	3498.26
	05/11/00		(a)	54.14	(a)	3499.31
	05/25/00		53.66	53.98	0.32	3500.59
	06/08/00		(a)	58.24	(a)	3495.21
	06/22/00		(a)	54.35	(a)	3499.10
	07/13/00		(a)	53.82	(a)	3499.63
	07/27/00		(a)	53.48	(a)	3499.97
	08/03/00		(a)	53.10	(a)	3500.35
	08/21/00*		52.95	53.15	0.20	3501.32
	09/19/00		52.98	53.30	0.32	3501.27
	09/28/00		(a)	52.94	(a)	3500.51
	11/03/00		52.68	52.97	0.29	3501.57
	11/16/00		(a)	52.69	(a)	3500.76
	12/06/00		52.80	53.11	0.31	3501.45

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	01/25/01		52.51	52.96	0.45	3501.71
	02/17/01*		52.76	53.11	0.35	3501.48
	02/23/01		52.30	52.76	0.46	3501.92
	03/30/01		52.48	52.49	0.01	3501.83
	08/15/01		(a)	52.37	(a)	3501.08
	02/27/02*		52.22	52.32	0.10	3502.07
	07/31/02*		52.03	52.37	0.34	3502.21
	02/13/03*		52.09	52.41	0.32	3502.16
	08/04/03*		51.87	52.32	0.45	3502.35
	05/24/04*		51.87	52.52	0.65	3502.31
	11/09/04*		(a)	52.02	sheen	3501.43
	04/11/05*		51.66	52.22	0.56	3502.54
	12/01/05*		50.97	51.58	0.61	3503.22

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-11	11/21/94	3547.84 (b)	(a)	DRY	(a)	DRY
	11/21/95		(a)	58.10	(a)	3489.74
	02/22/96		(a)	56.70	(a)	3491.14
	05/14/96		(a)	57.33	(a)	3490.51
	08/12/96		(a)	56.96	(a)	3490.88
	11/12/96		(a)	56.66	(a)	3491.18
	02/05/97		(a)	57.09	(a)	3490.75
	08/05/97		(a)	54.93	(a)	3492.91
	12/29/97		(a)	54.53	(a)	3493.31
	02/23/98*		(a)	53.97	(a)	3493.87
	08/05/98*		(a)	54.37	(a)	3493.47
	08/27/98		(a)	57.48	(a)	3490.36
	02/11/99*		(a)	53.11	(a)	3494.73
	08/11/99*		(a)	52.67	(a)	3495.17
	02/13/00*		(a)	52.20	(a)	3495.64
	08/21/00*		(a)	52.34	(a)	3495.50
	02/17/01*		(a)	52.38	(a)	3495.46
	08/15/01		(a)	52.06	(a)	3495.78
	02/27/02*		(a)	52.01	(a)	3495.83
	07/31/02*		(a)	51.79	(a)	3496.05
	02/13/03*		(a)	51.65	(a)	3496.19
	08/04/03*		(a)	51.54	(a)	3496.30
	05/24/04*		(a)	51.39	(a)	3496.45
	11/09/04*		(a)	51.50	(a)	3496.34
	04/11/05*		(a)	51.18	(a)	3496.66
	12/01/05*		(a)	51.10	(a)	3496.74

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-12	11/17/94	3551.19 (b)	(a)	49.31	(a)	3501.88
	11/21/95		(a)	50.49	(a)	3500.70
	02/22/96		(a)	50.13	(a)	3501.06
	05/14/96		(a)	49.96	(a)	3501.23
	08/12/96		(a)	50.31	(a)	3500.88
	11/12/96		(a)	50.41	(a)	3500.78
	02/05/97		(a)	50.53	(a)	3500.66
	08/05/97		(a)	50.39	(a)	3500.80
	12/29/97		(a)	50.35	(a)	3500.84
	02/23/98*		(a)	50.26	(a)	3500.93
	08/05/98*		(a)	50.22	(a)	3500.97
	08/27/98		(a)	49.94	(a)	3501.25
	02/11/99*		(a)	49.87	(a)	3501.32
	08/11/99*		(a)	50.29	(a)	3500.90
	02/13/00*		(a)	49.62	(a)	3501.57
	08/21/00*		(a)	50.28	(a)	3500.91
	02/17/01*		(a)	50.06	(a)	3501.13
	08/15/01		(a)	49.61	(a)	3501.58
	02/27/02*		(a)	49.45	(a)	3501.74
	07/31/02*		(a)	49.43	(a)	3501.76
	02/13/03*		(a)	49.41	(a)	3501.78
	08/04/03*		(a)	49.36	(a)	3501.83
	05/24/04*		(a)	49.45	(a)	3501.74
	11/09/04*		(a)	49.57	(a)	3501.62
	04/11/05*		(a)	49.37	(a)	3501.82
	12/01/05*		(a)	49.05	(a)	3502.14

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-13	12/01/94	3547.78 (b)	(a)	49.70	(a)	3498.08
	11/21/95		(a)	49.55	(a)	3498.23
	02/22/96		(a)	49.27	(a)	3498.51
	05/14/96		(a)	49.15	(a)	3498.63
	08/12/96		(a)	49.40	(a)	3498.38
	11/12/96		(a)	49.42	(a)	3498.36
	02/05/97		(a)	49.40	(a)	3498.38
	08/05/97		(a)	49.37	(a)	3498.41
	12/29/97		(a)	49.50	(a)	3498.28
	02/23/98*		(a)	49.35	(a)	3498.43
	08/05/98*		(a)	49.41	(a)	3498.37
	08/27/98		(a)	49.20	(a)	3498.58
	02/11/99*		(a)	49.12	(a)	3498.66
	08/11/99*		(a)	49.43	(a)	3498.35
	02/13/00*		(a)	49.05	(a)	3498.73
	08/21/00*		(a)	49.40	(a)	3498.38
	02/17/01*		(a)	49.22	(a)	3498.56
	08/15/01		(a)	48.98	(a)	3498.80
	02/27/02*		(a)	48.85	(a)	3498.93
	07/31/02*		(a)	48.62	(a)	3499.16
	02/13/03*		(a)	48.52	(a)	3499.26
	08/04/03*		(a)	48.40	(a)	3499.38
	05/24/04*		(a)	48.35	(a)	3499.43
	11/09/04*		(a)	48.55	(a)	3499.23
	04/11/05*		(a)	48.13	(a)	3499.65
	12/01/05*		(a)	47.75	(a)	3500.03

NOTES:

PSH - Phase separated hydrocarbon

Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of

(a) Not applicable since no measurable thickness of hydrocarbon is present

(b) Survey by John West Engineering, Hobbs, NM dated 11/94

(c) Survey by Cypress Engineering, Houston, TX dated 08/11/99

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-1	05/14/96	3551.22 (e)	(a)	51.01	(a)	3500.21
	08/06/97		(a)	49.09	(a)	3502.13
	02/11/99*		(a)	51.52	(a)	3499.70
	08/11/99*		(a)	52.17	(a)	3499.05
	02/13/00*		(a)	51.32	(a)	3499.90
	08/21/00*		(a)	51.85	(a)	3499.37
	02/17/01*		(a)	51.55	(a)	3499.67
	08/15/01		(a)	51.17	(a)	3500.05
	02/27/02*		(a)	50.90	(a)	3500.32
	07/31/02*		(a)	50.79	(a)	3500.43
	02/13/03*		(a)	50.71	(a)	3500.51
	08/04/03*		(a)	50.63	(a)	3500.59
	05/24/04*		(a)	50.80	(a)	3500.42
	11/09/04*		(a)	50.73	(a)	3500.49
	04/11/05*		(a)	50.72	(a)	3500.50
	12/01/05*		(a)	50.44	(a)	3500.78
SVE-2	05/14/96	3551.96 (e)	50.63	51.38	0.75	3501.18
	08/06/97		50.95	52.15	1.20	3500.77
	08/07/97		50.93	51.64	0.71	3500.89
	08/29/97		50.75	51.16	0.41	3501.13
	12/29/97		51.02	51.76	0.74	3500.79
	06/26/98		(a)	50.87	(a)	3501.09
	07/13/98		(a)	50.87	(a)	3501.09
	02/11/99*		(a)	50.15	(a)	3501.81
	08/11/99*		(a)	51.26	(a)	3500.70
	02/13/00*		(a)	50.57	(a)	3501.39
	08/21/00*		(a)	50.68	(a)	3501.28
	02/17/01*		(a)	50.55	(a)	3501.41
	08/15/01		(a)	50.07	(a)	3501.89
	07/31/02*		(a)	49.81	(a)	3502.15
	02/13/03*		(a)	49.89	(a)	3502.07
	08/04/03*		(a)	49.68	(a)	3502.28
	05/24/04*		(a)	49.70	(a)	3502.26
	11/09/04*		(a)	49.85	(a)	3502.11
	04/11/05*		(a)	50.31	(a)	3501.65
	12/01/05*		(a)	49.62	(a)	3502.34
SVE-3	05/14/96	3552.75 (e)	(a)	50.95	(a)	3501.80
	08/06/97		(a)	47.70	(a)	3505.05
	12/29/97		(a)	51.44	(a)	3501.31
	02/11/99*		(a)	46.45	(a)	3506.30
	08/11/99*		(a)	51.03	(a)	3501.72
	02/13/00*		(a)	51.17	(a)	3501.58
	02/17/01*		(a)	51.08	(a)	3501.67
	08/15/01		(a)	50.87	(a)	3501.88
	02/27/02*		(a)	50.61	(a)	3502.14
	07/31/02*		(a)	50.57	(a)	3502.18
	02/13/03*		(a)	50.56	(a)	3502.19
	08/04/03*		(a)	50.46	(a)	3502.29
	05/24/04*		--	TD@41.00	--	--
	11/09/04*		--	TD@41.00	--	--
	12/01/04	(f)	--	--	--	--

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-4	05/14/96	3553.03 (d)	51.91	53.67	1.76	3500.77
	08/06/97		50.56	52.24	1.68	3502.13
	08/07/97		52.84	53.39	0.55	3500.08
	08/29/97		50.50	51.74	1.24	3502.28
	12/29/97		52.02	53.04	1.02	3500.81
	06/26/98		50.58	52.30	1.72	3502.11
	07/13/98		50.52	52.30	1.78	3502.15
	07/24/98		50.38	51.80	1.42	3502.37
	09/23/98		50.11	51.31	1.20	3502.68
	01/07/99		50.70	51.36	0.66	3502.20
	01/27/99		50.65	51.18	0.53	3502.27
SVE-5	05/14/96	3554.39 (e)	51.34	--	--	(a)
	08/06/97		45.69	49.30	3.61	3507.98
	08/07/97		50.22	51.08	0.86	3504.00
	08/29/97		45.00	48.59	3.59	3508.67
	12/29/97		51.83	--	--	(a)
	08/26/98		44.65	47.10	2.45	3509.25
	01/17/99		46.20	46.60	0.40	3508.11
	02/11/99*		44.87	45.10	0.23	3509.47
	06/15/99		<52.05	<52.05	na	na
	07/15/99		<52.05	<52.05	na	na
	08/13/99		<52.05	<52.05	na	na
	09/14/99		<52.05	<52.05	na	na
	10/07/99		<52.05	<52.05	na	na
	11/16/99		<52.05	<52.05	na	na
	12/16/99		<52.05	<52.05	na	na
	01/25/00		(a)	52.08	(a)	3502.31
	02/03/00		(a)	51.23	(a)	3503.16
	02/13/00*		(a)	51.08	(a)	3503.31
	02/17/01*		(a)	48.08	(a)	3506.31
	08/15/01		(a)	50.68	(a)	3503.71
	02/27/02*		(a)	50.53	(a)	3503.86
	07/31/02*		(a)	51.96	(a)	3502.43
	02/13/03*		51.85	52.06	0.21	3502.50
	08/04/03*		52.90	53.56	0.66	3501.36
	05/24/04*		51.90	52.13	0.23	3502.44
	11/09/04*		51.99	to TD @ 52.14	--	--
	04/11/05*		51.40	51.99	0.59	3502.87
	12/01/05*		50.81	51.57	0.76	3503.43
SVE-6	05/14/96	3553.74 (e)	(a)	54.30	(a)	3499.44
	08/06/97		(a)	49.75	(a)	3503.99
	02/11/99*		(a)	52.05	(a)	3501.69
	08/11/99*		(a)	52.59	(a)	3501.15
	02/13/00*		(a)	51.95	(a)	3501.79
	02/17/01*		(a)	51.88	(a)	3501.86
	08/15/01		(a)	51.36	(a)	3502.38
	02/27/02*		(a)	51.22	(a)	3502.52
	07/31/02*		(a)	51.03	(a)	3502.71
	02/13/03*		(a)	51.16	(a)	3502.58
	08/04/03*		(a)	50.88	(a)	3502.36
	05/24/04*		(a)	51.18	(a)	3502.56
	11/09/04*		(a)	50.99	(a)	3502.75
	04/11/05*		(a)	51.82	(a)	3501.92
	12/01/05*		(a)	49.94	(a)	3503.80

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-7	05/14/96	3553.81 (e)	(a)	53.89	(a)	3499.92
	08/06/97		(a)	51.40	(a)	3502.41
	12/29/97		(a)	54.14	(a)	3499.67
	02/11/99*		(a)	53.65	(a)	3500.16
	08/11/99*		(a)	54.18	(a)	3499.63
	02/13/00*		(a)	53.37	(a)	3500.44
	08/21/00*		(a)	53.98	(a)	3499.83
	02/17/01*		(a)	53.64	(a)	3500.17
	08/15/01		(a)	53.28	(a)	3500.53
	02/27/02*		(a)	52.93	(a)	3500.88
	07/31/02*		(a)	52.87	(a)	3500.94
	02/13/03*		(a)	52.71	(a)	3501.10
	08/04/03*		(a)	52.61	(a)	3501.20
	05/24/04*		(a)	52.63	(a)	3501.18
	11/09/04*		(a)	52.70	(a)	3501.11
SVE-8	04/11/05*	3555.25 (e)	(a)	52.38	(a)	3501.43
	12/01/05*		(a)	51.85	(a)	3501.96
	05/14/96		(a)	53.55	(a)	3501.70
	08/06/97		(a)	51.72	(a)	3503.53
	12/29/97		(a)	54.07	(a)	3501.18
	02/11/99*		(a)	53.06	(a)	3502.19
	08/11/99*		(a)	54.02	(a)	3501.23
	02/13/00*		(a)	53.33	(a)	3501.92
	08/21/00*		(a)	53.57	(a)	3501.68
	02/17/01*		(a)	53.34	(a)	3501.91
	08/15/01		(a)	53.08	(a)	3502.17
	02/27/02*		(a)	52.94	(a)	3502.31
	07/31/02*		(a)	52.83	(a)	3502.42
	02/13/03*		(a)	52.86	(a)	3502.39
	08/04/03*		(a)	52.73	(a)	3502.52
SVE-9	05/24/04*	3555.36 (e)	(a)	52.74	(a)	3502.51
	11/09/04*		(a)	52.87	(a)	3502.38
	04/11/05*		(a)	52.39	(a)	3502.86
	12/01/05*		(a)	51.60	(a)	3503.65
	05/14/96		(a)	54.13	(a)	3501.23
	08/06/97		(a)	50.06	(a)	3505.30
	02/11/99*		(a)	50.97	(a)	3504.39
	08/11/99*		(a)	54.39	(a)	3500.97
	02/13/00*		(a)	53.65	(a)	3501.71
	08/21/00*		(a)	54.22	(a)	3501.14
	02/17/01*		(a)	53.57	(a)	3501.79
	08/15/01		(a)	53.14	(a)	3502.22
	02/27/02*		(a)	53.01	(a)	3502.35
	07/31/02*		(a)	52.78	(a)	3502.58
	02/13/03*		(a)	52.88	(a)	3502.48
	08/04/03*		(a)	52.63	(a)	3502.73
	05/24/04*		(a)	52.81	(a)	3502.55
	11/09/04*		(a)	52.78	(a)	3502.58
	04/11/05*		(a)	53.53	(a)	3501.83
	12/01/05*		(a)	51.81	(a)	3503.55

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-10	06/04/99	3554.40 (e)	52.86	52.88	0.02	3501.54
	06/29/99		53.25	53.32	0.07	3501.14
	07/08/99		51.63	51.70	0.07	3502.76
	07/27/99		51.23	51.41	0.18	3503.13
	08/11/99*		53.12	53.32	0.20	3501.24
	08/26/99		51.63	51.77	0.14	3502.74
	09/28/99		56.65	56.79	0.14	3497.72
	10/07/99		54.98	55.23	0.25	3499.37
	10/26/99		54.68	54.77	0.09	3499.70
	11/11/99		55.79	55.85	0.06	3498.60
	11/30/99		55.03	55.07	0.04	3499.36
	12/14/99		54.52	54.53	0.01	3499.88
	12/30/99		53.91	53.94	0.03	3500.48
	01/13/00		53.56	53.59	0.03	3500.83
	01/25/00		53.50	53.52	0.02	3500.90
	02/03/00		53.61	53.63	0.02	3500.79
	02/13/00*		53.53	53.58	0.05	3500.86
	03/06/00		54.11	54.12	0.01	3500.29
	03/23/00		(a)	54.95	(a)	3499.45
	04/06/00		54.05	54.07	0.02	3500.35
	04/20/00		54.19	54.20	0.01	3500.21
	05/11/00		54.21	54.22	0.01	3500.19
	05/25/00		(a)	54.21	(a)	3500.19
	06/08/00		(a)	54.18	(a)	3500.22
	06/22/00		(a)	54.18	(a)	3500.22
	07/13/00		(a)	54.19	(a)	3500.21
	07/27/00		(a)	54.19	(a)	3500.21
	08/03/00		54.03	54.04	0.01	3500.37
	08/21/00*		(a)	54.02	(a)	3500.38
	09/14/00		(a)	53.60	(a)	3500.80
	09/28/00		(a)	53.58	(a)	3500.82
	10/12/00		(a)	53.55	(a)	3500.85
	11/03/00		(a)	53.35	(a)	3501.05
	11/16/00		(a)	53.29	(a)	3501.11
	12/06/00		(a)	53.25	sheen	3501.15
	01/25/01		(a)	53.11	(a)	3501.29
	02/17/01*		53.04	53.05	0.01	3501.36
	02/23/01		(a)	53.00	(a)	3501.40
	03/30/01		(a)	52.95	(a)	3501.45
	08/15/01		(a)	56.16	(a)	3498.24
	02/27/02*		(a)	52.70	(a)	3501.70
	07/31/02*		(a)	52.60	(a)	3501.80
	02/13/03*		(a)	52.47	sheen	3501.93
	08/04/03*		(a)	52.30	sheen	3502.10
	05/24/04*		(a)	52.27	(a)	3502.13
	11/09/04*		(a)	52.37	sheen	3502.03
	04/11/05*		(a)	52.06	(a)	3502.34
	12/01/05*		(a)	51.50	(a)	3502.90

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-11	06/04/99	3555.33 (e)	54.94	55.32	0.38	3500.31
	06/29/99		54.94	55.31	0.37	3500.32
	07/08/99		54.87	56.51	1.64	3500.13
	07/27/99		54.52	56.18	1.66	3500.48
	08/11/99*		54.32	55.91	1.59	3500.69
	08/13/99		54.66	55.80	1.14	3500.44
	09/02/99		54.30	54.39	0.09	3501.01
	09/14/99		55.30	56.14	0.84	3499.86
	10/05/99		54.80	54.85	0.05	3500.52
	11/02/99		54.58	54.59	0.01	3500.75
	11/16/99		(a)	54.21	(a)	3501.12
	12/02/99		(a)	54.20	(a)	3501.13
	12/30/99		(a)	53.86	(a)	3501.47
	01/13/00		(a)	53.99	(a)	3501.34
	01/25/00		(a)	54.64	(a)	3500.69
	02/03/00		(a)	54.32	(a)	3501.01
	02/13/00*		53.87	53.89	0.02	3501.46
	03/23/00		57.55	57.56	0.01	3497.78
	04/06/00		(a)	56.00	(a)	3499.33
	05/11/00		(a)	55.26	(a)	3500.07
	05/25/00		(a)	54.63	(a)	3500.70
	06/08/00		(a)	54.73	(a)	3500.60
	06/22/00		(a)	55.28	(a)	3500.05
	07/13/00		54.62	54.63	0.01	3500.71
	07/27/00		(a)	54.29	(a)	3501.04
	08/03/00		(a)	54.22	(a)	3501.11
	08/21/00*		(a)	53.77	(a)	3501.56
	09/14/00		(a)	53.92	(a)	3501.41
	09/28/00		(a)	53.92	(a)	3501.41
	10/12/00		(a)	53.95	(a)	3501.38
	11/03/00		53.75	53.76	0.01	3501.58
	11/16/00		53.76	53.77	0.01	3501.57
	12/06/00		53.83	53.89	0.06	3501.49
	01/25/01		53.64	53.71	0.07	3501.68
	02/17/01*		53.76	53.87	0.11	3501.55
	02/23/01		53.47	53.54	0.07	3501.85
	03/30/01		53.48	53.55	0.07	3501.84
	08/15/01		(a)	53.43	(a)	3501.90
	02/27/02*		53.35	53.43	0.08	3501.96
	07/31/02*		53.15	53.16	0.01	3502.18
	02/13/03*		(a)	53.03	sheen	3502.30
	08/04/03*		51.81	52.02	0.21	3503.48
	05/24/04*		55.85	56.33	0.48	3499.38
	11/09/04*		52.94	53.31	0.37	3502.32
	04/11/05*		52.54	52.55	0.01	3502.79
	12/01/05*		51.81	53.05	1.24	3503.27

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-12	06/04/99	3555.64 (e)	55.00	58.71	3.71	3499.90
	07/13/99		55.25	55.83	0.58	3500.27
	07/27/99		54.99	56.16	1.17	3500.42
	08/03/99		55.11	56.41	1.30	3500.27
	09/07/99		54.29	54.30	0.01	3501.35
	09/14/99		55.28	55.29	0.01	3500.36
	10/12/99		53.35	53.37	0.02	3502.29
	10/28/99		(a)	54.56	(a)	3501.08
	11/11/99		(a)	54.23	(a)	3501.41
	11/30/99		(a)	53.88	(a)	3501.76
	12/14/99		(a)	53.89	(a)	3501.75
	12/30/99		(a)	53.82	(a)	3501.82
	01/25/00		(a)	54.33	(a)	3501.31
	02/03/00		(a)	54.41	(a)	3501.23
	02/13/00*		(a)	54.17	sheen	3501.47
	04/20/00		(a)	56.38	(a)	3499.26
	06/15/00		(a)	55.25	(a)	3500.39
	07/13/00		(a)	54.50	(a)	3501.14
	07/27/00		(a)	53.97	(a)	3501.67
	08/03/00		(a)	53.19	(a)	3502.45
	08/21/00*		(a)	53.73	(a)	3501.91
	09/14/00		(a)	53.57	(a)	3502.07
	09/28/00		(a)	53.82	(a)	3501.82
	10/12/00		(a)	53.54	(a)	3502.10
	11/03/00		(a)	54.04	(a)	3501.60
	11/16/00		(a)	54.06	(a)	3501.58
	12/06/00		(a)	54.12	sheen	3501.52
	01/25/01		53.92	53.94	0.02	3501.72
	02/17/01*		54.06	54.10	0.04	3501.57
	02/23/01		(a)	52.28	(a)	3503.36
	03/30/01		53.79	53.88	0.09	3501.83
	08/15/01		(a)	53.73	(a)	3501.91
	02/27/02*		53.60	53.61	0.01	3502.04
	07/31/02*		53.44	53.59	0.15	3502.17
	02/13/03*		53.47	53.62	0.15	3502.14
	08/04/03*		53.23	53.57	0.34	3502.34
	05/24/04*		53.13	53.74	0.61	3502.39
	11/09/04*		53.33	53.87	0.54	3502.20
	04/11/05*		52.97	52.98	0.01	3502.67
	12/01/05*		52.20	52.90	0.70	3503.30

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-13	06/04/99	3554.11 (e)	53.73	54.83	1.10	3500.16
	06/24/99		53.65	54.02	0.37	3500.39
	07/15/99		53.97	54.02	0.05	3500.13
	07/27/99		53.28	53.30	0.02	3500.83
	08/11/99*		53.37	53.39	0.02	3500.74
	08/26/99		(a)	53.27	(a)	3500.84
	09/14/99		(a)	53.93	(a)	3500.18
	09/28/99		(a)	53.24	(a)	3500.87
	10/07/99		(a)	53.36	(a)	3500.75
	10/21/99		(a)	53.51	(a)	3500.60
	11/11/99		(a)	53.00	(a)	3501.11
	11/30/99		(a)	52.56	(a)	3501.55
	12/14/99		(a)	52.54	(a)	3501.57
	12/30/99		(a)	52.38	(a)	3501.73
	01/25/00		(a)	54.18	(a)	3499.93
	02/03/00		(a)	52.79	(a)	3501.32
	02/13/00*		(a)	52.60	(a)	3501.51
	03/06/00		(a)	53.45	(a)	3500.66
	03/23/00		(a)	56.07	(a)	3498.04
	04/06/00		(a)	54.76	(a)	3499.35
	05/11/00		(a)	53.54	(a)	3500.57
	05/25/00		(a)	52.68	(a)	3501.43
	06/08/00		(a)	53.16	(a)	3500.95
	06/22/00		(a)	54.22	(a)	3499.89
	07/13/00		(a)	52.91	(a)	3501.20
	07/27/00		(a)	52.67	(a)	3501.44
	08/03/00		(a)	52.48	(a)	3501.63
	08/21/00*		(a)	52.47	(a)	3501.64
	09/14/00		(a)	52.65	(a)	3501.46
	09/28/00		(a)	52.58	(a)	3501.53
	10/12/00		(a)	52.57	(a)	3501.54
	11/03/00		(a)	52.49	(a)	3501.62
	11/16/00		(a)	52.51	(a)	3501.60
	12/06/00		(a)	52.59	(a)	3501.52
	01/25/01		(a)	52.41	(a)	3501.70
	02/17/01*		(a)	52.55	(a)	3501.56
	02/23/01		53.72	53.74	0.02	3500.39
	03/30/01		(a)	52.26	(a)	3501.85
	08/15/01		(a)	52.16	(a)	3501.95
	02/27/02*		(a)	52.14	(a)	3501.97
	07/31/02*		(a)	51.93	(a)	3502.18
	02/13/03*		(a)	52.01	(a)	3502.10
	08/04/03*		(a)	51.81	(a)	3502.30
	05/24/04*		(a)	51.70	(a)	3502.41
	11/09/04*		(a)	50.90	(a)	3503.21
	04/11/05*		(a)	51.49	(a)	3502.62
	12/01/05*		(a)	50.86	(a)	3503.25

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-14	06/04/99	3554.83 (e)	(a)	54.43	(a)	3500.40
	06/24/99		(a)	52.01	(a)	3502.82
	07/15/99		(a)	52.76	(a)	3502.07
	07/27/99		(a)	52.03	(a)	3502.80
	08/11/99*		(a)	54.13	(a)	3500.70
	08/26/99		(a)	52.40	(a)	3502.43
	09/14/99		(a)	52.61	(a)	3502.22
	09/28/99		(a)	52.36	(a)	3502.47
	10/07/99		(a)	52.14	(a)	3502.69
	10/21/99		(a)	54.37	(a)	3500.46
	11/11/99		(a)	53.09	(a)	3501.74
	11/30/99		(a)	51.51	(a)	3503.32
	12/14/99		(a)	51.16	(a)	3503.67
	12/30/99		(a)	53.32	(a)	3501.5*
	01/13/00		(a)	53.51	(a)	3501.32
	01/25/00		(a)	51.42	(a)	3503.41
	02/03/00		(a)	51.28	(a)	3503.55
	02/13/00*		(a)	53.36	(a)	3501.47
	02/17/01*		(a)	53.31	(a)	3501.52
	08/21/00*		(a)	53.37	(a)	3501.46
	02/17/01*		(a)	53.31	(a)	3501.52
	08/15/01		(a)	52.95	(a)	3501.83
	02/27/02*		(a)	52.88	sheen	3501.95
	07/31/02*		(a)	52.67	(a)	3502.16
	02/13/03*		(a)	52.75	sheen	3502.08
	08/04/03*		52.56	52.57	0.01	3502.27
	05/24/04*		(a)	52.51	(a)	3502.32
	11/09/04*		(a)	51.65	(a)	3503.18
	04/11/05*		(a)	49.37	(a)	3505.46
	12/01/05*		51.65	51.66	0.01	3503.18

Notes:

- (a) Not Applicable
- (b) No elevation data available
- (c) Survey by John West Engineering, Hobbs, NM dated 11/94
- (d) Survey by John West Engineering, Hobbs, NM dated 02/22/96
- (e) Survey by Cypress Engineering, Houston, TX dated 08/11/99
- (f) SVE-3 plugged and abandoned on 12-01-04 by George Friend.

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
MW-9	11/21/94	-	-	-	-	12	< 0.5	< 0.5	< 0.5
	11/21/95	-	7.03	19.4	2,890	4	3	< 2	11
	02/22/96	-	6.48	22.2	2,980	13	< 2	< 2	< 2
	05/14/96	-	-	-	-	14	< 2	< 2	< 2
	08/12/96	-	6.79	27.0	3,090	14	< 2	< 2	< 3
	11/12/96	-	6.97	16.6	-	9	< 2	< 2	< 2
	02/05/97	3.0	7.26	16.3	3,900	13	< 2	< 2	< 2
	08/05/97	1.8	6.97	20.7	3,580	3	< 2	< 2	< 2
	02/24/98	4.2	7.00	20.3	3,550	16.3	< 5	< 5	< 5
	08/05/98	2.2	6.93	22.6	3,910	1.9	< 1	< 1	< 1
	02/12/99	-	-	-	-	6	< 1	< 1	< 1
	08/11/99	3.1	6.9	21.0	3,230	< 2	< 2	< 2	< 2
	02/13/00	-	-	-	-	3.0	< 1	< 1	< 1
	08/21/00 (a)	-	-	-	-	1.5	< 0.5	0.5	0.9
	02/17/01	-	-	-	-	< 0.500	< 0.500	< 0.500	< 0.10
	08/15/01	2.6	7.12	22.5	3,140	2.06	< 1	< 1	< 2
	02/27/02	3.6	6.94	21.9	4,130	6	< 1	< 1	< 1
	08/01/02	3.7	6.80	21.5	3,810	< 0.50	< 0.50	< 0.50	< 0.50
	02/13/03	2.8	6.98	22.7	4,310	0.86	< 0.50	< 0.50	< 0.50
	08/05/03	2.1	6.91	23.3	3,830	0.60	< 0.50	< 0.50	< 0.50
	05/24/04	2.7	7.07	22.9	4,090	< 0.50	< 0.50	< 0.50	< 0.50
	11/09/04*	3.3	6.83	20.6	4,423	< 0.50	< 0.50	< 0.50	< 0.50
	04/11/05	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50
	12/01/05	4.6	7.16	19.8	3,977	< 0.50	< 0.50	< 0.50	< 0.50

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
MW-10	11/18/94	-	-	-	-	9,000	16,000	620	8,500
	08/05/98	-	-	-	-	4,000	7,500	190	3,100
	02/12/99	-	-	-	-	4,300	7,700	340	3,300
	11/18/99	-	-	-	-	3,400	5,600	280	3,100
	02/13/00	-	-	-	-	4,800	9,200	710	6,200
	06/20/00	-	-	-	-	3,700	6,600	380	3,900
	08/15/01	-	-	-	-	4,590	454	429	4,680

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)				
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes	
NMWQCC Standard		none	6-9	none	none	10	750	750	620	
MW-11	11/21/94	(b)	-	-	-	-	-	-	-	
	11/21/95		-	-	-	< 2	< 2	< 2	< 2	
	02/22/96		-	7.34	21.9	1,920	< 2	< 2	< 2	
	05/14/96		-	-	-	-	< 2	< 2	< 2	
	08/12/96		-	7.11	25.7	2,050	< 2	< 2	< 2	
	11/11/96		6.0	7.15	19.9	-	< 2	< 2	< 2	
	02/05/97		7.0	7.56	14.8	2,300	< 2	< 2	< 2	
	08/05/97		5.3	7.19	21.2	2,280	< 2	< 2	< 2	
	02/24/98		6.5	7.35	18.8	2,100	< 5	< 5	< 5	
	08/05/98		7.2	7.15	20.4	2,250	< 1	< 1	< 1	
	02/12/99		-	-	-	-	< 1	< 1	< 1	
	08/11/99		8.8	7.42	20.8	1,800	< 2	< 2	< 2	
	02/13/00		6.6	7.83	19.6	2,050	< 1	< 1	< 1	
	08/21/00	(a)	6.7	7.41	21.6	1,720	< 0.5	< 0.5	< 0.5	< 1
	02/17/01		-	-	-	-	< 0.500	< 0.500	< 0.500	< 0.10
	08/15/01		6.0	7.20	20.3	1,932	< 1	< 1	< 1	< 2
	02/27/02		6.3	7.38	21.6	2,020	< 1	< 1	< 1	< 1
	08/01/02		7.9	6.87	23.5	1,700	< 0.50	< 0.50	< 0.50	< 0.50
	02/13/03		6.1	7.41	22.3	1,960	< 0.50	< 0.50	< 0.50	< 0.50
	08/05/03		5.0	7.47	22.7	1,660	< 0.50	< 0.50	< 0.50	< 0.50
	05/24/04		5.1	7.46	21.9	1,780	< 0.50	< 0.50	< 0.50	< 0.50
	11/09/04*		5.8	7.14	20.2	1,775	< 0.50	< 0.50	< 0.50	< 0.50
	04/11/05		-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50
	12/01/05		5.8	7.46	19.5	1,456	< 0.50	< 0.50	< 0.50	< 0.50

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)				
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes	
NMWQCC Standard		none	6-9	none	none	10	750	750	620	
MW-12	11/17/94	-	-	-	-	< 0.5	1.9	< 0.5	3.1	
	11/21/95	-	6.97	19.2	3,260	< 2	< 2	< 2	< 2	
	02/22/96	-	6.71	22.6	3,400	< 2	< 2	< 2	< 2	
	05/14/96	-	-	-	-	< 2	< 2	< 2	< 2	
	08/12/96	-	6.70	26.8	3,430	< 2	< 2	< 2	< 3	
	11/12/96	6.0	7.06	19.3	-	< 2	< 2	< 2	< 2	
	02/05/97	7.0	7.23	15.8	3,900	< 2	< 2	< 2	< 2	
	08/05/97	4.9	6.85	21.8	3,880	< 2	< 2	< 2	< 2	
	02/24/98	6.0	7.06	20.1	3,570	< 5	< 5	< 5	< 5	
	08/05/98	5.6	6.96	22.1	3,830	< 1	< 1	< 1	< 1	
	02/12/99	-	-	-	-	< 1	< 1	< 1	< 1	
	08/11/99	6.7	7.13	20.7	3,770	< 2	< 2	< 2	< 2	
	02/13/00	5.4	7.10	20.1	3,780	< 1	< 1	< 1	< 1	
	08/21/00	(a)	6.7	7.06	21.1	3,350	< 0.5	0.5	0.8	1.1
	02/17/01	-	-	-	-	< 0.500	< 0.500	< 0.500	< 0.10	
	08/15/01	4.5	7.23	20.7	3,690	< 1	< 1	< 1	< 2	
	02/27/02	4.6	7.01	22.4	4,030	< 1	< 1	< 1	< 1	
	08/01/02	4.3	6.84	21.4	3,580	< 0.50	< 0.50	< 0.50	< 0.50	
	02/13/03	4.3	7.04	22.8	3,930	< 0.50	< 0.50	< 0.50	< 0.50	
	08/05/03	4.1	7.05	23.4	3,380	< 0.50	< 0.50	< 0.50	< 0.50	
	05/24/04	4.1	7.09	22.1	3,540	< 0.50	< 0.50	< 0.50	< 0.50	
	11/09/04*	4.2	6.90	20.4	3,547	< 0.50	< 0.50	< 0.50	< 0.50	
	04/11/05	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	
	12/01/05	3.5	7.09	19.7	3,000	< 0.50	< 0.50	< 0.50	< 0.50	

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
MW-13	12/01/94	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.5
	11/21/95	-	7.63	20.3	1,530	< 2	< 2	< 2	< 2
	02/22/96	-	7.18	24.1	1,880	< 2	< 2	< 2	< 2
	05/14/96	-	-	-	-	< 2	3	< 2	7
	08/12/96	-	7.02	26.7	1,980	< 2	< 2	< 2	< 3
	11/11/96	4.0	7.18	18.8	-	< 2	< 2	< 2	< 2
	02/05/97	7	7.65	17.7	1,900	< 2	< 2	< 2	< 2
	08/05/97	5.2	7.38	21.1	1,830	< 2	< 2	< 2	< 2
	02/24/98	4.5	7.27	19.5	1,703	< 5	< 5	< 5	< 5
	08/05/98	5.5	7.28	20.30	1,840	< 1	< 1	< 1	< 1
	02/12/99	-	-	-	-	< 1	< 1	< 1	< 1
	08/11/99	6.5	7.42	20.6	1,700	< 2	< 2	< 2	< 2
	02/13/00	5.2	7.37	19.3	1,753	< 1	< 1	< 1	< 1
	08/21/00 (a)	6.4	7.57	21.1	1,640	0.4	0.5	2.3	2.9
	02/17/01	-	-	-	-	< 0.500	< 0.500	< 0.500	< 0.10
	08/15/01	4.2	7.42	20.6	1,646	< 1	< 1	< 1	< 2
	02/27/02	4.1	7.33	21.7	1,804	< 1	< 1	< 1	< 1
	08/01/02	4.5	6.90	20.7	1,600	< 0.50	< 0.50	< 0.50	< 0.50
	02/13/03	4.2	7.37	22.3	1,803	< 0.50	< 0.50	< 0.50	< 0.50
	08/05/03	4.6	7.42	22.5	1,620	< 0.50	< 0.50	< 0.50	< 0.50
	05/24/04	4.4	7.43	22.0	1,800	< 0.50	< 0.50	< 0.50	< 0.50
	11/09/04*	4.8	7.11	20.0	1,979	< 0.50	< 0.50	< 0.50	< 0.50
	04/11/05	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50
	12/01/05	3.6	7.26	18.8	1,928	< 0.50	< 0.50	< 0.50	< 0.50

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
SVE-13	02/13/00	-	-	-	-	1,300	1,800	270	1,900
	06/20/00	-	-	-	-	1,600	2,300	170	2,100
@ 1 well vol	08/21/00 (a)	-	-	-	-	110	140	91	390
	08/21/00 (a)	-	-	-	-	240	370	110	1,000
@ 1 well vol	02/18/01	-	-	-	-	968	789	93.2	831
	02/18/01	-	-	-	-	1,170	1,110	124	1,240
(Dup MW-17)	02/18/01	-	-	-	-	860	613	96.2	864
	08/15/01	-	-	-	-	773	60.1	73.1	520.3
	02/28/02	-	-	-	-	614	< 50	< 50	1,670
(Dup MW-24)	02/28/02	-	-	-	-	686	604	619	1,670
	08/01/02	-	-	-	-	720	< 10	74	220
	02/13/03	-	-	-	-	760	< 10	120	300
	08/05/03	-	-	-	-	1,100	< 10	93	250
	05/24/04	-	-	-	-	620	21	73	230
	11/09/04*	-	-	-	-	920	< 20	150	260
	04/11/05	-	-	-	-	800	4.8	120	160
	12/01/05	-	-	-	-	590	9.5	110	150

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
SVE-14	09/08/99	1.2	6.89	22.0	2,460	1,600	1,200	360	1,300
	11/18/99	-	-	-	-	1,400	560	400	970
	02/13/00	-	-	-	-	3,000	4,200	510	3,000
	06/20/00	-	-	-	-	1,600	2,300	330	2,400
@ 1 well vol	08/21/00	(a)	-	-	-	1,600	1,900	440	2,430
	08/21/00	(a)	5.6	7.25	22.8	2,100	2,900	380	2,620
@ 1 well vol	02/18/01	-	-	-	-	819	1,130	297	1,900
	02/18/01	-	-	-	-	3,740	5,910	344	3,880
(Dup MW-18)	02/18/01	-	-	-	-	2,150	3,290	445	2,910
	08/15/01	-	-	-	-	369	1,520	632	6,440
	08/01/02	-	-	-	-	3,000	2,900	380	4,100
	05/24/04	-	-	-	-	260	340	260	1,800

NOTES:

- (a) Trip Blank contained low concentrations of BTEX constituents.
- (b) No sample collected due to insufficient volume of water in well.
- (c) @ 1 well vol - Sample collected after purging 1 casing volume. All other samples were collected after purging 3 casing volumes.
- (d) Dup MW-17 - Blind duplicate sample collected and labeled as MW-17.

**Table 4. Summary of SVE Vapor Concentration Monitoring
TW WT-1 Compressor Station Dehy Area**

SVE Well	Date	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ug/L)	(ppmv) ^(c)	(%)									
Combined Flow													
(Core Lab)	02/10/97		6,240										
	03/20/97	6,600	1,639	0.0	2.7	29.3	32.1	23.2	9.2	3.0	0.4	0.1	0.0
(Core Lab)	03/20/97		1,740										
	08/06/97	5,000	1,242	0.3	4.0	21.2	34.8	25.3	10.2	3.5	0.7	0.0	0.0
	12/30/97	7,300	1,813	0.0	2.4	13.6	35.0	29.0	16.9	2.6	0.4	0.1	0.0
	08/05/98	6,500	1,615	0.0	1.3	15.4	32.2	30.5	13.7	5.2	1.3	0.4	0.0
	08/12/98	5,300	1,317	0.0	1.5	8.9	30.9	30.5	22.5	4.7	0.9	0.1	0.0
(dup)	08/12/98	5,000	1,242	0.1	1.5	8.8	31.8	32.9	18.0	5.0	1.4	0.4	0.1
	04/13/99	6,800	1,689	0.0	1.2	8.0	28.5	32.7	23.6	3.9	1.8	0.3	0.0
	12/07/99	4,800	1,192	0.1	6.2	17.6	31.8	28.8	10.0	4.2	0.9	0.2	0.2
(dup)	12/07/99	4,900	1,217	0.1	6.2	17.5	32.3	28.6	9.7	4.2	1.1	0.3	0.0
	05/22/00(d)	3,700	919	0.0	3.8	13.4	35.0	28.7	12.4	4.7	0.8	0.6	0.6
(dup)	05/22/00(d)	6,300	1,565	0.0	3.2	12.1	34.1	31.5	11.4	5.4	1.6	0.6	0.1
	06/15/00(d)	3,000	745	0.1	3.9	16.6	37.7	29.8	8.6	2.1	0.6	0.1	0.5
(dup)	06/15/00(d)	3,700	919	0.1	3.3	15.4	32.6	29.8	10.9	5.8	1.6	0.4	0.1
	08/21/00(d)	3,900	969	0.0	2.9	12.2	28.7	30.0	15.4	7.9	2.4	0.5	0.0
	06/10/02(d)	3,630	902	0.0	1.3	8.3	27.1	30.8	24.6	4.8	2.6	0.5	0.0
(dup)	06/10/02(d)	3,440	854	0.0	1.4	8.4	27.9	31.6	24.3	4.2	2.1	0.1	0.0
	08/09/02(d)	551	137	0.0	4.3	18.9	31.5	23.8	10.3	3.5	2.2	2.9	2.6
(dup)	08/09/02(d)	543	135	0.0	4.6	20.6	34.0	25.1	10.3	3.2	1.5	0.3	0.4
	05/02/03(d)	3,450	857	0.3	3.3	14.6	29.3	19.8	24.4	5.4	2.8	0.1	0.0
(dup)	05/02/03(d)	2,740	681	0.3	3.4	15.3	30.3	20.0	23.4	4.8	2.4	0.1	0.0
	07/25/03(d)	665	165	0.0	2.8	17.2	28.3	34.4	15.4	1.7	0.2	0.0	0.0
(dup)	07/25/03(d)	1,550	385	0.0	2.0	11.7	23.6	36.4	21.1	4.2	1.0	0.0	0.0
	08/21/03(d)	2,590	643	0.0	4.7	20.1	16.0	26.0	25.8	6.1	1.2	0.1	0.0
	04/20/04(d)	2,750	683	0.5	3.4	13.8	21.4	38.3	15.7	5.9	0.9	0.1	0.0
(dup)	04/20/04(d)	2,740	681	0.6	3.7	15.1	23.6	31.3	17.7	6.5	1.1	0.3	0.1
	08/30/04(d)	2,590	643	2.7	5.2	15.9	29.3	24.5	15.3	5.9	1.2	0.0	0.0
(dup)	08/30/04(d)	2,110	524	0.7	3.1	13.2	29.8	27.1	17.5	6.7	1.5	0.3	0.1
	08/08/05(d)	2,060	512	0.8	2.8	11.8	25.3	27.7	20.3	7.5	2.8	1.0	0.0
(dup)	08/08/05(d)	2,440	606	0.8	2.6	11.2	26.1	28.8	21.8	6.3	2.0	0.4	0.0
	11/14/05(d)	1,620	402	0.8	3.6	10.9	30.8	27.0	16.1	7.5	2.9	0.4	0.0
(dup)	11/14/05(d)	1,830	455	0.7	3.2	10.0	29.4	27.4	17.3	8.1	3.2	0.7	0.0

Notes:
(a) All air samples analyzed by Hall Laboratory of Albuquerque, NM
(b) PID = Photoionization detector
(c) Conversion Factor:
P = 0.88 atm, MW = 110 g/mole, R = 0.08205 L*atm/(K*mole), T = 293oK
C ppmv = C ug/L * ((R * T)/(MW*P))
C ppmv = C ug/L * 0.2484
(d) Total Flow analysis included wells SVE-11, 12, 13, 14 & MW-10

**Table 5. Summary of Completion Details for Soil Borings Completed as Wells
TWP WT-1 Compressor Station Dehy Area**

Well	Source ^a	Date of Completion	Measuring Point Elevation (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-9	Eades Drlg/DBS	11/18/94	3557.31 (b)	-1209.40	-1254.20	60.5	na	Flush Mount	2	44-59	40.5
MW-10	Eades Drlg/DBS	11/17/94	3553.45 (b)	-986.60	-1342.10	62.5	63.57	Flush Mount	2	47.5-62.5	43.5
MW-11	Eades Drlg/DBS	11/21/94	3547.84 (b)	-864.70	-1562.50	65.0	59.78	Flush Mount	2	45-60	38.5
MW-12	Eades Drlg/DBS	11/16/94	3551.19 (b)	-818.40	-1192.90	60.0	60.11	Flush Mount	2	45-60	42.3
MW-13	Eades Drlg/DBS	11/16/94	3547.78 (b)	-708.90	-1359.20	58.0	57.52	Flush Mount	2	43-58	39.5
SVE-1	Eades Drlg/DBS	10/04/95	3551.22 (d)	-903.90	-1406.60	55.0	54.49	Flush Mount	2	35-55	32.9
SVE-2	Eades Drlg/DBS	10/05/95	3551.96 (d)	-901.70	-1325.80	53.0	52.75	Flush Mount	2	33-53	30.8
SVE-3	Eades Drlg/DBS	10/05/95	3552.75 (d)	-888.70	-1245.80	55.0	55.30	Flush Mount	2	35-55	32.6
SVE-4	Eades Drlg/DBS	10/04/95	3553.03 (c)	-989.20	-1359.10	55.0	na	Flush Mount	2	30-55	27.9
SVE-5	Eades Drlg/DBS	10/04/95	3554.39 (d)	-986.40	-1275.10	52.7	52.11	Flush Mount	2	32.7-52.7	30.0
SVE-6	Eades Drlg/DBS	10/05/95	3553.74 (d)	-984.10	-1198.40	55.0	54.29	Flush Mount	2	35-55	32.8
SVE-7	Eades Drlg/DBS	10/04/95	3553.81 (d)	-1071.00	1402.50	58.0	57.68	Flush Mount	2	33-58	31.8
SVE-8	Eades Drlg/DBS	10/05/95	3555.25 (d)	-1072.80	-1314.70	56.5	56.76	Flush Mount	2	36.5-56.5	34.8
SVE-9	Eades Drlg/DBS	10/05/95	3555.36 (d)	-1073.10	-1249.20	56.2	55.90	Flush Mount	2	36.2-56.2	34.2
SVE-10 (e)	GPI/CES	05/25/99	3554.40 (d)	-989.58	-1359.42	66.6	64.46	Flush Mount	4	47.5-62.5	42.7
SVE-11	GPI/CES	05/14/99	3555.33 (d)	-986.39	-1269.94	63.4	63.93	Flush Mount	4	47.5-62.5	44.5
SVE-12	GPI/CES	05/14/99	3555.64 (d)	-985.74	-1307.78	63.5	63.55	Flush Mount	4	47.5-62.5	42.7
SVE-13	GPI/CES	05/10/99	3554.11 (d)	-954.94	-1314.42	64.8	63.21	Flush Mount	4	47.5-62.5	42.3
SVE-14	GPI/CES	05/14/99	3554.83 (d)	-960.46	-1248.58	63.4	63.97	Flush Mount	4	47.5-62.5	43.5

NOTES:

- (a) Driller/Consultant
- (b) Survey by John West Engineering on 11/94
- (c) Survey by John West Engineering on 2/96
- (d) Survey by Cypress Engineering on 8/99
- (e) SVE-10 is an overdrill of SVE-4
- na - Information not available

**Table 6. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
TW WT-1 Compressor Station Dehy Area**

Well ID	Analytical Requirements		Benzene (ppb) Latest Result	Comments
	1st Semiannual Event	2nd Semiannual Event		
MW-9	BTEX	BTEX	< 0.5	
MW-10	BTEX	BTEX	na	contains PSH
MW-11	BTEX	BTEX	< 0.5	clean downgradient well
MW-12	BTEX	BTEX	< 0.5	clean downgradient well
MW-13	BTEX	BTEX	< 0.5	clean downgradient well
SVE-13	BTEX	BTEX	590	
SVE-14	BTEX	BTEX	260	contains PSH intermittently
Notes: 1) na - not available 2) BTEX - BTEX Compounds by EPA Method 8021B				



Cypress Engineering

7171 Highway 6 North, Suite 102
Houston, Texas 77095-2422

(281) 797-3420 office
(281) 859-1881 fax

February 1, 2006

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

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**Oil Conservation Division
Environmental Bureau**

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

Dear Roger,

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 (713) 345-1537 or Larry Campbell at (505) 625-8022.

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment: Larry Campbell
Larry Johnson

Transwestern Pipeline Company
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**

**Submitted to:
New Mexico Oil Conservation Division**

February 1, 2006

**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**

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1. Groundwater Monitoring Activities

1.1 Semi-Annual Groundwater Sampling Events

Two semi-annual groundwater-sampling events have been completed since the last report of remediation activities. These events were completed on April 12, 2005 and December 2, 2005.

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 December 2, 2005 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-2, RW-1, RW-2, RW-3, and RW-8, and the absence of a measurable thickness of PSH in all other wells. The thickness of accumulated PSH in monitor well MW-2 could not be measured during the last six sampling events due to the water table dropping below the total depth of the well.

1.2.3 *Condition of Affected Groundwater*

The condition of affected groundwater, based on the recent sampling events, has not changed significantly from previous sampling events as evidenced by the information presented in Table 4 and Table 6. The primary constituents of concern are benzene, 1,1-dichloroethane, and trichloroethene. Distribution maps for BTEX, selected VOCs, and selected inorganic constituents are included as Figure 4, Figure 5, and Figure 6, respectively.

2. Status of Remediation Activities

2.1 Remediation Activities Completed through December 2005

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

- 1) Two groundwater-sampling events were completed.

2.2 Remediation Activities Planned for January 2006 through December 2006

Semiannual groundwater sampling will continue.

3. Proposed Modifications

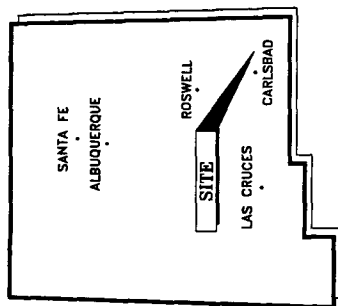
3.1 Modifications to the Routine Groundwater Sampling Plan

Sampling location, frequency and the sampling analysis plan will continue on a semiannual basis. A summary of the sample analysis plan is presented in Table 8.

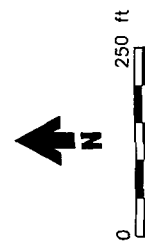
3.2 Reporting Frequency

Annual reporting will continue with the next scheduled report being submitted to the OCD by February 28, 2007.

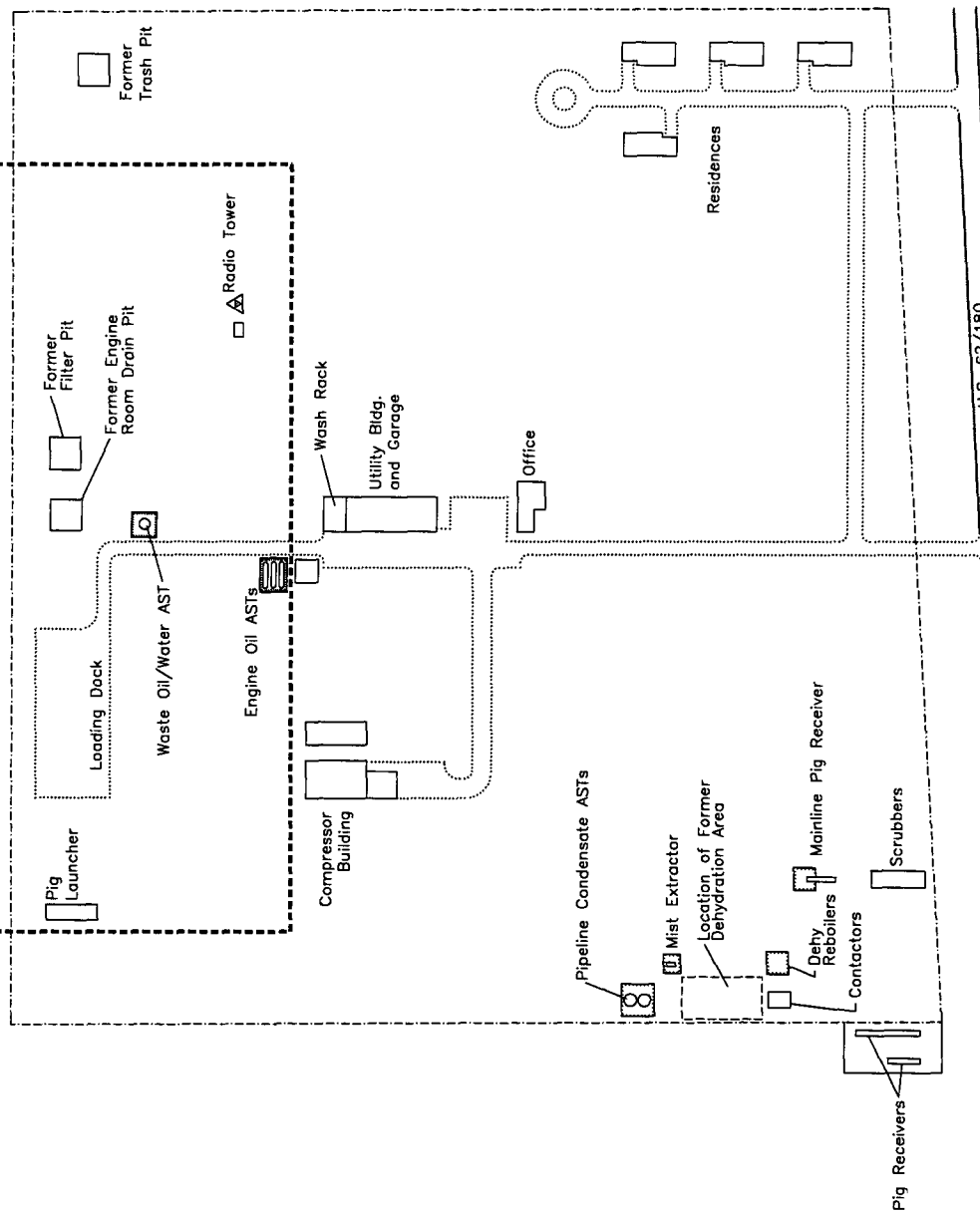
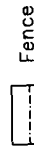
FORMER ENGINE ROOM DRAIN AND
FILTER PIT REMEDIATION AREA



STATE OF NEW MEXICO



Explanation



U.S. 62/180

Carlsbad

Facility Site Map

WT-1 COMPRESSOR STATION
TRANSWESTERN PIPELINE COMPANY

CYPRESS ENGINEERING SERVICES, INC.

Figure 1

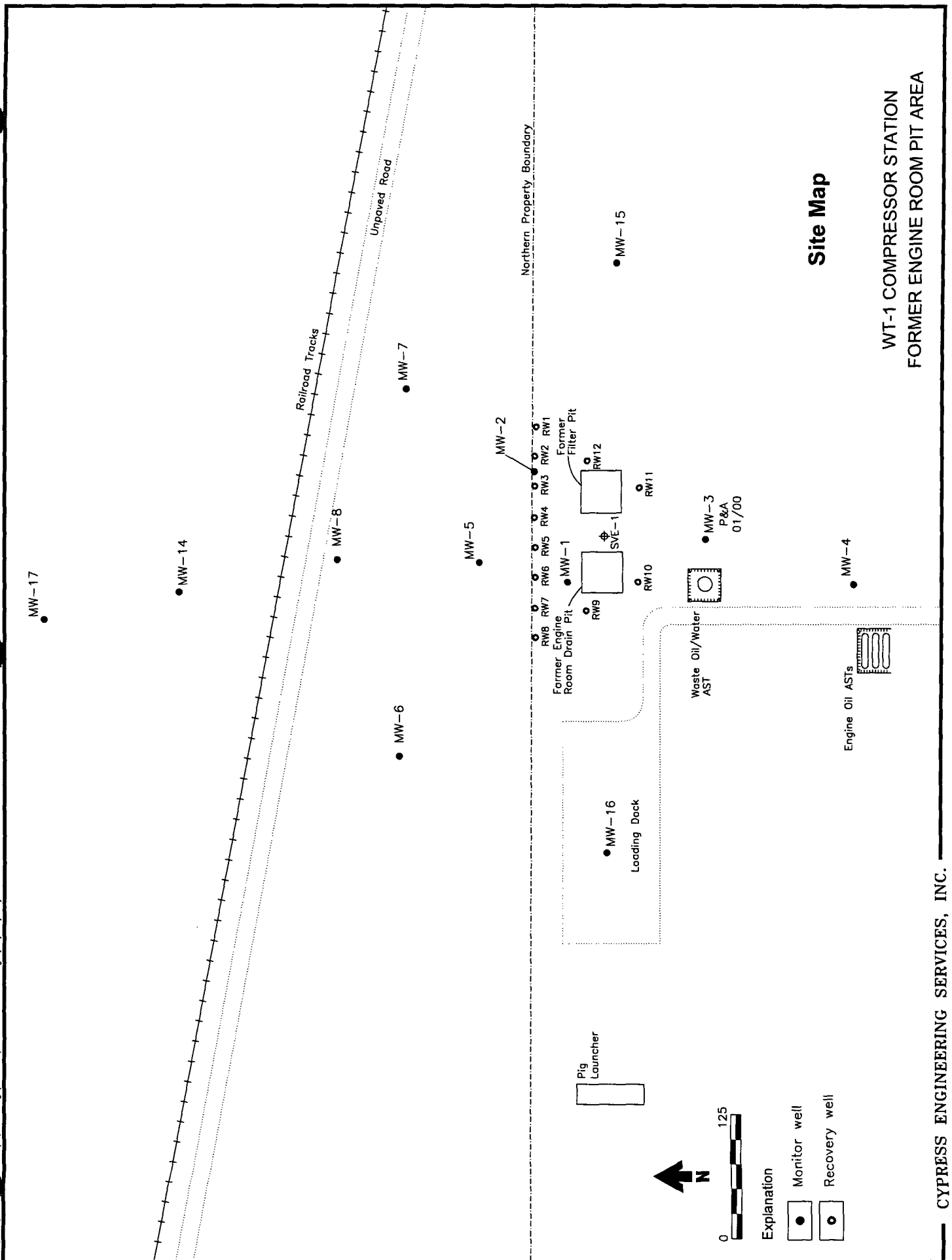


Figure 2

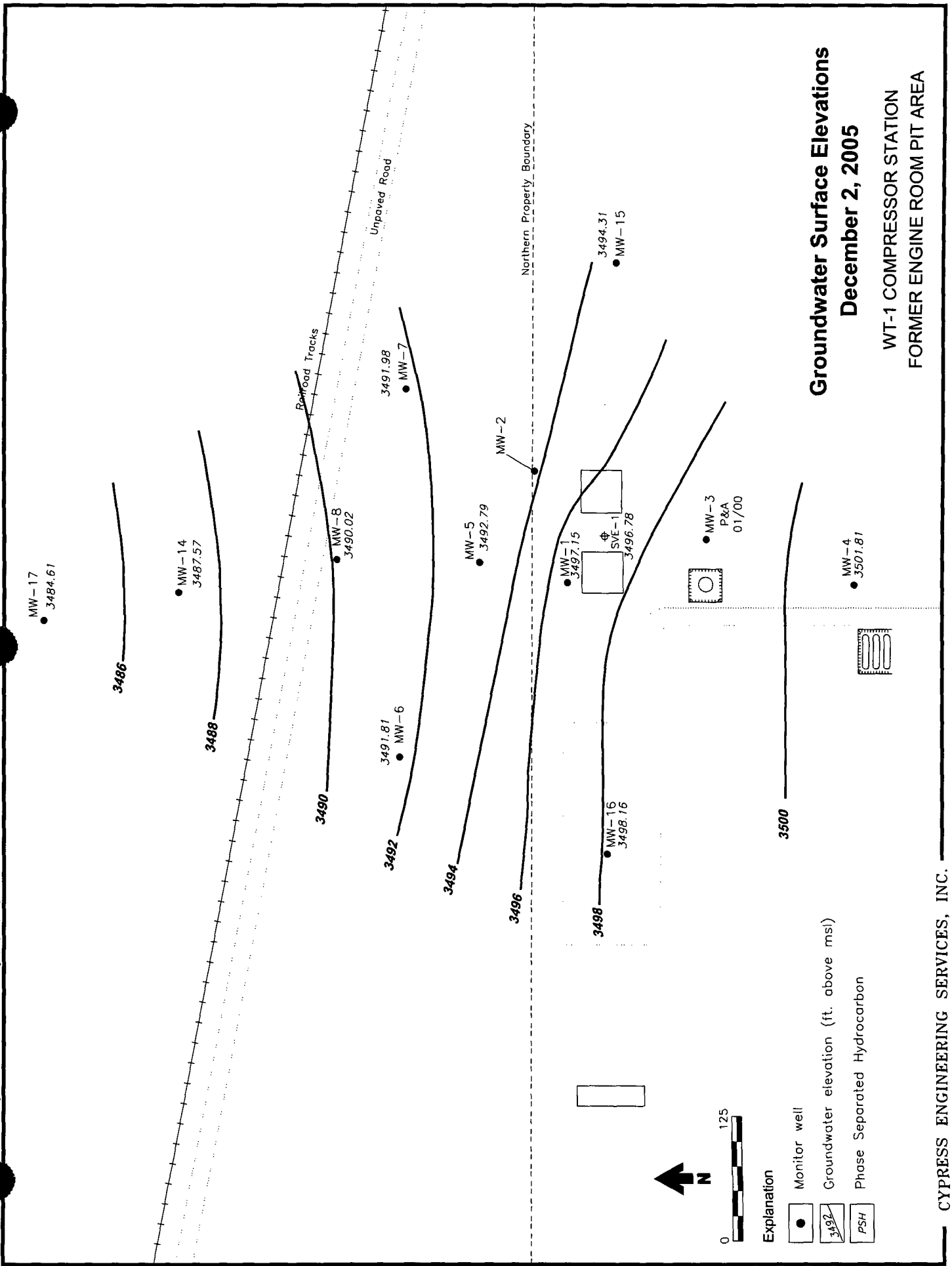


Figure 3

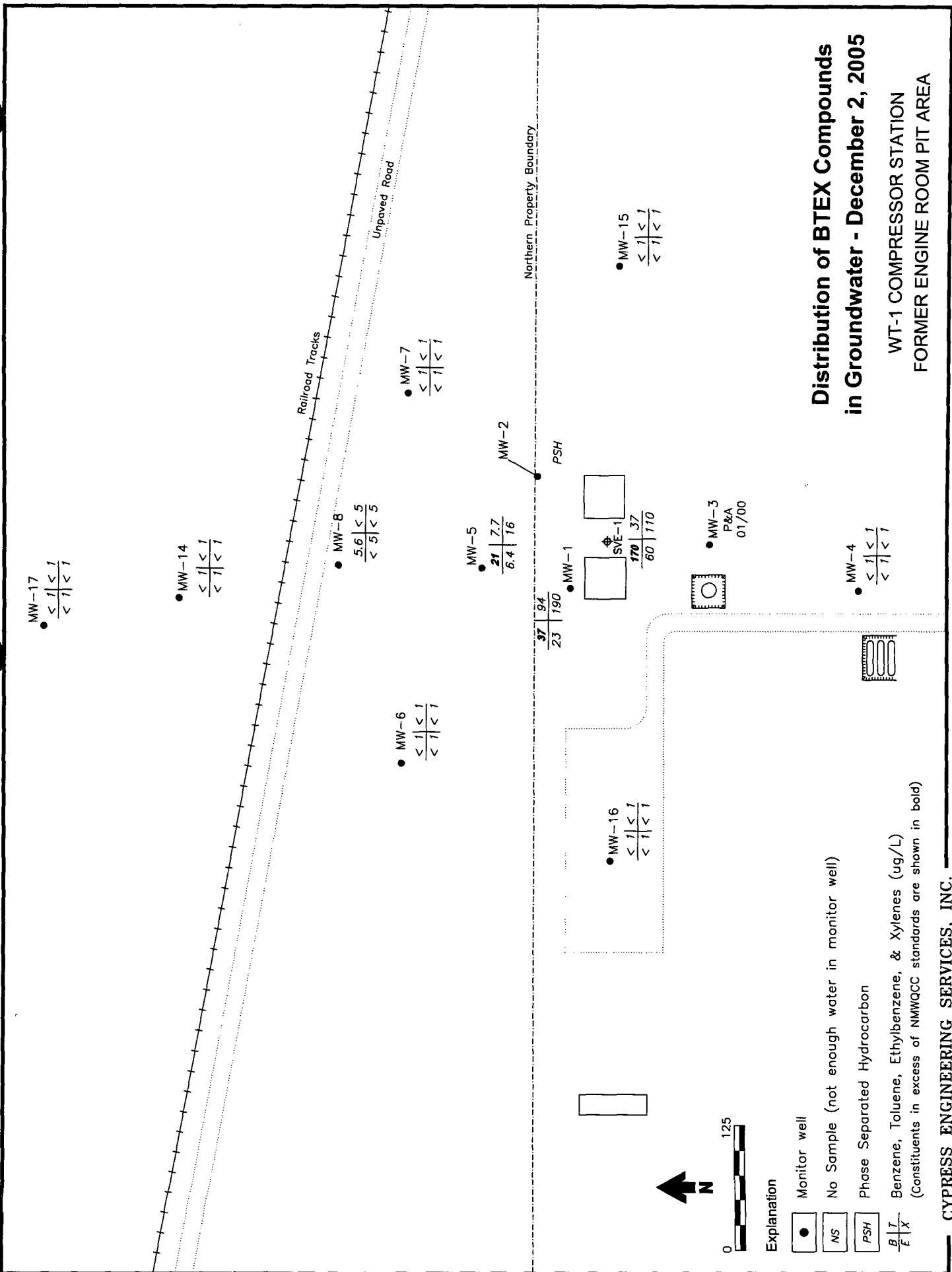


Figure 4

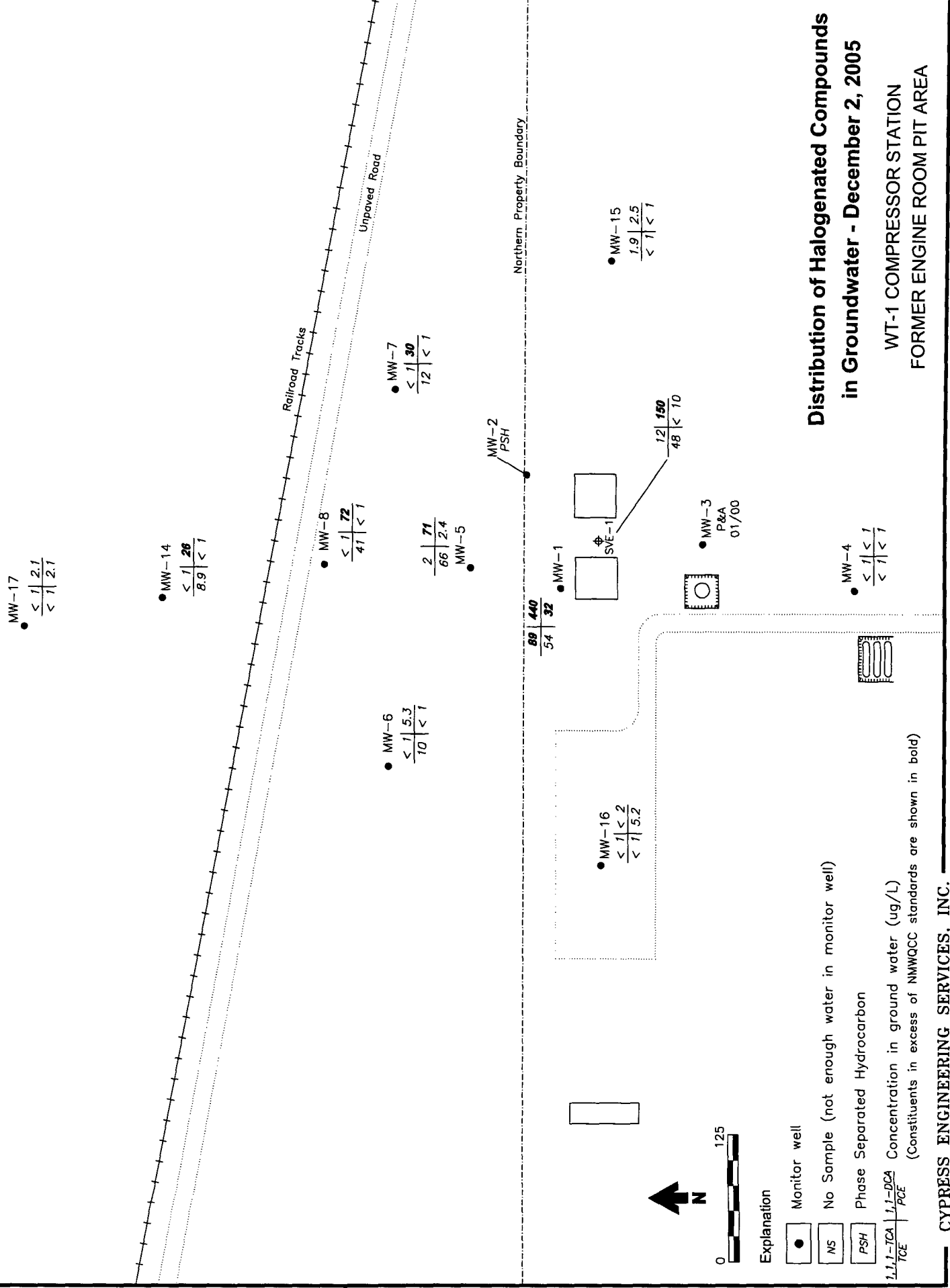


Figure 5

MW-17
● 2300 | 590
0.067 | 0.0022

● MW-14
2200 | 610
0.027 | 0.51

● MW-8
1700 | 460
0.077 | 0.95

● MW-6
2400 | 720
0.097 | 0.85

● MW-7
1800 | 350
0.034 | 0.090

● MW-5
1600 | 220
15 | 0.049

MW-2
PSH

1700 | 250
24 | 0.014

● MW-1

● MW-16
2700 | 560
<0.020 | 1.50

● MW-15
1800 | 290
0.021 | <0.002

● MW-3
P&A
01/00

● MW-4
1800 | 240
0.024 | 0.24



Explanation

● Monitor well

NS No Sample (not enough water in monitor well)

PSH Phase Separated Hydrocarbon

TDS | Chloride | Concentration in ground water (mg/L)
Barium | Manganese (Constituents in excess of NMWQCC standards are shown in bold)

Distribution of Inorganic Constituents in Groundwater - December 2, 2005

WT-1 COMPRESSOR STATION
FORMER ENGINE ROOM PIT AREA

CYPRESS ENGINEERING SERVICES, INC.

Figure 6

**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

**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	NA *	NA *
	08/04/03		(a)	dry	NA *	NA *
	05/25/04		(a)	dry	NA *	NA *
	11/09/04		(a)	dry	NA *	NA *
	04/11/05		(a)	dry	NA *	NA *
	12/01/05		(a)	dry	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

**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

**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

**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

**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

**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
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

**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
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

**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

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
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

**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
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

**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
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

**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
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

**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-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		---	---	---	---
	05/25/04		---	---	---	---
	11/09/04		---	---	---	---
	04/11/05		---	---	---	---
	12/01/05		---	---	---	---
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

**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-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
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
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						

**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 odor, 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
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
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	—	gray/black, 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

**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-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
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

**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-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
MW-14	11/12/96	--	7.07	19.9	--	--	mostly clear, slight 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

**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-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	5.89	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
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
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
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	—	gray/black, 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

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 ^u	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
	07/17/98	14	93	8	96	2400	100	11	<5	460	11	<5	<5	230	2100	8	<5	30	<10
Dup (MW-17)	01/27/99	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	
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

		BTEX (ug/L)				Other VOCs (ug/L)													
Well ID	Sampling Date	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

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

		BTEX (ug/L)				Other VOCs (ug/L)													
Well ID	Sampling Date	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
Dup (BS-99)	05/10/97	24	35	9	38	<100	<100	22	<5	140	<5	<5	120	<50	210	<5	<5	86	<10
	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
	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
Dup (MW-17)	07/17/98	21	10	5	17	<100	<20	16	<5	110	<5	6	100	<5	47	<5	<5	91	<10
	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
	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
Dup (MW-19)	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
	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
Dup (MW-19)	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
	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

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
NMWWCC Standard		10	750	750	620	none	none	none	100.0	25.0	10.0	5	none	none	none	20	60	100	1
	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
	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

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	< 1	2.02	8.28	< 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	< 1.0	4.6	< 3.0	< 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	< 1.0	4.2	< 3.0	< 10	< 1.0	10	< 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
NMWWQCC 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	<0.2	<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	<10	<10	<5	22	<5	<5	na	<5	<50	<5	<5	13	<10
	11/12/96	9	<5	<5	<5	<100	<10	<10	<5	22	24	<5	na	<5	<50	<5	<5	18	<10
	02/04/97	8	<5	<5	<5	<100	<10	<10	<5	18	<5	<5	7	<50	<50	<5	<5	15	<10
	05/10/97	6	<5	<5	<5	<100	<10	<10	<5	16	<5	<5	<5	<50	<50	<5	<5	13	<10
	08/07/97	9	<5	<5	<5	<100	<10	<10	<5	22	<5	<5	8	<5	<50	<5	<5	17	<10
	10/09/97	<5	<5	<5	<5	<100	<10	<10	<5	20	<5	<5	6	<5	<50	<5	<5	16	<10
	01/23/98	6	<5	<5	<5	<100	<10	<10	<5	21	<5	<5	6	<5	<10	<5	<5	13	<10
	04/17/98	6	<5	<5	<5	<100	<10	<10	<5	20	<5	<5	8	<5	<10	<5	<5	14	<10
	07/16/98	7	<5	<5	<5	<100	<10	<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	<1	<3	<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	<5.00	<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	<1.0	2.9	24	<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	<1.0	1.4	28	<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	<1.0	31	<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	<1.0	1.9	34	<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	<1.0	1.4	33	<10	<1.0	<1.0	12	<1.0	

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

		BTEX (ug/L)				Other VOCs (ug/L)													
Well ID	Sampling Date	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	< 100	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
Dup (MW-17)	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
	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
Dup (MW-17)	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
	07/17/98	20	< 5	< 5	< 5	< 100	< 20	< 10	< 5	88	< 5	< 5	31	< 5	< 10	< 5	< 5	52	< 10
Dup (MW-17)	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
	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
Dup (MW-17)	07/18/00	21	< 1	< 1	< 1	< 20	< 20	< 2	< 1	100	2	5	45	< 2	< 10	< 1	< 1	59	< 2
	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
	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
Dup (MW-18)	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
	08/05/03	22	< 2.0	< 2.0	< 2.0	< 20	< 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
Dup (MW-19)	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
	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
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	<1.0	<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	<1.0	<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	1.0	5.3	<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	<1.0	5.0	<10	<1.0	<1.0	8.9	<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 ^a	< 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
Dup (MW-17)	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
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	< 2.0	
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	

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	<10	<5	6	<5	<5	<5	na	<5	<50	6	<5	<5	<10
	11/12/96	<5	<5	<5	<5	<100	<10	<5	6	<5	<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	2	<1	<2	<10	13	<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	<1.00	<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
MW-17	08/01/02	<1.0	<1.0	<1.0	<1.0	<25	<50	<20	<1.0	2.9	<1.0	2.7	<1.0	<3.0	<15	9.6	<1.0	1.2	<20
	02/12/03	<1.0	<1.0	<1.0	<1.0	<25	<50	<20	<1.0	1.8	<1.0	1.8	<1.0	<3.0	<15	10	<1.0	<1.0	<20
	08/05/03	<1.0	<1.0	<1.0	<1.0	<10	<10	<20	<1.0	1.7	<1.0	1.8	<1.0	<3.0	<10	8.4	<1.0	<1.0	<20
	05/25/04	<1.0	<1.0	<1.0	<1.0	<10	<10	<20	<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	<20	<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	<20	<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	<20	<1.0	<2.0	<1.0	1.4	<1.0	<3.0	<10	5.2	<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
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	

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-Tetrachloroethane	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
	04/17/98	Naphthalene	24	5
	04/17/98	1,2,4-Trimethylbenzene	40	5
Dup(MW-17)	04/17/98	1,3,5-Trimethylbenzene	14	5
	04/17/98	2-Hexanone	26	10
	07/17/98	Naphthalene	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
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

**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	Naphthalene	14.4	2.00
	02/18/01	n-Propylbenzene	1.12	1.00
	02/18/01	1,2,4-Trimethylbenzene	16.7	1.00

**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	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-Methylnapthalene	5.8	4
	12/02/05	4-Isopropyltoluene	1.8	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

**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-Propylbenzene	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-Propylbenzene	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 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	0.13	na	na	na	na	na	na	na	na	na	na	na
	11/12/96	2370	165	< 50	na	na	na	na	na	na	0.12	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	0.13	20	< 0.01	< 0.01	< 0.01	0.25	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	na
											(Unfiltered metals analysis)											
	05/10/97	2840	162	< 5.0	< 0.05	na	na	na	na	na	0.15	22.5	< 0.01	< 0.01	< 0.01	10	< 0.03	< 0.0002	0.05	< 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	< 0.03
	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	0.46
	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	0.45
	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
	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
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)											
	05/10/97	2660	410	778	10.7	na	na	na	na	na	< 0.03	0.03	< 0.01	< 0.01	< 0.01	0.57	< 0.03	< 0.0002	0.03	< 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	< 0.04	< 0.01	< 0.03
	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	0.25
	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	0.4
	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	

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	< 0.01	0.21	< 0.03	< 0.0002	0.02	< 0.04	< 0.01
Dup (MW-17)	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	0.56	< 0.04	< 0.01	0.09
	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	< 0.03
	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
	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
Dup (MW-17)	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
	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

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
											< 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	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	na	< 0.05	< 0.01	na	na	na	0.103	na	< 0.0002	< 0.01	na	na	na
09/01/02	2700	740	490	< 2.0	na	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	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	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	na	< 0.020	0.097	na	na	na	0.99	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	
											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	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	na	< 0.05	0.0215	na	na	na	< 0.05	na	< 0.0002	0.0459	na	na	na
08/01/02	2000	380	650	na	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	na	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	na	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	na	5.2	na	na	na	na	na	< 0.020	0.034	na	na	na	0.31	na	na	0.090	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 ₃ /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	
Dup (MW-17)	05/10/97	1990	550	263	< 0.05	na	na	na	na	na	< 0.03	0.27	< 0.01	0.02	0.02	8.9	< 0.03	< 0.0002	0.72	< 0.04	< 0.01	0.05	
	08/07/97	2020	540	251	0.07	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	
	10/09/97	2100	570	242	< 0.05	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	
	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	0.86	< 0.04	< 0.01	0.25	
	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	0.543	< 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	
	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	
Dup (MW-17)	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	
	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	
Dup (MW-17)	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	
	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	
Dup (MW-18)	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	
	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	
Dup (MW-19)	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	
	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	
Dup (MW-20)	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	

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

		Major Ions (mg/L)										Metals (mg/L)											
Well ID	Sampling Date	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	
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	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	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	< 0.01	< 0.03	< 0.0002	0.06	< 0.04	< 0.01	< 0.03
											< 0.03	0.13	< 0.01	< 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	< 0.01	< 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	< 0.01	< 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	< 0.01	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	< 0.03	0.73	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	0.11	< 0.04	< 0.01	0.22
	04/17/98	2000	540	800	3.72	na	na	na	na	na	< 0.1	0.018	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.080	< 0.1	< 0.01	< 0.02
	07/17/98	1800	557	700	2.8	na	na	na	na	na	< 0.1	0.028	< 0.005	< 0.01	< 0.01	< 0.01	0.03	0.05	< 0.0002	0.119	< 0.1	< 0.01	0.02
	07/09/99	2400	530	640	2.7	na	na	na	na	na	0.011	0.021	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.136	0.010	< 0.01	0.02
	07/18/00	2310	570	690	2.1	na	na	na	na	na	< 0.010	0.0216	< 0.0020	< 0.0050	0.0025	< 0.010	< 0.010	< 0.025	< 0.00020	0.111	< 0.010	< 0.0030	< 0.010
	08/21/01	2900	593	597	0.817	na	na	na	na	na	< 0.010	0.0182	na	na	na	na	< 0.010	na	< 0.00020	0.105	na	na	na
	08/01/02	2300	510	580	1.2	na	na	na	na	na	< 0.05	0.0228	na	na	na	na	< 0.05	na	< 0.0002	0.173	na	na	na
08/05/03	2300	560	610	0.71	na	na	na	na	na	< 0.020	0.280	na	na	na	na	< 0.020	na	na	0.31	na	na	na	
MW15	11/10/04	2300	560	590	0.95	na	na	na	na	na	< 0.020	0.025	na	na	na	na	< 0.020	na	na	0.42	na	na	na
	12/02/05	2200	610	650	1.2	na	na	na	na	na	< 0.020	0.027	na	na	na	na	< 0.020	na	na	0.44	na	na	na
	09/14/95	2500	442	900	13.2	291	6.5	137	206	286	< 0.05	0.02	< 0.005	< 0.01	na	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	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	< 0.01	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
											< 0.03	0.17	< 0.01	< 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	< 0.01	< 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	< 0.01	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
	10/08/97	2400	420	941	5.8	na	na	na	na	na	< 0.03	0.53	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
	01/23/98	2150	400	766	12.54	na	na	na	na	na	< 0.03	0.63	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
	04/16/98	1700	420	1000	19.6	na	na	na	na	na	< 0.1	0.014	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	< 0.005	< 0.1	< 0.01	< 0.02
	07/17/98	1800	386	1000	11.9	na	na	na	na	na	< 0.1	0.012	< 0.005	< 0.01	< 0.01	< 0.01	0.06	< 0.05	< 0.0002	< 0.005	< 0.1	< 0.01	< 0.02
	07/08/99	2100	340	710	13.0	na	na	na	na	na	< 0.010	0.018	< 0.005	< 0.01	< 0.01	< 0.01	0.24	< 0.05	< 0.0002	< 0.005	< 0.1	< 0.01	< 0.02
	07/17/00	1970	350	730	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	
08/21/01	2290	368	736	4.96	na	na	na	na	na	< 0.010	0.0226	na	na	na	na	0.042	na	< 0.00020	0.002	na	na	na	
08/01/02	2000	340	740	12	na	na	na	na	na	< 0.05	0.0283	na	na	na	na	< 0.05	na	< 0.0002	< 0.01	na	na	na	
08/05/03	2000	320	730	11	na	na	na	na	na	0.043	0.045	na	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	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	na	0.020	na	na	< 0.002	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
MW-16	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
											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
MW-17	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
SVE-1A	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	1.50	na	na	na
	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
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

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-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
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

Table 7. (Page 1 of 2)

**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-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		1,1-DCA (ppb) Latest Result	Comments
	1st Semiannual Event	2nd Semiannual Event		
MW-1	VOC's	VOC's & Inorganics	250	
MW-2	na	na	na	Well contains PSH
MW-3	na	na	na	Well abandoned
MW-4	VOC's	VOC's & Inorganics	1.4	
MW-5	VOC's	VOC's & Inorganics	98	
MW-6	VOC's	VOC's & Inorganics	6.7	
MW-7	VOC's	VOC's & Inorganics	32	
MW-8	VOC's	VOC's & Inorganics	63	
MW-14	VOC's	VOC's & Inorganics	27	
MW-15	VOC's	VOC's & Inorganics	3.7	
MW-16	VOC's	VOC's & Inorganics	2.3	
MW-17	VOC's	VOC's & Inorganics	3	
SVE-1A	VOC's	VOC's & Inorganics	150	
Notes: 1) VOC's by 8260 2) Inorganics include TDS, Cl, NO2/NO3 as N, As, Ba, Fe & Mn 3) "Comments" are provided for wells that will not be sampled during one or more events				



Cypress Engineering

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(281) 797-3420 office
(281) 859-1881 fax

February 1, 2007

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

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Oil Conservation Division
Environmental Bureau

RE: Report of Groundwater Remediation Activities
Transwestern Pipeline Company - WT-1 Station Dehy Area
Lea County, New Mexico

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) 797-3421 or Larry Campbell at (505) 625-8022.

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment: Larry Campbell
Larry Johnson

Transwestern Pipeline Company
NMOCD Hobbs District Office

Report of Groundwater Remediation Activities

**Transwestern Pipeline Company
WT-1 Compressor Station Dehy Area
Lea County, New Mexico**

**Submitted to:
New Mexico Oil Conservation Division**

February 1, 2007

**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**

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1. Groundwater Monitoring Activities

1.1 Semi-Annual Groundwater Sampling Events

Two semi-annual groundwater-sampling events have been completed since the last report of remediation activities. These events were completed on May 10, 2006 and December 14, 2006.

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 SVE 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 benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B. A summary of the laboratory results and field-measured parameters is presented in Table 3. 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 December 14, 2006 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 presently defined by the occurrence of PSH at the water table in monitor well MW-10 and wells SVE-5, SVE-11, SVE-12, and SVE-14. Based on the information currently available, the volume and lateral extent of PSH in the area appears to be relatively limited. A figure indicating the estimated area with PSH present at the water table is included as Figure 4.

1.2.3 Condition of Affected Groundwater

The condition of affected groundwater has not changed significantly from previous sampling events as evidenced by the information presented in Table 3 and Figure 5. The three monitor wells downgradient of the release area continue to yield groundwater samples that are non-detect for BTEX constituents. Monitor well MW-9, located about 200 feet upgradient of the release area, also yielded samples that are non-detect for BTEX constituents.

2. Status of Remediation Activities

2.1 Remediation Activities Completed through December 2006

The following remediation activities were completed since the last report of remediation activities:

- 1) Two groundwater-sampling events were completed.
- 2) SVE system vapor samples were collected on September 18, 2006. A summary of the laboratory results is presented in Table 4.
- 3) Operation of the SVE system is limited to the warmer weather months. Condensed water collecting in the SVE conveyance lines during cold weather made the system ineffective, therefore, the system was shut-down in November 2006. The SVE system is scheduled to restart in April 2007.

2.2 Remediation Activities Planned for January 2007 through December 2007

Semi-annual groundwater sampling will continue and the SVE system is scheduled to operate from April 2007 through October 2007.

3. Proposed Modifications

3.1 Modifications to the Routine Groundwater Sampling Plan

Sampling location, frequency and the sampling analysis plan will continue on a semi-annual basis. A summary of the sample analysis plan is presented in Table 6.

3.2 Reporting Frequency

Annual reporting will continue with the next scheduled report being submitted to the OCD by February 28, 2008.

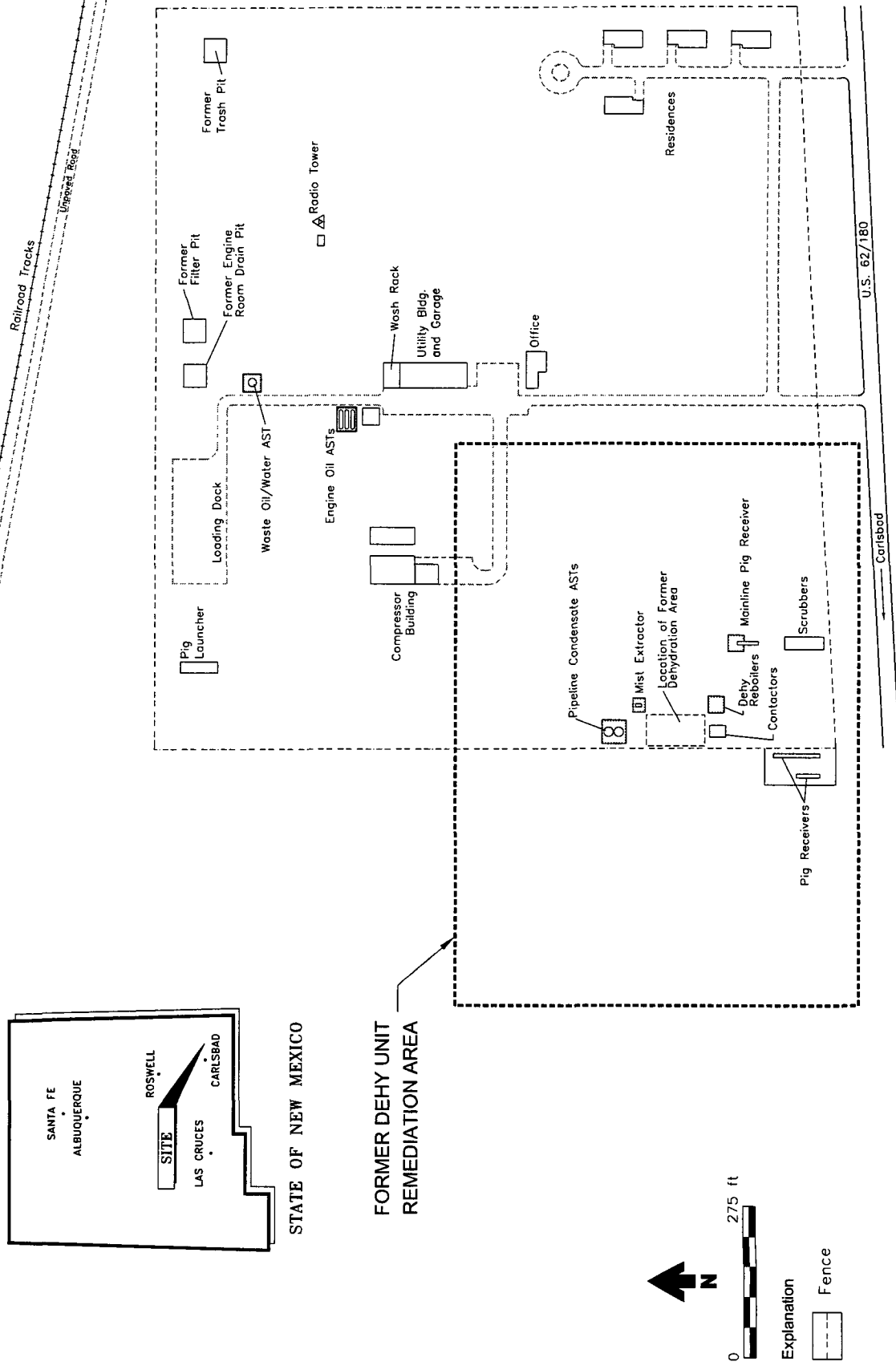


FIGURE 1

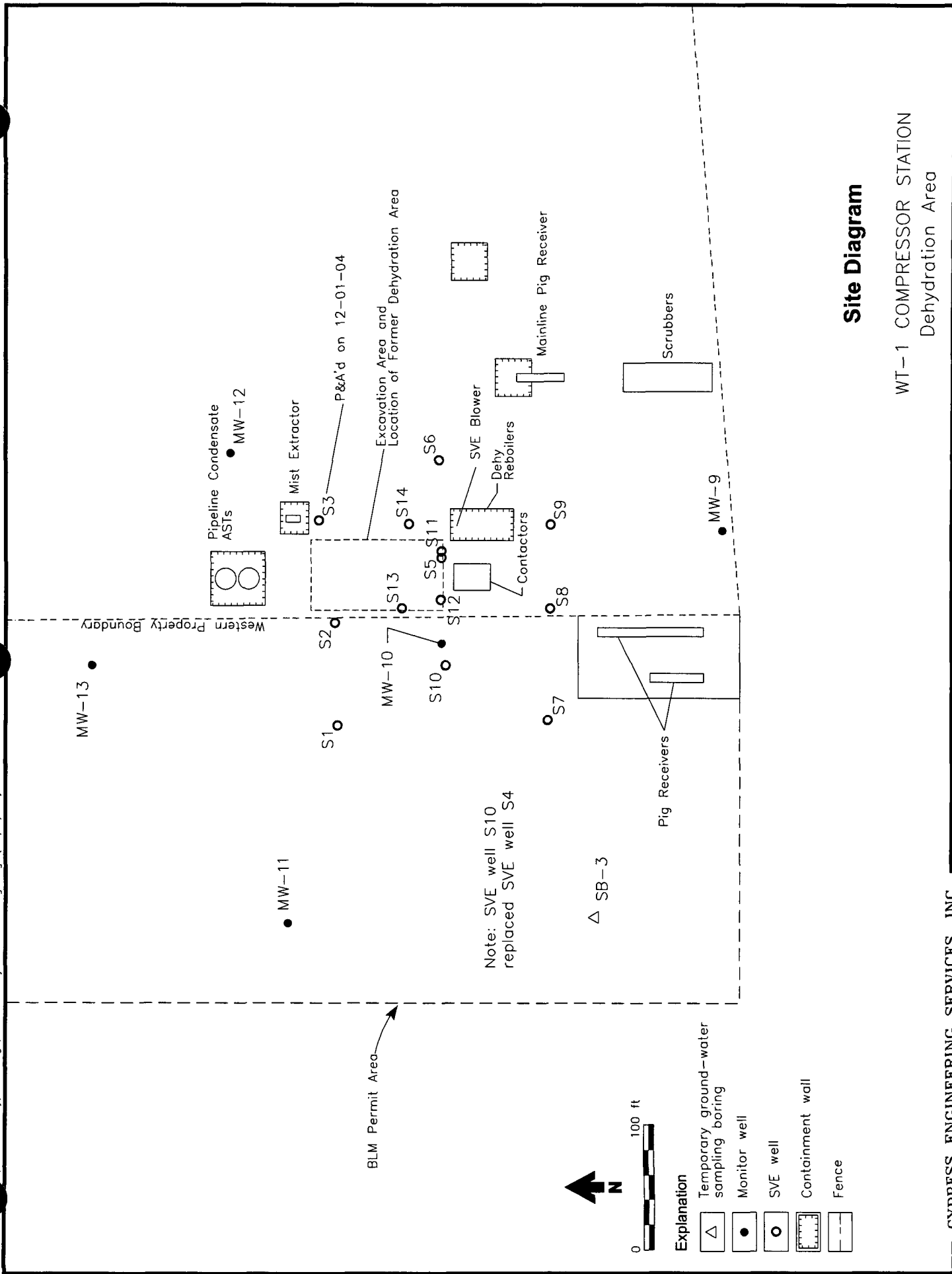


Figure 2

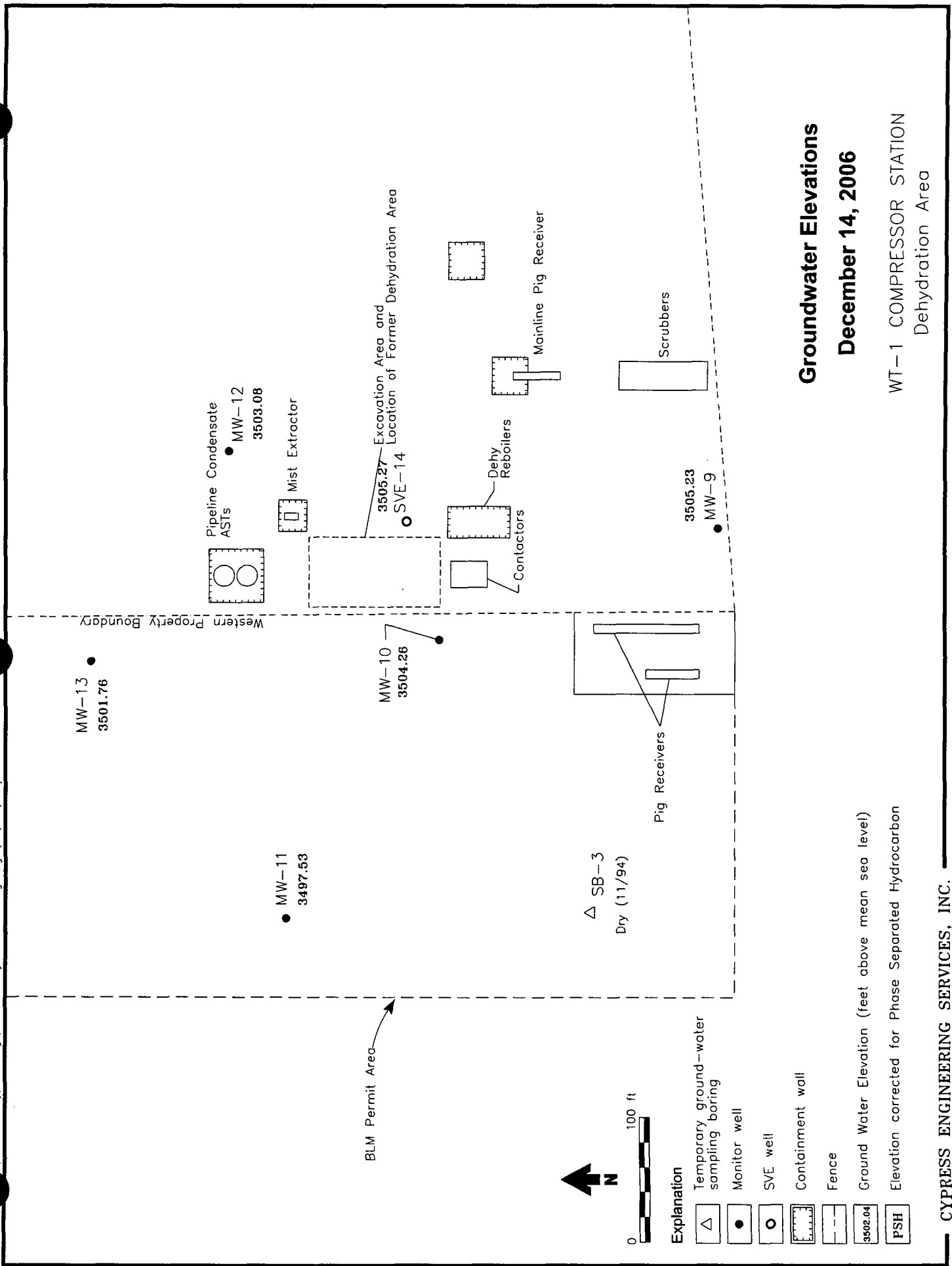


Figure 3

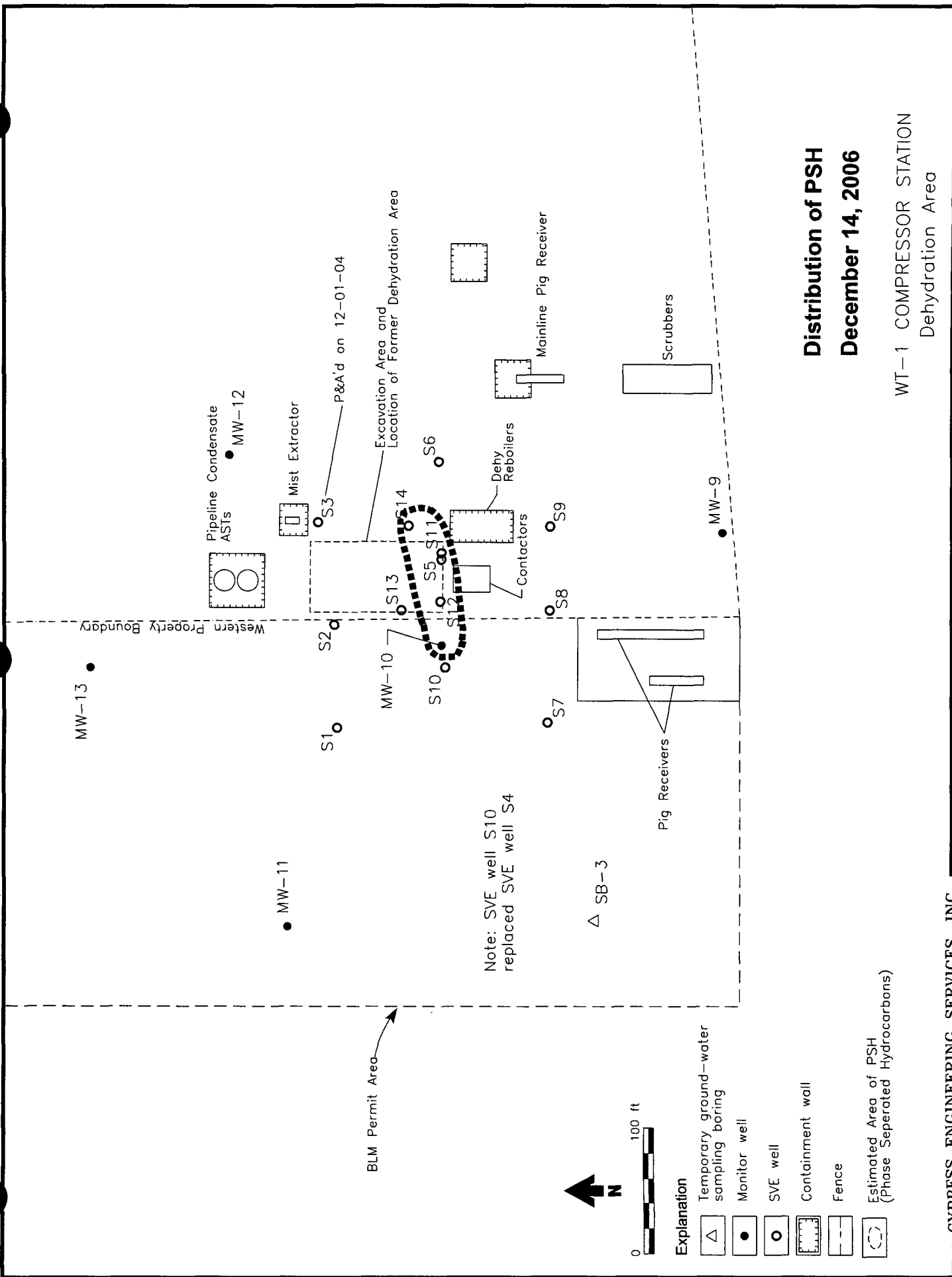
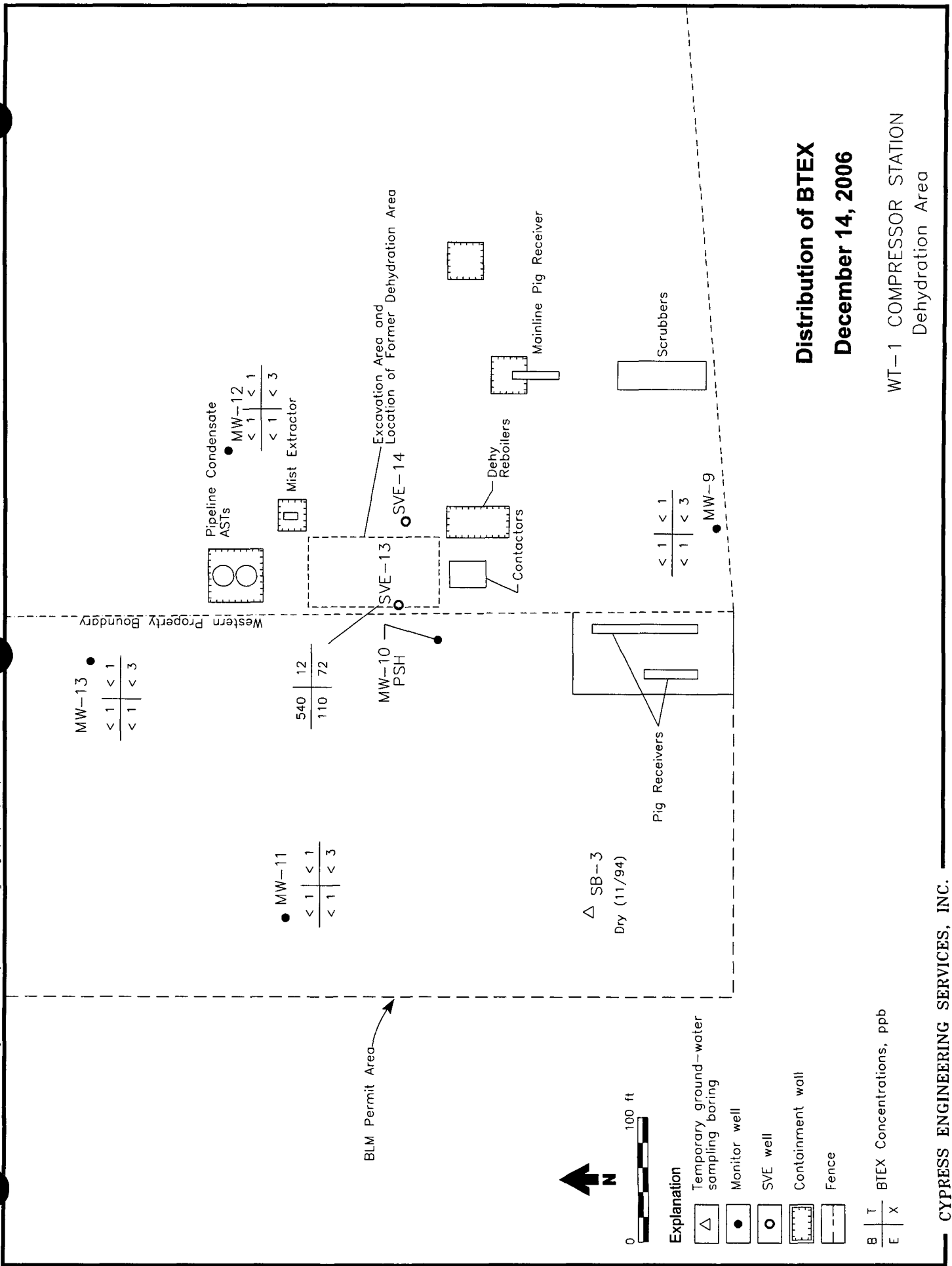


Figure 4



Distribution of BTEX

December 14, 2006

WT-1 COMPRESSOR STATION
Dehydration Area

B | T BTEX Concentrations, ppb
E | X

Figure 5

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-9	11/21/94	3557.31 (b)	(a)	55.14	(a)	3502.17
	11/21/95		(a)	55.67	(a)	3501.64
	02/22/96		(a)	55.27	(a)	3502.04
	05/14/96		(a)	55.18	(a)	3502.13
	08/12/96		(a)	55.53	(a)	3501.78
	11/12/96		(a)	55.25	(a)	3502.06
	02/05/97		(a)	55.20	(a)	3502.11
	08/05/97		(a)	55.25	(a)	3502.06
	12/29/97		(a)	55.19	(a)	3502.12
	02/23/98*		(a)	54.71	(a)	3502.60
	08/05/98*		(a)	54.72	(a)	3502.59
	08/27/98		(a)	54.64	(a)	3502.67
	02/11/99*		(a)	55.63	(a)	3501.68
	08/11/99*		(a)	55.15	(a)	3502.16
	02/13/00*		(a)	54.66	(a)	3502.65
	08/21/00*		(a)	54.82	(a)	3502.49
	02/17/01*		(a)	54.95	(a)	3502.36
	08/15/01		(a)	54.42	(a)	3502.89
	02/27/02*		(a)	54.40	(a)	3502.91
	07/31/02*		(a)	54.32	(a)	3502.99
	02/13/03*		(a)	54.47	(a)	3502.84
	08/04/03*		(a)	54.32	(a)	3502.99
	05/24/04*		(a)	54.52	(a)	3502.79
	11/09/04*		(a)	54.53	(a)	3502.78
	04/11/05*		(a)	53.80	(a)	3503.51
	12/01/05*		(a)	53.03	(a)	3504.28
	05/10/06*		(a)	52.64	(a)	3504.67
	12/14/06*		(a)	52.08	(a)	3505.23

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-10	11/18/94	3553.45 (b)	(a)	52.63	(a)	3500.82
	11/21/95		52.31	54.21	1.90	3500.76
	02/22/96		52.08	53.75	1.67	3501.04
	05/14/96		51.93	53.58	1.65	3501.19
	08/12/96		52.25	53.40	1.15	3500.97
	11/12/96		52.48	52.82	0.34	3500.90
	02/05/97		52.57	52.98	0.41	3500.80
	08/05/97		52.38	53.08	0.70	3500.93
	08/07/97		52.39	52.72	0.33	3500.99
	08/29/97		52.15	52.57	0.42	3501.22
	12/29/97		53.51	53.62	0.11	3499.92
	02/23/98*		(a)	53.42	(a)	3500.03
	08/27/98		(a)	51.65	(a)	3501.80
	02/11/99*		(a)	52.50	(a)	3500.95
	06/15/99		54.05	54.24	0.19	3499.36
	07/13/99		54.15	54.25	0.10	3499.28
	07/22/99		53.58	54.00	0.42	3499.79
	08/11/99*	3554.31 (c)	53.57	53.62	0.05	3500.73
	09/02/99		(a)	53.54	(a)	3499.91
	09/14/99		(a)	53.60	(a)	3499.85
	09/28/99		(a)	53.85	(a)	3499.60
	10/07/99		(a)	53.71	(a)	3499.74
	10/26/99		(a)	53.63	(a)	3499.82
	11/11/99		(a)	53.28	(a)	3500.17
	11/30/99		(a)	52.76	(a)	3500.69
	12/14/99		(a)	53.08	(a)	3500.37
	12/30/99		(a)	52.65	(a)	3500.80
	01/13/00		(a)	53.10	(a)	3500.35
	02/03/00		(a)	53.39	(a)	3500.06
	02/13/00*		(a)	52.81	(a)	3500.64
	03/06/00		(a)	53.18	(a)	3500.27
	04/20/00		(a)	55.19	(a)	3498.26
	05/11/00		(a)	54.14	(a)	3499.31
	05/25/00		53.66	53.98	0.32	3500.59
	06/08/00		(a)	58.24	(a)	3495.21
	06/22/00		(a)	54.35	(a)	3499.10
	07/13/00		(a)	53.82	(a)	3499.63
	07/27/00		(a)	53.48	(a)	3499.97
	08/03/00		(a)	53.10	(a)	3500.35
	08/21/00*		52.95	53.15	0.20	3501.32
	09/19/00		52.98	53.30	0.32	3501.27
	09/28/00		(a)	52.94	(a)	3500.51
	11/03/00		52.68	52.97	0.29	3501.57
	11/16/00		(a)	52.69	(a)	3500.76
	12/06/00		52.80	53.11	0.31	3501.45

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	01/25/01		52.51	52.96	0.45	3501.71
	02/17/01*		52.76	53.11	0.35	3501.48
	02/23/01		52.30	52.76	0.46	3501.92
	03/30/01		52.48	52.49	0.01	3501.83
	08/15/01		(a)	52.37	(a)	3501.08
	02/27/02*		52.22	52.32	0.10	3502.07
	07/31/02*		52.03	52.37	0.34	3502.21
	02/13/03*		52.09	52.41	0.32	3502.16
	08/04/03*		51.87	52.32	0.45	3502.35
	05/24/04*		51.87	52.52	0.65	3502.31
	11/09/04*		(a)	52.02	sheen	3501.43
	04/11/05*		51.66	52.22	0.56	3502.54
	12/01/05*		50.97	51.58	0.61	3503.22
	05/10/06*		50.33	51.04	0.71	3503.84
	12/14/06*		49.87	50.77	0.90	3504.26

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-11	11/21/94	3547.84 (b)	(a)	DRY	(a)	DRY
	11/21/95		(a)	58.10	(a)	3489.74
	02/22/96		(a)	56.70	(a)	3491.14
	05/14/96		(a)	57.33	(a)	3490.51
	08/12/96		(a)	56.96	(a)	3490.88
	11/12/96		(a)	56.66	(a)	3491.18
	02/05/97		(a)	57.09	(a)	3490.75
	08/05/97		(a)	54.93	(a)	3492.91
	12/29/97		(a)	54.53	(a)	3493.31
	02/23/98*		(a)	53.97	(a)	3493.87
	08/05/98*		(a)	54.37	(a)	3493.47
	08/27/98		(a)	57.48	(a)	3490.36
	02/11/99*		(a)	53.11	(a)	3494.73
	08/11/99*		(a)	52.67	(a)	3495.17
	02/13/00*		(a)	52.20	(a)	3495.64
	08/21/00*		(a)	52.34	(a)	3495.50
	02/17/01*		(a)	52.38	(a)	3495.46
	08/15/01		(a)	52.06	(a)	3495.78
	02/27/02*		(a)	52.01	(a)	3495.83
	07/31/02*		(a)	51.79	(a)	3496.05
	02/13/03*		(a)	51.65	(a)	3496.19
	08/04/03*		(a)	51.54	(a)	3496.30
	05/24/04*		(a)	51.39	(a)	3496.45
	11/09/04*		(a)	51.50	(a)	3496.34
	04/11/05*		(a)	51.18	(a)	3496.66
	12/01/05*		(a)	51.10	(a)	3496.74
	05/10/06*		(a)	50.75	(a)	3497.09
	12/14/06*		(a)	50.31	(a)	3497.53

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-12	11/17/94	3551.19 (b)	(a)	49.31	(a)	3501.88
	11/21/95		(a)	50.49	(a)	3500.70
	02/22/96		(a)	50.13	(a)	3501.06
	05/14/96		(a)	49.96	(a)	3501.23
	08/12/96		(a)	50.31	(a)	3500.88
	11/12/96		(a)	50.41	(a)	3500.78
	02/05/97		(a)	50.53	(a)	3500.66
	08/05/97		(a)	50.39	(a)	3500.80
	12/29/97		(a)	50.35	(a)	3500.84
	02/23/98*		(a)	50.26	(a)	3500.93
	08/05/98*		(a)	50.22	(a)	3500.97
	08/27/98		(a)	49.94	(a)	3501.25
	02/11/99*		(a)	49.87	(a)	3501.32
	08/11/99*		(a)	50.29	(a)	3500.90
	02/13/00*		(a)	49.62	(a)	3501.57
	08/21/00*		(a)	50.28	(a)	3500.91
	02/17/01*		(a)	50.06	(a)	3501.13
	08/15/01		(a)	49.61	(a)	3501.58
	02/27/02*		(a)	49.45	(a)	3501.74
	07/31/02*		(a)	49.43	(a)	3501.76
	02/13/03*		(a)	49.41	(a)	3501.78
	08/04/03*		(a)	49.36	(a)	3501.83
	05/24/04*		(a)	49.45	(a)	3501.74
	11/09/04*		(a)	49.57	(a)	3501.62
	04/11/05*		(a)	49.37	(a)	3501.82
	12/01/05*		(a)	49.05	(a)	3502.14
	05/10/06*		(a)	48.51	(a)	3502.68
	12/14/06*		(a)	48.11	(a)	3503.08

**Table 1. Summary of Groundwater Surface Elevations
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-13	12/01/94	3547.78 (b)	(a)	49.70	(a)	3498.08
	11/21/95		(a)	49.55	(a)	3498.23
	02/22/96		(a)	49.27	(a)	3498.51
	05/14/96		(a)	49.15	(a)	3498.63
	08/12/96		(a)	49.40	(a)	3498.38
	11/12/96		(a)	49.42	(a)	3498.36
	02/05/97		(a)	49.40	(a)	3498.38
	08/05/97		(a)	49.37	(a)	3498.41
	12/29/97		(a)	49.50	(a)	3498.28
	02/23/98*		(a)	49.35	(a)	3498.43
	08/05/98*		(a)	49.41	(a)	3498.37
	08/27/98		(a)	49.20	(a)	3498.58
	02/11/99*		(a)	49.12	(a)	3498.66
	08/11/99*		(a)	49.43	(a)	3498.35
	02/13/00*		(a)	49.05	(a)	3498.73
	08/21/00*		(a)	49.40	(a)	3498.38
	02/17/01*		(a)	49.22	(a)	3498.56
	08/15/01		(a)	48.98	(a)	3498.80
	02/27/02*		(a)	48.85	(a)	3498.93
	07/31/02*		(a)	48.62	(a)	3499.16
	02/13/03*		(a)	48.52	(a)	3499.26
	08/04/03*		(a)	48.40	(a)	3499.38
	05/24/04*		(a)	48.35	(a)	3499.43
	11/09/04*		(a)	48.55	(a)	3499.23
	04/11/05*		(a)	48.13	(a)	3499.65
	12/01/05*		(a)	47.75	(a)	3500.03
	05/10/06*		(a)	46.88	(a)	3500.90
	12/14/06*		(a)	46.02	(a)	3501.76

NOTES:

PSH - Phase separated hydrocarbon

Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of

(a) Not applicable since no measurable thickness of hydrocarbon is present

(b) Survey by John West Engineering, Hobbs, NM dated 11/94

(c) Survey by Cypress Engineering, Houston, TX dated 08/11/99

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-1	05/14/96	3551.22 (e)	(a)	51.01	(a)	3500.21
	08/06/97		(a)	49.09	(a)	3502.13
	02/11/99*		(a)	51.52	(a)	3499.70
	08/11/99*		(a)	52.17	(a)	3499.05
	02/13/00*		(a)	51.32	(a)	3499.90
	08/21/00*		(a)	51.85	(a)	3499.37
	02/17/01*		(a)	51.55	(a)	3499.67
	08/15/01		(a)	51.17	(a)	3500.05
	02/27/02*		(a)	50.90	(a)	3500.32
	07/31/02*		(a)	50.79	(a)	3500.43
	02/13/03*		(a)	50.71	(a)	3500.51
	08/04/03*		(a)	50.63	(a)	3500.59
	05/24/04*		(a)	50.80	(a)	3500.42
	11/09/04*		(a)	50.73	(a)	3500.49
	04/11/05*		(a)	50.72	(a)	3500.50
	12/01/05*		(a)	50.44	(a)	3500.78
	05/10/06*		(a)	50.05	(a)	3501.17
	12/14/06*		(a)	48.37	(a)	3502.85
SVE-2	05/14/96	3551.96 (e)	50.63	51.38	0.75	3501.18
	08/06/97		50.95	52.15	1.20	3500.77
	08/07/97		50.93	51.64	0.71	3500.89
	08/29/97		50.75	51.16	0.41	3501.13
	12/29/97		51.02	51.76	0.74	3500.79
	06/26/98		(a)	50.87	(a)	3501.09
	07/13/98		(a)	50.87	(a)	3501.09
	02/11/99*		(a)	50.15	(a)	3501.81
	08/11/99*		(a)	51.26	(a)	3500.70
	02/13/00*		(a)	50.57	(a)	3501.39
	08/21/00*		(a)	50.68	(a)	3501.28
	02/17/01*		(a)	50.55	(a)	3501.41
	08/15/01		(a)	50.07	(a)	3501.89
	07/31/02*		(a)	49.81	(a)	3502.15
	02/13/03*		(a)	49.89	(a)	3502.07
	08/04/03*		(a)	49.68	(a)	3502.28
	05/24/04*		(a)	49.70	(a)	3502.26
	11/09/04*		(a)	49.85	(a)	3502.11
	04/11/05*		(a)	50.31	(a)	3501.65
	12/01/05*		(a)	49.62	(a)	3502.34
	05/10/06*		(a)	48.15	(a)	3503.81
	12/14/06*		(a)	47.82	(a)	3504.14

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-3	05/14/96	3552.75 (e)	(a)	50.95	(a)	3501.80
	08/06/97		(a)	47.70	(a)	3505.05
	12/29/97		(a)	51.44	(a)	3501.31
	02/11/99*		(a)	46.45	(a)	3506.30
	08/11/99*		(a)	51.03	(a)	3501.72
	02/13/00*		(a)	51.17	(a)	3501.58
	02/17/01*		(a)	51.08	(a)	3501.67
	08/15/01		(a)	50.87	(a)	3501.88
	02/27/02*		(a)	50.61	(a)	3502.14
	07/31/02*		(a)	50.57	(a)	3502.18
	02/13/03*		(a)	50.56	(a)	3502.19
	08/04/03*		(a)	50.46	(a)	3502.29
	05/24/04*		—	TD@41.00	—	—
	11/09/04*		—	TD@41.00	—	—
	12/01/04	(f)	—	—	—	—
SVE-4	05/14/96	3553.03 (d)	51.91	53.67	1.76	3500.77
	08/06/97		50.56	52.24	1.68	3502.13
	08/07/97		52.84	53.39	0.55	3500.08
	08/29/97		50.50	51.74	1.24	3502.28
	12/29/97		52.02	53.04	1.02	3500.81
	06/26/98		50.58	52.30	1.72	3502.11
	07/13/98		50.52	52.30	1.78	3502.15
	07/24/98		50.38	51.80	1.42	3502.37
	09/23/98		50.11	51.31	1.20	3502.68
	01/07/99		50.70	51.36	0.66	3502.20
	01/27/99		50.65	51.18	0.53	3502.27

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-5	05/14/96	3554.39 (e)	51.34	--	--	(a)
	08/06/97		45.69	49.30	3.61	3507.98
	08/07/97		50.22	51.08	0.86	3504.00
	08/29/97		45.00	48.59	3.59	3508.67
	12/29/97		51.83	--	--	(a)
	08/26/98		44.65	47.10	2.45	3509.25
	01/17/99		46.20	46.60	0.40	3508.11
	02/11/99*		44.87	45.10	0.23	3509.47
	06/15/99		<52.05	<52.05	na	na
	07/15/99		<52.05	<52.05	na	na
	08/13/99		<52.05	<52.05	na	na
	09/14/99		<52.05	<52.05	na	na
	10/07/99		<52.05	<52.05	na	na
	11/16/99		<52.05	<52.05	na	na
	12/16/99		<52.05	<52.05	na	na
	01/25/00		(a)	52.08	(a)	3502.31
	02/03/00		(a)	51.23	(a)	3503.16
	02/13/00*		(a)	51.08	(a)	3503.31
	02/17/01*		(a)	48.08	(a)	3506.31
	08/15/01		(a)	50.68	(a)	3503.71
	02/27/02*		(a)	50.53	(a)	3503.86
	07/31/02*		(a)	51.96	(a)	3502.43
	02/13/03*		51.85	52.06	0.21	3502.50
	08/04/03*		52.90	53.56	0.66	3501.36
	05/24/04*		51.90	52.13	0.23	3502.44
	11/09/04*		51.99	to TD @ 52.14	--	--
	04/11/05*		51.40	51.99	0.59	3502.87
	12/01/05*		50.81	51.57	0.76	3503.43
	05/10/06*		50.24	51.09	0.85	3503.98
	12/14/06*		47.85	48.12	0.27	3506.49

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-6	05/14/96	3553.74 (e)	(a)	54.30	(a)	3499.44
	08/06/97		(a)	49.75	(a)	3503.99
	02/11/99*		(a)	52.05	(a)	3501.69
	08/11/99*		(a)	52.59	(a)	3501.15
	02/13/00*		(a)	51.95	(a)	3501.79
	02/17/01*		(a)	51.88	(a)	3501.86
	08/15/01		(a)	51.36	(a)	3502.38
	02/27/02*		(a)	51.22	(a)	3502.52
	07/31/02*		(a)	51.03	(a)	3502.71
	02/13/03*		(a)	51.16	(a)	3502.58
	08/04/03*		(a)	50.88	(a)	3502.86
	05/24/04*		(a)	51.18	(a)	3502.56
	11/09/04*		(a)	50.99	(a)	3502.75
	04/11/05*		(a)	51.82	(a)	3501.92
	12/01/05*		(a)	49.94	(a)	3503.80
	05/10/06*		(a)	49.45	(a)	3504.29
	12/14/06*		(a)	48.88	(a)	3504.86
SVE-7	05/14/96	3553.81 (e)	(a)	53.89	(a)	3499.92
	08/06/97		(a)	51.40	(a)	3502.41
	12/29/97		(a)	54.14	(a)	3499.67
	02/11/99*		(a)	53.65	(a)	3500.16
	08/11/99*		(a)	54.18	(a)	3499.63
	02/13/00*		(a)	53.37	(a)	3500.44
	08/21/00*		(a)	53.98	(a)	3499.83
	02/17/01*		(a)	53.64	(a)	3500.17
	08/15/01		(a)	53.28	(a)	3500.53
	02/27/02*		(a)	52.93	(a)	3500.88
	07/31/02*		(a)	52.87	(a)	3500.94
	02/13/03*		(a)	52.71	(a)	3501.10
	08/04/03*		(a)	52.61	(a)	3501.20
	05/24/04*		(a)	52.63	(a)	3501.18
	11/09/04*		(a)	52.70	(a)	3501.11
	04/11/05*		(a)	52.38	(a)	3501.43
	12/01/05*		(a)	51.85	(a)	3501.96
	05/10/06*		(a)	51.23	(a)	3502.58
	12/14/06*		(a)	50.46	(a)	3503.35

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-8	05/14/96	3555.25 (e)	(a)	53.55	(a)	3501.70
	08/06/97		(a)	51.72	(a)	3503.53
	12/29/97		(a)	54.07	(a)	3501.18
	02/11/99*		(a)	53.06	(a)	3502.19
	08/11/99*		(a)	54.02	(a)	3501.23
	02/13/00*		(a)	53.33	(a)	3501.92
	08/21/00*		(a)	53.57	(a)	3501.68
	02/17/01*		(a)	53.34	(a)	3501.91
	08/15/01		(a)	53.08	(a)	3502.17
	02/27/02*		(a)	52.94	(a)	3502.31
	07/31/02*		(a)	52.83	(a)	3502.42
	02/13/03*		(a)	52.86	(a)	3502.39
	08/04/03*		(a)	52.73	(a)	3502.52
	05/24/04*		(a)	52.74	(a)	3502.51
	11/09/04*		(a)	52.87	(a)	3502.38
	04/11/05*		(a)	52.39	(a)	3502.86
	12/01/05*		(a)	51.60	(a)	3503.65
	05/10/06*		(a)	51.07	(a)	3504.18
	12/14/06*		(a)	50.67	(a)	3504.58
SVE-9	05/14/96	3555.36 (e)	(a)	54.13	(a)	3501.23
	08/06/97		(a)	50.06	(a)	3505.30
	02/11/99*		(a)	50.97	(a)	3504.39
	08/11/99*		(a)	54.39	(a)	3500.97
	02/13/00*		(a)	53.65	(a)	3501.71
	08/21/00*		(a)	54.22	(a)	3501.14
	02/17/01*		(a)	53.57	(a)	3501.79
	08/15/01		(a)	53.14	(a)	3502.22
	02/27/02*		(a)	53.01	(a)	3502.35
	07/31/02*		(a)	52.78	(a)	3502.58
	02/13/03*		(a)	52.88	(a)	3502.48
	08/04/03*		(a)	52.63	(a)	3502.73
	05/24/04*		(a)	52.81	(a)	3502.55
	11/09/04*		(a)	52.78	(a)	3502.58
	04/11/05*		(a)	53.53	(a)	3501.83
	12/01/05*		(a)	51.81	(a)	3503.55
	05/10/06*		(a)	51.10	(a)	3504.26
	12/14/06*		(a)	50.61	(a)	3504.75

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-10	06/04/99	3554.40 (e)	52.86	52.88	0.02	3501.54
	06/29/99		53.25	53.32	0.07	3501.14
	07/08/99		51.63	51.70	0.07	3502.76
	07/27/99		51.23	51.41	0.18	3503.13
	08/11/99*		53.12	53.32	0.20	3501.24
	08/26/99		51.63	51.77	0.14	3502.74
	09/28/99		56.65	56.79	0.14	3497.72
	10/07/99		54.98	55.23	0.25	3499.37
	10/26/99		54.68	54.77	0.09	3499.70
	11/11/99		55.79	55.85	0.06	3498.60
	11/30/99		55.03	55.07	0.04	3499.36
	12/14/99		54.52	54.53	0.01	3499.88
	12/30/99		53.91	53.94	0.03	3500.48
	01/13/00		53.56	53.59	0.03	3500.83
	01/25/00		53.50	53.52	0.02	3500.90
	02/03/00		53.61	53.63	0.02	3500.79
	02/13/00*		53.53	53.58	0.05	3500.86
	03/06/00		54.11	54.12	0.01	3500.29
	03/23/00		(a)	54.95	(a)	3499.45
	04/06/00		54.05	54.07	0.02	3500.35
	04/20/00		54.19	54.20	0.01	3500.21
	05/11/00		54.21	54.22	0.01	3500.19
	05/25/00		(a)	54.21	(a)	3500.19
	06/08/00		(a)	54.18	(a)	3500.22
	06/22/00		(a)	54.18	(a)	3500.22
	07/13/00		(a)	54.19	(a)	3500.21
	07/27/00		(a)	54.19	(a)	3500.21
	08/03/00		54.03	54.04	0.01	3500.37
	08/21/00*		(a)	54.02	(a)	3500.38
	09/14/00		(a)	53.60	(a)	3500.80
	09/28/00		(a)	53.58	(a)	3500.82
	10/12/00		(a)	53.55	(a)	3500.85
	11/03/00		(a)	53.35	(a)	3501.05
	11/16/00		(a)	53.29	(a)	3501.11
	12/06/00		(a)	53.25	sheen	3501.15
	01/25/01		(a)	53.11	(a)	3501.29
	02/17/01*		53.04	53.05	0.01	3501.36
	02/23/01		(a)	53.00	(a)	3501.40
	03/30/01		(a)	52.95	(a)	3501.45
	08/15/01		(a)	56.16	(a)	3498.24
	02/27/02*		(a)	52.70	(a)	3501.70
	07/31/02*		(a)	52.60	(a)	3501.80
	02/13/03*		(a)	52.47	sheen	3501.93
	08/04/03*		(a)	52.30	sheen	3502.10
	05/24/04*		(a)	52.27	(a)	3502.13
	11/09/04*		(a)	52.37	sheen	3502.03
	04/11/05*		(a)	52.06	(a)	3502.34
	12/01/05*		(a)	51.50	(a)	3502.90
	05/10/06*		(a)	50.89	sheen	3503.51
	12/14/06*		(a)	50.53	(a)	3503.87

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-11	06/04/99	3555.33 (e)	54.94	55.32	0.38	3500.31
	06/29/99		54.94	55.31	0.37	3500.32
	07/08/99		54.87	56.51	1.64	3500.13
	07/27/99		54.52	56.18	1.66	3500.48
	08/11/99*		54.32	55.91	1.59	3500.69
	08/13/99		54.66	55.80	1.14	3500.44
	09/02/99		54.30	54.39	0.09	3501.01
	09/14/99		55.30	56.14	0.84	3499.86
	10/05/99		54.80	54.85	0.05	3500.52
	11/02/99		54.58	54.59	0.01	3500.75
	11/16/99		(a)	54.21	(a)	3501.12
	12/02/99		(a)	54.20	(a)	3501.13
	12/30/99		(a)	53.86	(a)	3501.47
	01/13/00		(a)	53.99	(a)	3501.34
	01/25/00		(a)	54.64	(a)	3500.69
	02/03/00		(a)	54.32	(a)	3501.01
	02/13/00*		53.87	53.89	0.02	3501.46
	03/23/00		57.55	57.56	0.01	3497.78
	04/06/00		(a)	56.00	(a)	3499.33
	05/11/00		(a)	55.26	(a)	3500.07
	05/25/00		(a)	54.63	(a)	3500.70
	06/08/00		(a)	54.73	(a)	3500.60
	06/22/00		(a)	55.28	(a)	3500.05
	07/13/00		54.62	54.63	0.01	3500.71
	07/27/00		(a)	54.29	(a)	3501.04
	08/03/00		(a)	54.22	(a)	3501.11
	08/21/00*		(a)	53.77	(a)	3501.56
	09/14/00		(a)	53.92	(a)	3501.41
	09/28/00		(a)	53.92	(a)	3501.41
	10/12/00		(a)	53.95	(a)	3501.38
	11/03/00		53.75	53.76	0.01	3501.58
	11/16/00		53.76	53.77	0.01	3501.57
	12/06/00		53.83	53.89	0.06	3501.49
	01/25/01		53.64	53.71	0.07	3501.68
	02/17/01*		53.76	53.87	0.11	3501.55
	02/23/01		53.47	53.54	0.07	3501.85
	03/30/01		53.48	53.55	0.07	3501.84
	08/15/01		(a)	53.43	(a)	3501.90
	02/27/02*		53.35	53.43	0.08	3501.96
	07/31/02*		53.15	53.16	0.01	3502.18
	02/13/03*		(a)	53.03	sheen	3502.30
	08/04/03*		51.81	52.02	0.21	3503.48
	05/24/04*		55.85	56.33	0.48	3499.38
	11/09/04*		52.94	53.31	0.37	3502.32
	04/11/05*		52.54	52.55	0.01	3502.79
	12/01/05*		51.81	53.05	1.24	3503.27
	05/10/06*		51.19	52.55	1.36	3503.87
	12/14/06*		(a)	50.71	sheen	3504.62

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-12	06/04/99	3555.64 (e)	55.00	58.71	3.71	3499.90
	07/13/99		55.25	55.83	0.58	3500.27
	07/27/99		54.99	56.16	1.17	3500.42
	08/03/99		55.11	56.41	1.30	3500.27
	09/07/99		54.29	54.30	0.01	3501.35
	09/14/99		55.28	55.29	0.01	3500.36
	10/12/99		53.35	53.37	0.02	3502.29
	10/28/99		(a)	54.56	(a)	3501.08
	11/11/99		(a)	54.23	(a)	3501.41
	11/30/99		(a)	53.88	(a)	3501.76
	12/14/99		(a)	53.89	(a)	3501.75
	12/30/99		(a)	53.82	(a)	3501.82
	01/25/00		(a)	54.33	(a)	3501.31
	02/03/00		(a)	54.41	(a)	3501.23
	02/13/00*		(a)	54.17	sheen	3501.47
	04/20/00		(a)	56.38	(a)	3499.26
	06/15/00		(a)	55.25	(a)	3500.39
	07/13/00		(a)	54.50	(a)	3501.14
	07/27/00		(a)	53.97	(a)	3501.67
	08/03/00		(a)	53.19	(a)	3502.45
	08/21/00*		(a)	53.73	(a)	3501.91
	09/14/00		(a)	53.57	(a)	3502.07
	09/28/00		(a)	53.82	(a)	3501.82
	10/12/00		(a)	53.54	(a)	3502.10
	11/03/00		(a)	54.04	(a)	3501.60
	11/16/00		(a)	54.06	(a)	3501.58
	12/06/00		(a)	54.12	sheen	3501.52
	01/25/01		53.92	53.94	0.02	3501.72
	02/17/01*		54.06	54.10	0.04	3501.57
	02/23/01		(a)	52.28	(a)	3503.36
	03/30/01		53.79	53.88	0.09	3501.83
	08/15/01		(a)	53.73	(a)	3501.91
	02/27/02*		53.60	53.61	0.01	3502.04
	07/31/02*		53.44	53.59	0.15	3502.17
	02/13/03*		53.47	53.62	0.15	3502.14
	08/04/03*		53.23	53.57	0.34	3502.34
	05/24/04*		53.13	53.74	0.61	3502.39
	11/09/04*		53.33	53.87	0.54	3502.20
	04/11/05*		52.97	52.98	0.01	3502.67
	12/01/05*		52.20	52.90	0.70	3503.30
	05/10/06*		51.61	52.37	0.76	3503.88
	12/14/06*		51.22	52.12	0.90	3504.24

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-13	06/04/99	3554.11 (e)	53.73	54.83	1.10	3500.16
	06/24/99		53.65	54.02	0.37	3500.39
	07/15/99		53.97	54.02	0.05	3500.13
	07/27/99		53.28	53.30	0.02	3500.83
	08/11/99*		53.37	53.39	0.02	3500.74
	08/26/99		(a)	53.27	(a)	3500.84
	09/14/99		(a)	53.93	(a)	3500.18
	09/28/99		(a)	53.24	(a)	3500.87
	10/07/99		(a)	53.36	(a)	3500.75
	10/21/99		(a)	53.51	(a)	3500.60
	11/11/99		(a)	53.00	(a)	3501.11
	11/30/99		(a)	52.56	(a)	3501.55
	12/14/99		(a)	52.54	(a)	3501.57
	12/30/99		(a)	52.38	(a)	3501.73
	01/25/00		(a)	54.18	(a)	3499.93
	02/03/00		(a)	52.79	(a)	3501.32
	02/13/00*		(a)	52.60	(a)	3501.51
	03/06/00		(a)	53.45	(a)	3500.66
	03/23/00		(a)	56.07	(a)	3498.04
	04/06/00		(a)	54.76	(a)	3499.35
	05/11/00		(a)	53.54	(a)	3500.57
	05/25/00		(a)	52.68	(a)	3501.43
	06/08/00		(a)	53.16	(a)	3500.95
	06/22/00		(a)	54.22	(a)	3499.89
	07/13/00		(a)	52.91	(a)	3501.20
	07/27/00		(a)	52.67	(a)	3501.44
	08/03/00		(a)	52.48	(a)	3501.63
	08/21/00*		(a)	52.47	(a)	3501.64
	09/14/00		(a)	52.65	(a)	3501.46
	09/28/00		(a)	52.58	(a)	3501.53
	10/12/00		(a)	52.57	(a)	3501.54
	11/03/00		(a)	52.49	(a)	3501.62
	11/16/00		(a)	52.51	(a)	3501.60
	12/06/00		(a)	52.59	(a)	3501.52
	01/25/01		(a)	52.41	(a)	3501.70
	02/17/01*		(a)	52.55	(a)	3501.56
	02/23/01		53.72	53.74	0.02	3500.39
	03/30/01		(a)	52.26	(a)	3501.85
	08/15/01		(a)	52.16	(a)	3501.95
	02/27/02*		(a)	52.14	(a)	3501.97
	07/31/02*		(a)	51.93	(a)	3502.18
	02/13/03*		(a)	52.01	(a)	3502.10
	08/04/03*		(a)	51.81	(a)	3502.30
	05/24/04*		(a)	51.70	(a)	3502.41
	11/09/04*		(a)	50.90	(a)	3503.21
	04/11/05*		(a)	51.49	(a)	3502.62
	12/01/05*		(a)	50.86	(a)	3503.25
	05/10/06*		(a)	49.18	(a)	3504.93
	12/14/06*		(a)	48.76	(a)	3505.35

**Table 2. Summary of Groundwater Surface Elevations at SVE Wells
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-14	06/04/99	3554.83 (e)	(a)	54.43	(a)	3500.40
	06/24/99		(a)	52.01	(a)	3502.82
	07/15/99		(a)	52.76	(a)	3502.07
	07/27/99		(a)	52.03	(a)	3502.80
	08/11/99*		(a)	54.13	(a)	3500.70
	08/26/99		(a)	52.40	(a)	3502.43
	09/14/99		(a)	52.61	(a)	3502.22
	09/28/99		(a)	52.36	(a)	3502.47
	10/07/99		(a)	52.14	(a)	3502.69
	10/21/99		(a)	54.37	(a)	3500.46
	11/11/99		(a)	53.09	(a)	3501.74
	11/30/99		(a)	51.51	(a)	3503.32
	12/14/99		(a)	51.16	(a)	3503.67
	12/30/99		(a)	53.32	(a)	3501.51
	01/13/00		(a)	53.51	(a)	3501.32
	01/25/00		(a)	51.42	(a)	3503.41
	02/03/00		(a)	51.28	(a)	3503.55
	02/13/00*		(a)	53.36	(a)	3501.47
	02/17/01*		(a)	53.31	(a)	3501.52
	08/21/00*		(a)	53.37	(a)	3501.46
	02/17/01*		(a)	53.31	(a)	3501.52
	08/15/01		(a)	52.95	(a)	3501.88
	02/27/02*		(a)	52.88	sheen	3501.95
	07/31/02*		(a)	52.67	(a)	3502.16
	02/13/03*		(a)	52.75	sheen	3502.08
	08/04/03*		52.56	52.57	0.01	3502.27
	05/24/04*		(a)	52.51	(a)	3502.32
	11/09/04*		(a)	51.65	(a)	3503.18
	04/11/05*		(a)	49.37	(a)	3505.46
	12/01/05*		51.65	51.66	0.01	3503.18
	05/10/06*		(a)	50.02	(a)	3504.81
	12/14/06*		(a)	49.56	(a)	3505.27

Notes:

- (a) Not Applicable
- (b) No elevation data available
- (c) Survey by John West Engineering, Hobbs, NM dated 11/94
- (d) Survey by John West Engineering, Hobbs, NM dated 02/22/96
- (e) Survey by Cypress Engineering, Houston, TX dated 08/11/99
- (f) SVE-3 plugged and abandoned on 12-01-04 by George Friend.

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
MW-9	11/21/94	-	-	-	-	12	< 0.5	< 0.5	< 0.5
	11/21/95	-	7.03	19.4	2,890	4	3	< 2	11
	02/22/96	-	6.48	22.2	2,980	13	< 2	< 2	< 2
	05/14/96	-	-	-	-	14	< 2	< 2	< 2
	08/12/96	-	6.79	27.0	3,090	14	< 2	< 2	< 3
	11/12/96	-	6.97	16.6	-	9	< 2	< 2	< 2
	02/05/97	3.0	7.26	16.3	3,900	13	< 2	< 2	< 2
	08/05/97	1.8	6.97	20.7	3,580	3	< 2	< 2	< 2
	02/24/98	4.2	7.00	20.3	3,550	16.3	< 5	< 5	< 5
	08/05/98	2.2	6.93	22.6	3,910	1.9	< 1	< 1	< 1
	02/12/99	-	-	-	-	6	< 1	< 1	< 1
	08/11/99	3.1	6.9	21.0	3,230	< 2	< 2	< 2	< 2
	02/13/00	-	-	-	-	3.0	< 1	< 1	< 1
	08/21/00 (a)	-	-	-	-	1.5	< 0.5	0.5	0.9
	02/17/01	-	-	-	-	< 0.500	< 0.500	< 0.500	< 0.10
	08/15/01	2.6	7.12	22.5	3,140	2.06	< 1	< 1	< 2
	02/27/02	3.6	6.94	21.9	4,130	6	< 1	< 1	< 1
	08/01/02	3.7	6.80	21.5	3,810	< 0.50	< 0.50	< 0.50	< 0.50
	02/13/03	2.8	6.98	22.7	4,310	0.86	< 0.50	< 0.50	< 0.50
	08/05/03	2.1	6.91	23.3	3,830	0.60	< 0.50	< 0.50	< 0.50
	05/24/04	2.7	7.07	22.9	4,090	< 0.50	< 0.50	< 0.50	< 0.50
	11/09/04*	3.3	6.83	20.6	4,423	< 0.50	< 0.50	< 0.50	< 0.50
	04/11/05	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50
	12/01/05	4.6	7.16	19.8	3,977	< 0.50	< 0.50	< 0.50	< 0.50
	05/10/06	6.1	6.98	21.0	4,104	< 1	< 1	< 1	< 3
	12/14/06	5.5	6.95	20.5	4,355	< 1	< 1	< 1	< 3

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
MW-10	11/18/94	-	-	-	-	9,000	16,000	620	8,500
	08/05/98	-	-	-	-	4,000	7,500	190	3,100
	02/12/99	-	-	-	-	4,300	7,700	340	3,300
	11/18/99	-	-	-	-	3,400	5,600	280	3,100
	02/13/00	-	-	-	-	4,800	9,200	710	6,200
	06/20/00	-	-	-	-	3,700	6,600	380	3,900
	08/15/01	-	-	-	-	4,590	454	429	4,680

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)				
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes	
NMWQCC Standard		none	6-9	none	none	10	750	750	620	
MW-11	11/21/94	(b)	-	-	-	-	-	-	-	
	11/21/95		-	-	-	< 2	< 2	< 2	< 2	
	02/22/96		-	7.34	21.9	1,920	< 2	< 2	< 2	
	05/14/96		-	-	-	-	< 2	< 2	< 2	
	08/12/96		-	7.11	25.7	2,050	< 2	< 2	< 2	< 3
	11/11/96		6.0	7.15	19.9	-	< 2	< 2	< 2	< 2
	02/05/97		7.0	7.56	14.8	2,300	< 2	< 2	< 2	< 2
	08/05/97		5.3	7.19	21.2	2,280	< 2	< 2	< 2	< 2
	02/24/98		6.5	7.35	18.8	2,100	< 5	< 5	< 5	< 5
	08/05/98		7.2	7.15	20.4	2,250	< 1	< 1	< 1	< 1
	02/12/99		-	-	-	-	< 1	< 1	< 1	< 1
	08/11/99		8.8	7.42	20.8	1,800	< 2	< 2	< 2	< 2
	02/13/00		6.6	7.83	19.6	2,050	< 1	< 1	< 1	< 1
	08/21/00	(a)	6.7	7.41	21.6	1,720	< 0.5	< 0.5	< 0.5	< 1
	02/17/01		-	-	-	-	< 0.500	< 0.500	< 0.500	< 0.10
	08/15/01		6.0	7.20	20.3	1,932	< 1	< 1	< 1	< 2
	02/27/02		6.3	7.38	21.6	2,020	< 1	< 1	< 1	< 1
	08/01/02		7.9	6.87	23.5	1,700	< 0.50	< 0.50	< 0.50	< 0.50
	02/13/03		6.1	7.41	22.3	1,960	< 0.50	< 0.50	< 0.50	< 0.50
	08/05/03		5.0	7.47	22.7	1,660	< 0.50	< 0.50	< 0.50	< 0.50
	05/24/04		5.1	7.46	21.9	1,780	< 0.50	< 0.50	< 0.50	< 0.50
	11/09/04*		5.8	7.14	20.2	1,775	< 0.50	< 0.50	< 0.50	< 0.50
	04/11/05		-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50
	12/01/05		5.8	7.46	19.5	1,456	< 0.50	< 0.50	< 0.50	< 0.50
	05/10/06		7.3	7.36	20.1	1,481	< 1	< 1	< 1	< 3
	12/14/06		7.3	7.28	20.0	1,374	< 1	< 1	< 1	< 3

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
MW-12	11/17/94	-	-	-	-	< 0.5	1.9	< 0.5	3.1
	11/21/95	-	6.97	19.2	3,260	< 2	< 2	< 2	< 2
	02/22/96	-	6.71	22.6	3,400	< 2	< 2	< 2	< 2
	05/14/96	-	-	-	-	< 2	< 2	< 2	< 2
	08/12/96	-	6.70	26.8	3,430	< 2	< 2	< 2	< 3
	11/12/96	6.0	7.06	19.3	-	< 2	< 2	< 2	< 2
	02/05/97	7.0	7.23	15.8	3,900	< 2	< 2	< 2	< 2
	08/05/97	4.9	6.85	21.8	3,880	< 2	< 2	< 2	< 2
	02/24/98	6.0	7.06	20.1	3,570	< 5	< 5	< 5	< 5
	08/05/98	5.6	6.96	22.1	3,830	< 1	< 1	< 1	< 1
	02/12/99	-	-	-	-	< 1	< 1	< 1	< 1
	08/11/99	6.7	7.13	20.7	3,770	< 2	< 2	< 2	< 2
	02/13/00	5.4	7.10	20.1	3,780	< 1	< 1	< 1	< 1
	08/21/00 (a)	6.7	7.06	21.1	3,350	< 0.5	0.5	0.8	1.1
	02/17/01	-	-	-	-	< 0.500	< 0.500	< 0.500	< 0.10
	08/15/01	4.5	7.23	20.7	3,690	< 1	< 1	< 1	< 2
	02/27/02	4.6	7.01	22.4	4,030	< 1	< 1	< 1	< 1
	08/01/02	4.3	6.84	21.4	3,580	< 0.50	< 0.50	< 0.50	< 0.50
	02/13/03	4.3	7.04	22.8	3,930	< 0.50	< 0.50	< 0.50	< 0.50
	08/05/03	4.1	7.05	23.4	3,380	< 0.50	< 0.50	< 0.50	< 0.50
	05/24/04	4.1	7.09	22.1	3,540	< 0.50	< 0.50	< 0.50	< 0.50
	11/09/04*	4.2	6.90	20.4	3,547	< 0.50	< 0.50	< 0.50	< 0.50
	04/11/05	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50
	12/01/05	3.5	7.09	19.7	3,000	< 0.50	< 0.50	< 0.50	< 0.50
	05/10/06	4.8	6.75	20.5	3,128	< 1	< 1	< 1	< 3
	12/14/06	4.2	7.06	20.0	2,999	< 1	< 1	< 1	< 3

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)				
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes	
NMWQCC Standard		none	6-9	none	none	10	750	750	620	
MW-13	12/01/94	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.5	
	11/21/95	-	7.63	20.3	1,530	< 2	< 2	< 2	< 2	
	02/22/96	-	7.18	24.1	1,880	< 2	< 2	< 2	< 2	
	05/14/96	-	-	-	-	< 2	3	< 2	7	
	08/12/96	-	7.02	26.7	1,980	< 2	< 2	< 2	< 3	
	11/11/96	4.0	7.18	18.8	-	< 2	< 2	< 2	< 2	
	02/05/97	7	7.65	17.7	1,900	< 2	< 2	< 2	< 2	
	08/05/97	5.2	7.38	21.1	1,830	< 2	< 2	< 2	< 2	
	02/24/98	4.5	7.27	19.5	1,703	< 5	< 5	< 5	< 5	
	08/05/98	5.5	7.28	20.30	1,840	< 1	< 1	< 1	< 1	
	02/12/99	-	-	-	-	< 1	< 1	< 1	< 1	
	08/11/99	6.5	7.42	20.6	1,700	< 2	< 2	< 2	< 2	
	02/13/00	5.2	7.37	19.3	1,753	< 1	< 1	< 1	< 1	
	08/21/00	(a)	6.4	7.57	21.1	1,640	0.4	0.5	2.3	2.9
	02/17/01	-	-	-	-	< 0.500	< 0.500	< 0.500	< 0.10	
	08/15/01	4.2	7.42	20.6	1,646	< 1	< 1	< 1	< 2	
	02/27/02	4.1	7.33	21.7	1,804	< 1	< 1	< 1	< 1	
	08/01/02	4.5	6.90	20.7	1,600	< 0.50	< 0.50	< 0.50	< 0.50	
	02/13/03	4.2	7.37	22.3	1,803	< 0.50	< 0.50	< 0.50	< 0.50	
	08/05/03	4.6	7.42	22.5	1,620	< 0.50	< 0.50	< 0.50	< 0.50	
	05/24/04	4.4	7.43	22.0	1,800	< 0.50	< 0.50	< 0.50	< 0.50	
	11/09/04*	4.8	7.11	20.0	1,979	< 0.50	< 0.50	< 0.50	< 0.50	
	04/11/05	-	-	-	-	< 0.50	< 0.50	< 0.50	< 0.50	
	12/01/05	3.6	7.26	18.8	1,928	< 0.50	< 0.50	< 0.50	< 0.50	
	05/10/06	5.2	7.14	20.5	2,427	< 1	< 1	< 1	< 3	
	12/14/06	2.0	6.93	19.7	2,710	< 1	< 1	< 1	< 3	

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
SVE-13	02/13/00	-	-	-	-	1,300	1,800	270	1,900
	06/20/00	-	-	-	-	1,600	2,300	170	2,100
@ 1 well vol	08/21/00 (a)	-	-	-	-	110	140	91	390
	08/21/00 (a)	-	-	-	-	240	370	110	1,000
@ 1 well vol	02/18/01	-	-	-	-	968	789	93.2	831
	02/18/01	-	-	-	-	1,170	1,110	124	1,240
(Dup MW-17)	02/18/01	-	-	-	-	860	613	96.2	864
	08/15/01	-	-	-	-	773	60.1	73.1	520.3
	02/28/02	-	-	-	-	614	< 50	< 50	1,670
(Dup MW-24)	02/28/02	-	-	-	-	686	604	619	1,670
	08/01/02	-	-	-	-	720	< 10	74	220
	02/13/03	-	-	-	-	760	< 10	120	300
	08/05/03	-	-	-	-	1,100	< 10	93	250
	05/24/04	-	-	-	-	620	21	73	230
	11/09/04*	-	-	-	-	920	< 20	150	260
	04/11/05	-	-	-	-	800	4.8	120	160
	12/01/05	-	-	-	-	590	9.5	110	150
	05/11/06	-	-	-	-	640	< 10	120	67
	12/14/06	-	-	-	-	540	12	110	72

**Table 3. Summary of Groundwater Analyses
TW WT-1 Compressor Station Dehy Area**

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/L)	pH (Units)	Temp. (C)	Conductivity (us/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
SVE-14	09/08/99	1.2	6.89	22.0	2,460	1,600	1,200	360	1,300
	11/18/99	-	-	-	-	1,400	560	400	970
	02/13/00	-	-	-	-	3,000	4,200	510	3,000
	06/20/00	-	-	-	-	1,600	2,300	330	2,400
@ 1 well vol	08/21/00 (a)	-	-	-	-	1,600	1,900	440	2,430
	08/21/00 (a)	5.6	7.25	22.8	2830	2,100	2,900	380	2,620
@ 1 well vol	02/18/01	-	-	-	-	819	1,130	297	1,900
	02/18/01	-	-	-	-	3,740	5,910	344	3,880
(Dup MW-18)	02/18/01	-	-	-	-	2,150	3,290	445	2,910
	08/15/01	-	-	-	-	369	1,520	632	6,440
	08/01/02	-	-	-	-	3,000	2,900	380	4,100
	05/24/04	-	-	-	-	260	340	260	1,800

NOTES:

- (a) Trip Blank contained low concentrations of BTEX constituents.
- (b) No sample collected due to insufficient volume of water in well.
- (c) @ 1 well vol - Sample collected after purging 1 casing volume. All other samples were collected after purging 3 casing volumes.
- (d) Dup MW-17 - Blind duplicate sample collected and labeled as MW-17.

**Table 4. Summary of SVE Vapor Concentration Monitoring
TW WT-1 Compressor Station Dehy Area**

SVE Well	Date	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ug/L)	(ppmv) ^(c)	(%)									
Combined Flow													
(Core Lab)	02/10/97		6,240										
	03/20/97	6,600	1,639	0.0	2.7	29.3	32.1	23.2	9.2	3.0	0.4	0.1	0.0
(Core Lab)	03/20/97		1,740										
	08/06/97	5,000	1,242	0.3	4.0	21.2	34.8	25.3	10.2	3.5	0.7	0.0	0.0
	12/30/97	7,300	1,813	0.0	2.4	13.6	35.0	29.0	16.9	2.6	0.4	0.1	0.0
	08/05/98	6,500	1,615	0.0	1.3	15.4	32.2	30.5	13.7	5.2	1.3	0.4	0.0
	08/12/98	5,300	1,317	0.0	1.5	8.9	30.9	30.5	22.5	4.7	0.9	0.1	0.0
(dup)	08/12/98	5,000	1,242	0.1	1.5	8.8	31.8	32.9	18.0	5.0	1.4	0.4	0.1
	04/13/99	6,800	1,689	0.0	1.2	8.0	28.5	32.7	23.6	3.9	1.8	0.3	0.0
	12/07/99	4,800	1,192	0.1	6.2	17.6	31.8	28.8	10.0	4.2	0.9	0.2	0.2
(dup)	12/07/99	4,900	1,217	0.1	6.2	17.5	32.3	28.6	9.7	4.2	1.1	0.3	0.0
	05/22/00(d)	3,700	919	0.0	3.8	13.4	35.0	28.7	12.4	4.7	0.8	0.6	0.6
(dup)	05/22/00(d)	6,300	1,565	0.0	3.2	12.1	34.1	31.5	11.4	5.4	1.6	0.6	0.1
	06/15/00(d)	3,000	745	0.1	3.9	16.6	37.7	29.8	8.6	2.1	0.6	0.1	0.5
(dup)	06/15/00(d)	3,700	919	0.1	3.3	15.4	32.6	29.8	10.9	5.8	1.6	0.4	0.1
	08/21/00(d)	3,900	969	0.0	2.9	12.2	28.7	30.0	15.4	7.9	2.4	0.5	0.0
	06/10/02(d)	3,630	902	0.0	1.3	8.3	27.1	30.8	24.6	4.8	2.6	0.5	0.0
(dup)	06/10/02(d)	3,440	854	0.0	1.4	8.4	27.9	31.6	24.3	4.2	2.1	0.1	0.0
	08/09/02(d)	551	137	0.0	4.3	18.9	31.5	23.8	10.3	3.5	2.2	2.9	2.6
(dup)	08/09/02(d)	543	135	0.0	4.6	20.6	34.0	25.1	10.3	3.2	1.5	0.3	0.4
	05/02/03(d)	3,450	857	0.3	3.3	14.6	29.3	19.8	24.4	5.4	2.8	0.1	0.0
(dup)	05/02/03(d)	2,740	681	0.3	3.4	15.3	30.3	20.0	23.4	4.8	2.4	0.1	0.0
	07/25/03(d)	665	165	0.0	2.8	17.2	28.3	34.4	15.4	1.7	0.2	0.0	0.0
(dup)	07/25/03(d)	1,550	385	0.0	2.0	11.7	23.6	36.4	21.1	4.2	1.0	0.0	0.0
	08/21/03(d)	2,590	643	0.0	4.7	20.1	16.0	26.0	25.8	6.1	1.2	0.1	0.0
	04/20/04(d)	2,750	683	0.5	3.4	13.8	21.4	38.3	15.7	5.9	0.9	0.1	0.0
(dup)	04/20/04(d)	2,740	681	0.6	3.7	15.1	23.6	31.3	17.7	6.5	1.1	0.3	0.1
	08/30/04(d)	2,590	643	2.7	5.2	15.9	29.3	24.5	15.3	5.9	1.2	0.0	0.0
(dup)	08/30/04(d)	2,110	524	0.7	3.1	13.2	29.8	27.1	17.5	6.7	1.5	0.3	0.1
	08/08/05(d)	2,060	512	0.8	2.8	11.8	25.3	27.7	20.3	7.5	2.8	1.0	0.0
(dup)	08/08/05(d)	2,440	606	0.8	2.6	11.2	26.1	28.8	21.8	6.3	2.0	0.4	0.0
	11/14/05(d)	1,620	402	0.8	3.6	10.9	30.8	27.0	16.1	7.5	2.9	0.4	0.0
(dup)	11/14/05(d)	1,830	455	0.7	3.2	10.0	29.4	27.4	17.3	8.1	3.2	0.7	0.0
	09/18/06(e)	1,250	311	1.7	4.2	15.1	29.2	27.0	15.6	6.0	1.2	0.0	0.0
(dup)	09/18/06(e)	1,300	323	1.8	4.4	15.7	29.9	27.4	14.7	5.4	0.7	0.0	0.0

Notes:
(a) All air samples analyzed by Hall Laboratory of Albuquerque, NM
(b) PID = Photoionization detector
(c) Conversion Factor:
P = 0.88 atm, MW = 110 g/mole, R = 0.08205 L*atm/(K*mole), T = 2930K
C ppmv = C ug/L * ((R * T)/(MW*P))
C ppmv = C ug/L * 0.2484
(d) Total Flow analysis included wells SVE-11, 12, 13, 14 & MW-10
(e) Total Flow analysis included wells SVE-6, 11, 12, 14 & MW-10

**Table 5. Summary of Completion Details for Soil Borings Completed as Wells
TWP WT-1 Compressor Station Dehy Area**

Well	Source ^a	Date of Completion	Measuring Point Elevation (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-9	Eades Drig/DBS	11/18/94	3557.31 (b)	-1209.40	-1254.20	60.5	na	Flush Mount	2	44-59	40.5
MW-10	Eades Drig/DBS	11/17/94	3553.45 (b)	-986.60	-1342.10	62.5	63.57	Flush Mount	2	47.5-62.5	43.5
MW-11	Eades Drig/DBS	11/21/94	3547.84 (b)	-864.70	-1562.50	65.0	59.78	Flush Mount	2	45-60	38.5
MW-12	Eades Drig/DBS	11/16/94	3551.19 (b)	-818.40	-1192.90	60.0	60.11	Flush Mount	2	45-60	42.3
MW-13	Eades Drig/DBS	11/16/94	3547.78 (b)	-708.90	-1359.20	58.0	57.52	Flush Mount	2	43-58	39.5
SVE-1	Eades Drig/DBS	10/04/95	3551.22 (d)	-903.90	-1406.60	55.0	54.49	Flush Mount	2	35-55	32.9
SVE-2	Eades Drig/DBS	10/05/95	3551.96 (d)	-901.70	-1325.80	53.0	52.75	Flush Mount	2	33-53	30.8
SVE-3	Eades Drig/DBS	10/05/95	3552.75 (d)	-888.70	-1245.80	55.0	55.30	Flush Mount	2	35-55	32.6
SVE-4	Eades Drig/DBS	10/04/95	3553.03 (c)	-989.20	-1359.10	55.0	na	Flush Mount	2	30-55	27.9
SVE-5	Eades Drig/DBS	10/04/95	3554.39 (d)	-986.40	-1275.10	52.7	52.11	Flush Mount	2	32.7-52.7	30.0
SVE-6	Eades Drig/DBS	10/05/95	3553.74 (d)	-984.10	-1198.40	55.0	54.29	Flush Mount	2	35-55	32.8
SVE-7	Eades Drig/DBS	10/04/95	3553.81 (d)	-1071.00	1402.50	58.0	57.68	Flush Mount	2	33-58	31.8
SVE-8	Eades Drig/DBS	10/05/95	3555.25 (d)	-1072.80	-1314.70	56.5	56.76	Flush Mount	2	36.5-56.5	34.8
SVE-9	Eades Drig/DBS	10/05/95	3555.36 (d)	-1073.10	-1249.20	56.2	55.90	Flush Mount	2	36.2-56.2	34.2
SVE-10 (e)	GPI/CES	05/25/99	3554.40 (d)	-989.58	-1359.42	66.6	64.46	Flush Mount	4	47.5-62.5	42.7
SVE-11	GPI/CES	05/14/99	3555.33 (d)	-986.39	-1269.94	63.4	63.93	Flush Mount	4	47.5-62.5	44.5
SVE-12	GPI/CES	05/14/99	3555.64 (d)	-985.74	-1307.78	63.5	63.55	Flush Mount	4	47.5-62.5	42.7
SVE-13	GPI/CES	05/10/99	3554.11 (d)	-954.94	-1314.42	64.8	63.21	Flush Mount	4	47.5-62.5	42.3
SVE-14	GPI/CES	05/14/99	3554.83 (d)	-960.46	-1248.58	63.4	63.97	Flush Mount	4	47.5-62.5	43.5

NOTES:

- (a) Driller/Consultant
- (b) Survey by John West Engineering on 11/94
- (c) Survey by John West Engineering on 2/96
- (d) Survey by Cypress Engineering on 8/99
- (e) SVE-10 is an overdrill of SVE-4
- na - Information not available

**Table 6. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
TW WT-1 Compressor Station Dehy Area**

Well ID	Analytical Requirements		Benzene (ppb) Latest Result	Comments
	1st Semiannual Event	2nd Semiannual Event		
MW-9	BTEX	BTEX	< 1	
MW-10	BTEX	BTEX	na	contains PSH
MW-11	BTEX	BTEX	< 1	clean downgradient well
MW-12	BTEX	BTEX	< 1	clean downgradient well
MW-13	BTEX	BTEX	< 1	clean downgradient well
SVE-13	BTEX	BTEX	540	
SVE-14	BTEX	BTEX	na	contains PSH intermittently
Notes: 1) na - not available 2) BTEX - BTEX Compounds by EPA Method 8021B				

COVER LETTER

Wednesday, May 17, 2006

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

TEL: (281) 797-3420

FAX (281) 859-1881

RE: WT-1 Dehy

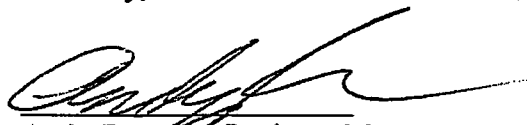
Order No.: 0605149

Dear George Robinson:

Hall Environmental Analysis Laboratory received 6 sample(s) on 5/15/2006 for the analyses presented in the following report.

This report is an addendum to the report dated May 17, 2006. The project name has been changed on this report. Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager

Nancy McDuffie, Laboratory Manager



Hall Environmental Analysis Laboratory

Date: 19-May-06

CLIENT: Cypress Engineering
Project: WT-1 Dehy

Lab Order: 0605149

Lab ID: 0605149-01

Collection Date: 5/10/2006 4:40:00 PM

Client Sample ID: MW-12

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: HLM
Benzene	ND	1.0		µg/L	1	5/16/2006 7:40:02 PM
Toluene	ND	1.0		µg/L	1	5/16/2006 7:40:02 PM
Ethylbenzene	ND	1.0		µg/L	1	5/16/2006 7:40:02 PM
Xylenes, Total	ND	3.0		µg/L	1	5/16/2006 7:40:02 PM
Surr: 4-Bromofluorobenzene	90.0	85-115		%REC	1	5/16/2006 7:40:02 PM

Lab ID: 0605149-02

Collection Date: 5/10/2006 5:15:00 PM

Client Sample ID: MW-9

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: HLM
Benzene	ND	1.0		µg/L	1	5/16/2006 8:09:04 PM
Toluene	ND	1.0		µg/L	1	5/16/2006 8:09:04 PM
Ethylbenzene	ND	1.0		µg/L	1	5/16/2006 8:09:04 PM
Xylenes, Total	ND	3.0		µg/L	1	5/16/2006 8:09:04 PM
Surr: 4-Bromofluorobenzene	91.5	85-115		%REC	1	5/16/2006 8:09:04 PM

Lab ID: 0605149-03

Collection Date: 5/10/2006 6:00:00 PM

Client Sample ID: MW-11

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: HLM
Benzene	ND	1.0		µg/L	1	5/16/2006 8:38:08 PM
Toluene	ND	1.0		µg/L	1	5/16/2006 8:38:08 PM
Ethylbenzene	ND	1.0		µg/L	1	5/16/2006 8:38:08 PM
Xylenes, Total	ND	3.0		µg/L	1	5/16/2006 8:38:08 PM
Surr: 4-Bromofluorobenzene	89.2	85-115		%REC	1	5/16/2006 8:38:08 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 19-May-06

CLIENT: Cypress Engineering
Project: WT-1 Dehy

Lab Order: 0605149

Lab ID: 0605149-04

Collection Date: 5/10/2006 6:15:00 PM

Client Sample ID: MW-13

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: HLM
Benzene	ND	1.0		µg/L	1	5/16/2006 9:07:06 PM
Toluene	ND	1.0		µg/L	1	5/16/2006 9:07:06 PM
Ethylbenzene	ND	1.0		µg/L	1	5/16/2006 9:07:06 PM
Xylenes, Total	ND	3.0		µg/L	1	5/16/2006 9:07:06 PM
Surr: 4-Bromofluorobenzene	92.8	85-115		%REC	1	5/16/2006 9:07:06 PM

Lab ID: 0605149-05

Collection Date: 5/11/2006 8:15:00 AM

Client Sample ID: SVE-13

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: HLM
Benzene	640	10		µg/L	10	5/16/2006 9:38:55 PM
Toluene	ND	10		µg/L	10	5/16/2006 9:38:55 PM
Ethylbenzene	120	10		µg/L	10	5/16/2006 9:38:55 PM
Xylenes, Total	67	30		µg/L	10	5/16/2006 9:38:55 PM
Surr: 4-Bromofluorobenzene	90.6	85-115		%REC	10	5/16/2006 9:38:55 PM

Lab ID: 0605149-06

Collection Date:

Client Sample ID: Trip Blank

Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: HLM
Benzene	ND	1.0		µg/L	1	5/16/2006 7:11:05 PM
Toluene	ND	1.0		µg/L	1	5/16/2006 7:11:05 PM
Ethylbenzene	ND	1.0		µg/L	1	5/16/2006 7:11:05 PM
Xylenes, Total	ND	3.0		µg/L	1	5/16/2006 7:11:05 PM
Surr: 4-Bromofluorobenzene	95.6	85-115		%REC	1	5/16/2006 7:11:05 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

QA/QC SUMMARY REPORT

Cypress Engineering
WT-1 Dehy

Work Order: 0605149

analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Batch ID: R19265									
Sample ID: 5ML REAGENT BLA									
MBLK									
benzene	ND	µg/L	1.0						
toluene	ND	µg/L	1.0						
ethylbenzene	ND	µg/L	1.0						
xylenes, Total	ND	µg/L	3.0						
Sample ID: 5ML REAGENT BLA									
MBLK									
benzene	ND	µg/L	1.0						
toluene	ND	µg/L	1.0						
ethylbenzene	ND	µg/L	1.0						
xylenes, Total	ND	µg/L	3.0						
Sample ID: 5ML REAGENT BLA									
MBLK									
benzene	ND	µg/L	1.0						
toluene	ND	µg/L	1.0						
ethylbenzene	ND	µg/L	1.0						
xylenes, Total	ND	µg/L	3.0						
Sample ID: 100NG BTEX LCS									
LCS									
benzene	20.22	µg/L	1.0	101	85	115			
toluene	21.93	µg/L	1.0	110	85	118			
ethylbenzene	21.10	µg/L	1.0	105	85	116			
xylenes, Total	42.97	µg/L	3.0	107	85	119			
Sample ID: 100NG BTEX LCS									
LCS									
benzene	20.22	µg/L	1.0	101	85	115			
toluene	21.93	µg/L	1.0	110	85	118			
ethylbenzene	21.10	µg/L	1.0	105	85	116			
xylenes, Total	42.97	µg/L	3.0	107	85	119			
Sample ID: 100NG BTEX LCS									
LCS									
benzene	19.26	µg/L	1.0	96.3	85	115			
toluene	20.41	µg/L	1.0	102	85	118			
ethylbenzene	19.99	µg/L	1.0	99.9	85	116			
xylenes, Total	40.55	µg/L	3.0	101	85	119			
Sample ID: 100NG BTEX LCSD									
LCSD									
benzene	20.55	µg/L	1.0	103	85	115	1.61	27	
toluene	22.02	µg/L	1.0	110	85	118	0.409	19	
ethylbenzene	20.93	µg/L	1.0	105	85	116	0.771	10	
xylenes, Total	42.10	µg/L	3.0	105	85	119	2.05	13	
Sample ID: 100NG BTEX LCSD									
LCSD									
benzene	18.70	µg/L	1.0	93.5	85	115	2.93	27	
toluene	20.22	µg/L	1.0	101	85	118	0.916	19	
ethylbenzene	19.80	µg/L	1.0	99.0	85	116	0.945	10	
xylenes, Total	40.13	µg/L	3.0	100	85	119	1.04	13	

Qualifiers:

E	Value above quantitation range	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	Spi 3 / 4 recovery outside accepted recovery limits

Full Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name CYP

Date and Time Received:

5/15/2006

Work Order Number 0605149

Received by GLS

Checklist completed by

B. Schlyper

5-15-06

Signature

Date

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 ☐

VOA vials have zero headspace?

No VOA vials submitted ☐

Yes ☒

No ☐

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

Container/Temp Blank temperature?

5°

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4
www.hallenvironmental.com

Client: A	Project Name: A
-----------	-----------------

14 PLESS LARKIN EMBLING, SUNDRIES	TRANS WOODS ROAD 14 PLESS LARKIN EMBLING
7171 Hwy 6 N, STE 102	WTF-1 ERP WTF-1 Deliv v18

Address:	Houston TX 77095	Project #:	1000000000
----------	------------------	------------	------------

trap with 100g

Project Manager: George Robinson

Sampler: Stanley Stanley

Sample Temperature: 5

Phone #: 281 797 3420

Fax #: 281 859 1881

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative		HEAL No.
					HgCl ₂	HNO ₃	
7/1/60	1640	W	MW-12	3/40ml	X		0605149
	1715		MW-9	}	}		1
	1800		MW-11				2
	1815		MW-13				3
			SVE-13	}	}		4
7/1/60	0805	W	Trap Blank				5
				2/40			6

Date: 5/14/00	Time: 14:22	Relinquished By: (Signature) <i>[Signature]</i>	Relinquished By: (Signature) <i>[Signature]</i>	Received By: (Signature) <i>[Signature]</i>	5/15/00 0940
Date:	Time:	Relinquished By: (Signature)	Relinquished By: (Signature)	Received By: (Signature)	

ANALYSIS REQUEST

[illegible]

Remarks:

COVER LETTER

Wednesday, December 27, 2006

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 DEHY

Order No.: 0612235

Dear George Robinson:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 12/20/2006 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

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



Hall Environmental Analysis Laboratory, Inc.

Date: 27-Dec-06

CLIENT: Cypress Engineering
Project: TWP WT-1 DEHY

Lab Order: 0612235

Lab ID: 0612235-01

Collection Date: 12/14/2006 12:15:00 PM

Client Sample ID: MW-12

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: BDH
Benzene	ND	1.0		µg/L	1	12/21/2006 10:32:02 AM
Toluene	ND	1.0		µg/L	1	12/21/2006 10:32:02 AM
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006 10:32:02 AM
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006 10:32:02 AM
Surr: 4-Bromofluorobenzene	81.0	70.2-105		%REC	1	12/21/2006 10:32:02 AM

Lab ID: 0612235-02

Collection Date: 12/14/2006 12:45:00 PM

Client Sample ID: MW-9

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: BDH
Benzene	ND	1.0		µg/L	1	12/21/2006 11:02:17 AM
Toluene	ND	1.0		µg/L	1	12/21/2006 11:02:17 AM
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006 11:02:17 AM
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006 11:02:17 AM
Surr: 4-Bromofluorobenzene	81.1	70.2-105		%REC	1	12/21/2006 11:02:17 AM

Lab ID: 0612235-03

Collection Date: 12/14/2006 3:00:00 PM

Client Sample ID: MW-11

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: BDH
Benzene	ND	1.0		µg/L	1	12/21/2006 11:32:30 AM
Toluene	ND	1.0		µg/L	1	12/21/2006 11:32:30 AM
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006 11:32:30 AM
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006 11:32:30 AM
Surr: 4-Bromofluorobenzene	81.8	70.2-105		%REC	1	12/21/2006 11:32:30 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 27-Dec-06

CLIENT: Cypress Engineering
Project: TWP WT-1 DEHY

Lab Order: 0612235

Lab ID: 0612235-04

Collection Date: 12/14/2006 3:05:00 PM

Client Sample ID: MW-13

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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EPA METHOD 8021B: VOLATILES

Analyst: BDH

Benzene	ND	1.0		µg/L	1	12/21/2006 12:02:37 PM
Toluene	ND	1.0		µg/L	1	12/21/2006 12:02:37 PM
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006 12:02:37 PM
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006 12:02:37 PM
Surr: 4-Bromofluorobenzene	84.5	70.2-105		%REC	1	12/21/2006 12:02:37 PM

Lab ID: 0612235-05

Collection Date: 12/14/2006 2:20:00 PM

Client Sample ID: SVE-13

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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EPA METHOD 8021B: VOLATILES

Analyst: BDH

Benzene	540	20		µg/L	20	12/26/2006 12:28:00 PM
Toluene	12	1.0		µg/L	1	12/21/2006 12:32:42 PM
Ethylbenzene	110	20		µg/L	20	12/26/2006 12:28:00 PM
Xylenes, Total	72	3.0		µg/L	1	12/21/2006 12:32:42 PM
Surr: 4-Bromofluorobenzene	89.4	70.2-105		%REC	1	12/21/2006 12:32:42 PM

Lab ID: 0612235-06

Collection Date:

Client Sample ID: Trip Blank

Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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EPA METHOD 8021B: VOLATILES

Analyst: BDH

Benzene	ND	1.0		µg/L	1	12/26/2006 11:55:12 AM
Toluene	ND	1.0		µg/L	1	12/26/2006 11:55:12 AM
Ethylbenzene	ND	1.0		µg/L	1	12/26/2006 11:55:12 AM
Xylenes, Total	ND	3.0		µg/L	1	12/26/2006 11:55:12 AM
Surr: 4-Bromofluorobenzene	89.0	70.2-105		%REC	1	12/26/2006 11:55:12 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

QA/QC SUMMARY REPORT

Client: Cypress Engineering
 Project: TWP WT-1 DEHY

Work Order: 0612235

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8021

Sample ID: 0612235-01A MSD

MSD

Batch ID: R21911

Analysis Date: 12/21/2006 2:02:53 PM

Benzene	17.63	µg/L	1.0	88.2	85.9	113	4.14	27
Toluene	17.95	µg/L	1.0	89.8	86.4	113	2.57	19
Ethylbenzene	17.53	µg/L	1.0	87.6	83.5	118	3.07	10
Xylenes, Total	52.87	µg/L	3.0	88.1	83.4	122	1.73	13

Sample ID: 5ML RB

MBLK

Batch ID: R21911

Analysis Date: 12/21/2006 8:26:19 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	3.0

Sample ID: 5ML RB

MBLK

Batch ID: R21941

Analysis Date: 12/26/2006 10:13:56 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	3.0

Sample ID: 100NG LCS

LCS

Batch ID: R21911

Analysis Date: 12/21/2006 10:01:53 AM

Benzene	18.12	µg/L	1.0	90.6	85.9	113
Toluene	17.98	µg/L	1.0	89.9	86.4	113
Ethylbenzene	17.47	µg/L	1.0	87.4	83.5	118
Xylenes, Total	53.04	µg/L	3.0	88.4	83.4	122

Sample ID: 100NG BTEX LCS

LCS

Batch ID: R21941

Analysis Date: 12/26/2006 1:18:26 PM

Benzene	18.69	µg/L	1.0	93.4	85.9	113
Toluene	18.54	µg/L	1.0	92.7	86.4	113
Ethylbenzene	18.05	µg/L	1.0	90.2	83.5	118
Xylenes, Total	54.61	µg/L	3.0	91.0	83.4	122

Sample ID: 0612235-01A MS

MS

Batch ID: R21911

Analysis Date: 12/21/2006 1:32:48 PM

Benzene	18.38	µg/L	1.0	91.9	85.9	113
Toluene	18.42	µg/L	1.0	92.1	86.4	113
Ethylbenzene	18.08	µg/L	1.0	90.4	83.5	118
Xylenes, Total	53.79	µg/L	3.0	89.6	83.4	122

Qualifiers:

E	Value above quantitation range	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 and Time Received:

12/20/2006

Work Order Number 0612235

Received by TLS

Checklist completed by

Signature

Date

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 - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
Container/Temp Blank temperature?	5°	4° C ± 2 Acceptable If given sufficient time to cool.	

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

COVER LETTER

Friday, September 29, 2006

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 DEHY

Order No.: 0609221

Dear George Robinson:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 9/20/2006 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

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

AZ license # AZ0682
ORELAP Lab # NM100001



Hall Environmental Analysis Laboratory, Inc.

Date: 29-Sep-06

CLIENT: Cypress Engineering
Project: TWP WT-1 DEHY
Lab Order: 0609221

CASE NARRATIVE

Analytical Comments for METHOD 8015GRO_A, SAMPLE 0609221-01A: Elevated surrogate due to matrix interference. Analytical Comments for METHOD 8015GRO_A, SAMPLE 0609221-02A: Elevated surrogate due to matrix interference.

Hall Environmental Analysis Laboratory, Inc.

Date: 29-Sep-06

CLIENT: Cypress Engineering
Project: TWP WT-1 DEHY

Lab Order: 0609221

Lab ID: 0609221-01

Collection Date: 9/18/2006 3:45:00 PM

Client Sample ID: SVE-1

Matrix: AIR

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	1250	25.0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: <C5	1.70	0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: C05-C6	4.20	0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: C06-C7	15.1	0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: C07-C8	29.2	0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: C08-C9	27.0	0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: C09-C10	15.6	0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: C10-C11	6.00	0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: C11-C12	1.20	0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: C12-C14	ND	0		µg/L	5	9/21/2006 12:21:53 PM
% GRO Hydrocarbons: C14+	ND	0		µg/L	5	9/21/2006 12:21:53 PM
Surr: BFB	235	84.5-129	S	%REC	5	9/21/2006 12:21:53 PM

Lab ID: 0609221-02

Collection Date: 9/18/2006 3:55:00 PM

Client Sample ID: SVE-2

Matrix: AIR

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	1300	25.0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: <C5	1.80	0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: C05-C6	4.40	0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: C06-C7	15.7	0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: C07-C8	29.9	0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: C08-C9	27.4	0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: C09-C10	14.7	0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: C10-C11	5.40	0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: C11-C12	0.700	0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: C12-C14	ND	0		µg/L	5	9/21/2006 12:51:58 PM
% GRO Hydrocarbons: C14+	ND	0		µg/L	5	9/21/2006 12:51:58 PM
Surr: BFB	226	84.5-129	S	%REC	5	9/21/2006 12:51:58 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP WT-1 DEHY

Work Order: 0609221

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
---------	--------	-------	-----	------	----------	-----------	------	----------	------

Method: SW8015

Sample ID: 5ML RB

MBLK

Batch ID: R20776 Analysis Date: 9/21/2006 8:55:07 AM

Gasoline Range Organics (GRO)

ND

mg/L

0.050

Sample ID: 2.5UG GRO LCS

LCS

Batch ID: R20776 Analysis Date: 9/21/2006 4:55:56 PM

Gasoline Range Organics (GRO)

0.5160

mg/L

0.050

99.6

73.3

119

Qualifiers:

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S 3 / 4 Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name CYP

Date and Time Received:

9/20/2006

Work Order Number 0609221

Received by

BLM

Checklist completed by

Bobby Morris
Signature

9/20/06
Date

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 - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒	

Container/Temp Blank temperature?

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

GA / QC Package ☐ Std ☐ Level 4 ☐

Other: _____

Project Name: TRANSWESTERN PIPELINE CO
WT-1 DETHY

Project #: TWP - WT-1 DETHY

Project Manager: GEORGE ROBINSON

Sampler: SANDY SHAFER

Sample Temperature: _____

QA/QC Package

Other:

Client:

Project Name:

Project Name: TRANSWESTERN PIPELINE CO

WT-1 DE774

Address:

Address;

7171 Hwy 66 North, STE 102
Austin TX 77095

Project Manager:

Project Manager: George Robinson

Phone #:

28 7973421

Fax #:

281859781

Dat

Time

Matrix

Sample ID No.

Number/Volume

Preservative

[illegible]

HEAL No.

5551	27876
5451	27876

1545	A	5VE-1	1/L
555	A	5VE-2	1/L

HEAL No. 771

1	-1
1	-2

Sampler:

Sample Temperature:

ANALYSIS REQUEST

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4141
www.hallenvironmental.com

BTEX + MTBE + TMB's (8021)
 BTEX + MTBE + TPH (Gasoline 0
 TPH Method 8015B (Gas/Oilse)
 TPH (Method 418.1)
 EDB (Method 504.1)
 EDC (Method 8021)
 B310 (PNA or PAH)
 PCRA 8 Metals
 Anions (F, Cl, NO₂, NO₃, PO₄, SO₄)
 8081 Pesticides / PCB's (8082)
 8260B (VOA)
 B270 (Semi-VOA)

Роман

Received By: (Signature) *S. Chapp* 9-20-01
Received By: (Signature)

Date: 9/19/06	Time: 1800	Relinquished By: (Signature) [Signature]
Date:	Time:	Relinquished By: (Signature)

GW - 109

**MONITORING
REPORTS**

DATE:

2/01/2007



Cypress Engineering

7171 Highway 6 North, Suite 102
Houston, Texas 77095-2422

(281) 797-3420 office
(281) 859-1881 fax

February 1, 2007

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

RECEIVED

GW 109

FEB 05 2007

Oil Conservation Division
Environmental Bureau

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

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 (505) 625-8022.

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment: Larry Campbell
Larry Johnson

Transwestern Pipeline Company
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**

**Submitted to:
New Mexico Oil Conservation Division**

February 1, 2007

**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**

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1. Groundwater Monitoring Activities

1.1 Semi-Annual Groundwater Sampling Events

Two semi-annual groundwater-sampling events have been completed since the last report of remediation activities. These events were completed on May 10, 2006 and December 13, 2006.

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 December 13, 2006 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-2, RW-1, RW-2, RW-3, and RW-8, and the absence of a measurable thickness of PSH in all other wells. The thickness of accumulated PSH in monitor well MW-2 could not be measured during the last eleven sampling events due to the water table dropping below the total depth of the well.

1.2.3 *Condition of Affected Groundwater*

The condition of affected groundwater, based on the recent sampling events, has not changed significantly from previous sampling events as evidenced by the information presented in Table 4 and Table 6. The primary constituents of concern are benzene, 1,1-dichloroethane, and trichloroethene. Distribution maps for BTEX, selected VOCs, and selected inorganic constituents are included as Figure 4, Figure 5, and Figure 6, respectively.

2. Status of Remediation Activities

2.1 Remediation Activities Completed through December 2006

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

- 1) Two groundwater-sampling events were completed.

2.2 Remediation Activities Planned for January 2007 through December 2007

Semiannual groundwater sampling will continue.

3. Proposed Modifications

3.1 Modifications to the Routine Groundwater Sampling Plan

Sampling location, frequency and the sampling analysis plan will continue on a semiannual basis. A summary of the sample analysis plan is 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, 2008.

FORMER ENGINE ROOM DRAIN AND
FILTER PIT REMEDIATION AREA

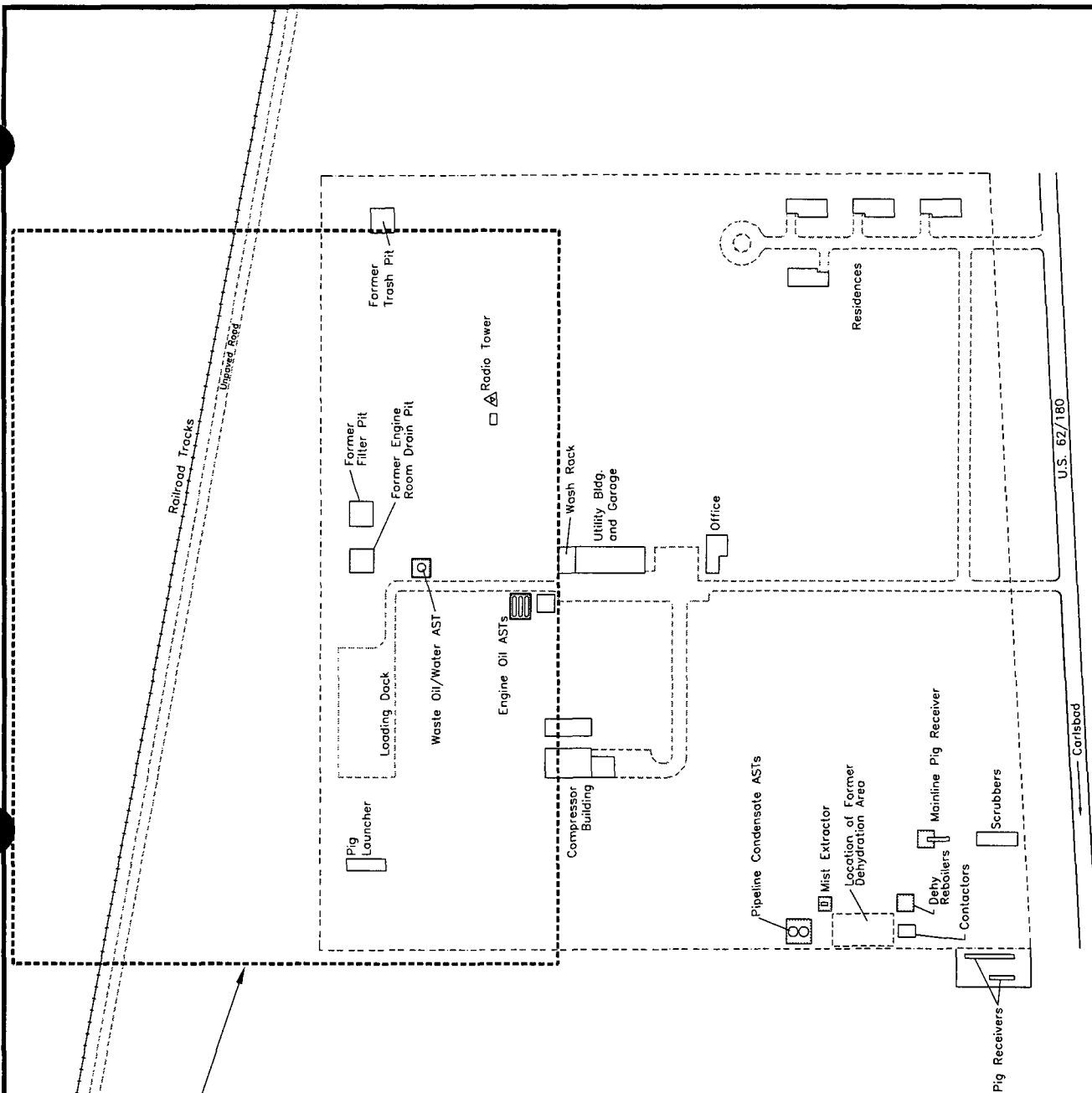
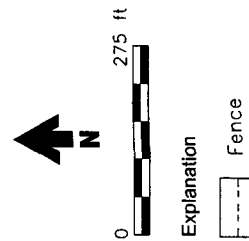
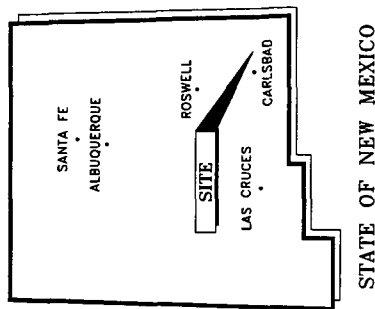


FIGURE 1

Facility Site Map

WT-1 COMPRESSOR STATION
TRANSWESTERN PIPELINE COMPANY

CYPRESS ENGINEERING SERVICES, INC.

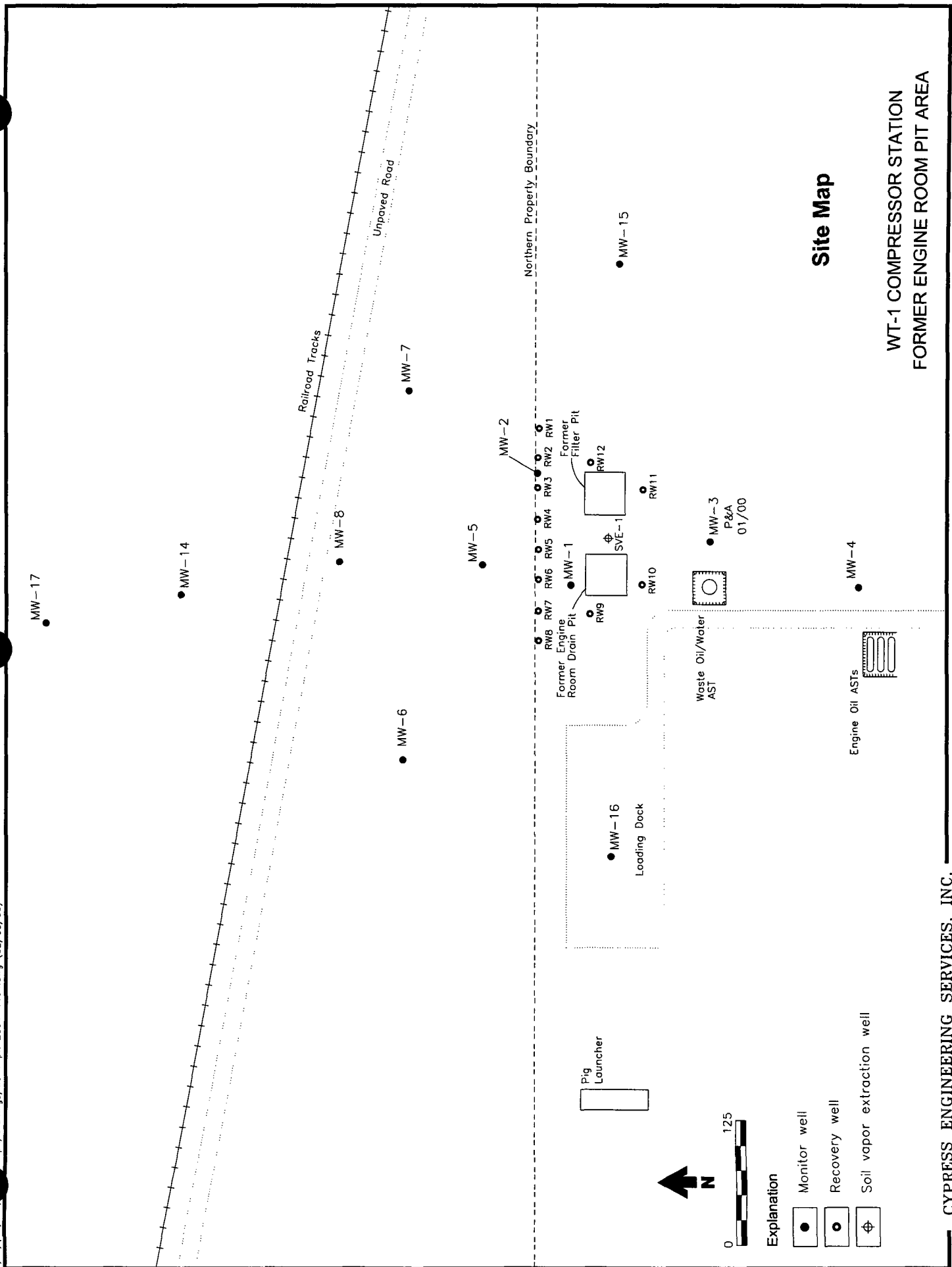
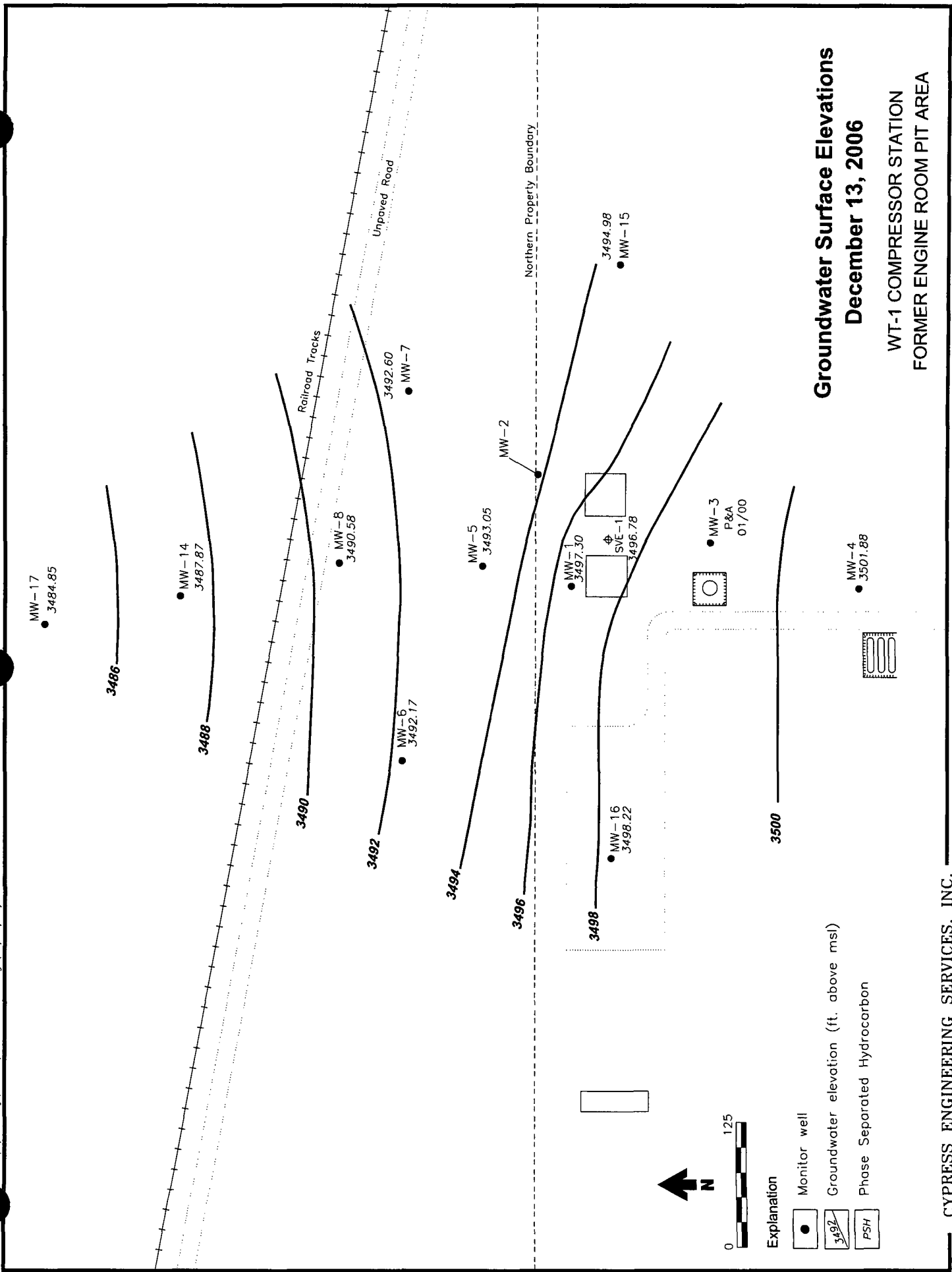


Figure 2



Groundwater Surface Elevations **December 13, 2006**

WT-1 COMPRESSOR STATION
FORMER ENGINE ROOM PIT AREA

Figure 3

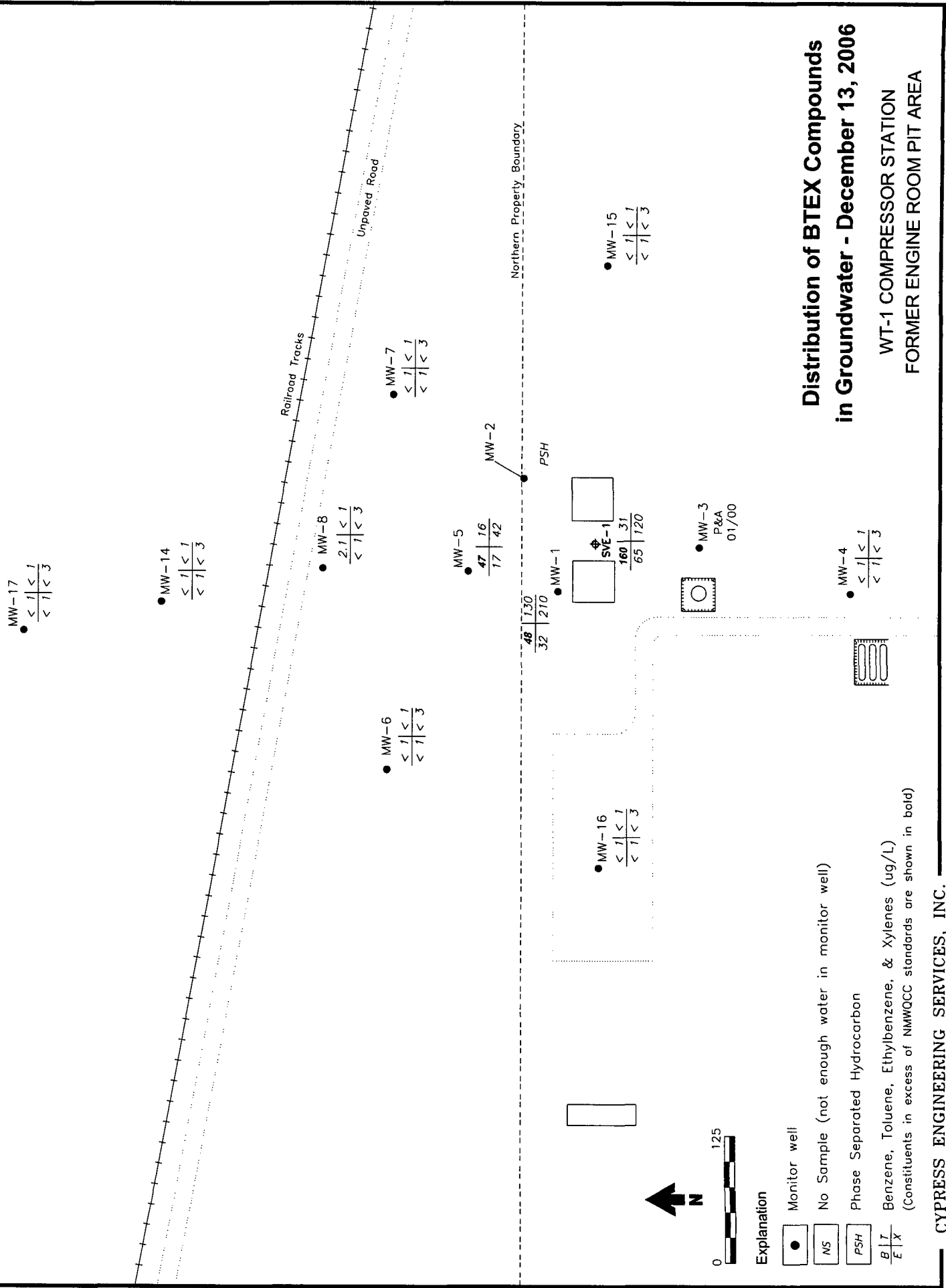
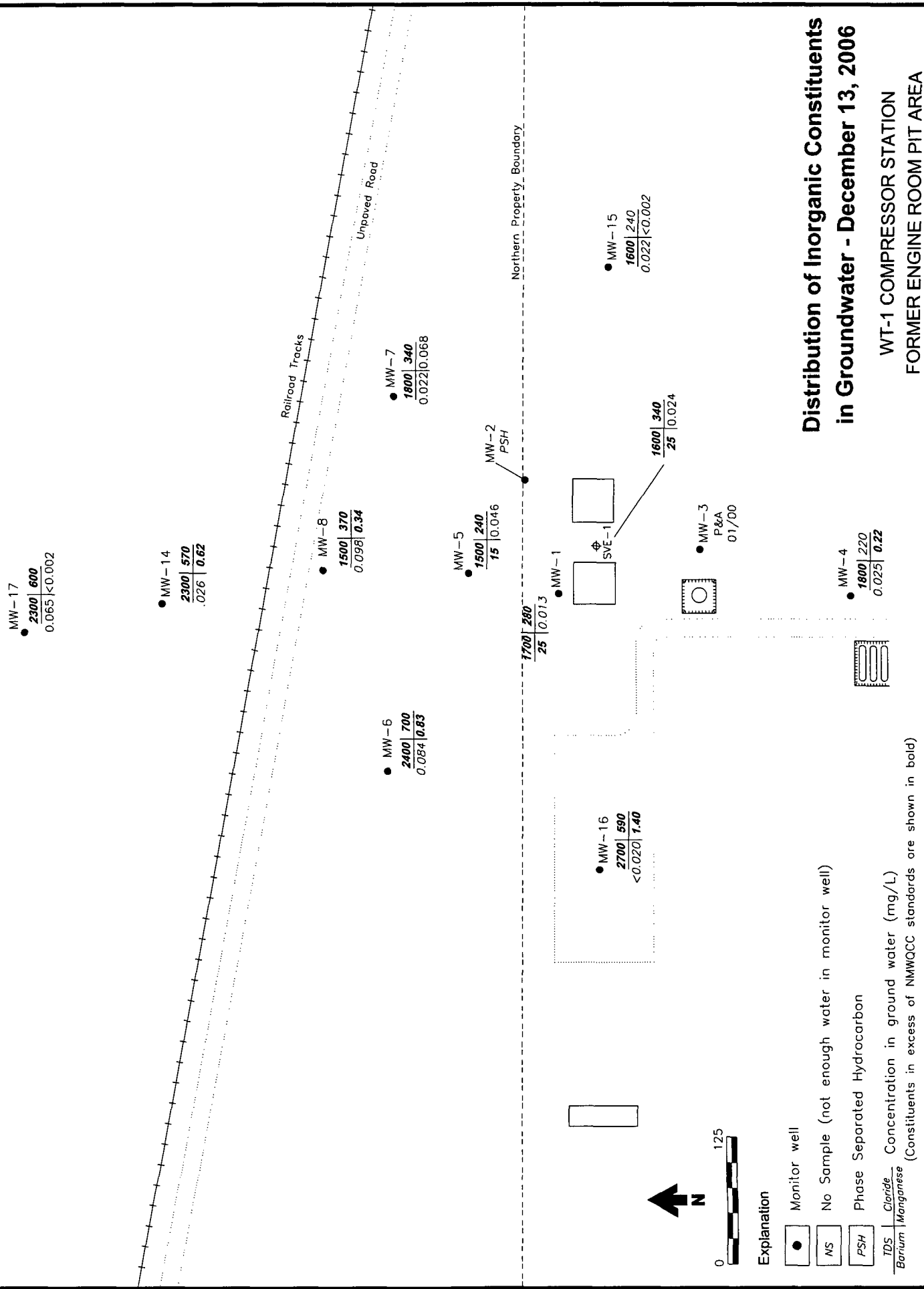


Figure 4





Distribution of Inorganic Constituents in Groundwater - December 13, 2006

**WT-1 COMPRESSOR STATION
FORMER ENGINE ROOM PIT AREA**

Figure 6

**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

**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	--	sheen	NA *
	12/13/06		51.81	--	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

**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

**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

**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

**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

**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

**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

**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
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

**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

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
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

**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
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

**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
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

**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
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

**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-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		---	---	---	---
	05/25/04		---	---	---	---
	11/09/04		---	---	---	---
	04/11/05		---	---	---	---
	12/01/05		---	---	---	---
	05/10/06		---	---	---	---
	12/13/06		---	---	---	---
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

**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-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
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

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

**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 odor, 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
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

**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
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

**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
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

**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, slight 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
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

**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
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
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	--	gray/black, 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

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

		BTEX (ug/L)				Other VOCs (ug/L)													
Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	ds-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
	04/17/98	14	93	8	96	2400	100	11	<5	460	11	<5	<5	230	2100	8	<5	30	<10
Dup (MW-17)	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
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	< 0.2	7.6	0.9	< 0.2	< 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	< 10	6	< 5	< 5	< 5	< 5	na	< 5	< 50	< 5	< 5	< 5	< 10	
	11/12/96	< 5	< 5	< 5	< 5	< 100	< 10	6	< 5	< 5	< 5	< 5	na	< 5	< 50	< 5	< 5	< 5	< 10	
	02/04/97	< 5	< 5	< 5	< 5	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	100	< 5	< 5	< 5	< 10	
	05/10/97	< 5	< 5	< 5	< 5	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 50	< 5	< 5	< 5	< 10	
	08/06/97	< 5	< 5	< 5	< 5	< 100	< 10	< 5	< 5	< 5	< 5	5.4	< 5	< 5	< 50	< 5	< 5	< 5	< 10	
	10/08/97	< 5	< 5	< 5	< 5	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 10	
	01/23/98	< 5	< 5	< 5	< 5	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 10	
	04/16/98	< 5	< 5	< 5	< 5	< 100	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 10	
	07/16/98	< 5	< 5	< 5	< 5	< 100	< 10	< 5	< 5	< 5	< 5	5	< 5	< 5	< 10	< 5	< 5	< 5	< 10	
	01/26/99	< 1	< 1	< 1	< 1	< 20	< 2	< 2	< 1	< 1	< 1	4	< 1	< 2	< 10	< 1	< 1	< 1	< 2	
	07/08/99	< 1	< 1	< 1	< 1	< 20	< 2	< 2	4	1	< 1	4	< 1	< 2	< 10	< 1	< 1	< 1	< 2	
	01/27/00	< 1	< 1	< 1	< 1	< 20	< 2	< 2	4	1	< 1	4	< 1	< 2	< 10	< 1	< 1	< 1	< 2	
	07/17/00	< 1	< 1	< 1	< 1	< 20	< 2	< 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	< 1.00	< 1.00	2.79	< 1.00	< 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	< 1	< 1	2.3	< 1	< 1	< 1	3.6	< 1	< 5	< 5	< 1	< 1	< 1	< 1
02/28/02	< 1	< 1	< 1	< 2	< 10	< 1	< 1	2.00	< 1	< 1	< 1	2.92	< 1	< 5	< 5	< 1	< 1	< 1	< 1	
08/01/02	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 1.0	< 1.0	2.1	1.8	< 1.0	< 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	< 2.0	< 2.0	< 1.0	< 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	< 2.0	< 2.0	< 1.0	< 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	< 2.0	< 2.0	< 1.0	< 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	< 2.0	< 2.0	< 1.0	< 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	< 2.0	< 2.0	1.2	1.4	< 1.0	< 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	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 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	< 2.0	< 2.0	< 1.0	< 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	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 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

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

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)										Trichloroethene	Vinyl chloride
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	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		
NMWQCC Standard		10	750	750	620	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	< 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	< 10	17	< 5	< 5	na	< 5	< 50	< 5	< 5	21	< 10
	11/12/96	< 5	< 5	< 5	< 5	< 100	< 10	12	< 5	< 5	na	< 5	< 50	< 5	< 5	15	< 10
	02/04/97	< 5	< 5	< 5	< 5	< 100	< 10	11	< 5	< 5	6	< 50	< 50	< 5	< 5	18	< 10
	05/10/97	< 5	< 5	< 5	< 5	< 100	< 10	10	< 5	< 5	< 5	< 50	< 50	< 5	< 5	14	< 10
	08/07/97	< 5	< 5	< 5	< 5	< 100	< 10	12	< 5	< 5	7	< 5	< 50	< 5	< 5	16	< 10
	10/09/97	< 5	< 5	< 5	< 5	< 100	< 10	12	< 5	< 5	7	< 5	< 50	< 5	< 5	16	< 10
	01/23/98	< 5	< 5	< 5	< 5	< 100	< 10	14	< 5	< 5	7	< 5	< 10	< 5	< 5	15	< 10
	04/16/98	< 5	< 5	< 5	< 5	< 100	< 10	13	< 5	< 5	8	< 5	< 10	< 5	< 5	17	< 10
	07/16/98	< 5	< 5	< 5	< 5	< 100	< 10	12	< 5	< 5	7	< 5	< 10	< 5	< 5	14	< 10
	01/27/99	1	< 1	< 1	< 1	< 20	< 2	11	< 1	3	8	< 2	< 10	< 1	< 1	16	< 2
	07/08/99	2	< 1	< 1	< 1	< 20	< 2	12	< 1	2	9	< 2	< 10	< 1	< 1	18	< 2
	01/27/00	2	< 1	< 1	< 1	< 20	< 2	14	< 1	3	9	< 2	< 10	< 1	< 1	19	< 2
	07/18/00	2	< 1	< 1	< 1	< 20	< 2	14	< 1	3	10	< 2	< 10	< 1	< 1	19	< 2
	02/18/01	1.60	< 1.00	< 1.00	< 1.00	< 10.00	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 1.0	6.5	< 1.0	< 1.0	4.1	< 1.0	< 10	< 1.0	< 1.0	11	< 1.0

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

		BTEX (ug/L)				Other VOCs (ug/L)													
Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	Methyl ethyl ketone (2-butanone)	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	ds-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	< 1	< 3	< 10	< 10	< 1	< 1	21.6	< 1	1.79	15	< 5	< 5	< 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	< 1.0	2.9	24	< 3.0	< 15	< 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	< 1.0	2.0	20	< 3.0	< 15	< 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	< 1.0	2.0	34	< 3.0	< 10	< 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	< 1.0	1.4	28	< 3.0	< 10	< 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	< 1.0	31	< 3.0	< 10	< 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	< 1.0	1.9	34	< 3.0	< 10	< 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	< 1.0	1.4	33	< 3.0	< 10	< 1.0	12	< 1.0	
05/11/06	< 1.0	< 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	< 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

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
	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
	07/17/98	20	< 5	< 5	< 5	< 100	< 20	< 10	< 5	88	< 5	< 5	31	< 5	< 10	< 5	< 5	52	< 10
Dup (MW-17)	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
Dup (MW-17)	07/18/00	21	< 1	< 1	< 1	< 20	< 20	< 2	< 1	100	2	5	45	< 2	< 10	< 1	< 1	59	< 2
	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
Dup (MW-18)	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
	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	< 20	< 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	< 2.0
	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
	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	< 2	< 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	< 2	< 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	< 2	< 2	< 1.0	33	1.1	1.2	19	< 3	< 10	< 1.0	< 1.0	18	< 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	ds-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	< 10	< 5	24	< 10	< 5	< 5	na	< 5	< 50	< 5	< 5	11	< 10
	11/12/96	< 5	< 5	< 5	< 5	< 100	< 10	< 5	25	< 10	< 5	< 5	na	< 5	< 50	< 5	< 5	13	< 10
	02/04/97	< 5	< 5	< 5	< 5	< 100	< 10	< 5	21	< 5	< 5	< 5	< 5	< 50	< 50	< 5	< 5	13	< 10
	05/10/97	< 5	< 5	< 5	< 5	< 100	< 10	< 5	22	< 5	< 5	< 5	< 5	< 50	< 50	< 5	< 5	12	< 10
	08/07/97	< 5	< 5	< 5	< 5	< 100	< 10	< 5	27	< 5	< 5	< 5	< 5	< 5	< 50	< 5	< 5	14	< 10
	10/09/97	< 5	< 5	< 5	< 5	< 100	< 10	< 5	27	< 5	< 5	< 5	< 5	6 ^b	< 50	< 5	< 5	15	< 10
	01/23/98	< 5	< 5	< 5	< 5	< 100	< 10	< 5	31	< 5	< 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	< 1.00	< 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	< 1.06
	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	< 1.0	5.8	< 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	< 1.0	5.0	< 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	1.0	5.3	< 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	< 1.0	5.0	< 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	< 1.0	4.1	< 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	< 1.0	4.5	< 10	< 1.0	< 1.0	7.4	< 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	cs-1,2-Dichloroethene	Dichloromethane (Methylene chloride)	4-methyl-2-pentanone	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Vinyl chloride
NMWWQCC 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	<50	<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	5	<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
Dup (MW-17)	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
	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	<2.0
	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

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

		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	
Well ID	Sampling Date	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	< 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	< 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	< 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	< 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	< 1.0	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	< 1.0	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	< 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	< 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	< 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	< 1.0	1.4	< 1.0	< 3.0	< 10	5.2	< 1.0	< 1.0	< 1.0	
05/11/06	< 1.0	< 1.0	< 1.0	< 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	< 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	

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	ds-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	< 2.0	1.6	1.9	< 1.0	< 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	< 2.0	2.4	3.0	< 1.0	< 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	< 2.0	1.7	2.1	< 1.0	< 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	< 2.0	1.6	1.7	< 1.0	< 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	< 2.0	1.1	< 2.0	< 1.0	< 1.0	1.9	< 1.0	< 3.0	< 10	1.4	< 1.0	1.2	< 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	< 100	< 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	20.8	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	

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
	04/17/98	Naphthalene	24	5
	04/17/98	1,2,4-Trimethylbenzene	40	5
Dup(MW-17)	04/17/98	1,3,5-Trimethylbenzene	14	5
	04/17/98	2-Hexanone	26	10
	07/17/98	Naphthalene	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
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	Naphthalene	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-Methylnapthalene	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

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

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-Propylbenzene	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-Propylbenzene	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
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 ₃ /NO ₂ - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as CaCO ₃)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc	
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	< 5.0	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	
											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	2890	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	

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
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
											< 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	< 0.01	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	0.0198	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

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	
NMW/QCC 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	
Dup (MW-17)										(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	
	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	
	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	
Dup (MW-17)	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	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	

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
		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	< 0.03	0.37	< 0.01	< 0.01	na	na	na	na	na	na	na	na
	11/12/96	2460	715	527	na	na	na	na	na	na	< 0.03	0.12	< 0.01	< 0.01	< 0.01	0.01	< 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	0.55	< 0.01	0.02	0.03	14	< 0.03	< 0.0002	1.1	< 0.04	< 0.01	0.05
											< 0.03	0.1	< 0.01	< 0.01	< 0.01	0.01	< 0.03	< 0.0002	0.69	< 0.04	< 0.01	< 0.03
	05/10/97	2550	700	463	< 0.05	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
	08/07/97	2660	720	427	0.4	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
	10/09/97	2710	710	468	< 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
	01/23/98	2190	700	378	< 0.05	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
	04/16/98	1700	720	500	0.89	na	na	na	na	na	< 0.1	0.110	< 0.005	< 0.01	< 0.01	0.70	< 0.05	< 0.0002	0.832	< 0.005	< 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	0.638	< 0.05	< 0.0002	0.888	< 0.010	< 0.0030	< 0.010
	07/08/99	2400	720	390	< 0.01	na	na	na	na	na	< 0.010	0.114	< 0.0020	< 0.0050	< 0.0020	0.707	na	< 0.00020	0.804	na	na	na
	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

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	
		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	
											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	na
	08/21/01	2290	394	632	730	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	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	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	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	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	na	< 0.020	0.022	na	na	na	< 0.05	na	na	0.068	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
MMWQCC 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	na
											<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	<0.01	<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
	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
Dup (MW-17)	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
Dup (MW-17)	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
	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
Dup (MW-17)	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
	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
Dup (MW-18)	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
	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
Dup (MW-19)	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
	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

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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	
											< 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	
	09/07/97	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	< 0.03	
	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	< 0.03	
	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	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	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	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	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	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	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	na	< 0.020	0.026	na	na	na	< 0.050	na	na	0.62	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	
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	
											< 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	13.6	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	< 0.002	< 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 ₃ /NO ₂ - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as CaCO ₃)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
MW16	09/14/95	1000	250	600	10	none	none	none	none	410	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
	11/12/96	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
	02/04/97	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
		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
											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
	09/06/97	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	< 0.05	na	na	1.4	na	na	na
MW17	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
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

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-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	Alkins/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
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

**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-11	GPI/CES	09/22/00	3,545.74	-107.8	-588.2	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		1,1-DCA (ppb) Latest Result	Comments
	1st Semiannual Event	2nd Semiannual Event		
MW-1	VOC's	VOC's & Inorganics	380	
MW-2	na	na	na	Well contains PSH
MW-3	na	na	na	Well abandoned
MW-4	VOC's	VOC's & Inorganics	< 2	
MW-5	VOC's	VOC's & Inorganics	210	
MW-6	VOC's	VOC's & Inorganics	6.5	
MW-7	VOC's	VOC's & Inorganics	38	
MW-8	VOC's	VOC's & Inorganics	33	
MW-14	VOC's	VOC's & Inorganics	28	
MW-15	VOC's	VOC's & Inorganics	3.1	
MW-16	VOC's	VOC's & Inorganics	< 2	
MW-17	VOC's	VOC's & Inorganics	< 2	
SVE-1A	VOC's	VOC's & Inorganics	230	
Notes: 1) VOC's by 8260 2) Inorganics include TDS, Cl, NO2/NO3 as N, As, Ba, Fe & Mn 3) "Comments" are provided for wells that will not be sampled during one or more events				

COVER LETTER

Thursday, May 18, 2006

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

TEL: (281) 797-3420

FAX (281) 859-1881

RE: Transwestern Pipeline Co. WT-1 ERP

Order No.: 0605148

Dear George Robinson:

Hall Environmental Analysis Laboratory received 13 sample(s) on 5/15/2006 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

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

AZ license # AZ0682
ORELAP Lab # NM100001



Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-01

Client Sample ID: SVE-1A
Collection Date: 5/11/2006 11:00:00 AM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	110	5.0		µg/L	5	5/16/2006 8:24:09 PM
Toluene	23	5.0		µg/L	5	5/16/2006 8:24:09 PM
Ethylbenzene	41	5.0		µg/L	5	5/16/2006 8:24:09 PM
Methyl tert-butyl ether (MTBE)	ND	7.5		µg/L	5	5/16/2006 8:24:09 PM
1,2,4-Trimethylbenzene	77	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,3,5-Trimethylbenzene	54	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,2-Dichloroethane (EDC)	8.1	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Naphthalene	33	10		µg/L	5	5/16/2006 8:24:09 PM
1-Methylnaphthalene	ND	20		µg/L	5	5/16/2006 8:24:09 PM
2-Methylnaphthalene	ND	20		µg/L	5	5/16/2006 8:24:09 PM
Acetone	ND	50		µg/L	5	5/16/2006 8:24:09 PM
Bromobenzene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Bromochloromethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Bromodichloromethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Bromoform	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Bromomethane	ND	10		µg/L	5	5/16/2006 8:24:09 PM
2-Butanone	ND	50		µg/L	5	5/16/2006 8:24:09 PM
Carbon disulfide	ND	50		µg/L	5	5/16/2006 8:24:09 PM
Carbon Tetrachloride	ND	10		µg/L	5	5/16/2006 8:24:09 PM
Chlorobenzene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Chloroethane	ND	10		µg/L	5	5/16/2006 8:24:09 PM
Chloroform	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Chloromethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
2-Chlorotoluene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
4-Chlorotoluene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
cis-1,2-DCE	74	5.0		µg/L	5	5/16/2006 8:24:09 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	5/16/2006 8:24:09 PM
Dibromochloromethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Dibromomethane	ND	10		µg/L	5	5/16/2006 8:24:09 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Dichlorodifluoromethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,1-Dichloroethane	150	10		µg/L	5	5/16/2006 8:24:09 PM
1,1-Dichloroethene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,2-Dichloropropane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,3-Dichloropropane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
2,2-Dichloropropane	ND	10		µg/L	5	5/16/2006 8:24:09 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT:	Cypress Engineering	Client Sample ID:	SVE-1A
Lab Order:	0605148	Collection Date:	5/11/2006 11:00:00 AM
Project:	Transwestern Pipeline Co. WT-1 ERP	Date Received:	5/15/2006
Lab ID:	0605148-01	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Hexachlorobutadiene	ND	10		µg/L	5	5/16/2006 8:24:09 PM
2-Hexanone	ND	50		µg/L	5	5/16/2006 8:24:09 PM
Isopropylbenzene	7.1	5.0		µg/L	5	5/16/2006 8:24:09 PM
4-Isopropyltoluene	7.0	5.0		µg/L	5	5/16/2006 8:24:09 PM
4-Methyl-2-pentanone	260	50		µg/L	5	5/16/2006 8:24:09 PM
Methylene Chloride	ND	15		µg/L	5	5/16/2006 8:24:09 PM
n-Butylbenzene	8.2	5.0		µg/L	5	5/16/2006 8:24:09 PM
n-Propylbenzene	8.2	5.0		µg/L	5	5/16/2006 8:24:09 PM
sec-Butylbenzene	ND	10		µg/L	5	5/16/2006 8:24:09 PM
Styrene	ND	7.5		µg/L	5	5/16/2006 8:24:09 PM
tert-Butylbenzene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
trans-1,2-DCE	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Trichloroethane (TCE)	37	5.0		µg/L	5	5/16/2006 8:24:09 PM
Trichlorofluoromethane	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
1,2,3-Trichloropropane	ND	10		µg/L	5	5/16/2006 8:24:09 PM
Vinyl chloride	ND	5.0		µg/L	5	5/16/2006 8:24:09 PM
Xylenes, Total	89	15		µg/L	5	5/16/2006 8:24:09 PM
Surr: 1,2-Dichloroethane-d4	93.0	69.9-130		%REC	5	5/16/2006 8:24:09 PM
Surr: 4-Bromofluorobenzene	95.4	75-139		%REC	5	5/16/2006 8:24:09 PM
Surr: Dibromofluoromethane	93.8	57.3-135		%REC	5	5/16/2006 8:24:09 PM
Surr: Toluene-d8	90.8	81.9-122		%REC	5	5/16/2006 8:24:09 PM

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

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-02

Client Sample ID: MW-7
Collection Date: 5/11/2006 1:30:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Toluene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Ethylbenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/16/2006 9:01:09 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Naphthalene	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/16/2006 9:01:09 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/16/2006 9:01:09 PM
Acetone	ND	10		µg/L	1	5/16/2006 9:01:09 PM
Bromobenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Bromochloromethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Bromodichloromethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Bromoform	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Bromomethane	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM
2-Butanone	ND	10		µg/L	1	5/16/2006 9:01:09 PM
Carbon disulfide	ND	10		µg/L	1	5/16/2006 9:01:09 PM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM
Chlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Chloroethane	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM
Chloroform	1.2	1.0		µg/L	1	5/16/2006 9:01:09 PM
Chloromethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
2-Chlorotoluene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
4-Chlorotoluene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
cis-1,2-DCE	25	1.0		µg/L	1	5/16/2006 9:01:09 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM
Dibromochloromethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Dibromomethane	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,1-Dichloroethane	30	2.0		µg/L	1	5/16/2006 9:01:09 PM
1,1-Dichloroethene	1.3	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-02

Client Sample ID: MW-7
Collection Date: 5/11/2006 1:30:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM
2-Hexanone	ND	10		µg/L	1	5/16/2006 9:01:09 PM
Isopropylbenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/16/2006 9:01:09 PM
Methylene Chloride	ND	3.0		µg/L	1	5/16/2006 9:01:09 PM
n-Butylbenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
n-Propylbenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM
Styrene	ND	1.5		µg/L	1	5/16/2006 9:01:09 PM
tert-Butylbenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Tetrachloroethane (PCE)	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
trans-1,2-DCE	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Trichloroethene (TCE)	9.8	1.0		µg/L	1	5/16/2006 9:01:09 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/16/2006 9:01:09 PM
Vinyl chloride	ND	1.0		µg/L	1	5/16/2006 9:01:09 PM
Xylenes, Total	ND	3.0		µg/L	1	5/16/2006 9:01:09 PM
Sum: 1,2-Dichloroethane-d4	94.7	89.9-130		%REC	1	5/16/2006 9:01:09 PM
Sum: 4-Bromofluorobenzene	98.4	75-139		%REC	1	5/16/2006 9:01:09 PM
Sum: Dibromofluoromethane	100	57.3-135		%REC	1	5/16/2006 9:01:09 PM
Sum: Toluene-d8	93.6	81.9-122		%REC	1	5/16/2006 9:01:09 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-4

Lab Order: 0605148

Collection Date: 5/11/2006 3:10:00 PM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-03

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Toluene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Ethylbenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/16/2006 9:38:06 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Naphthalene	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/16/2006 9:38:06 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/16/2006 9:38:06 PM
Acetone	ND	10		µg/L	1	5/16/2006 9:38:06 PM
Bromobenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Bromochloromethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Bromodichloromethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Bromoform	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Bromomethane	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
2-Butanone	ND	10		µg/L	1	5/16/2006 9:38:06 PM
Carbon disulfide	ND	10		µg/L	1	5/16/2006 9:38:06 PM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
Chlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Chloroethane	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
Chloroform	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Chloromethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
2-Chlorotoluene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
4-Chlorotoluene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
cis-1,2-DCE	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
Dibromochloromethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Dibromomethane	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
1,1-Dichloroethene	1.1	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-4

Lab Order: 0605148

Collection Date: 5/11/2006 3:10:00 PM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-03

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
2-Hexanone	ND	10		µg/L	1	5/16/2006 9:38:06 PM
Isopropylbenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/16/2006 9:38:06 PM
Methylene Chloride	ND	3.0		µg/L	1	5/16/2006 9:38:06 PM
n-Butylbenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
n-Propylbenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
Styrene	ND	1.5		µg/L	1	5/16/2006 9:38:06 PM
tert-Butylbenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
trans-1,2-DCE	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/16/2006 9:38:06 PM
Vinyl chloride	ND	1.0		µg/L	1	5/16/2006 9:38:06 PM
Xylenes, Total	ND	3.0		µg/L	1	5/16/2006 9:38:06 PM
Surr: 1,2-Dichloroethane-d4	100	69.9-130		%REC	1	5/16/2006 9:38:06 PM
Surr: 4-Bromofluorobenzene	91.9	75-139		%REC	1	5/16/2006 9:38:06 PM
Surr: Dibromofluoromethane	102	57.3-135		%REC	1	5/16/2006 9:38:06 PM
Surr: Toluene-d8	90.3	81.9-122		%REC	1	5/16/2006 9:38:06 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-04

Client Sample ID: MW-15
Collection Date: 5/11/2006 2:35:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Toluene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Ethylbenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/17/2006 1:20:19 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Naphthalene	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 1:20:19 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 1:20:19 AM
Acetone	ND	10		µg/L	1	5/17/2006 1:20:19 AM
Bromobenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Bromochloromethane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Bromoform	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Bromomethane	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM
2-Butanone	ND	10		µg/L	1	5/17/2006 1:20:19 AM
Carbon disulfide	ND	10		µg/L	1	5/17/2006 1:20:19 AM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM
Chlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Chloroethane	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM
Chloroform	1.4	1.0		µg/L	1	5/17/2006 1:20:19 AM
Chloromethane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
cis-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Dibromomethane	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,1-Dichloroethane	2.3	2.0		µg/L	1	5/17/2006 1:20:19 AM
1,1-Dichloroethene	2.4	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-15

Lab Order: 0605148

Collection Date: 5/11/2006 2:35:00 PM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-04

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM
2-Hexanone	ND	10		µg/L	1	5/17/2006 1:20:19 AM
Isopropylbenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/17/2006 1:20:19 AM
Methylene Chloride	ND	3.0		µg/L	1	5/17/2006 1:20:19 AM
n-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
n-Propylbenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM
Styrene	ND	1.5		µg/L	1	5/17/2006 1:20:19 AM
tert-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
trans-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,1,1-Trichloroethane	1.7	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/17/2006 1:20:19 AM
Vinyl chloride	ND	1.0		µg/L	1	5/17/2006 1:20:19 AM
Xylenes, Total	ND	3.0		µg/L	1	5/17/2006 1:20:19 AM
Sum: 1,2-Dichloroethane-d4	93.5	69.9-130		%REC	1	5/17/2006 1:20:19 AM
Sum: 4-Bromofluorobenzene	99.6	75-139		%REC	1	5/17/2006 1:20:19 AM
Sum: Dibromofluoromethane	94.5	57.3-135		%REC	1	5/17/2006 1:20:19 AM
Sum: Toluene-d8	94.8	81.9-122		%REC	1	5/17/2006 1:20:19 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-16

Lab Order: 0605148

Collection Date: 5/11/2006 2:10:00 PM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-05

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Toluene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Ethylbenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/17/2006 1:57:17 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Naphthalene	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 1:57:17 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 1:57:17 AM
Acetone	ND	10		µg/L	1	5/17/2006 1:57:17 AM
Bromobenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Bromochloromethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Bromoform	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Bromomethane	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
2-Butanone	ND	10		µg/L	1	5/17/2006 1:57:17 AM
Carbon disulfide	ND	10		µg/L	1	5/17/2006 1:57:17 AM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
Chlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Chloroethane	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
Chloroform	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Chloromethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
cis-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Dibromomethane	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
1,1-Dichloroethane	1.8	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-05

Client Sample ID: MW-16
Collection Date: 5/11/2006 2:10:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
2-Hexanone	ND	10		µg/L	1	5/17/2006 1:57:17 AM
Isopropylbenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/17/2006 1:57:17 AM
Methylene Chloride	ND	3.0		µg/L	1	5/17/2006 1:57:17 AM
n-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
n-Propylbenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
Styrene	ND	1.5		µg/L	1	5/17/2006 1:57:17 AM
tert-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Tetrachloroethene (PCE)	5.1	1.0		µg/L	1	5/17/2006 1:57:17 AM
trans-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Trichloroethene (TCE)	1.3	1.0		µg/L	1	5/17/2006 1:57:17 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/17/2006 1:57:17 AM
Vinyl chloride	ND	1.0		µg/L	1	5/17/2006 1:57:17 AM
Xylenes, Total	ND	3.0		µg/L	1	5/17/2006 1:57:17 AM
Surr: 1,2-Dichloroethane-d4	95.4	69.9-130		%REC	1	5/17/2006 1:57:17 AM
Surr: 4-Bromofluorobenzene	98.8	75-139		%REC	1	5/17/2006 1:57:17 AM
Surr: Dibromofluoromethane	101	57.3-135		%REC	1	5/17/2006 1:57:17 AM
Surr: Toluene-d8	93.4	81.9-122		%REC	1	5/17/2006 1:57:17 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-1

Lab Order: 0605148

Collection Date: 5/11/2006 3:20:00 PM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-06

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	26	5.0		µg/L	5	5/17/2006 3:13:24 AM
Toluene	61	5.0		µg/L	5	5/17/2006 3:13:24 AM
Ethylbenzene	17	5.0		µg/L	5	5/17/2006 3:13:24 AM
Methyl tert-butyl ether (MTBE)	ND	7.5		µg/L	5	5/17/2006 3:13:24 AM
1,2,4-Trimethylbenzene	45	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,3,5-Trimethylbenzene	23	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,2-Dichloroethane (EDC)	6.7	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Naphthalene	27	10		µg/L	5	5/17/2006 3:13:24 AM
1-Methylnaphthalene	ND	20		µg/L	5	5/17/2006 3:13:24 AM
2-Methylnaphthalene	ND	20		µg/L	5	5/17/2006 3:13:24 AM
Acetone	120	50		µg/L	5	5/17/2006 3:13:24 AM
Bromobenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Bromochloromethane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Bromodichloromethane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Bromoform	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Bromomethane	ND	10		µg/L	5	5/17/2006 3:13:24 AM
2-Butanone	ND	50		µg/L	5	5/17/2006 3:13:24 AM
Carbon disulfide	ND	50		µg/L	5	5/17/2006 3:13:24 AM
Carbon Tetrachloride	ND	10		µg/L	5	5/17/2006 3:13:24 AM
Chlorobenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Chloroethane	ND	10		µg/L	5	5/17/2006 3:13:24 AM
Chloroform	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Chloromethane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
2-Chlorotoluene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
4-Chlorotoluene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
cis-1,2-DCE	6.4	5.0		µg/L	5	5/17/2006 3:13:24 AM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	5/17/2006 3:13:24 AM
Dibromochloromethane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Dibromomethane	ND	10		µg/L	5	5/17/2006 3:13:24 AM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Dichlorodifluoromethane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,1-Dichloroethane	280	10		µg/L	5	5/17/2006 3:13:24 AM
1,1-Dichloroethene	5.4	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,2-Dichloropropane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,3-Dichloropropane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
2,2-Dichloropropane	ND	10		µg/L	5	5/17/2006 3:13:24 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-1

Lab Order: 0605148

Collection Date: 5/11/2006 3:20:00 PM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-06

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Hexachlorobutadiene	ND	10		µg/L	5	5/17/2006 3:13:24 AM
2-Hexanone	ND	50		µg/L	5	5/17/2006 3:13:24 AM
Isopropylbenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
4-Isopropyltoluene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
4-Methyl-2-pentanone	1700	200		µg/L	20	5/17/2006 2:35:22 AM
Methylene Chloride	ND	15		µg/L	5	5/17/2006 3:13:24 AM
n-Butylbenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
n-Propylbenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
sec-Butylbenzene	ND	10		µg/L	5	5/17/2006 3:13:24 AM
Styrene	ND	7.5		µg/L	5	5/17/2006 3:13:24 AM
tert-Butylbenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Tetrachloroethene (PCE)	19	5.0		µg/L	5	5/17/2006 3:13:24 AM
trans-1,2-DCE	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,1,1-Trichloroethane	15	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Trichloroethene (TCE)	30	5.0		µg/L	5	5/17/2006 3:13:24 AM
Trichlorofluoromethane	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
1,2,3-Trichloropropane	ND	10		µg/L	5	5/17/2006 3:13:24 AM
Vinyl chloride	ND	5.0		µg/L	5	5/17/2006 3:13:24 AM
Xylenes, Total	120	15		µg/L	5	5/17/2006 3:13:24 AM
Surr: 1,2-Dichloroethane-d4	92.4	69.9-130		%REC	5	5/17/2006 3:13:24 AM
Surr: 4-Bromofluorobenzene	104	75-139		%REC	5	5/17/2006 3:13:24 AM
Surr: Dibromofluoromethane	99.9	57.3-135		%REC	5	5/17/2006 3:13:24 AM
Surr: Toluene-d8	94.8	81.9-122		%REC	5	5/17/2006 3:13:24 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-5

Lab Order: 0605148

Collection Date: 5/11/2006 1:40:00 PM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-07

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	14	1.0		µg/L	1	5/17/2006 3:50:32 AM
Toluene	4.1	1.0		µg/L	1	5/17/2006 3:50:32 AM
Ethylbenzene	4.5	1.0		µg/L	1	5/17/2006 3:50:32 AM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/17/2006 3:50:32 AM
1,2,4-Trimethylbenzene	8.2	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,3,5-Trimethylbenzene	4.2	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,2-Dichloroethane (EDC)	3.0	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Naphthalene	8.5	2.0		µg/L	1	5/17/2006 3:50:32 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 3:50:32 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 3:50:32 AM
Acetone	ND	10		µg/L	1	5/17/2006 3:50:32 AM
Bromobenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Bromochloromethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Bromoform	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Bromomethane	ND	2.0		µg/L	1	5/17/2006 3:50:32 AM
2-Butanone	ND	10		µg/L	1	5/17/2006 3:50:32 AM
Carbon disulfide	ND	10		µg/L	1	5/17/2006 3:50:32 AM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/17/2006 3:50:32 AM
Chlorobenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Chloroethane	2.2	2.0		µg/L	1	5/17/2006 3:50:32 AM
Chloroform	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Chloromethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
cis-1,2-DCE	39	1.0		µg/L	1	5/17/2006 3:50:32 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/17/2006 3:50:32 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Dibromomethane	ND	2.0		µg/L	1	5/17/2006 3:50:32 AM
1,2-Dichlorobenzene	1.1	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,1-Dichloroethane	95	2.0		µg/L	1	5/17/2006 3:50:32 AM
1,1-Dichloroethene	2.1	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/17/2006 3:50:32 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-5

Lab Order: 0605148

Collection Date: 5/11/2006 1:40:00 PM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-07

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/17/2006 3:50:32 AM
2-Hexanone	ND	10		µg/L	1	5/17/2006 3:50:32 AM
Isopropylbenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
4-Isopropyltoluene	2.3	1.0		µg/L	1	5/17/2006 3:50:32 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/17/2006 3:50:32 AM
Methylene Chloride	ND	3.0		µg/L	1	5/17/2006 3:50:32 AM
n-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
n-Propylbenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/17/2006 3:50:32 AM
Styrene	ND	1.5		µg/L	1	5/17/2006 3:50:32 AM
tert-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Tetrachloroethene (PCE)	1.6	1.0		µg/L	1	5/17/2006 3:50:32 AM
trans-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Trichloroethene (TCE)	47	1.0		µg/L	1	5/17/2006 3:50:32 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/17/2006 3:50:32 AM
Vinyl chloride	ND	1.0		µg/L	1	5/17/2006 3:50:32 AM
Xylenes, Total	10	3.0		µg/L	1	5/17/2006 3:50:32 AM
Surr: 1,2-Dichloroethane-d4	94.8	69.9-130		%REC	1	5/17/2006 3:50:32 AM
Surr: 4-Bromofluorobenzene	93.6	75-139		%REC	1	5/17/2006 3:50:32 AM
Surr: Dibromofluoromethane	102	57.3-135		%REC	1	5/17/2006 3:50:32 AM
Surr: Toluene-d8	89.7	81.9-122		%REC	1	5/17/2006 3:50:32 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-08

Client Sample ID: MW-8
Collection Date: 5/11/2006 12:15:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	4.0	1.0		µg/L	1	5/17/2006 4:27:13 AM
Toluene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Ethylbenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/17/2006 4:27:13 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,2-Dichloroethane (EDC)	3.1	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Naphthalene	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 4:27:13 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 4:27:13 AM
Acetone	ND	10		µg/L	1	5/17/2006 4:27:13 AM
Bromobenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Bromochloromethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Bromoform	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Bromomethane	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM
2-Butanone	ND	10		µg/L	1	5/17/2006 4:27:13 AM
Carbon disulfide	ND	10		µg/L	1	5/17/2006 4:27:13 AM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM
Chlorobenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Chloroethane	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM
Chloroform	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Chloromethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
cis-1,2-DCE	46	1.0		µg/L	1	5/17/2006 4:27:13 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Dibromomethane	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM
1,2-Dichlorobenzene	1.4	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,1-Dichloroethane	82	10		µg/L	5	5/17/2006 3:16:50 PM
1,1-Dichloroethene	3.4	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-08

Client Sample ID: MW-8
Collection Date: 5/11/2006 12:15:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM
2-Hexanone	ND	10		µg/L	1	5/17/2006 4:27:13 AM
Isopropylbenzene	1.1	1.0		µg/L	1	5/17/2006 4:27:13 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/17/2006 4:27:13 AM
Methylene Chloride	ND	3.0		µg/L	1	5/17/2006 4:27:13 AM
n-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
n-Propylbenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM
Styrene	ND	1.5		µg/L	1	5/17/2006 4:27:13 AM
tert-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
trans-1,2-DCE	1.1	1.0		µg/L	1	5/17/2006 4:27:13 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
Trichloroethene (TCE)	35	1.0		µg/L	1	5/17/2006 4:27:13 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/17/2006 4:27:13 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/17/2006 4:27:13 AM
Vinyl chloride	1.2	1.0		µg/L	1	5/17/2006 4:27:13 AM
Xylenes, Total	ND	3.0		µg/L	1	5/17/2006 4:27:13 AM
Surr: 1,2-Dichloroethane-d4	96.7	69.9-130		%REC	1	5/17/2006 4:27:13 AM
Surr: 4-Bromofluorobenzene	96.1	75-139		%REC	1	5/17/2006 4:27:13 AM
Surr: Dibromofluoromethane	97.4	57.3-135		%REC	1	5/17/2006 4:27:13 AM
Surr: Toluene-d8	92.4	81.9-122		%REC	1	5/17/2006 4:27:13 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-24

Lab Order: 0605148

Collection Date: 5/11/2006 9:45:00 AM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-09

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	4.4	1.0		µg/L	1	5/17/2006 5:03:55 AM
Toluene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Ethylbenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/17/2006 5:03:55 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,2-Dichloroethane (EDC)	3.3	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Naphthalene	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 5:03:55 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 5:03:55 AM
Acetone	ND	10		µg/L	1	5/17/2006 5:03:55 AM
Bromobenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Bromochloromethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Bromoform	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Bromomethane	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM
2-Butanone	ND	10		µg/L	1	5/17/2006 5:03:55 AM
Carbon disulfide	ND	10		µg/L	1	5/17/2006 5:03:55 AM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM
Chlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Chloromethane	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM
Chloroform	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Chloromethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
cis-1,2-DCE	51	1.0		µg/L	1	5/17/2006 5:03:55 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Dibromomethane	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM
1,2-Dichlorobenzene	1.5	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,1-Dichloroethane	85	10		µg/L	5	5/17/2006 3:51:54 PM
1,1-Dichloroethene	3.7	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering

Client Sample ID: MW-24

Lab Order: 0605148

Collection Date: 5/11/2006 9:45:00 AM

Project: Transwestern Pipeline Co. WT-1 ERP

Date Received: 5/15/2006

Lab ID: 0605148-09

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM
2-Hexanone	ND	10		µg/L	1	5/17/2006 5:03:55 AM
Isopropylbenzene	1.1	1.0		µg/L	1	5/17/2006 5:03:55 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/17/2006 5:03:55 AM
Methylene Chloride	ND	3.0		µg/L	1	5/17/2006 5:03:55 AM
n-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
n-Propylbenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM
Styrene	ND	1.5		µg/L	1	5/17/2006 5:03:55 AM
tert-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
trans-1,2-DCE	1.0	1.0		µg/L	1	5/17/2006 5:03:55 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
Trichloroethene (TCE)	40	1.0		µg/L	1	5/17/2006 5:03:55 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/17/2006 5:03:55 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/17/2006 5:03:55 AM
Vinyl chloride	1.2	1.0		µg/L	1	5/17/2006 5:03:55 AM
Xylenes, Total	ND	3.0		µg/L	1	5/17/2006 5:03:55 AM
Surr: 1,2-Dichloroethane-d4	96.8	69.9-130		%REC	1	5/17/2006 5:03:55 AM
Surr: 4-Bromofluorobenzene	93.0	75-139		%REC	1	5/17/2006 5:03:55 AM
Surr: Dibromofluoromethane	101	57.3-135		%REC	1	5/17/2006 5:03:55 AM
Surr: Toluene-d8	88.3	81.9-122		%REC	1	5/17/2006 5:03:55 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-10

Client Sample ID: MW-6
Collection Date: 5/11/2006 1:25:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	1.1	1.0		µg/L	1	5/17/2006 5:41:00 AM
Toluene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Ethylbenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/17/2006 5:41:00 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Naphthalene	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 5:41:00 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 5:41:00 AM
Acetone	ND	10		µg/L	1	5/17/2006 5:41:00 AM
Bromobenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Bromochloromethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Bromoform	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Bromomethane	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM
2-Butanone	ND	10		µg/L	1	5/17/2006 5:41:00 AM
Carbon disulfide	ND	10		µg/L	1	5/17/2006 5:41:00 AM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM
Chlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Chloroethane	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM
Chloroform	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Chloromethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
cis-1,2-DCE	4.6	1.0		µg/L	1	5/17/2006 5:41:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Dibromomethane	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,1-Dichloroethane	6.4	2.0		µg/L	1	5/17/2006 5:41:00 AM
1,1-Dichloroethene	1.2	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-10

Client Sample ID: MW-6
Collection Date: 5/11/2006 1:25:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM
2-Hexanone	ND	10		µg/L	1	5/17/2006 5:41:00 AM
Isopropylbenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/17/2006 5:41:00 AM
Methylene Chloride	ND	3.0		µg/L	1	5/17/2006 5:41:00 AM
n-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
n-Propylbenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM
Styrene	ND	1.5		µg/L	1	5/17/2006 5:41:00 AM
tert-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
trans-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Trichloroethene (TCE)	9.9	1.0		µg/L	1	5/17/2006 5:41:00 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/17/2006 5:41:00 AM
Vinyl chloride	ND	1.0		µg/L	1	5/17/2006 5:41:00 AM
Xylenes, Total	ND	3.0		µg/L	1	5/17/2006 5:41:00 AM
Surr: 1,2-Dichloroethane-d4	94.8	69.9-130		%REC	1	5/17/2006 5:41:00 AM
Surr: 4-Bromofluorobenzene	101	75-139		%REC	1	5/17/2006 5:41:00 AM
Surr: Dibromofluoromethane	98.5	57.3-135		%REC	1	5/17/2006 5:41:00 AM
Surr: Toluene-d8	91.0	81.9-122		%REC	1	5/17/2006 5:41:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-11

Client Sample ID: MW-14
Collection Date: 5/11/2006 12:50:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Toluene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Ethylbenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/17/2006 6:17:56 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Naphthalene	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 6:17:56 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 6:17:56 AM
Acetone	ND	10		µg/L	1	5/17/2006 6:17:56 AM
Bromobenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Bromochloromethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Bromoform	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Bromomethane	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM
2-Butanone	ND	10		µg/L	1	5/17/2006 6:17:56 AM
Carbon disulfide	ND	10		µg/L	1	5/17/2006 6:17:56 AM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM
Chlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Chloroethane	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM
Chloroform	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Chloromethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
cis-1,2-DCE	4.1	1.0		µg/L	1	5/17/2006 6:17:56 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Dibromomethane	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,1-Dichloroethane	28	2.0		µg/L	1	5/17/2006 6:17:56 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-11

Client Sample ID: MW-14
Collection Date: 5/11/2006 12:50:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM
2-Hexanone	ND	10		µg/L	1	5/17/2006 6:17:56 AM
Isopropylbenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/17/2006 6:17:56 AM
Methylene Chloride	ND	3.0		µg/L	1	5/17/2006 6:17:56 AM
n-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
n-Propylbenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM
Styrene	ND	1.5		µg/L	1	5/17/2006 6:17:56 AM
tert-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Tetrachloroethane (PCE)	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
trans-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Trichloroethene (TCE)	6.8	1.0		µg/L	1	5/17/2006 6:17:56 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/17/2006 6:17:56 AM
Vinyl chloride	ND	1.0		µg/L	1	5/17/2006 6:17:56 AM
Xylenes, Total	ND	3.0		µg/L	1	5/17/2006 6:17:56 AM
Surr: 1,2-Dichloroethane-d4	95.7	69.9-130		%REC	1	5/17/2006 6:17:56 AM
Surr: 4-Bromofluorobenzene	98.4	75-139		%REC	1	5/17/2006 6:17:56 AM
Surr: Dibromofluoromethane	97.1	57.3-135		%REC	1	5/17/2006 6:17:56 AM
Surr: Toluene-d8	92.1	81.9-122		%REC	1	5/17/2006 6:17:56 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-12

Client Sample ID: MW-17
Collection Date: 5/11/2006 2:45:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8250B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Toluene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Ethylbenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/17/2006 6:54:43 AM
1,2,4-Trimethylbenzene	1.7	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Naphthalene	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 6:54:43 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 6:54:43 AM
Acetone	ND	10		µg/L	1	5/17/2006 6:54:43 AM
Bromobenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Bromochloromethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Bromoform	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Bromomethane	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
2-Butanone	ND	10		µg/L	1	5/17/2006 6:54:43 AM
Carbon disulfide	ND	10		µg/L	1	5/17/2006 6:54:43 AM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
Chlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Chloroethane	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
Chloroform	1.6	1.0		µg/L	1	5/17/2006 6:54:43 AM
Chloromethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
cis-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Dibromomethane	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
1,1-Dichloroethene	1.7	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-12

Client Sample ID: MW-17
Collection Date: 5/11/2006 2:45:00 PM
Date Received: 5/15/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
2-Hexanone	ND	10		µg/L	1	5/17/2006 6:54:43 AM
Isopropylbenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/17/2006 6:54:43 AM
Methylene Chloride	ND	3.0		µg/L	1	5/17/2006 6:54:43 AM
n-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
n-Propylbenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
Styrene	ND	1.5		µg/L	1	5/17/2006 6:54:43 AM
tert-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
trans-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Trichloroethene (TCE)	1.0	1.0		µg/L	1	5/17/2006 6:54:43 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/17/2006 6:54:43 AM
Vinyl chloride	ND	1.0		µg/L	1	5/17/2006 6:54:43 AM
Xylenes, Total	ND	3.0		µg/L	1	5/17/2006 6:54:43 AM
Sum: 1,2-Dichloroethane-d4	94.8	69.9-130		%REC	1	5/17/2006 6:54:43 AM
Sum: 4-Bromofluorobenzene	91.1	75-139		%REC	1	5/17/2006 6:54:43 AM
Sum: Dibromofluoromethane	102	57.3-135		%REC	1	5/17/2006 6:54:43 AM
Sum: Toluene-d8	89.0	81.9-122		%REC	1	5/17/2006 6:54:43 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-13

Client Sample ID: Trip Blank
Collection Date:
Date Received: 5/15/2006
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Toluene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Ethylbenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	5/17/2006 7:31:29 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Naphthalene	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 7:31:29 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	5/17/2006 7:31:29 AM
Acetone	ND	10		µg/L	1	5/17/2006 7:31:29 AM
Bromobenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Bromochloromethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Bromodichloromethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Bromoform	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Bromomethane	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
2-Butanone	ND	10		µg/L	1	5/17/2006 7:31:29 AM
Carbon disulfide	ND	10		µg/L	1	5/17/2006 7:31:29 AM
Carbon Tetrachloride	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
Chlorobenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Chloroethane	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
Chloroform	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Chloromethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
2-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
4-Chlorotoluene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
cis-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
Dibromochloromethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Dibromomethane	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory

Date: 18-May-06

CLIENT: Cypress Engineering
Lab Order: 0605148
Project: Transwestern Pipeline Co. WT-1 ERP
Lab ID: 0605148-13

Client Sample ID: Trip Blank
Collection Date:
Date Received: 5/15/2006
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
1,1-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
2-Hexanone	ND	10		µg/L	1	5/17/2006 7:31:29 AM
Isopropylbenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/17/2006 7:31:29 AM
Methylene Chloride	ND	3.0		µg/L	1	5/17/2006 7:31:29 AM
n-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
n-Propylbenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
sec-Butylbenzene	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
Styrene	ND	1.5		µg/L	1	5/17/2006 7:31:29 AM
tert-Butylbenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
trans-1,2-DCE	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/17/2006 7:31:29 AM
Vinyl chloride	ND	1.0		µg/L	1	5/17/2006 7:31:29 AM
Xylenes, Total	ND	3.0		µg/L	1	5/17/2006 7:31:29 AM
Surr: 1,2-Dichloroethane-d4	93.6	69.9-130		%REC	1	5/17/2006 7:31:29 AM
Surr: 4-Bromofluorobenzene	97.5	75-139		%REC	1	5/17/2006 7:31:29 AM
Surr: Dibromofluoromethane	94.0	57.3-135		%REC	1	5/17/2006 7:31:29 AM
Surr: Toluene-d8	91.7	81.9-122		%REC	1	5/17/2006 7:31:29 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

QA/QC SUMMARY REPORT

Client: Cypress Engineering
 Project: Transwestern Pipeline Co. WT-1 ERP

Work Order: 0605148

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8260B									
Sample ID: 5ml rb1		MBLK							
							Batch ID: R19282		
							Analysis Date: 5/16/2006		
benzene	ND	µg/L	1.0						
toluene	ND	µg/L	1.0						
ethylbenzene	ND	µg/L	1.0						
ethyl tert-butyl ether (MTBE)	ND	µg/L	1.5						
2,4-Dimethylbenzene	ND	µg/L	1.0						
3,5-Dimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
1,4-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						
1-methylbenzene	ND	µg/L	1.0						
1-methylchloromethane	ND	µg/L	1.0						
1-methylchloromethane	ND	µg/L	1.0						
1-methylform	ND	µg/L	1.0						
1-methylmethane	ND	µg/L	2.0						
3-butanone	ND	µg/L	10						
carbon disulfide	ND	µg/L	10						
carbon Tetrachloride	ND	µg/L	2.0						
1-chlorobenzene	ND	µg/L	1.0						
1-chloroethane	ND	µg/L	2.0						
1-chloroform	ND	µg/L	1.0						
1-chloromethane	ND	µg/L	1.0						
1-chlorotoluene	ND	µg/L	1.0						
1-chlorotoluene	ND	µg/L	1.0						
1,1,2-DCE	ND	µg/L	1.0						
1,1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
1-methylchloromethane	ND	µg/L	1.0						
1-methylmethane	ND	µg/L	2.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
1-chlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	2.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
1,4-dichlorobutadiene	ND	µg/L	2.0						
1-hexanone	ND	µg/L	10						
1-propylbenzene	ND	µg/L	1.0						

Qualifiers:

E Value above quantitation range
 J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
 Transwestern Pipeline Co. WT-1 ERP

Work Order: 0605148

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8260B									
Sample ID: 5ml rb1		MBLK							
Batch ID: R19282									
Analysis Date: 5/16/2006									
Isopropyltoluene	ND	µg/L	1.0						
Methyl-2-pentanone	ND	µg/L	1.0						
Ethylene Chloride	ND	µg/L	3.0						
Isobutylbenzene	ND	µg/L	1.0						
Propylbenzene	ND	µg/L	1.0						
o-Butylbenzene	ND	µg/L	2.0						
Styrene	ND	µg/L	1.5						
t-Butylbenzene	ND	µg/L	1.0						
1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,2,2-Tetrachloroethane	ND	µg/L	1.0						
Trichloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,3-Trichlorobenzene	ND	µg/L	1.0						
1,4-Trichlorobenzene	ND	µg/L	1.0						
1,1-Trichloroethane	ND	µg/L	1.0						
1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Chlorofluoromethane	ND	µg/L	1.0						
1,1-Dichloropropane	ND	µg/L	2.0						
Ethyl chloride	ND	µg/L	1.0						
Arenes, Total	ND	µg/L	3.0						
Sample ID: 5ml rb		MBLK							
Analysis Date: 5/17/2006									
Isobutylbenzene	ND	µg/L	1.0						
Isobutylbenzene	ND	µg/L	1.0						
Isobutylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.5						
1,4-Trimethylbenzene	ND	µg/L	1.0						
1,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Phthalene	ND	µg/L	2.0						
Methylnaphthalene	ND	µg/L	4.0						
Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	1.0						
Monobenzene	ND	µg/L	1.0						
Monochloromethane	ND	µg/L	1.0						
Monodichloromethane	ND	µg/L	1.0						
Monoforn	ND	µg/L	1.0						
Monomethane	ND	µg/L	2.0						
Butanone	ND	µg/L	1.0						
Carbon disulfide	ND	µg/L	1.0						
Carbon Tetrachloride	ND	µg/L	2.0						
Chlorobenzene	ND	µg/L	1.0						

Comments:

- 3 Value above quantitation range
 1 Analyte detected below quantitation limits
 2 RPD outside accepted recovery limits

- H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
 Project: Transwestern Pipeline Co. WT-1 ERP

Work Order: 0605148

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8260B									
Sample ID: 5ml rb		MBLK							
							Batch ID: R19282		
							Analysis Date: 5/17/2006		
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
Chlorotoluene	ND	µg/L	1.0						
Chlorotoluene	ND	µg/L	1.0						
1,1,2-DCE	ND	µg/L	1.0						
1,1,3-Dichloropropene	ND	µg/L	1.0						
2-Dibromo-3-chloropropane	ND	µg/L	2.0						
bromochloromethane	ND	µg/L	1.0						
bromomethane	ND	µg/L	2.0						
2-Dichlorobenzene	ND	µg/L	1.0						
3-Dichlorobenzene	ND	µg/L	1.0						
4-Dichlorobenzene	ND	µg/L	1.0						
chlorodifluoromethane	ND	µg/L	1.0						
1-Dichloroethane	ND	µg/L	2.0						
1-Dichloroethene	ND	µg/L	1.0						
2-Dichloropropane	ND	µg/L	1.0						
3-Dichloropropane	ND	µg/L	1.0						
2-Dichloropropane	ND	µg/L	2.0						
1-Dichloropropene	ND	µg/L	1.0						
1,2-dichlorobutadiene	ND	µg/L	2.0						
Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
Isopropyltoluene	ND	µg/L	1.0						
Methyl-2-pentanone	ND	µg/L	10						
Ethylene Chloride	ND	µg/L	3.0						
Butylbenzene	ND	µg/L	1.0						
Propylbenzene	ND	µg/L	1.0						
n-Butylbenzene	ND	µg/L	2.0						
Styrene	ND	µg/L	1.5						
t-Butylbenzene	ND	µg/L	1.0						
1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,2,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
2,3-Trichlorobenzene	ND	µg/L	1.0						
2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1-Trichloroethane	ND	µg/L	1.0						
1,2-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane (TCE)	ND	µg/L	1.0						
chlorodifluoromethane	ND	µg/L	1.0						
2,3-Trichloropropane	ND	µg/L	2.0						
vinyl chloride	ND	µg/L	1.0						

Qualifiers:

E Value above quantitation range
 J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Transwestern Pipeline Co. WT-1 ERP

Work Order: 0605148

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8260B

Batch ID: R19282

Sample ID: 5ml rb

Analysis Date: 5/17/2006

Solutes, Total ND $\mu\text{g/L}$ 3.0

Sample ID: 100ng lcs LCS

Analysis Date: 5/16/2006

Benzene 18.46 $\mu\text{g/L}$ 1.0 92.3 71 124Toluene 18.80 $\mu\text{g/L}$ 1.0 94.0 81.5 118o-xylene 19.42 $\mu\text{g/L}$ 1.0 97.1 81.2 1321,1-Dichloroethene 21.05 $\mu\text{g/L}$ 1.0 105 65.5 1341,1,1-Trichloroethene (TCE) 19.76 $\mu\text{g/L}$ 1.0 98.8 69.5 119

Sample ID: 100ng lcs LCS

Analysis Date: 5/17/2006

Benzene 19.58 $\mu\text{g/L}$ 1.0 97.9 71 124Toluene 19.84 $\mu\text{g/L}$ 1.0 99.2 81.5 118o-xylene 19.65 $\mu\text{g/L}$ 1.0 98.2 81.2 1321,1-Dichloroethene 19.20 $\mu\text{g/L}$ 1.0 96.0 65.5 1341,1,1-Trichloroethene (TCE) 18.56 $\mu\text{g/L}$ 1.0 92.8 69.5 119

Comments:

- 3 Value above quantitation range
- 1 Analyte detected below quantitation limits
- 2 RPD outside accepted recovery limits

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name CYP

Date and Time Received:

5/15/2006

Work Order Number 0605148

Received by GLS

Checklist completed by

S. Schipper 5-15-06
Signature Date

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 - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
Container/Temp Blank temperature?	6°	4° C ± 2 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
Address: 7171 Hwy 6 N, Ste 102
Houston, TX 77095

Phone #:

281.797.3420

Fax #:

281.859.881

Date

Time

Matrix

Sample I.D. No.

Number/Volume

Preservative

HgCl₂ HNO₃

HEAL No.

0605148

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COVER LETTER

Friday, January 05, 2007

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.: 0612230

Dear George Robinson:

Hall Environmental Analysis Laboratory, Inc. received 13 sample(s) on 12/20/2006 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

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



Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT:	Cypress Engineering	Client Sample ID:	MW-15
Lab Order:	0612230	Collection Date:	12/17/2006 2:40:00 PM
Project:	TWP WT 1 ERP	Date Received:	12/20/2006
Lab ID:	0612230-01	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	240	1.0		mg/L	10	1/3/2007 11:44:08 AM
Nitrate (As N)+Nitrite (As N)	7.6	0.50		mg/L	5	1/3/2007 9:53:26 PM
Sulfate	540	5.0		mg/L	10	1/3/2007 11:44:08 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: CMS
Arsenic	ND	0.020		mg/L	1	12/28/2006 4:27:39 PM
Barium	0.022	0.020		mg/L	1	12/28/2006 4:27:39 PM
Iron	ND	0.050		mg/L	1	12/28/2006 4:27:39 PM
Manganese	ND	0.0020		mg/L	1	12/28/2006 4:27:39 PM
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Benzene	ND	1.0		µg/L	1	12/21/2006
Toluene	ND	1.0		µg/L	1	12/21/2006
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	12/21/2006
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/21/2006
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/21/2006
Naphthalene	ND	2.0		µg/L	1	12/21/2006
1-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
2-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
Acetone	ND	10		µg/L	1	12/21/2006
Bromobenzene	ND	1.0		µg/L	1	12/21/2006
Bromochloromethane	ND	1.0		µg/L	1	12/21/2006
Bromodichloromethane	ND	1.0		µg/L	1	12/21/2006
Bromoform	ND	1.0		µg/L	1	12/21/2006
Bromomethane	ND	2.0		µg/L	1	12/21/2006
2-Butanone	ND	10		µg/L	1	12/21/2006
Carbon disulfide	ND	10		µg/L	1	12/21/2006
Carbon Tetrachloride	ND	2.0		µg/L	1	12/21/2006
Chlorobenzene	ND	1.0		µg/L	1	12/21/2006
Chloroethane	ND	2.0		µg/L	1	12/21/2006
Chloroform	ND	1.0		µg/L	1	12/21/2006
Chloromethane	ND	1.0		µg/L	1	12/21/2006
2-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
4-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
cis-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering

Client Sample ID: MW-15

Lab Order: 0612230

Collection Date: 12/17/2006 2:40:00 PM

Project: TWP WT 1 ERP

Date Received: 12/20/2006

Lab ID: 0612230-01

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/21/2006
Dibromochloromethane	ND	1.0		µg/L	1	12/21/2006
Dibromomethane	ND	2.0		µg/L	1	12/21/2006
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/21/2006
1,1-Dichloroethane	3.1	2.0		µg/L	1	12/21/2006
1,1-Dichloroethene	1.7	1.0		µg/L	1	12/21/2006
1,2-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
1,3-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
2,2-Dichloropropane	ND	2.0		µg/L	1	12/21/2006
1,1-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
Hexachlorobutadiene	ND	2.0		µg/L	1	12/21/2006
2-Hexanone	ND	10		µg/L	1	12/21/2006
Isopropylbenzene	ND	1.0		µg/L	1	12/21/2006
4-Isopropyltoluene	ND	1.0		µg/L	1	12/21/2006
4-Methyl-2-pentanone	ND	10		µg/L	1	12/21/2006
Methylene Chloride	ND	3.0		µg/L	1	12/21/2006
n-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
n-Propylbenzene	ND	1.0		µg/L	1	12/21/2006
sec-Butylbenzene	ND	2.0		µg/L	1	12/21/2006
Styrene	ND	1.5		µg/L	1	12/21/2006
tert-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/21/2006
trans-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1-Trichloroethane	1.9	1.0		µg/L	1	12/21/2006
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/21/2006
Trichlorofluoromethane	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/21/2006
Vinyl chloride	ND	1.0		µg/L	1	12/21/2006
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006
Surr: 1,2-Dichloroethane-d4	111	76.6-113		%REC	1	12/21/2006
Surr: 4-Bromofluorobenzene	96.3	77-117		%REC	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-01

Client Sample ID: MW-15
Collection Date: 12/17/2006 2:40:00 PM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Surr: Dibromofluoromethane	101	72.3-121		%REC	1	12/21/2006
Surr: Toluene-d8	107	73-113		%REC	1	12/21/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	1600	20		mg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-02

Client Sample ID: MW-16
 Collection Date: 12/17/2006 2:05:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	590	2.0		mg/L	20	1/3/2007 6:07:08 PM
Nitrate (As N)+Nitrite (As N)	ND	0.50		mg/L	5	1/3/2007 10:10:51 PM
Sulfate	950	10		mg/L	20	1/3/2007 6:07:08 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: CMS
Arsenic	ND	0.020		mg/L	1	12/28/2006 4:31:50 PM
Barium	ND	0.020		mg/L	1	12/28/2006 4:31:50 PM
Iron	ND	0.050		mg/L	1	12/28/2006 4:31:50 PM
Manganese	1.4	0.010		mg/L	5	12/28/2006 5:40:07 PM
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Benzene	ND	1.0		µg/L	1	12/21/2006
Toluene	ND	1.0		µg/L	1	12/21/2006
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	12/21/2006
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/21/2006
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/21/2006
Naphthalene	ND	2.0		µg/L	1	12/21/2006
1-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
2-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
Acetone	ND	10		µg/L	1	12/21/2006
Bromobenzene	ND	1.0		µg/L	1	12/21/2006
Bromochloromethane	ND	1.0		µg/L	1	12/21/2006
Bromodichloromethane	ND	1.0		µg/L	1	12/21/2006
Bromoform	ND	1.0		µg/L	1	12/21/2006
Bromomethane	ND	2.0		µg/L	1	12/21/2006
2-Butanone	ND	10		µg/L	1	12/21/2006
Carbon disulfide	ND	10		µg/L	1	12/21/2006
Carbon Tetrachloride	ND	2.0		µg/L	1	12/21/2006
Chlorobenzene	ND	1.0		µg/L	1	12/21/2006
Chloroethane	ND	2.0		µg/L	1	12/21/2006
Chloroform	ND	1.0		µg/L	1	12/21/2006
Chloromethane	ND	1.0		µg/L	1	12/21/2006
2-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
4-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
cis-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-02

Client Sample ID: MW-16
 Collection Date: 12/17/2006 2:05:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/21/2006
Dibromochloromethane	ND	1.0		µg/L	1	12/21/2006
Dibromomethane	ND	2.0		µg/L	1	12/21/2006
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/21/2006
1,1-Dichloroethane	ND	2.0		µg/L	1	12/21/2006
1,1-Dichloroethene	1.2	1.0		µg/L	1	12/21/2006
1,2-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
1,3-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
2,2-Dichloropropane	ND	2.0		µg/L	1	12/21/2006
1,1-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
Hexachlorobutadiene	ND	2.0		µg/L	1	12/21/2006
2-Hexanone	ND	10		µg/L	1	12/21/2006
Isopropylbenzene	ND	1.0		µg/L	1	12/21/2006
4-Isopropyltoluene	ND	1.0		µg/L	1	12/21/2006
4-Methyl-2-pentanone	ND	10		µg/L	1	12/21/2006
Methylene Chloride	ND	3.0		µg/L	1	12/21/2006
n-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
n-Propylbenzene	ND	1.0		µg/L	1	12/21/2006
sec-Butylbenzene	ND	2.0		µg/L	1	12/21/2006
Styrene	ND	1.5		µg/L	1	12/21/2006
tert-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
Tetrachloroethene (PCE)	4.0	1.0		µg/L	1	12/21/2006
trans-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
Trichloroethene (TCE)	1.3	1.0		µg/L	1	12/21/2006
Trichlorofluoromethane	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/21/2006
Vinyl chloride	ND	1.0		µg/L	1	12/21/2006
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006
Surr: 1,2-Dichloroethane-d4	109	76.6-113		%REC	1	12/21/2006
Surr: 4-Bromofluorobenzene	98.3	77-117		%REC	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-02

Client Sample ID: MW-16
Collection Date: 12/17/2006 2:05:00 PM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Surr: Dibromofluoromethane	104	72.3-121	%REC		1	12/21/2006
Surr: Toluene-d8	105	73-113	%REC		1	12/21/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	2700	20		mg/L	1	12/21/2006

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT:	Cypress Engineering	Client Sample ID:	MW-4
Lab Order:	0612230	Collection Date:	12/17/2006 1:15:00 PM
Project:	TWP WT 1 ERP	Date Received:	12/20/2006
Lab ID:	0612230-03	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						
						Analyst: TES
Chloride	220	1.0		mg/L	10	1/3/2007 12:18:58 PM
Nitrate (As N)+Nitrite (As N)	10	0.50		mg/L	5	1/3/2007 10:28:15 PM
Sulfate	610	5.0		mg/L	10	1/3/2007 12:18:58 PM
EPA 6010B: TOTAL RECOVERABLE METALS						
						Analyst: CMS
Arsenic	ND	0.020		mg/L	1	12/28/2006 4:36:01 PM
Barium	0.025	0.020		mg/L	1	12/28/2006 4:36:01 PM
Iron	ND	0.050		mg/L	1	12/28/2006 4:36:01 PM
Manganese	0.22	0.0020		mg/L	1	12/28/2006 4:36:01 PM
EPA METHOD 8260B: VOLATILES						
						Analyst: SMP
Benzene	ND	1.0		µg/L	1	12/22/2006
Toluene	ND	1.0		µg/L	1	12/22/2006
Ethylbenzene	ND	1.0		µg/L	1	12/22/2006
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	12/22/2006
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/22/2006
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/22/2006
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/22/2006
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/22/2006
Naphthalene	ND	2.0		µg/L	1	12/22/2006
1-Methylnaphthalene	ND	4.0		µg/L	1	12/22/2006
2-Methylnaphthalene	ND	4.0		µg/L	1	12/22/2006
Acetone	ND	10		µg/L	1	12/22/2006
Bromobenzene	ND	1.0		µg/L	1	12/22/2006
Bromochloromethane	ND	1.0		µg/L	1	12/22/2006
Bromodichloromethane	ND	1.0		µg/L	1	12/22/2006
Bromoform	ND	1.0		µg/L	1	12/22/2006
Bromomethane	ND	2.0		µg/L	1	12/22/2006
2-Butanone	ND	10		µg/L	1	12/22/2006
Carbon disulfide	ND	10		µg/L	1	12/22/2006
Carbon Tetrachloride	ND	2.0		µg/L	1	12/22/2006
Chlorobenzene	1.4	1.0		µg/L	1	12/22/2006
Chloroethane	ND	2.0		µg/L	1	12/22/2006
Chloroform	ND	1.0		µg/L	1	12/22/2006
Chloromethane	ND	1.0		µg/L	1	12/22/2006
2-Chlorotoluene	ND	1.0		µg/L	1	12/22/2006
4-Chlorotoluene	ND	1.0		µg/L	1	12/22/2006
cis-1,2-DCE	ND	1.0		µg/L	1	12/22/2006
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/22/2006

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	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: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-03

Client Sample ID: MW-4
 Collection Date: 12/17/2006 1:15:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/22/2006
Dibromochloromethane	ND	1.0		µg/L	1	12/22/2006
Dibromomethane	ND	2.0		µg/L	1	12/22/2006
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2006
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2006
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2006
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/22/2006
1,1-Dichloroethane	ND	2.0		µg/L	1	12/22/2006
1,1-Dichloroethene	ND	1.0		µg/L	1	12/22/2006
1,2-Dichloropropane	ND	1.0		µg/L	1	12/22/2006
1,3-Dichloropropane	ND	1.0		µg/L	1	12/22/2006
2,2-Dichloropropane	ND	2.0		µg/L	1	12/22/2006
1,1-Dichloropropene	ND	1.0		µg/L	1	12/22/2006
Hexachlorobutadiene	ND	2.0		µg/L	1	12/22/2006
2-Hexanone	ND	10		µg/L	1	12/22/2006
Isopropylbenzene	ND	1.0		µg/L	1	12/22/2006
4-Isopropyltoluene	ND	1.0		µg/L	1	12/22/2006
4-Methyl-2-pentanone	ND	10		µg/L	1	12/22/2006
Methylene Chloride	ND	3.0		µg/L	1	12/22/2006
n-Butylbenzene	ND	1.0		µg/L	1	12/22/2006
n-Propylbenzene	ND	1.0		µg/L	1	12/22/2006
sec-Butylbenzene	ND	2.0		µg/L	1	12/22/2006
Styrene	ND	1.5		µg/L	1	12/22/2006
tert-Butylbenzene	ND	1.0		µg/L	1	12/22/2006
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/22/2006
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	12/22/2006
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/22/2006
trans-1,2-DCE	ND	1.0		µg/L	1	12/22/2006
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/22/2006
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/22/2006
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/22/2006
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/22/2006
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/22/2006
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/22/2006
Trichlorofluoromethane	ND	1.0		µg/L	1	12/22/2006
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/22/2006
Vinyl chloride	ND	1.0		µg/L	1	12/22/2006
Xylenes, Total	ND	3.0		µg/L	1	12/22/2006
Surr: 1,2-Dichloroethane-d4	113	76.6-113	S	%REC	1	12/22/2006
Surr: 4-Bromofluorobenzene	95.8	77-117		%REC	1	12/22/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT:	Cypress Engineering	Client Sample ID:	MW-4
Lab Order:	0612230	Collection Date:	12/17/2006 1:15:00 PM
Project:	TWP WT 1 ERP	Date Received:	12/20/2006
Lab ID:	0612230-03	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Surr: Dibromofluoromethane	109	72.3-121	%REC		1	12/22/2006
Surr: Toluene-d8	106	73-113	%REC		1	12/22/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	1800	20		mg/L	1	12/21/2006

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	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: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-04

Client Sample ID: MW-17
Collection Date: 12/15/2006 11:25:00 AM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	600	2.0		mg/L	20	1/3/2007 6:24:33 PM
Nitrate (As N)+Nitrite (As N)	7.1	0.50		mg/L	5	1/3/2007 10:45:39 PM
Sulfate	640	5.0		mg/L	10	1/3/2007 12:36:23 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: IC
Arsenic	ND	0.020		mg/L	1	12/27/2006 10:02:19 AM
Barium	0.065	0.020		mg/L	1	12/26/2006 4:55:58 PM
Iron	ND	0.020		mg/L	1	12/26/2006 4:55:58 PM
Manganese	ND	0.0020		mg/L	1	12/26/2006 4:55:58 PM
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Benzene	ND	1.0		µg/L	1	12/21/2006
Toluene	ND	1.0		µg/L	1	12/21/2006
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	12/21/2006
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/21/2006
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/21/2006
Naphthalene	ND	2.0		µg/L	1	12/21/2006
1-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
2-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
Acetone	ND	10		µg/L	1	12/21/2006
Bromobenzene	ND	1.0		µg/L	1	12/21/2006
Bromochloromethane	ND	1.0		µg/L	1	12/21/2006
Bromodichloromethane	ND	1.0		µg/L	1	12/21/2006
Bromoform	ND	1.0		µg/L	1	12/21/2006
Bromomethane	ND	2.0		µg/L	1	12/21/2006
2-Butanone	ND	10		µg/L	1	12/21/2006
Carbon disulfide	ND	10		µg/L	1	12/21/2006
Carbon Tetrachloride	ND	2.0		µg/L	1	12/21/2006
Chlorobenzene	ND	1.0		µg/L	1	12/21/2006
Chloroethane	ND	2.0		µg/L	1	12/21/2006
Chloroform	1.1	1.0		µg/L	1	12/21/2006
Chloromethane	ND	1.0		µg/L	1	12/21/2006
2-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
4-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
cis-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-04

Client Sample ID: MW-17
 Collection Date: 12/15/2006 11:25:00 AM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/21/2006
Dibromochloromethane	ND	1.0		µg/L	1	12/21/2006
Dibromomethane	ND	2.0		µg/L	1	12/21/2006
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/21/2006
1,1-Dichloroethane	ND	2.0		µg/L	1	12/21/2006
1,1-Dichloroethene	1.9	1.0		µg/L	1	12/21/2006
1,2-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
1,3-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
2,2-Dichloropropane	ND	2.0		µg/L	1	12/21/2006
1,1-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
Hexachlorobutadiene	ND	2.0		µg/L	1	12/21/2006
2-Hexanone	ND	10		µg/L	1	12/21/2006
Isopropylbenzene	ND	1.0		µg/L	1	12/21/2006
4-Isopropyltoluene	ND	1.0		µg/L	1	12/21/2006
4-Methyl-2-pentanone	ND	10		µg/L	1	12/21/2006
Methylene Chloride	ND	3.0		µg/L	1	12/21/2006
n-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
n-Propylbenzene	ND	1.0		µg/L	1	12/21/2006
sec-Butylbenzene	ND	2.0		µg/L	1	12/21/2006
Styrene	ND	1.5		µg/L	1	12/21/2006
tert-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
Tetrachloroethene (PCE)	1.4	1.0		µg/L	1	12/21/2006
trans-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
Trichloroethene (TCE)	1.2	1.0		µg/L	1	12/21/2006
Trichlorofluoromethane	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/21/2006
Vinyl chloride	ND	1.0		µg/L	1	12/21/2006
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006
Sum: 1,2-Dichloroethane-d4	107	76.6-113		%REC	1	12/21/2006
Sum: 4-Bromofluorobenzene	91.0	77-117		%REC	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-04

Client Sample ID: MW-17
Collection Date: 12/15/2006 11:25:00 AM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Sum: Dibromofluoromethane	96.9	72.3-121	%REC		1	12/21/2006
Sum: Toluene-d8	102	73-113	%REC		1	12/21/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	2300	20		mg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-05

Client Sample ID: SVE-1A
 Collection Date: 12/14/2006 4:50:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	340	1.0		mg/L	10	1/3/2007 12:53:47 PM
Nitrate (As N)+Nitrite (As N)	ND	0.50		mg/L	5	1/3/2007 11:03:03 PM
Sulfate	ND	5.0		mg/L	10	1/3/2007 12:53:47 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: IC
Arsenic	0.046	0.020		mg/L	1	12/27/2006 10:04:48 AM
Barium	25	2.0		mg/L	100	12/27/2006 10:08:18 AM
Iron	7.9	0.20		mg/L	10	12/26/2006 5:40:53 PM
Manganese	0.024	0.0020		mg/L	1	12/26/2006 4:42:30 PM
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Benzene	160	10		µg/L	10	12/21/2006
Toluene	31	10		µg/L	10	12/21/2006
Ethylbenzene	65	10		µg/L	10	12/21/2006
Methyl tert-butyl ether (MTBE)	ND	15		µg/L	10	12/21/2006
1,2,4-Trimethylbenzene	94	10		µg/L	10	12/21/2006
1,3,5-Trimethylbenzene	70	10		µg/L	10	12/21/2006
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	12/21/2006
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	12/21/2006
Naphthalene	37	20		µg/L	10	12/21/2006
1-Methylnaphthalene	ND	40		µg/L	10	12/21/2006
2-Methylnaphthalene	ND	40		µg/L	10	12/21/2006
Acetone	ND	100		µg/L	10	12/21/2006
Bromobenzene	ND	10		µg/L	10	12/21/2006
Bromochloromethane	ND	10		µg/L	10	12/21/2006
Bromodichloromethane	ND	10		µg/L	10	12/21/2006
Bromoform	ND	10		µg/L	10	12/21/2006
Bromomethane	ND	20		µg/L	10	12/21/2006
2-Butanone	ND	100		µg/L	10	12/21/2006
Carbon disulfide	ND	100		µg/L	10	12/21/2006
Carbon Tetrachloride	ND	20		µg/L	10	12/21/2006
Chlorobenzene	ND	10		µg/L	10	12/21/2006
Chloroethane	ND	20		µg/L	10	12/21/2006
Chloroform	ND	10		µg/L	10	12/21/2006
Chloromethane	ND	10		µg/L	10	12/21/2006
2-Chlorotoluene	ND	10		µg/L	10	12/21/2006
4-Chlorotoluene	ND	10		µg/L	10	12/21/2006
cis-1,2-DCE	95	10		µg/L	10	12/21/2006
cis-1,3-Dichloropropene	ND	10		µg/L	10	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-05

Client Sample ID: SVE-1A
 Collection Date: 12/14/2006 4:50:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	12/21/2006
Dibromochloromethane	ND	10		µg/L	10	12/21/2006
Dibromomethane	ND	20		µg/L	10	12/21/2006
1,2-Dichlorobenzene	ND	10		µg/L	10	12/21/2006
1,3-Dichlorobenzene	ND	10		µg/L	10	12/21/2006
1,4-Dichlorobenzene	ND	10		µg/L	10	12/21/2006
Dichlorodifluoromethane	ND	10		µg/L	10	12/21/2006
1,1-Dichloroethane	230	20		µg/L	10	12/21/2006
1,1-Dichloroethene	ND	10		µg/L	10	12/21/2006
1,2-Dichloropropane	ND	10		µg/L	10	12/21/2006
1,3-Dichloropropane	ND	10		µg/L	10	12/21/2006
2,2-Dichloropropane	ND	20		µg/L	10	12/21/2006
1,1-Dichloropropene	ND	10		µg/L	10	12/21/2006
Hexachlorobutadiene	ND	20		µg/L	10	12/21/2006
2-Hexanone	ND	100		µg/L	10	12/21/2006
Isopropylbenzene	ND	10		µg/L	10	12/21/2006
4-Isopropyltoluene	ND	10		µg/L	10	12/21/2006
4-Methyl-2-pentanone	200	100		µg/L	10	12/21/2006
Methylene Chloride	ND	30		µg/L	10	12/21/2006
n-Butylbenzene	ND	10		µg/L	10	12/21/2006
n-Propylbenzene	14	10		µg/L	10	12/21/2006
sec-Butylbenzene	ND	20		µg/L	10	12/21/2006
Styrene	ND	15		µg/L	10	12/21/2006
tert-Butylbenzene	ND	10		µg/L	10	12/21/2006
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	12/21/2006
1,1,2,2-Tetrachloroethane	ND	10		µg/L	10	12/21/2006
Tetrachloroethene (PCE)	ND	10		µg/L	10	12/21/2006
trans-1,2-DCE	ND	10		µg/L	10	12/21/2006
trans-1,3-Dichloropropene	ND	10		µg/L	10	12/21/2006
1,2,3-Trichlorobenzene	ND	10		µg/L	10	12/21/2006
1,2,4-Trichlorobenzene	ND	10		µg/L	10	12/21/2006
1,1,1-Trichloroethane	15	10		µg/L	10	12/21/2006
1,1,2-Trichloroethane	ND	10		µg/L	10	12/21/2006
Trichloroethene (TCE)	60	10		µg/L	10	12/21/2006
Trichlorofluoromethane	ND	10		µg/L	10	12/21/2006
1,2,3-Trichloropropane	ND	20		µg/L	10	12/21/2006
Vinyl chloride	ND	10		µg/L	10	12/21/2006
Xylenes, Total	120	30		µg/L	10	12/21/2006
Surr: 1,2-Dichloroethane-d4	107	76.6-113		%REC	10	12/21/2006
Surr: 4-Bromofluorobenzene	85.8	77-117		%REC	10	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT:	Cypress Engineering	Client Sample ID:	SVE-1A
Lab Order:	0612230	Collection Date:	12/14/2006 4:50:00 PM
Project:	TWP WT 1 ERP	Date Received:	12/20/2006
Lab ID:	0612230-05	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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EPA METHOD 8260B: VOLATILES

Analyst: LMM

Surr: Dibromofluoromethane	98.5	72.3-121	%REC	10	12/21/2006
Surr: Toluene-d8	108	73-113	%REC	10	12/21/2006

EPA METHOD 160.1: TDS

Analyst: KS

Total Dissolved Solids	1600	20	mg/L	1	12/21/2006
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Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- 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

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Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-06

Client Sample ID: MW-7
Collection Date: 12/14/2006 4:15:00 PM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	340	1.0		mg/L	10	1/3/2007 1:11:12 PM
Nitrate (As N)+Nitrite (As N)	4.4	0.50		mg/L	5	1/3/2007 11:37:53 PM
Sulfate	540	5.0		mg/L	10	1/3/2007 1:11:12 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: CMS
Arsenic	ND	0.020		mg/L	1	12/28/2006 4:40:20 PM
Barium	0.022	0.020		mg/L	1	12/28/2006 4:40:20 PM
Iron	ND	0.050		mg/L	1	12/28/2006 4:40:20 PM
Manganese	0.068	0.0020		mg/L	1	12/28/2006 4:40:20 PM
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Benzene	ND	1.0		µg/L	1	12/21/2006
Toluene	ND	1.0		µg/L	1	12/21/2006
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	12/21/2006
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/21/2006
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/21/2006
Naphthalene	ND	2.0		µg/L	1	12/21/2006
1-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
2-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
Acetone	ND	10		µg/L	1	12/21/2006
Bromobenzene	ND	1.0		µg/L	1	12/21/2006
Bromochloromethane	ND	1.0		µg/L	1	12/21/2006
Bromodichloromethane	ND	1.0		µg/L	1	12/21/2006
Bromoform	ND	1.0		µg/L	1	12/21/2006
Bromomethane	ND	2.0		µg/L	1	12/21/2006
2-Butanone	ND	10		µg/L	1	12/21/2006
Carbon disulfide	ND	10		µg/L	1	12/21/2006
Carbon Tetrachloride	ND	2.0		µg/L	1	12/21/2006
Chlorobenzene	ND	1.0		µg/L	1	12/21/2006
Chloroethane	ND	2.0		µg/L	1	12/21/2006
Chloroform	ND	1.0		µg/L	1	12/21/2006
Chloromethane	ND	1.0		µg/L	1	12/21/2006
2-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
4-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
cis-1,2-DCE	41	1.0		µg/L	1	12/21/2006
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-06

Client Sample ID: MW-7
Collection Date: 12/14/2006 4:15:00 PM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/21/2006
Dibromochloromethane	ND	1.0		µg/L	1	12/21/2006
Dibromomethane	ND	2.0		µg/L	1	12/21/2006
1,2-Dichlorotenzene	ND	1.0		µg/L	1	12/21/2006
1,3-Dichlorotenzene	ND	1.0		µg/L	1	12/21/2006
1,4-Dichlorotenzene	ND	1.0		µg/L	1	12/21/2006
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/21/2006
1,1-Dichloroethane	38	2.0		µg/L	1	12/21/2006
1,1-Dichloroethene	1.4	1.0		µg/L	1	12/21/2006
1,2-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
1,3-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
2,2-Dichloropropane	ND	2.0		µg/L	1	12/21/2006
1,1-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
Hexachlorobutadiene	ND	2.0		µg/L	1	12/21/2006
2-Hexanone	ND	10		µg/L	1	12/21/2006
Isopropylbenzene	ND	1.0		µg/L	1	12/21/2006
4-Isopropyltoluene	ND	1.0		µg/L	1	12/21/2006
4-Methyl-2-pentanone	ND	10		µg/L	1	12/21/2006
Methylene Chloride	ND	3.0		µg/L	1	12/21/2006
n-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
n-Propylbenzene	ND	1.0		µg/L	1	12/21/2006
sec-Butylbenzene	ND	2.0		µg/L	1	12/21/2006
Styrene	ND	1.5		µg/L	1	12/21/2006
tert-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/21/2006
trans-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
Trichloroethene (TCE)	12	1.0		µg/L	1	12/21/2006
Trichlorofluoromethane	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/21/2006
Vinyl chloride	ND	1.0		µg/L	1	12/21/2006
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006
Surr: 1,2-Dichloroethane-d4	109	76.6-113		%REC	1	12/21/2006
Surr: 4-Bromofluorobenzene	92.2	77-117		%REC	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-06

Client Sample ID: MW-7
Collection Date: 12/14/2006 4:15:00 PM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Surr: Dibromofluoromethane	99.8	72.3-121	%REC		1	12/21/2006
Surr: Toluene-d8	106	73-113	%REC		1	12/21/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	1800	20		mg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-07

Client Sample ID: MW-1
 Collection Date: 12/17/2006 3:00:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	280	1.0		mg/L	10	1/3/2007 1:28:36 PM
Nitrate (As N)+Nitrite (As N)	ND	0.50		mg/L	5	1/3/2007 11:55:17 PM
Sulfate	ND	5.0		mg/L	10	1/3/2007 1:28:36 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: CMS
Arsenic	0.20	0.020		mg/L	1	12/28/2006 4:44:31 PM
Barium	25	2.0		mg/L	100	12/29/2006 9:46:49 AM
Iron	9.1	0.50		mg/L	10	12/29/2006 9:49:34 AM
Manganese	0.013	0.0020		mg/L	1	12/28/2006 4:44:31 PM
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Benzene	48	10		µg/L	10	12/21/2006
Toluene	130	10		µg/L	10	12/21/2006
Ethylbenzene	32	10		µg/L	10	12/21/2006
Methyl tert-butyl ether (MTBE)	ND	15		µg/L	10	12/21/2006
1,2,4-Trimethylbenzene	90	10		µg/L	10	12/21/2006
1,3,5-Trimethylbenzene	40	10		µg/L	10	12/21/2006
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	12/21/2006
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	12/21/2006
Naphthalene	32	20		µg/L	10	12/21/2006
1-Methylnaphthalene	ND	40		µg/L	10	12/21/2006
2-Methylnaphthalene	ND	40		µg/L	10	12/21/2006
Acetone	ND	100		µg/L	10	12/21/2006
Bromobenzene	ND	10		µg/L	10	12/21/2006
Bromochloromethane	ND	10		µg/L	10	12/21/2006
Bromodichloromethane	ND	10		µg/L	10	12/21/2006
Bromoform	ND	10		µg/L	10	12/21/2006
Bromomethane	ND	20		µg/L	10	12/21/2006
2-Butanone	ND	100		µg/L	10	12/21/2006
Carbon disulfide	ND	100		µg/L	10	12/21/2006
Carbon Tetrachloride	ND	20		µg/L	10	12/21/2006
Chlorobenzene	ND	10		µg/L	10	12/21/2006
Chloroethane	ND	20		µg/L	10	12/21/2006
Chloroform	ND	10		µg/L	10	12/21/2006
Chloromethane	ND	10		µg/L	10	12/21/2006
2-Chlorotoluene	ND	10		µg/L	10	12/21/2006
4-Chlorotoluene	ND	10		µg/L	10	12/21/2006
cis-1,2-DCE	12	10		µg/L	10	12/21/2006
cis-1,3-Dichloropropene	ND	10		µg/L	10	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-07

Client Sample ID: MW-1
 Collection Date: 12/17/2006 3:00:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	12/21/2006
Dibromochloromethane	ND	10		µg/L	10	12/21/2006
Dibromomethane	ND	20		µg/L	10	12/21/2006
1,2-Dichlorobenzene	ND	10		µg/L	10	12/21/2006
1,3-Dichlorobenzene	ND	10		µg/L	10	12/21/2006
1,4-Dichlorobenzene	ND	10		µg/L	10	12/21/2006
Dichlorodifluoromethane	ND	10		µg/L	10	12/21/2006
1,1-Dichloroethane	380	20		µg/L	10	12/21/2006
1,1-Dichloroethene	ND	10		µg/L	10	12/21/2006
1,2-Dichloropropane	ND	10		µg/L	10	12/21/2006
1,3-Dichloropropane	ND	10		µg/L	10	12/21/2006
2,2-Dichloropropane	ND	20		µg/L	10	12/21/2006
1,1-Dichloropropene	ND	10		µg/L	10	12/21/2006
Hexachlorobutadiene	ND	20		µg/L	10	12/21/2006
2-Hexanone	ND	100		µg/L	10	12/21/2006
Isopropylbenzene	ND	10		µg/L	10	12/21/2006
4-Isopropyltoluene	ND	10		µg/L	10	12/21/2006
4-Methyl-2-pentanone	2400	200		µg/L	20	12/22/2006
Methylene Chloride	ND	30		µg/L	10	12/21/2006
n-Butylbenzene	ND	10		µg/L	10	12/21/2006
n-Propylbenzene	ND	10		µg/L	10	12/21/2006
sec-Butylbenzene	ND	20		µg/L	10	12/21/2006
Styrene	ND	15		µg/L	10	12/21/2006
tert-Butylbenzene	ND	10		µg/L	10	12/21/2006
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	12/21/2006
1,1,2,2-Tetrachloroethane	ND	10		µg/L	10	12/21/2006
Tetrachloroethene (PCE)	20	10		µg/L	10	12/21/2006
trans-1,2-DCE	ND	10		µg/L	10	12/21/2006
trans-1,3-Dichloropropene	ND	10		µg/L	10	12/21/2006
1,2,3-Trichlorobenzene	ND	10		µg/L	10	12/21/2006
1,2,4-Trichlorobenzene	ND	10		µg/L	10	12/21/2006
1,1,1-Trichloroethane	18	10		µg/L	10	12/21/2006
1,1,2-Trichloroethane	ND	10		µg/L	10	12/21/2006
Trichloroethene (TCE)	58	10		µg/L	10	12/21/2006
Trichlorofluoromethane	ND	10		µg/L	10	12/21/2006
1,2,3-Trichloropropane	ND	20		µg/L	10	12/21/2006
Vinyl chloride	ND	10		µg/L	10	12/21/2006
Xylenes, Total	210	30		µg/L	10	12/21/2006
Surr: 1,2-Dichloroethane-d4	105	76.6-113		%REC	10	12/21/2006
Surr: 4-Bromofluorobenzene	88.7	77-117		%REC	10	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-07

Client Sample ID: MW-1
Collection Date: 12/17/2006 3:00:00 PM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Surr: Dibromofluoromethane	94.6	72.3-121	%REC		10	12/21/2006
Surr: Toluene-d8	100	73-113	%REC		10	12/21/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	1700	20	mg/L		1	12/21/2006

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-08

Client Sample ID: MW-5
Collection Date: 12/17/2006 3:30:00 PM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	240	1.0		mg/L	10	1/3/2007 1:46:01 PM
Nitrate (As N)+Nitrite (As N)	ND	0.50		mg/L	5	1/4/2007 12:12:41 AM
Sulfate	ND	5.0		mg/L	10	1/3/2007 1:46:01 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: CMS
Arsenic	0.036	0.020		mg/L	1	12/28/2006 4:48:39 PM
Barium	15	0.40		mg/L	20	12/29/2006 9:52:20 AM
Iron	3.8	0.50		mg/L	10	12/29/2006 10:06:47 AM
Manganese	0.046	0.0020		mg/L	1	12/28/2006 4:48:39 PM
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Benzene	47	5.0		µg/L	5	12/22/2006
Toluene	16	5.0		µg/L	5	12/22/2006
Ethylbenzene	17	5.0		µg/L	5	12/22/2006
Methyl tert-butyl ether (MTBE)	ND	7.5		µg/L	5	12/22/2006
1,2,4-Trimethylbenzene	35	5.0		µg/L	5	12/22/2006
1,3,5-Trimethylbenzene	17	5.0		µg/L	5	12/22/2006
1,2-Dichloroethane (EDC)	8.7	5.0		µg/L	5	12/22/2006
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	12/22/2006
Naphthalene	24	10		µg/L	5	12/22/2006
1-Methylnaphthalene	ND	20		µg/L	5	12/22/2006
2-Methylnaphthalene	ND	20		µg/L	5	12/22/2006
Acetone	ND	50		µg/L	5	12/22/2006
Bromobenzene	ND	5.0		µg/L	5	12/22/2006
Bromochloromethane	ND	5.0		µg/L	5	12/22/2006
Bromodichloromethane	ND	5.0		µg/L	5	12/22/2006
Bromoform	ND	5.0		µg/L	5	12/22/2006
Bromomethane	ND	10		µg/L	5	12/22/2006
2-Butanone	ND	50		µg/L	5	12/22/2006
Carbon disulfide	ND	50		µg/L	5	12/22/2006
Carbon Tetrachloride	ND	10		µg/L	5	12/22/2006
Chlorobenzene	ND	5.0		µg/L	5	12/22/2006
Chloroethane	ND	10		µg/L	5	12/22/2006
Chloroform	ND	5.0		µg/L	5	12/22/2006
Chloromethane	ND	5.0		µg/L	5	12/22/2006
2-Chlorotoluene	ND	5.0		µg/L	5	12/22/2006
4-Chlorotoluene	ND	5.0		µg/L	5	12/22/2006
cis-1,2-DCE	120	5.0		µg/L	5	12/22/2006
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	12/22/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-08

Client Sample ID: MW-5
 Collection Date: 12/17/2006 3:30:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	12/22/2006
Dibromochloromethane	ND	5.0		µg/L	5	12/22/2006
Dibromomethane	ND	10		µg/L	5	12/22/2006
1,2-Dichlorobenzene	ND	5.0		µg/L	5	12/22/2006
1,3-Dichlorobenzene	ND	5.0		µg/L	5	12/22/2006
1,4-Dichlorobenzene	ND	5.0		µg/L	5	12/22/2006
Dichlorodifluoromethane	ND	5.0		µg/L	5	12/22/2006
1,1-Dichloroethane	210	10		µg/L	5	12/22/2006
1,1-Dichloroethene	5.8	5.0		µg/L	5	12/22/2006
1,2-Dichloropropane	ND	5.0		µg/L	5	12/22/2006
1,3-Dichloropropane	ND	5.0		µg/L	5	12/22/2006
2,2-Dichloropropane	ND	10		µg/L	5	12/22/2006
1,1-Dichloropropene	ND	5.0		µg/L	5	12/22/2006
Hexachlorobutadiene	ND	10		µg/L	5	12/22/2006
2-Hexanone	ND	50		µg/L	5	12/22/2006
Isopropylbenzene	ND	5.0		µg/L	5	12/22/2006
4-Isopropyltoluene	5.2	5.0		µg/L	5	12/22/2006
4-Methyl-2-pentanone	ND	50		µg/L	5	12/22/2006
Methylene Chloride	ND	15		µg/L	5	12/22/2006
n-Butylbenzene	ND	5.0		µg/L	5	12/22/2006
n-Propylbenzene	ND	5.0		µg/L	5	12/22/2006
sec-Butylbenzene	ND	10		µg/L	5	12/22/2006
Styrene	ND	7.5		µg/L	5	12/22/2006
tert-Butylbenzene	ND	5.0		µg/L	5	12/22/2006
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	12/22/2006
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	5	12/22/2006
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	12/22/2006
trans-1,2-DCE	ND	5.0		µg/L	5	12/22/2006
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	12/22/2006
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	12/22/2006
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	12/22/2006
1,1,1-Trichloroethane	ND	5.0		µg/L	5	12/22/2006
1,1,2-Trichloroethane	ND	5.0		µg/L	5	12/22/2006
Trichloroethene (TCE)	150	5.0		µg/L	5	12/22/2006
Trichlorofluoromethane	ND	5.0		µg/L	5	12/22/2006
1,2,3-Trichloropropane	ND	10		µg/L	5	12/22/2006
Vinyl chloride	ND	5.0		µg/L	5	12/22/2006
Xylenes, Total	42	15		µg/L	5	12/22/2006
Surr. 1,2-Dichloroethane-d4	101	76.6-113		%REC	5	12/22/2006
Surr. 4-Bromofluorobenzene	91.7	77-117		%REC	5	12/22/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-08

Client Sample ID: MW-5
Collection Date: 12/17/2006 3:30:00 PM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Surr: Dibromofluoromethane	99.1	72.3-121	%REC		5	12/22/2006
Surr: Toluene-d8	99.0	73-113	%REC		5	12/22/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	1500	20	mg/L		1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT:	Cypress Engineering	Client Sample ID:	MW-24
Lab Order:	0612230	Collection Date:	12/17/2006 10:00:00 AM
Project:	TWP WT 1 ERP	Date Received:	12/20/2006
Lab ID:	0612230-09	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	240	1.0		mg/L	10	1/3/2007 2:38:15 PM
Nitrate (As N)+Nitrite (As N)	ND	0.50		mg/L	5	1/4/2007 12:30:06 AM
Sulfate	ND	5.0		mg/L	10	1/3/2007 2:38:15 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: CMS
Arsenic	ND	0.020		mg/L	1	12/28/2006 5:07:38 PM
Barium	15	0.40		mg/L	20	12/29/2006 10:09:31 AM
Iron	2.5	0.25		mg/L	5	12/29/2006 10:12:15 AM
Manganese	0.042	0.0020		mg/L	1	12/28/2006 5:07:38 PM
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Benzene	58	5.0		µg/L	5	12/22/2006
Toluene	16	5.0		µg/L	5	12/22/2006
Ethylbenzene	19	5.0		µg/L	5	12/22/2006
Methyl tert-butyl ether (MTBE)	ND	7.5		µg/L	5	12/22/2006
1,2,4-Trimethylbenzene	32	5.0		µg/L	5	12/22/2006
1,3,5-Trimethylbenzene	17	5.0		µg/L	5	12/22/2006
1,2-Dichloroethane (EDC)	9.3	5.0		µg/L	5	12/22/2006
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	12/22/2006
Naphthalene	21	10		µg/L	5	12/22/2006
1-Methylnaphthalene	ND	20		µg/L	5	12/22/2006
2-Methylnaphthalene	ND	20		µg/L	5	12/22/2006
Acetone	ND	50		µg/L	5	12/22/2006
Bromobenzene	ND	5.0		µg/L	5	12/22/2006
Bromochloromethane	ND	5.0		µg/L	5	12/22/2006
Bromodichloromethane	ND	5.0		µg/L	5	12/22/2006
Bromoform	ND	5.0		µg/L	5	12/22/2006
Bromomethane	ND	10		µg/L	5	12/22/2006
2-Butanone	ND	50		µg/L	5	12/22/2006
Carbon disulfide	ND	50		µg/L	5	12/22/2006
Carbon Tetrachloride	ND	10		µg/L	5	12/22/2006
Chlorobenzene	ND	5.0		µg/L	5	12/22/2006
Chloroethane	ND	10		µg/L	5	12/22/2006
Chloroform	ND	5.0		µg/L	5	12/22/2006
Chloromethane	ND	5.0		µg/L	5	12/22/2006
2-Chlorotoluene	ND	5.0		µg/L	5	12/22/2006
4-Chlorotoluene	ND	5.0		µg/L	5	12/22/2006
cis-1,2-DCE	150	5.0		µg/L	5	12/22/2006
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	12/22/2006

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-09

Client Sample ID: MW-24
Collection Date: 12/17/2006 10:00:00 AM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	12/22/2006
Dibromochloromethane	ND	5.0		µg/L	5	12/22/2006
Dibromomethane	ND	10		µg/L	5	12/22/2006
1,2-Dichlorobenzene	ND	5.0		µg/L	5	12/22/2006
1,3-Dichlorobenzene	ND	5.0		µg/L	5	12/22/2006
1,4-Dichlorobenzene	ND	5.0		µg/L	5	12/22/2006
Dichlorodifluoromethane	ND	5.0		µg/L	5	12/22/2006
1,1-Dichloroethane	240	10		µg/L	5	12/22/2006
1,1-Dichloroethene	5.8	5.0		µg/L	5	12/22/2006
1,2-Dichloropropane	ND	5.0		µg/L	5	12/22/2006
1,3-Dichloropropane	ND	5.0		µg/L	5	12/22/2006
2,2-Dichloropropane	ND	10		µg/L	5	12/22/2006
1,1-Dichloropropene	ND	5.0		µg/L	5	12/22/2006
Hexachlorobutadiene	ND	10		µg/L	5	12/22/2006
2-Hexanone	ND	50		µg/L	5	12/22/2006
Isopropylbenzene	ND	5.0		µg/L	5	12/22/2006
4-Isopropyltoluene	ND	5.0		µg/L	5	12/22/2006
4-Methyl-2-pentanone	ND	50		µg/L	5	12/22/2006
Methylene Chloride	ND	15		µg/L	5	12/22/2006
n-Butylbenzene	ND	5.0		µg/L	5	12/22/2006
n-Propylbenzene	ND	5.0		µg/L	5	12/22/2006
sec-Butylbenzene	ND	10		µg/L	5	12/22/2006
Styrene	ND	7.5		µg/L	5	12/22/2006
tert-Butylbenzene	ND	5.0		µg/L	5	12/22/2006
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	12/22/2006
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	5	12/22/2006
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	12/22/2006
trans-1,2-DCE	ND	5.0		µg/L	5	12/22/2006
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	12/22/2006
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	12/22/2006
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	12/22/2006
1,1,1-Trichloroethane	ND	5.0		µg/L	5	12/22/2006
1,1,2-Trichloroethane	ND	5.0		µg/L	5	12/22/2006
Trichloroethene (TCE)	170	5.0		µg/L	5	12/22/2006
Trichlorofluoromethane	ND	5.0		µg/L	5	12/22/2006
1,2,3-Trichloropropane	ND	10		µg/L	5	12/22/2006
Vinyl chloride	ND	5.0		µg/L	5	12/22/2006
Xylenes, Total	49	15		µg/L	5	12/22/2006
Surr: 1,2-Dichloroethane-d4	98.0	76.6-113		%REC	5	12/22/2006
Surr: 4-Bromofluorobenzene	87.9	77-117		%REC	5	12/22/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT:	Cypress Engineering	Client Sample ID:	MW-24
Lab Order:	0612230	Collection Date:	12/17/2006 10:00:00 AM
Project:	TWP WT 1 ERP	Date Received:	12/20/2006
Lab ID:	0612230-09	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Surr: Dibromofluoromethane	97.3	72.3-121	%REC		5	12/22/2006
Surr: Toluene-d8	113	73-113	%REC		5	12/22/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	1600	20		mg/L	1	12/21/2006

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-10

Client Sample ID: MW-8
 Collection Date: 12/17/2006 10:55:00 AM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	370	1.0		mg/L	10	1/3/2007 2:55:39 PM
Nitrate (As N)+Nitrite (As N)	ND	0.50		mg/L	5	1/4/2007 1:39:47 AM
Sulfate	340	5.0		mg/L	10	1/3/2007 2:55:39 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: CMS
Arsenic	ND	0.020		mg/L	1	12/28/2006 5:11:37 PM
Barium	0.098	0.020		mg/L	1	12/28/2006 5:11:37 PM
Iron	ND	0.050		mg/L	1	12/28/2006 5:11:37 PM
Manganese	0.34	0.0020		mg/L	1	12/28/2006 5:11:37 PM
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Benzene	2.1	1.0		µg/L	1	12/21/2006
Toluene	ND	1.0		µg/L	1	12/21/2006
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	12/21/2006
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,2-Dichloroethane (EDC)	1.1	1.0		µg/L	1	12/21/2006
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/21/2006
Naphthalene	ND	2.0		µg/L	1	12/21/2006
1-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
2-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
Acetone	ND	10		µg/L	1	12/21/2006
Bromobenzene	ND	1.0		µg/L	1	12/21/2006
Bromochloromethane	ND	1.0		µg/L	1	12/21/2006
Bromodichloromethane	ND	1.0		µg/L	1	12/21/2006
Bromoform	ND	1.0		µg/L	1	12/21/2006
Bromomethane	ND	2.0		µg/L	1	12/21/2006
2-Butanone	ND	10		µg/L	1	12/21/2006
Carbon disulfide	ND	10		µg/L	1	12/21/2006
Carbon Tetrachloride	ND	2.0		µg/L	1	12/21/2006
Chlorobenzene	ND	1.0		µg/L	1	12/21/2006
Chloroethane	ND	2.0		µg/L	1	12/21/2006
Chloroform	ND	1.0		µg/L	1	12/21/2006
Chloromethane	ND	1.0		µg/L	1	12/21/2006
2-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
4-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
cis-1,2-DCE	19	1.0		µg/L	1	12/21/2006
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-10

Client Sample ID: MW-8
 Collection Date: 12/17/2006 10:55:00 AM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/21/2006
Dibromochloromethane	ND	1.0		µg/L	1	12/21/2006
Dibromomethane	ND	2.0		µg/L	1	12/21/2006
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/21/2006
1,1-Dichloroethane	33	2.0		µg/L	1	12/21/2006
1,1-Dichloroethene	1.2	1.0		µg/L	1	12/21/2006
1,2-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
1,3-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
2,2-Dichloropropane	ND	2.0		µg/L	1	12/21/2006
1,1-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
Hexachlorobutadiene	ND	2.0		µg/L	1	12/21/2006
2-Hexanone	ND	10		µg/L	1	12/21/2006
Isopropylbenzene	ND	1.0		µg/L	1	12/21/2006
4-Isopropyltoluene	ND	1.0		µg/L	1	12/21/2006
4-Methyl-2-pentanone	ND	10		µg/L	1	12/21/2006
Methylene Chloride	ND	3.0		µg/L	1	12/21/2006
n-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
n-Propylbenzene	ND	1.0		µg/L	1	12/21/2006
sec-Butylbenzene	ND	2.0		µg/L	1	12/21/2006
Styrene	ND	1.5		µg/L	1	12/21/2006
tert-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/21/2006
trans-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
Trichloroethene (TCE)	18	1.0		µg/L	1	12/21/2006
Trichlorofluoromethane	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/21/2006
Vinyl chloride	ND	1.0		µg/L	1	12/21/2006
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006
Surr: 1,2-Dichloroethane-d4	102	76.6-113		%REC	1	12/21/2006
Surr: 4-Bromofluorobenzene	99.8	77-117		%REC	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-10

Client Sample ID: MW-8
Collection Date: 12/17/2006 10:55:00 AM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Surr: Dibromofluoromethane	105	72.3-121	%REC		1	12/21/2006
Surr: Toluene-d8	108	73-113	%REC		1	12/21/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	1500	20		mg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-11

Client Sample ID: MW-6
 Collection Date: 12/17/2006 11:55:00 AM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	700	5.0		mg/L	50	1/4/2007 2:32:01 AM
Nitrate (As N)--Nitrite (As N)	ND	0.50		mg/L	5	1/4/2007 1:57:12 AM
Sulfate	570	5.0		mg/L	10	1/3/2007 3:13:03 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: CMS
Arsenic	ND	0.020		mg/L	1	12/28/2006 5:15:48 PM
Barium	0.084	0.020		mg/L	1	12/28/2006 5:15:48 PM
Iron	0.96	0.050		mg/L	1	12/28/2006 5:15:48 PM
Manganese	0.83	0.0020		mg/L	1	12/28/2006 5:15:48 PM
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Benzene	ND	1.0		µg/L	1	12/22/2006
Toluene	ND	1.0		µg/L	1	12/22/2006
Ethylbenzene	ND	1.0		µg/L	1	12/22/2006
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	12/22/2006
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/22/2006
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/22/2006
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/22/2006
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/22/2006
Naphthalene	ND	2.0		µg/L	1	12/22/2006
1-Methylnaphthalene	ND	4.0		µg/L	1	12/22/2006
2-Methylnaphthalene	ND	4.0		µg/L	1	12/22/2006
Acetone	ND	10		µg/L	1	12/22/2006
Bromobenzene	ND	1.0		µg/L	1	12/22/2006
Bromochloromethane	ND	1.0		µg/L	1	12/22/2006
Bromodichloromethane	ND	1.0		µg/L	1	12/22/2006
Bromoform	ND	1.0		µg/L	1	12/22/2006
Bromomethane	ND	2.0		µg/L	1	12/22/2006
2-Butanone	ND	10		µg/L	1	12/22/2006
Carbon disulfide	ND	10		µg/L	1	12/22/2006
Carbon Tetrachloride	ND	2.0		µg/L	1	12/22/2006
Chlorobenzene	ND	1.0		µg/L	1	12/22/2006
Chloroethane	ND	2.0		µg/L	1	12/22/2006
Chloroform	ND	1.0		µg/L	1	12/22/2006
Chloromethane	ND	1.0		µg/L	1	12/22/2006
2-Chlorotoluene	ND	1.0		µg/L	1	12/22/2006
4-Chlorotoluene	ND	1.0		µg/L	1	12/22/2006
cis-1,2-DCE	4.1	1.0		µg/L	1	12/22/2006
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/22/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-11

Client Sample ID: MW-6
 Collection Date: 12/17/2006 11:55:00 AM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/22/2006
Dibromochloromethane	ND	1.0		µg/L	1	12/22/2006
Dibromomethane	ND	2.0		µg/L	1	12/22/2006
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2006
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2006
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2006
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/22/2006
1,1-Dichloroethane	6.5	2.0		µg/L	1	12/22/2006
1,1-Dichloroethene	ND	1.0		µg/L	1	12/22/2006
1,2-Dichloropropane	ND	1.0		µg/L	1	12/22/2006
1,3-Dichloropropane	ND	1.0		µg/L	1	12/22/2006
2,2-Dichloropropane	ND	2.0		µg/L	1	12/22/2006
1,1-Dichloropropene	ND	1.0		µg/L	1	12/22/2006
Hexachlorobutadiene	ND	2.0		µg/L	1	12/22/2006
2-Hexanone	ND	10		µg/L	1	12/22/2006
Isopropylbenzene	ND	1.0		µg/L	1	12/22/2006
4-Isopropyltoluene	ND	1.0		µg/L	1	12/22/2006
4-Methyl-2-pentanone	ND	10		µg/L	1	12/22/2006
Methylene Chloride	ND	3.0		µg/L	1	12/22/2006
n-Butylbenzene	ND	1.0		µg/L	1	12/22/2006
n-Propylbenzene	ND	1.0		µg/L	1	12/22/2006
sec-Butylbenzene	ND	2.0		µg/L	1	12/22/2006
Styrene	ND	1.5		µg/L	1	12/22/2006
tert-Butylbenzene	ND	1.0		µg/L	1	12/22/2006
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/22/2006
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	12/22/2006
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/22/2006
trans-1,2-DCE	ND	1.0		µg/L	1	12/22/2006
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/22/2006
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/22/2006
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/22/2006
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/22/2006
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/22/2006
Trichloroethene (TCE)	11	1.0		µg/L	1	12/22/2006
Trichlorofluoromethane	ND	1.0		µg/L	1	12/22/2006
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/22/2006
Vinyl chloride	ND	1.0		µg/L	1	12/22/2006
Xylenes, Total	ND	3.0		µg/L	1	12/22/2006
Surr: 1,2-Dichloroethane-d4	119	76.6-113	S	%REC	1	12/22/2006
Surr: 4-Bromofluorobenzene	90.7	77-117		%REC	1	12/22/2006

Qualifiers: * Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT:	Cypress Engineering	Client Sample ID:	MW-6
Lab Order:	0612230	Collection Date:	12/17/2006 11:55:00 AM
Project:	TWP WT 1 ERP	Date Received:	12/20/2006
Lab ID:	0612230-11	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Surr: Dibromofluoromethane	112	72.3-121		%REC	1	12/22/2006
Surr: Toluene-d8	107	73-113		%REC	1	12/22/2006
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	2400	20		mg/L	1	12/21/2006

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	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: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-12

Client Sample ID: MW-14
 Collection Date: 12/17/2006 12:30:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TES
Chloride	570	2.0		mg/L	20	1/4/2007 5:26:06 AM
Nitrate (As N)+Nitrite (As N)	1.2	0.50		mg/L	5	1/4/2007 2:14:36 AM
Sulfate	620	5.0		mg/L	10	1/3/2007 3:30:28 PM

EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: CMS
Arsenic	ND	0.020		mg/L	1	12/28/2006 5:19:42 PM
Barium	0.026	0.020		mg/L	1	12/28/2006 5:19:42 PM
Iron	ND	0.050		mg/L	1	12/28/2006 5:19:42 PM
Manganese	0.62	0.0020		mg/L	1	12/28/2006 5:19:42 PM

EPA METHOD 8260B: VOLATILES						Analyst: LMM
Benzene	ND	1.0		µg/L	1	12/21/2006
Toluene	ND	1.0		µg/L	1	12/21/2006
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	12/21/2006
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/21/2006
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/21/2006
Naphthalene	ND	2.0		µg/L	1	12/21/2006
1-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
2-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
Acetone	ND	10		µg/L	1	12/21/2006
Bromobenzene	ND	1.0		µg/L	1	12/21/2006
Bromochloromethane	ND	1.0		µg/L	1	12/21/2006
Bromodichloromethane	ND	1.0		µg/L	1	12/21/2006
Bromoform	ND	1.0		µg/L	1	12/21/2006
Bromomethane	ND	2.0		µg/L	1	12/21/2006
2-Butanone	ND	10		µg/L	1	12/21/2006
Carbon disulfide	ND	10		µg/L	1	12/21/2006
Carbon Tetrachloride	ND	2.0		µg/L	1	12/21/2006
Chlorobenzene	ND	1.0		µg/L	1	12/21/2006
Chloroethane	ND	2.0		µg/L	1	12/21/2006
Chloroform	ND	1.0		µg/L	1	12/21/2006
Chloromethane	ND	1.0		µg/L	1	12/21/2006
2-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
4-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
cis-1,2-DCE	4.5	1.0		µg/L	1	12/21/2006
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-12

Client Sample ID: MW-14
 Collection Date: 12/17/2006 12:30:00 PM
 Date Received: 12/20/2006
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/21/2006
Dibromochloromethane	ND	1.0		µg/L	1	12/21/2006
Dibromomethane	ND	2.0		µg/L	1	12/21/2006
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/21/2006
1,1-Dichloroethane	28	2.0		µg/L	1	12/21/2006
1,1-Dichloroethene	ND	1.0		µg/L	1	12/21/2006
1,2-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
1,3-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
2,2-Dichloropropane	ND	2.0		µg/L	1	12/21/2006
1,1-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
Hexachlorobutadiene	ND	2.0		µg/L	1	12/21/2006
2-Hexanone	ND	10		µg/L	1	12/21/2006
Isopropylbenzene	ND	1.0		µg/L	1	12/21/2006
4-Isopropyltoluene	ND	1.0		µg/L	1	12/21/2006
4-Methyl-2-pentanone	ND	10		µg/L	1	12/21/2006
Methylene Chloride	ND	3.0		µg/L	1	12/21/2006
n-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
n-Propylbenzene	ND	1.0		µg/L	1	12/21/2006
sec-Butylbenzene	ND	2.0		µg/L	1	12/21/2006
Styrene	ND	1.5		µg/L	1	12/21/2006
tert-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/21/2006
trans-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1-Trichloromethane	ND	1.0		µg/L	1	12/21/2006
1,1,2-Trichloromethane	ND	1.0		µg/L	1	12/21/2006
Trichloroethene (TCE)	7.4	1.0		µg/L	1	12/21/2006
Trichlorofluoromethane	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/21/2006
Vinyl chloride	ND	1.0		µg/L	1	12/21/2006
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006
Surr: 1,2-Dichloroethane-d4	112	75.6-113		%REC	1	12/21/2006
Surr: 4-Bromofluorobenzene	97.7	77-117		%REC	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-12

Client Sample ID: MW-14
Collection Date: 12/17/2006 12:30:00 PM
Date Received: 12/20/2006
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Surr: Dibromofluoromethane	104	72.3-121	%REC	1	12/21/2006	
Surr: Toluene-d8	105	73-113	%REC	1	12/21/2006	
EPA METHOD 160.1: TDS						Analyst: KS
Total Dissolved Solids	2300	20	mg/L	1	12/21/2006	

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
Lab Order: 0612230
Project: TWP WT 1 ERP
Lab ID: 0612230-13

Client Sample ID: Trip Blank
Collection Date:
Date Received: 12/20/2006
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
Benzene	ND	1.0		µg/L	1	12/21/2006
Toluene	ND	1.0		µg/L	1	12/21/2006
Ethylbenzene	ND	1.0		µg/L	1	12/21/2006
Methyl tert-butyl ether (MTBE)	ND	1.5		µg/L	1	12/21/2006
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/21/2006
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/21/2006
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/21/2006
Naphthalene	ND	2.0		µg/L	1	12/21/2006
1-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
2-Methylnaphthalene	ND	4.0		µg/L	1	12/21/2006
Acetone	ND	10		µg/L	1	12/21/2006
Bromobenzene	ND	1.0		µg/L	1	12/21/2006
Bromochloromethane	ND	1.0		µg/L	1	12/21/2006
Bromodichloromethane	ND	1.0		µg/L	1	12/21/2006
Bromoform	ND	1.0		µg/L	1	12/21/2006
Bromomethane	ND	2.0		µg/L	1	12/21/2006
2-Butanone	ND	10		µg/L	1	12/21/2006
Carbon disulfide	ND	10		µg/L	1	12/21/2006
Carbon Tetrachloride	ND	2.0		µg/L	1	12/21/2006
Chlorobenzene	ND	1.0		µg/L	1	12/21/2006
Chloroethane	ND	2.0		µg/L	1	12/21/2006
Chloroform	ND	1.0		µg/L	1	12/21/2006
Chloromethane	ND	1.0		µg/L	1	12/21/2006
2-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
4-Chlorotoluene	ND	1.0		µg/L	1	12/21/2006
cis-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/21/2006
Dibromochloromethane	ND	1.0		µg/L	1	12/21/2006
Dibromomethane	ND	2.0		µg/L	1	12/21/2006
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/21/2006
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/21/2006
1,1-Dichloroethane	ND	2.0		µg/L	1	12/21/2006
1,1-Dichloroethene	ND	1.0		µg/L	1	12/21/2006
1,2-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
1,3-Dichloropropane	ND	1.0		µg/L	1	12/21/2006
2,2-Dichloropropane	ND	2.0		µg/L	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
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

Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-07

CLIENT: Cypress Engineering
 Lab Order: 0612230
 Project: TWP WT 1 ERP
 Lab ID: 0612230-13

Client Sample ID: Trip Blank
 Collection Date:
 Date Received: 12/20/2006
 Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: LMM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
Hexachlorobutadiene	ND	2.0		µg/L	1	12/21/2006
2-Hexanone	ND	10		µg/L	1	12/21/2006
Isopropylbenzene	ND	1.0		µg/L	1	12/21/2006
4-Isopropyltoluene	ND	1.0		µg/L	1	12/21/2006
4-Methyl-2-pentanone	ND	10		µg/L	1	12/21/2006
Methylene Chloride	ND	3.0		µg/L	1	12/21/2006
n-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
n-Propylbenzene	ND	1.0		µg/L	1	12/21/2006
sec-Butylbenzene	ND	2.0		µg/L	1	12/21/2006
Styrene	ND	1.5		µg/L	1	12/21/2006
tert-Butylbenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	12/21/2006
Tetrachloroethane (PCE)	ND	1.0		µg/L	1	12/21/2006
trans-1,2-DCE	ND	1.0		µg/L	1	12/21/2006
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/21/2006
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/21/2006
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/21/2006
Trichlorofluoromethane	ND	1.0		µg/L	1	12/21/2006
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/21/2006
Vinyl chloride	ND	1.0		µg/L	1	12/21/2006
Xylenes, Total	ND	3.0		µg/L	1	12/21/2006
Surr: 1,2-Dichloroethane-d4	112	76.6-113		%REC	1	12/21/2006
Surr: 4-Bromofluorobenzene	87.5	77-117		%REC	1	12/21/2006
Surr: Dibromofluoromethane	104	72.3-121		%REC	1	12/21/2006
Surr: Toluene-d8	105	73-113		%REC	1	12/21/2006

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 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

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP WT 1 ERP

Work Order: 0612230

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: E300									
Sample ID: MBLK		MBLK			Batch ID: R22001	Analysis Date: 1/3/2007 11:09:19 AM			
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.10						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS ST300-06026		LCS			Batch ID: R22001	Analysis Date: 1/3/2007 11:26:44 AM			
Chloride	4.888	mg/L	0.10	97.8	90	110			
Nitrate (As N)+Nitrite (As N)	3.496	mg/L	0.10	99.9	90	110			
Sulfate	9.912	mg/L	0.50	99.1	90	110			
Method: SW6010A									
Sample ID: MB		MBLK			Batch ID: R21940	Analysis Date: 12/26/2006 4:01:11 PM			
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.020						
Iron	ND	mg/L	0.020						
Manganese	ND	mg/L	0.0020						
Sample ID: LCS		LCS			Batch ID: R21940	Analysis Date: 12/26/2006 4:04:10 PM			
Arsenic	ND	mg/L	0.020	0	80	120			S
Barium	0.4581	mg/L	0.020	91.6	80	120			
Iron	0.4571	mg/L	0.020	91.4	80	120			
Manganese	0.4576	mg/L	0.0020	91.5	80	120			
Method: SW6010A									
Sample ID: MB-12023		MBLK			Batch ID: 12023	Analysis Date: 12/28/2006 4:14:21 PM			
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.020						
Iron	ND	mg/L	0.050						
Manganese	ND	mg/L	0.0020						
Sample ID: LCS-12023		LCS			Batch ID: 12023	Analysis Date: 12/28/2006 4:17:21 PM			
Arsenic	0.5293	mg/L	0.020	106	80	120			
Barium	0.4819	mg/L	0.020	96.4	80	120			
Iron	0.4800	mg/L	0.050	96.0	80	120			
Manganese	0.4875	mg/L	0.0020	97.4	80	120			
Method: E160.1									
Sample ID: MB-12014		MBLK			Batch ID: 12014	Analysis Date: 12/21/2006			
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-12014		LCS			Batch ID: 12014	Analysis Date: 12/21/2006			
Total Dissolved Solids	975.0	mg/L	20	97.5	80	120			
Sample ID: 0612230-12B MS		MS			Batch ID: 12014	Analysis Date: 12/21/2006			
Total Dissolved Solids	3259	mg/L	20	99.1	80	120			

Qualifiers:

E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
 Project: TWP WT 1 ERP

Work Order: 0612230

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8260B

Sample ID: 0612230-12a msd

MSD

Batch ID: R21917

Analysis Date:

12/21/2006

Benzene	22.32	µg/L	1.0	108	75.6	111	0.873	15	
Toluene	19.52	µg/L	1.0	97.6	69.6	113	1.53	15	
Chlorobenzene	18.31	µg/L	1.0	91.6	79.7	112	1.15	15	
1,1-Dichloroethene	21.35	µg/L	1.0	107	72.5	121	2.12	17.8	
Trichloroethane (TCE)	28.12	µg/L	1.0	104	63.7	123	1.49	19.8	

Sample ID: b2

MBLK

Batch ID: R21917

Analysis Date:

12/21/2006

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	1.5
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
Phenobenzene	ND	µg/L	1.0
Bromochloromethane	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	2.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	2.0
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	2.0
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	2.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0

Qualifiers:

E Value above quantitation range
 J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
Project: TWP WT 1 ERP

Work Order: 0612230

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8260B

Sample ID: b2

MBLK

Batch ID: R21917

Analysis Date:

12/21/2006

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	2.0
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	2.0
Styrene	ND	µg/L	1.5
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	1.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropane	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
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	3.0

Sample ID: 5mL rb

MBLK

Batch ID: R21928

Analysis Date:

12/22/2006

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	1.5
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
Bromochloromethane	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0

Qualifiers:

E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
 Project: TWP WT 1 ERP

Work Order: 0612230

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8260B

Sample ID: 5mL rb

MBLK

Batch ID: R21928

Analysis Date:

12/22/2006

Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	2.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	2.0
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	2.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	2.0
1,1,1-Trichloroethane	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	2.0
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	2.0
Styrene	ND	µg/L	1.5
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	1.0
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

Qualifiers:

E Value above quantitation range

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: 0612230

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8260B

Sample ID: 5mL rb

MBLK

Batch ID: R21928

Analysis Date:

12/22/2006

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	3.0

Sample ID: b2

MBLK

Batch ID: R21928

Analysis Date:

12/22/2006

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	1.5
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
Bromochloromethane	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	2.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	2.0
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	2.0
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	2.0

Qualifiers:

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Cypress Engineering
 Project: TWP WT 1 ERP

Work Order: 0612230

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8260B

Sample ID: b2

MBLK

Batch ID: R21928

Analysis Date:

12/22/2006

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	2.0
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	2.0
Styrene	ND	µg/L	1.5
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	1.0
Trichloroethene (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
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	3.0

Sample ID: 100ng lcs-b

LCS

Batch ID: R21917

Analysis Date:

12/21/2006

Benzene	18.33	µg/L	1.0	91.6	75.6	111
Toluene	19.79	µg/L	1.0	98.9	69.6	113
Chlorobenzene	18.82	µg/L	1.0	94.1	79.7	112
1,1-Dichloroethene	19.82	µg/L	1.0	99.1	72.5	121
Trichloroethene (TCE)	19.10	µg/L	1.0	95.5	63.7	123

Sample ID: 100ng lcs

LCS

Batch ID: R21928

Analysis Date:

12/22/2006

Benzene	18.63	µg/L	1.0	93.2	75.6	111
Toluene	21.82	µg/L	1.0	109	69.6	113
Chlorobenzene	19.82	µg/L	1.0	99.1	79.7	112
1,1-Dichloroethene	19.88	µg/L	1.0	99.4	72.5	121
Trichloroethene (TCE)	20.61	µg/L	1.0	103	63.7	123

Sample ID: 100ng lcs-b

LCS

Batch ID: R21928

Analysis Date:

12/22/2006

Qualifiers:

- | | | | |
|---|--|----|--|
| E | Value above quantitation range | 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: 0612230

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8260B

Sample ID: 100ng lcs-b

LCS

Batch ID: R21928

Analysis Date:

12/22/2006

Benzene	18.87	µg/L	1.0	94.4	75.6	111
Toluene	21.05	µg/L	1.0	105	69.6	113
Chlorobenzene	19.93	µg/L	1.0	99.7	79.7	112
1,1-Dichloroethene	20.94	µg/L	1.0	105	72.5	121
Trichloroethene (TCE)	19.06	µg/L	1.0	95.3	63.7	123

Sample ID: 0612230-12a ms

MS

Batch ID: R21917

Analysis Date:

12/21/2006

Benzene	22.13	µg/L	1.0	107	75.6	111
Toluene	19.22	µg/L	1.0	96.1	69.6	113
Chlorobenzene	18.10	µg/L	1.0	90.5	79.7	112
1,1-Dichloroethene	21.81	µg/L	1.0	109	72.5	121
Trichloroethene (TCE)	27.70	µg/L	1.0	102	63.7	123

Qualifiers:

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name CYP

Date and Time Received:

12/20/2006

Work Order Number 0612230

Received by AT

Checklist completed by

Signature

Date

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 - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐	
Container/Temp Blank temperature?	1°	4° C ± 2 Acceptable		If given sufficient time to cool.

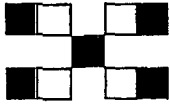
COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

CHAIN-OF-CUSTODY RECORD

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

Project Name: Transwestern Pipeline
Project #: WT-1 ERP

Project Manager: George Robinson

Sampler: Sandy Sharp

Sample Temperature: 10

Phone #: 281-797-3420

Fax #: 281-859-1381

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative			HEAL No.
					HgCl ₂	HNO ₃	H ₂ O	
10/06	1440	LN	MW-15	3/400ml	X	X	X	12230
	1440		MW-15	1/125ml		X		-1
	1405		MW-16	3/1500ml	X	X	X	-1
	1405		MW-16	1/125ml		X		-2
	1315		MW-4	1/1500ml	X	X	X	-2
	1315		MW-4	3/1500ml	X	X	X	-3
	1125		MW-17	1/125ml	X	X	X	-3
11/15/06	1125		MW-17	1/500ml	X	X	X	-4
	1125		MW-17	1/125ml		X		-4
11/14/06	1650		SUE-1A	3/400ml	X			5
11	1650		SUE-1A	1/125ml		X		5
11/14/06	1615		MW-7	3/1500ml	X	X	X	-6
11	1615		MW-7	1/125ml		X		-6

Date: 11/06 Time: 1700

Date: 11/06 Time: 1700

Relinquished By: (Signature) [Signature]

Relinquished By: (Signature) [Signature]

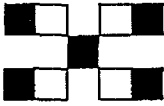
Received By: (Signature) [Signature]

Received By: (Signature) [Signature]

ANALYSIS REQUEST

TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 802.1)	8310 (PNA or PAH)	Metals (Ag, Ba, Fe, Mn)	Anions (F, Cl, NO ₂ , NO ₃ , PO ₄ , SO ₄)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	Dissolved Metals (Ag, Ba, Fe, Mn)	8360 VOC's X	ND ₂ /ND ₃ PAN 353.3	Air Bubbles or Headspace (Y or N)
					X					X	X	X	
					X					X	X	X	
					X					X	X	X	
										X	X	X	
										X	X	X	
										X	X	X	
										X	X	X	
										X	X	X	
										X	X	X	

Remarks: X VOC's Including 1,2 Dichloroethene (cis-trans), Dichlorobenzene (o-, m-, + p-), Acetone, Methyl ethyl ketone + 4-methyl-2-pentanone



**HALL ENVIRONMENTAL
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Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

CHAIN-OF-CUSTODY RECORD

Client:

Cypress Engineering

Address:

10101 1st, North Street

Hobbs TX 77095

Phone #:

281 7973420

Fax #:

281 8591881

QA/QC Package:

Std ☐ Level 4 ☐

Other:

Project Name:

TRANSDUCER PIPING
WT-1 OIL

Project #:

TWP WT-1 OIL

Project Manager:

George Robinson

Sampler:

Shay Sharif

Sample Temperature:

1°

Date

Time

Matrix

Sample I.D. No.

Number/Volume

Preservative

HgCl₂ HNO₃

HEAL No.

1612236

-13

Date:

Time:

Relinquished By: (Signature)

Signature

Received By: (Signature)

Signature

12/20/06

151845

Date:

Time:

Relinquished By: (Signature)

Signature

Received By: (Signature)

Signature

ANALYSIS REQUEST

BTEX + MTBE + TMB's (B021)
BTEX + MTBE + TPH (Gasoline Only)
TPH Method B015B (Gas/Diesel)
TPH (Method 418.1)
EDB (Method 504.1)
EDC (Method 8021)
B310 (PMA or PAH)
RCA B Metals
Anions (F, Cl, NO₂, NO₃, PO₄, SO₄)
B0B1 Pesticides / PCB's (B082)
B260B (VOA)
B270 (Semi-VOA)
X 82ed VOC'S
Air Bubbles or Headspace (Y or N)

Remarks:

VOC'S -> Includes Same as other
PAGES