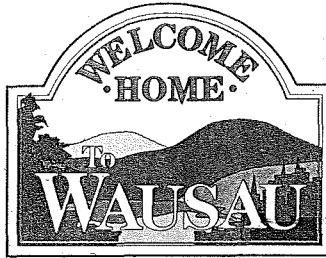


92- 1-6-2009



City of Wausau

David A. Erickson
Environmental Engineer

rec'd 3/10/09
✓EPS
WI DNR

January 6, 2009

Bill Evans
WDNR
1300 W Clairemont Ave
Eau Claire, WI 54702-4001

Re: 2007 Annual Monitoring Report
Holtz Krause Landfill

Dear Bill:

I have enclosed two copies of the 2007 Annual Monitoring Report for the Holtz Krause Landfill.

Please let me know if you have any comments or need additional information. I can be reached at (715) 261-6536.

Sincerely,

David Erickson, PE
Environmental Engineer
City of Wausau

cc: Holtz Krause Steering Committee

**Holtz-Krause Landfill
Wausau, Wisconsin**

2007 Annual Monitoring Report

December 22, 2008

Table of Contents

1.0 Introduction	1
2.0 Final Cover System	1
2.1 System Overview	1
2.2 Vegetative Cover/Erosion	1
2.3 Settlement/Surface Drainage	1
2.4 Site Security	2
3.0 Gas Extraction System	2
3.1 System Overview	2
3.2 Gas Extraction System Repairs/Construction	2
3.3 Settlement of Gas Extraction System Header	3
3.4 Blower House Monitoring	3
3.5 Extraction Well Monitoring	4
3.5.1 Extraction Well Field Readings	4
3.5.2 VOC Testing	4
3.6 Gas Probe Monitoring	4
3.7 Condensate Testing	5
4.0 Monitoring System Status	5
4.1 Gas Probes	5
4.2 Groundwater Monitoring Wells	5
5.0 Groundwater Analytical Results	5
5.1 Background	5
5.2 Groundwater Monitoring	6
5.2.1 Procedures	6
5.2.2 Groundwater Quality Data	6
5.2.3 Groundwater Level and Flow Data	7
6.0 Expenses	8

Figures:

- Figure 1 - Location Map
- Figure 2 - Site Map
- Figure 3 - Groundwater Contour Map March 2007
- Figure 4 - Groundwater Contour Map June 2007
- Figure 5 - Groundwater Contour Map September 2007
- Figure 6 - Groundwater Contour Map December 2007

Appendices:

- Appendix A - Landfill Gas - Summary of EPA 8260 Test Results
- Appendix B - Condensate Analytical Data Summary
- Appendix C - Field Data Summary
- Appendix D - PAL Exceedence Report - by Well (2006 Data only)
- Appendix E - PAL Exceedence Report - by Parameter (2006 Data only)
- Appendix F - ES Exceedence Report - by Well (2006 Data only)
- Appendix G - ES Exceedence Report - by Parameter (2006 Data only)
- Appendix H - Time vs Concentration Graphs - Benzene
- Appendix I - Time vs Concentration Graphs - Vinyl Chloride
- Appendix J - Tetrahydrofuran Concentration Graph
- Appendix K - Groundwater Analytical Data - Summary of Detects, by Well
- Appendix L - Groundwater Analytical Data - Summary of Detects, by Parameter
- Appendix M - Table of Monitoring Requirements
- Appendix N - Gas Extraction Monitoring Data
- Appendix O - Site Photos

2007 Annual Performance Evaluation Report

Holtz Krause Landfill

Wausau, Wisconsin

1.0 Introduction

The Holtz-Krause Landfill (WDNR License No. 00674, Facility Id. No. 3737055880) is located in the City of Wausau in Marathon County, Wisconsin. This report documents the performance of the composite cover and gas extraction systems, and summarizes the results of the groundwater monitoring, for the year 2007.

This report was prepared by:

David A. Erickson
City of Wausau
407 Grant Street
Wausau WI 54403

Telephone: (715) 261-6536

2.0 Final Cover System

2.1 System Overview

The Holtz Krause Landfill has a cover system consisting of 6" of topsoil, 2½' of soil, a 40 mil VLDPE geomembrane, and 2' of clay overlying the base grade and former landfill cap. The cap system has performed well during the year 2007.

2.2 Vegetative Cover/Erosion

The vegetative cover is well established in all areas and there have been no erosion problems over the last year. The landfill cover was mowed once during 2007, in August, by the Salzman's.

2.3 Settlement/Surface Drainage

The landfill has experienced differential settlement and the surface of the cap reflects that impact. The east and west sides drain away from the landfill at slopes of up to 25% but the main portion of the landfill cap was constructed to drain to the south at a 2% slope with a 1% grade for a length of about 250' near the middle. These flatter areas have always been slow to drain and the differential settlement is apparent with some areas having marginal drainage.

The O&M plan requires a settlement survey every three years and settlement surveys were conducted in June of 2005 and April of 2008.

The settlement surveys, as well as a walkover of the site, indicates the most extreme differential settlement is to the east of EW-13. The differential settlement is on the order of 2' over a distance of approximately 20' as discussed in the 2005 annual report.

Overdrawing the gas extraction system could draw in oxygen and increase the amount of settlement in a given area.

2.4 Site Security

We did not have any significant vandalism incidents during 2007. The blower house, blower house gate, and extraction wells are protected by padlocks and we have not had problems with unauthorized persons accessing these facilities.

A locked gate is maintained at the end of the access road off of Kent Street but most of the site is not fenced or controlled. Signs have been posted since the fall of 1999 prohibiting motorized vehicles and motorcycle activity has been significantly reduced as a result.

The landfill includes several properties owned by Holtz & Krause Contractors, Inc and Holtz Krause Real Estate Development, Inc. These properties have been tax delinquent since before the cap was constructed. Recently these corporations were acquired by Leonard Salzman and he has been utilizing the properties. The Salzman's mowed the site and baled the grass, store equipment and materials in the building and along the edge of the cap to the north, and construction started in 2007 for a cell phone tower on the property extending to the north of the cap. These activities are potential violations of the restrictions placed on the site and represent a sort of security issue that needs to be resolved.

3.0 Gas Extraction System

3.1 System Overview

The gas system consists of 35 extraction wells, header pipes interconnecting those wells, a blower building and candlestick flare, and a condensate drain line connected to the Wausau sanitary sewer system. A system of 10 gas probes around the perimeter of the landfill allows monitoring for methane.

3.2 Gas Extraction System Repairs/Construction

There were no repairs to the gas extraction system during 2007. Issues that are being monitored include:

Granular material collects in the base of the demister unit, as discussed in previous reports. This material is believed to be mineral scale from the inside of the header system but it could be 3M fill that was used in the landfill construction. The amount of material is minimal, on the order of one cup each quarter.

Settlement has created low spots in the gas extraction system header pipes that fill with condensate and interfere with the flow of the landfill gas.

The depths and water levels in the extraction wells were measured on March 17 and 18, 2004. The water level indicator initially encountered an obstruction at a depth of approximately 24' in EW-1 but was able to be advanced to the bottom of the extraction well at 32.3'. A sewer camera was used to inspect the inside of extraction wells EW-1 and EW- 18. The camera confirmed that the well screens have partially collapsed due to settlement.

3.3 Settlement of Gas Extraction System Header

The header system is designed to allow condensate to drain. Differential settlement can create low spots within the header pipe that fill with condensate and interfere with the gas extraction. The header line pressure readings taken during the monthly extraction well monitoring are reviewed to confirm that the header system is performing adequately.

Readings indicate there has been relatively little flow from extraction wells EW-26 through EW-35. The system has generally maintained vacuum in the header system through this area during 2007 but we have had sporadic problems with condensate blocking the header pipe.

Observations in previous years have also indicated that some condensate collects in the header system between EW-11 and EW-12, and between EW-13 and EW-14. This has been confirmed with the sewer line camera. Blockage at those locations has obstructed flow from EW-12 and EW-13.

Inspections of the drip legs and drain line outfall in the Kent Street sanitary sewer manhole have not indicated any problems or deficiencies with those units. The drip legs maintain system vacuum while allowing condensate to drain to the sanitary sewer.

3.4 Blower House Monitoring

The blower house is monitored weekly as part of the O&M Plan. The blower ran continuously during 2007 except for short time periods during the year due to maintenance activities.

The gas extracted from the landfill should be balanced so that methane does not migrate off-site and oxygen is not drawn into the landfill waste. Increasing the flow rate would generally be expected to decrease the concentration of methane in the landfill gas. Maintaining the methane concentration at 45 to 50 percent is one rule of thumb used to determine the proper flow rate.

The blower has been operated at a flow rate of approximately 150 - 200 cfm in an effort to meet the conflicting goals. Measurements electronically recorded with the LANDTEC GEM 500 instrument generally indicate a slightly higher flow rate. The measurements manually recorded on the weekly inspection forms were made with a Magnehelic pressure gage and are usually more consistent.

The methane levels at the blower averaged 25.2 percent, ranged from 15.4 to 42.9 percent, and are below the 45 to 50 percent guideline. The average methane concentration is expected to continue to gradually decrease.

The flame at the blower house blows out easily if the methane concentration is in the lower 20 percent range. The blower system continues to operate if the flare is not lit. The flare was out on several occasions during 2007 depending on weather and barometric conditions

3.5 Extraction Well Monitoring

3.5.1 Extraction Well Field Readings

A review of pressure readings throughout the header system and oxygen levels at the blower building does not indicate leaks.

The percentage of methane, carbon dioxide, and oxygen; relative pressure on the well and header sides of the control valve; flow; and temperature are monitored with the LANDTEC GEM 500 Gas Extraction Monitor. A printout of the readings is included in Appendix N. As with the blower, a rule of thumb for optimum methane levels in individual wells would be 45 to 50 percent.

3.5.2 VOC Testing

The landfill gas at the blower house and extraction wells EW-3, EW-5, EW-6, EW-20, EW-21, and EW-27 are tested annually for VOC's. In addition, the blower house samples were analyzed for the percentage of carbon dioxide, carbon monoxide, nitrogen, oxygen, and methane. The samples were collected on March 19, 2007 and the results of these tests are summarized in Appendix A.

3.6 Gas Probe Monitoring

The perimeter gas probes are monitored quarterly in accordance with the O&M Plan to check for migration of methane. The Landtec GEM-500 is used for the gas probes as well as the extraction wells. Methane was not detected in any of the gas probes during 2007. The probe monitoring data indicates that the extraction system is effectively providing protection against gas migration to the surrounding properties. The GEM 500 readings are included in Appendix N.

3.7 Condensate Testing

The flow or quantity of condensate produced is not measured but it appears to be a small amount and only during the winter months.

A sample of the condensate from the gas extraction system was collected from Condensate Drip Leg No 1 (WDNR ID 301) on March 19, 2007. The sample was tested for VOC's and the results are summarized in Appendix B.

4.0 Monitoring System Status

4.1 Gas Probes

The landfill perimeter gas probes presently consist of GP1S/GP1D, GP2S, GP3S/GP3D, GP4S, GP5S, GP6S, GP7R, GP9, GP10, and GP11. GP1S/GP1D and GP3S/GP3D are nested probes with one deep and one shallow probe within one protective casing. The gas probe locations are included in the site map Figure 2.

The gas probes are monitored and inspected on a quarterly basis. Inspection activities include visual inspection of the access; labeling; conditions of the casing, lid, and lock; and of the condition of the PVC extension and petcock.

4.2 Groundwater Monitoring Wells

The existing monitoring wells are listed on the table of current monitoring requirements in Appendix M. The groundwater monitoring wells are sampled on an annual or semi-annual basis.

No deficiencies or problems with the wells have been noted during 2007. Two new monitoring wells, MW-25C and MW-26C were installed in August of 2006. The well locations are shown on the attached site map Figure 2.

5.0 Groundwater Analytical Results

5.1 Background

Groundwater samples were collected in accordance with the sampling schedule. All wells are sampled annually in June, semi-annual samples are collected from some of the wells in December, and additional quarterly samples were collected from select wells in March and September. The sampling schedule is included in Appendix M.

5.2 Groundwater Monitoring

5.2.1 Procedures

The sampling and testing for 2007 was done in accordance with the SAP with the following exceptions:

- The two new wells (MW-25C and MW-26C), and two additional wells (MW-24C and MW-24D) were sampled in March and September in addition to the normal June and December events.
- Water levels and field parameters were not obtained from EW-3R during June or December because of the presence of free-phase petroleum product.
- The samples were analyzed using EPA method 8260. This method includes tetrahydrofuran which had not been analyzed prior to 2006.

5.2.2 Groundwater Quality Data

Tables summarizing the results for all parameters detected during 2007 are included in Appendix K (sorted by well) and Appendix L (sorted by parameter). Tables identifying WAC Chapter NR140 PAL and ES exceedances, sorted by parameter and by well, are included in Appendices D through G. Results of analytical testing have also been submitted to the WDNR on electronic media.

Field measurements of groundwater elevation, pH, specific conductance, temperature, oxidation-reduction potential (ORP), and dissolved oxygen (DO) are summarized for each sampling event in Appendix C.

The following parameters, as shown in the tables in Appendix E and G, had a PAL and or ES exceedance during 2007:

Arsenic: Arsenic exceeded the ES (10 µg/l) in well MW-22B and the PAL in MW-4B, MW-8B, MW-8C, MW-12B, MW-21A, MW-22B, MW-24B, and MW-24C. Arsenic was detected at concentrations of up to 11.1 micrograms per liter (µg/l) and has been interpreted to be naturally occurring.

Benzene: Benzene exceeded the PAL (0.5 µg/l) in 10 wells and exceeded the ES (5 µg/l) in 4 of those wells during 2007. Benzene versus time graphs are included in Appendix H for all wells having a PAL exceedance in 2007. Results in general continue to be relatively steady or slightly decreasing.

Chloromethane: Chloromethane (methyl chloride) exceeded the PAL (0.3 µg/l) in 4 wells but did not exceed the ES (3 µg/l) in any wells. This is a significant reduction over previous years and

appears to correlate with the switch from the EPA 8021 to the EPA8260 test procedure which occurred in December of 2006.

1,2-Dichloroethane: 1,2 Dichloroethane exceeded the PAL (0.5 µg/l) in MW-22B.

Naphthalene: Naphthalene exceeded the PAL (10 µg/l) in MW-3R.

Tetrahydrofuran: Tetrahydrofuran exceeded the PAL in 8 wells and the ES in 3 of those wells. Tetrahydrofuran was not included in the analyte list prior to 2006. A graph of tetrahydrofuran concentrations is included in Appendix J.

Vinyl Chloride: Vinyl chloride was detected at levels above the PAL (0.02 µg/l) in 4 wells and above the ES (0.2 µg/l) in 3 wells. Vinyl Chloride versus time graphs are included in Appendix I for those wells which have previously exceeded the enforcement standard.

5.2.3 Groundwater Level and Flow Data

Groundwater elevation data was obtained from the June and December sampling events and is recorded on the Field Data Summary sheets in Appendix C. Groundwater contours are also presented on Figure 3 through Figure 6. Surface water is generally present in the stream along the east side of the landfill, in Horseshoe Slough and Pils Slough to the south of the site, and in Cemetery Slough to the east of the site.

The groundwater flow direction on the north-east side of the landfill is to the southwest but the flow changes to a predominantly westerly direction on the west side of the site. The two new wells help establish the flow direction on the west side of the site.

The groundwater contours indicated on Figure 3 through Figure 6 are based on measurements from both monitoring wells and piezometers. Where well nests provide measurements at varying depths, the deeper, non-bedrock well (piezometer) information was used (i.e. MW-25C). The well nests generally show limited if any vertical gradient so data from shallow monitoring wells were used where deeper wells were not present.

6.0 Expenses

The O&M expenses are summarized in the following table:

	2007 Projection	2007 Actual	2008 Projection
Mowing, Snow-plowing	\$1,500.00	\$524.32	\$600.00
Electric & Telephone	4,750.00	5,523.49	6,000.00
Laboratory Testing	13,500.00	9,345.00	10,000.00
Monitoring Well Construction	0.00	0.00	0.00
Consultant	14,000.00	8,097.79	7,500.00
Consultants - ROD Amendment	0.00	0.00	0.00
Settlement Survey	0.00	0.00	3,500.00
City Staff	12,000.00	11,513.67	10,000.00
Misc	1,250.00	1,892.58	1,500.00
Total:	\$47,000.00	\$36,896.85	\$39,100.00

This table includes 2007 expenses that were paid in 2008. The 2008 projection estimates are based on the following:

The landfill cap will not be mowed by the City

The 2008 estimates do not include contingencies for major repairs or unexpected expenses.

Anticipated future expenses include completing the ROD amendment and, more significantly, repairing problems in the header system related to differential settlement.

The agreement between the Steering Committee and the City of Wausau provides the financial assurance for the continued maintenance of the landfill. The balance remaining per that agreement is:

Balance 1/1/07:	\$2,099,681.88
Expenditures 2007	36,896.85
Interest Generated	130,185.10
Balance 1/1/08	\$2,192,970.13

Figures

Figures:

Figure 1 - Location Map

Figure 2 - Site Map

Figure 3 - Groundwater Contour Map March 2007

Figure 4 - Groundwater Contour Map June 2007

Figure 5 - Groundwater Contour Map July 2007

Figure 6 - Groundwater Contour Map September 2007

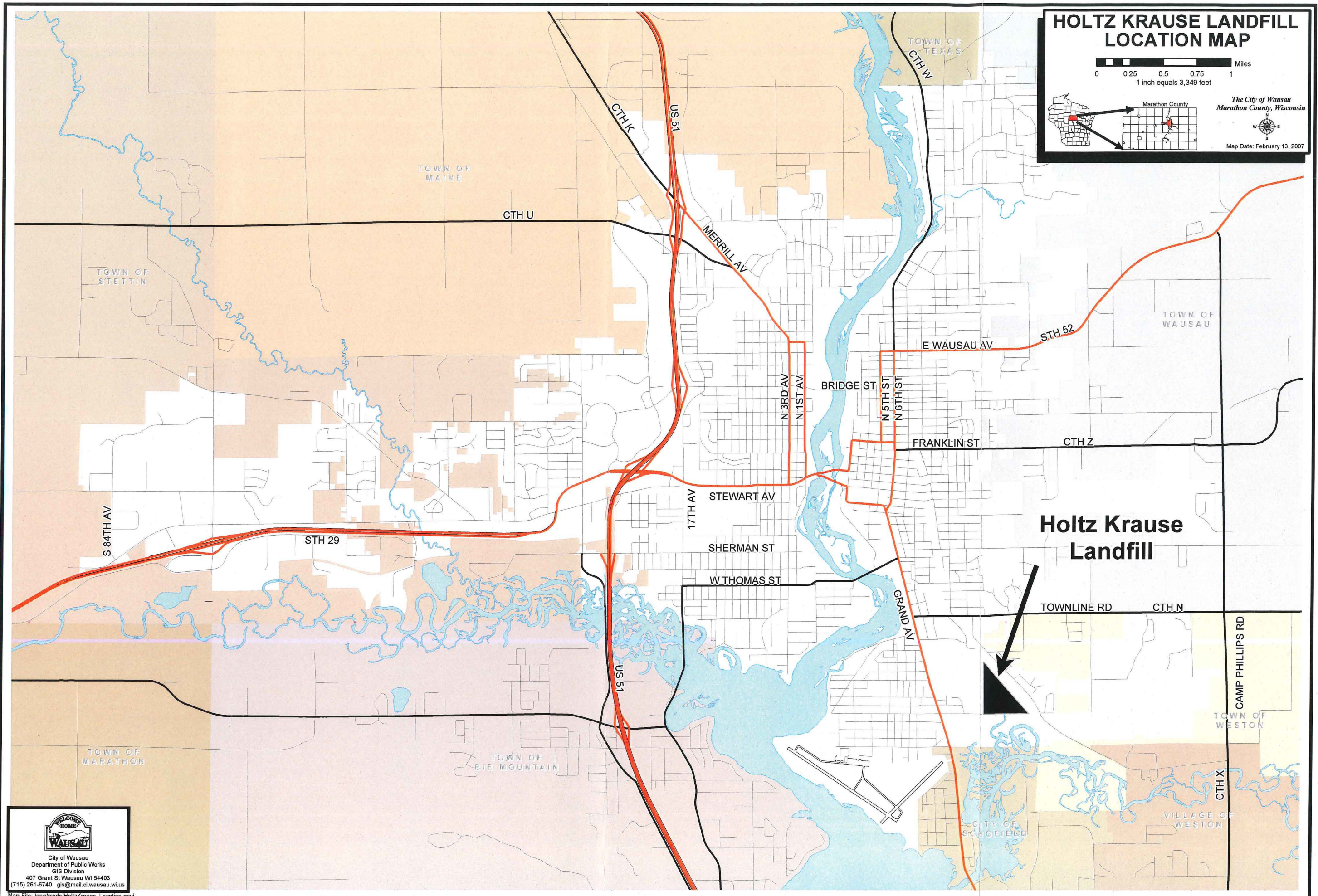
HOLTZ KRAUSE LANDFILL LOCATION MAP

0 0.25 0.5 0.75 1 Miles
1 inch equals 3,349 feet

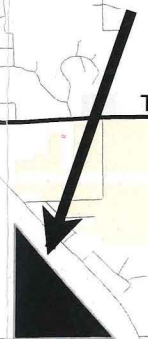
Marathon County

The City of Wausau
Marathon County, Wisconsin

Map Date: February 13, 2007

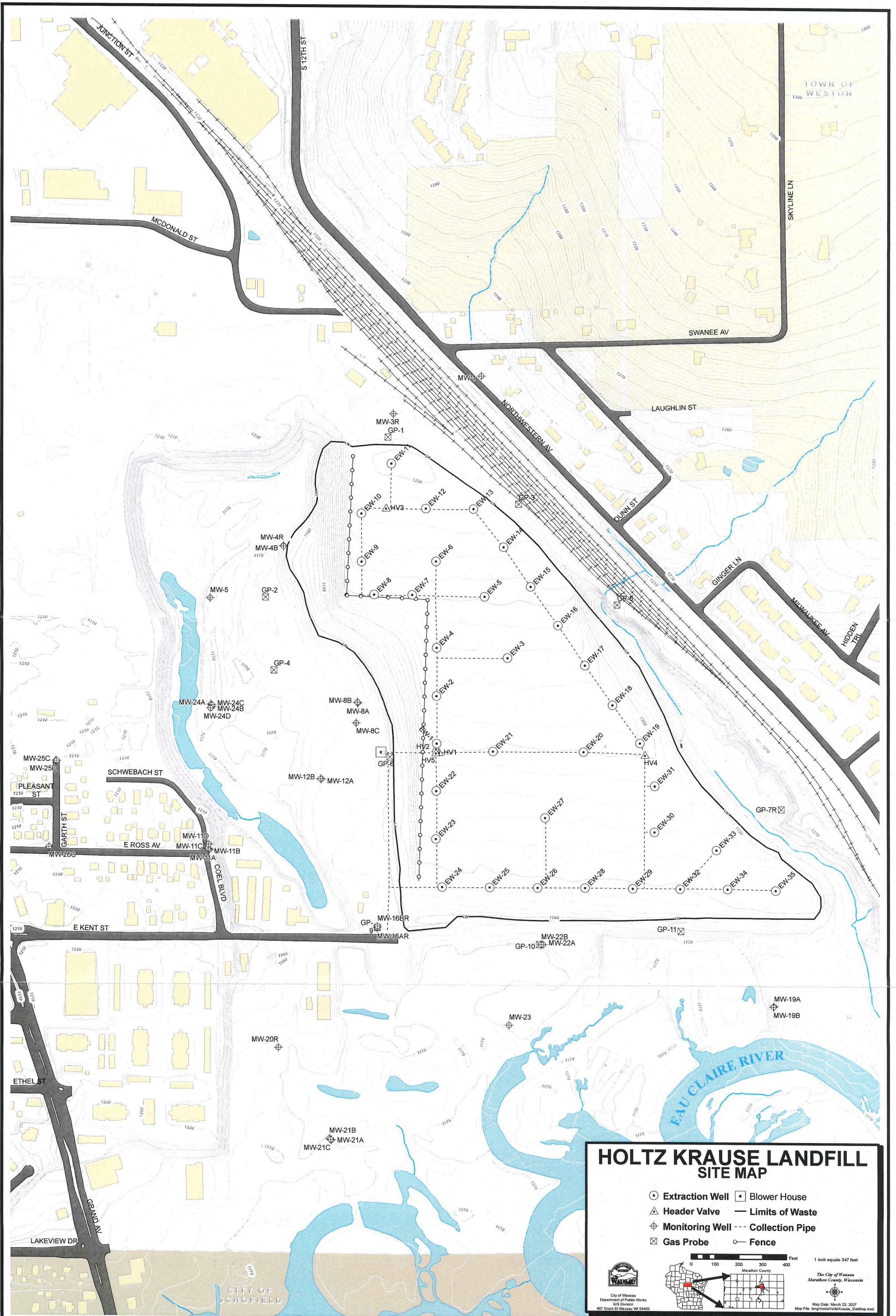


**Holtz Krause
Landfill**




City of Wausau
Department of Public Works
GIS Division
407 Grant St Wausau WI 54403
(715) 261-6740 gis@mail.ci.wausau.wi.us

Map File: jeng/mxds/HoltzKrause_Location.mxd

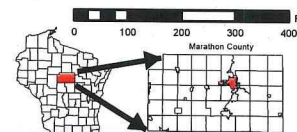


HOLTZ KRAUSE LANDFILL SITE MAP

○ Extraction Well	□ Blower House
△ Header Valve	— Limits of Waste
⊕ Monitoring Well	- - - Collection Pipe
⊠ Gas Probe	○ Fence



City of Wausau
Department of Public Works
GIS Division
407 Grant St Wausau WI 54403



0 100 200 300 400 Feet
1 inch equals 347 feet

The City of Wausau
Marathon County, Wisconsin

Map Date: March 23, 2007
Map File: lenhmad/holtz_krause_SiteMap.mxd

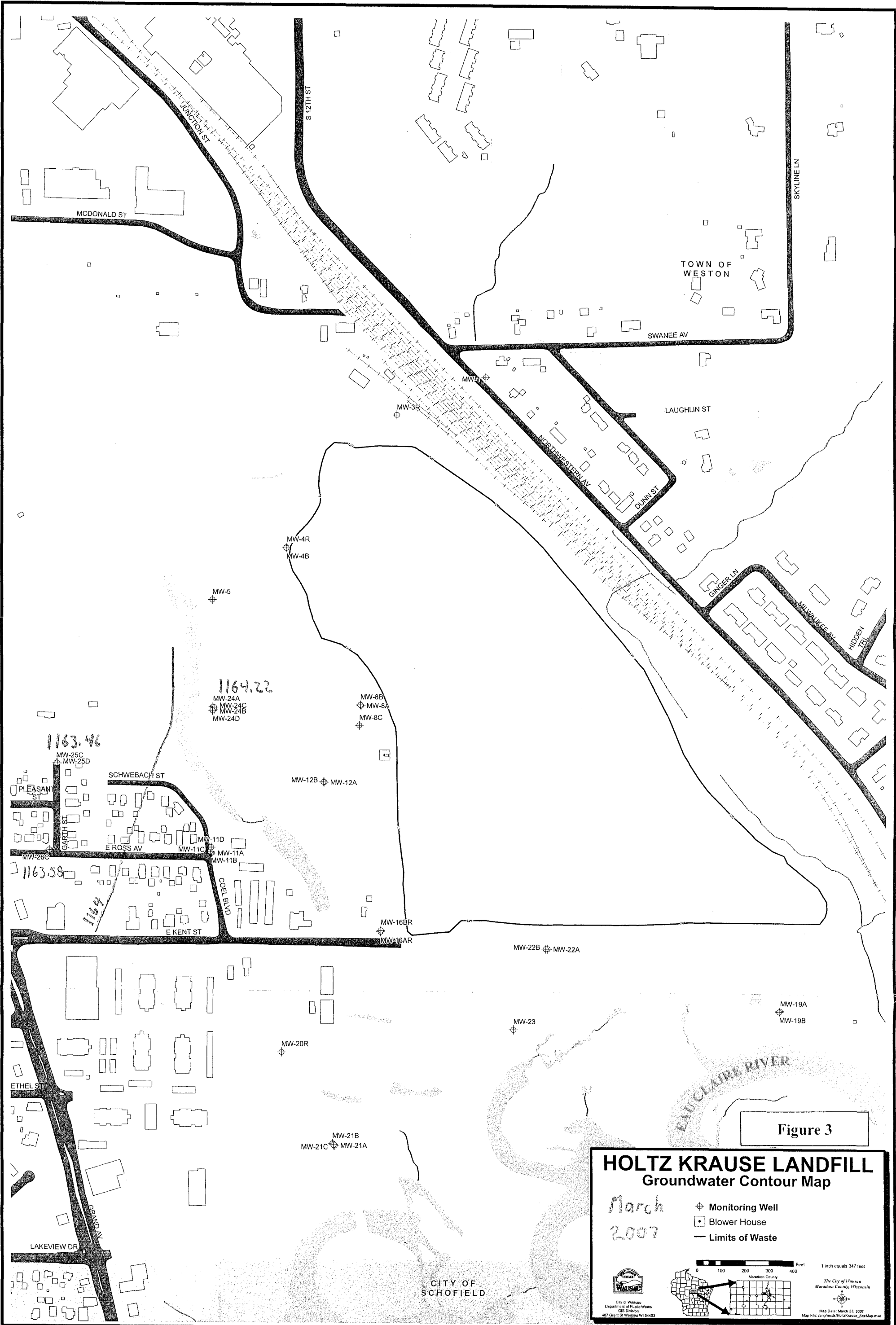
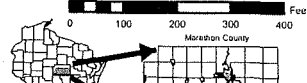


Figure 3

HOLTZ KRAUSE LANDFILL
Groundwater Contour Map

March
2007

- ⊕ Monitoring Well
- Blower House
- Limits of Waste

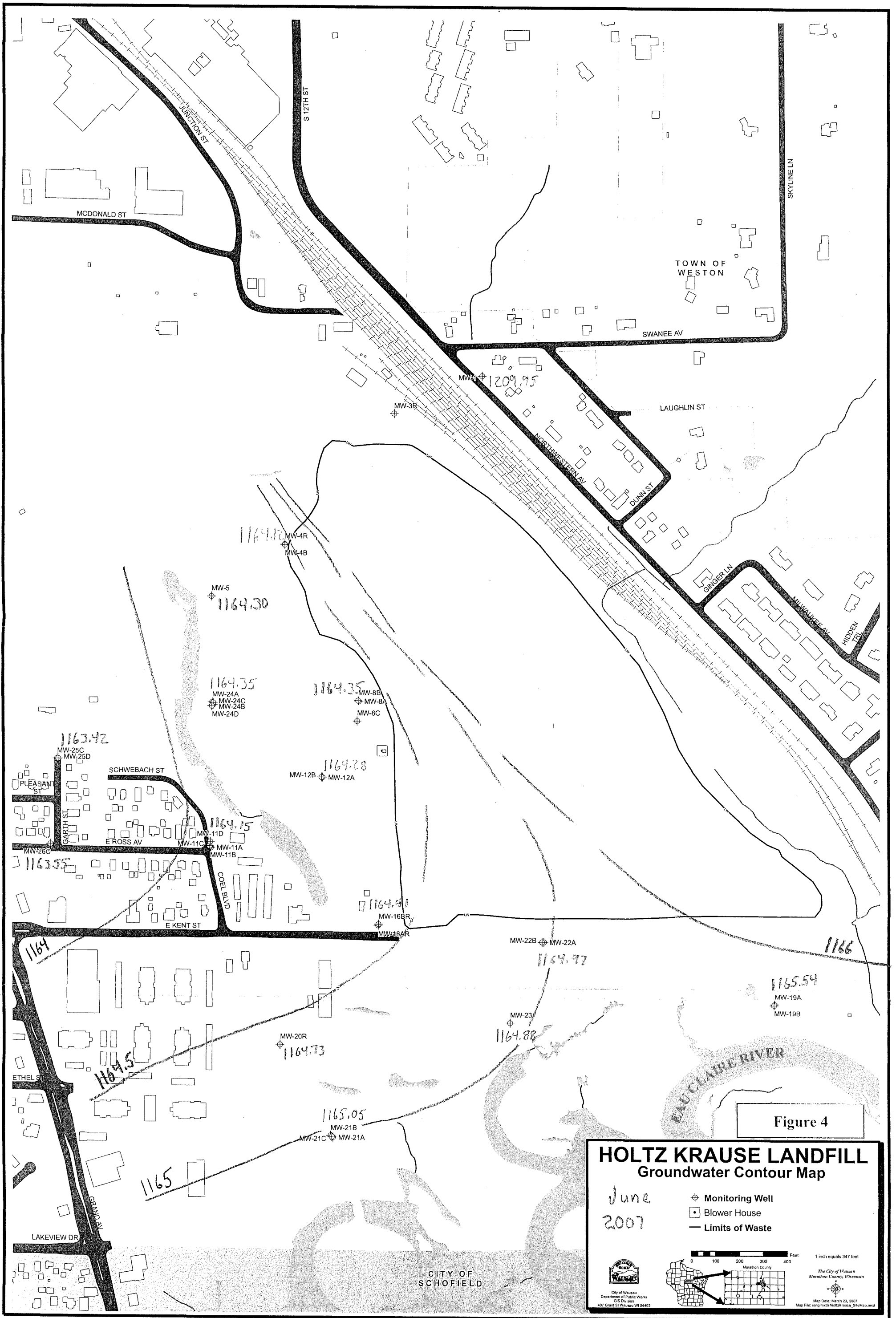


1 inch equals 347 feet
The City of Wausau
Marathon County, Wisconsin

City of Wausau
Department of Public Works
GIS Division
407 Grant St Wausau WI 54403

Map Date: March 23, 2007
Map File: jengmads/holtzkrause_3.tif

CITY OF
SCHOFIELD



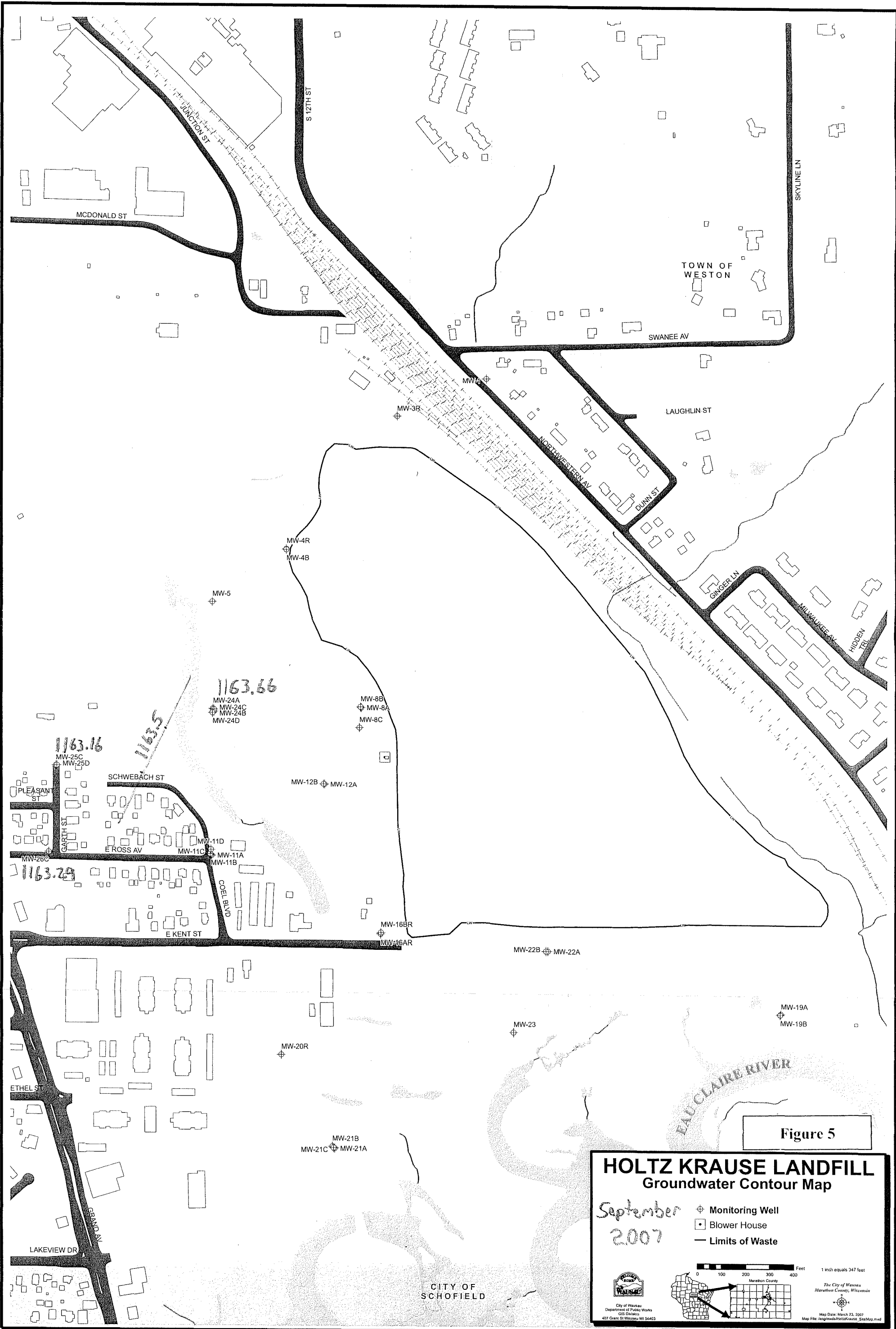
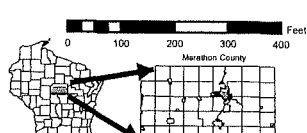


Figure 5

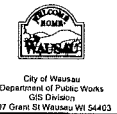
HOLTZ KRAUSE LANDFILL
Groundwater Contour Map

September
2007

- ⊕ Monitoring Well
- Blower House
- Limits of Waste



1 inch equals 347 feet
The City of Wausau
Marathon County, Wisconsin
Map Date: March 23, 2007
Map File: hgtmktlcr/contour_07c/Map.mxd



City of Wausau
Department of Public Works
GIS Division
407 Grant St Wausau, WI 54403

CITY OF
SCHOFIELD

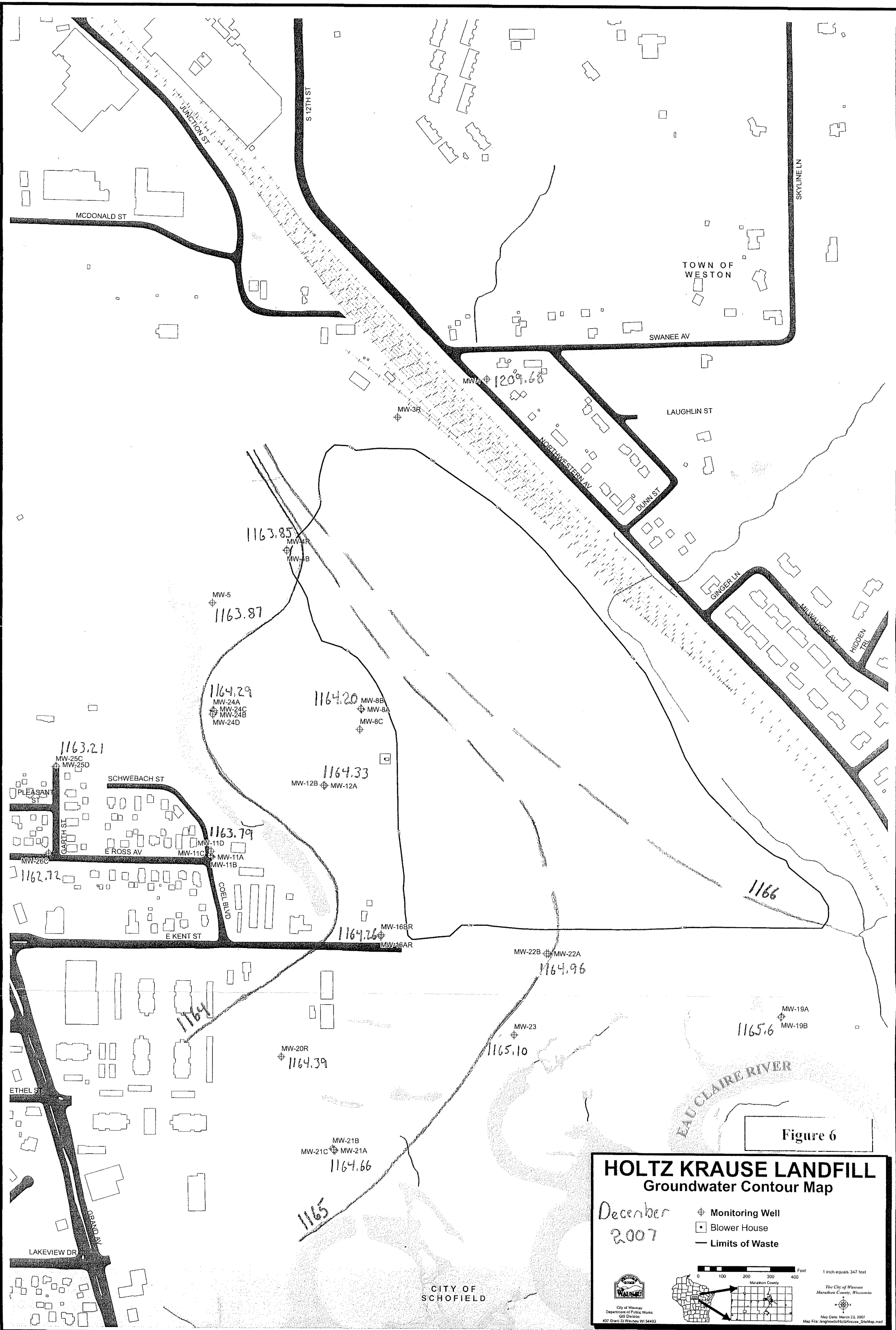
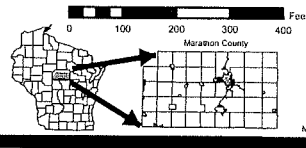
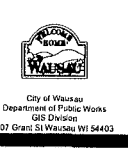


Figure 6

HOLTZ KRAUSE LANDFILL
Groundwater Contour Map

December
 2007

- ⊕ Monitoring Well
- Blower House
- Limits of Waste



1 inch equals 347 feet
 The City of Wausau
 Marathon County, Wisconsin
 Map Date: March 23, 2007
 Map File: leg/mw/02/holtz_krause_SiteMap.mxd

CITY OF
 SCHOFIELD

2

Appendix A

Appendices:

- Appendix A - Landfill Gas - Summary of EPA 8260 Test Results
- Appendix B - Condensate Analytical Data Summary
- Appendix C - Field Data Summary
- Appendix D - PAL Exceedence Report - by Well (2006 Data only)
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- Appendix O - Site Photos

Landfill Gas

Summary of EPA 8260 Results

Location:	BH-2	EW-3W	EW-5W	EW-6W	EW-20W	EW-21W	EW-27W
WDNR ID#:	400	403	405	406	420	421	427
Date Sampled:	03/19/2007	03/19/2007	03/19/2007	03/19/2007	03/19/2007	03/19/2007	03/19/2007

Volatiles - EPA 8260 (ppbv):

Code	Analyte	RL							
99375	Acetone	13448							
99001	Benzene	231	277	388		456	388	295	443
99340	Bromodichloromethane	73							
99342	Bromomethane	190							
99374	Carbon Disulfide	316							
99343	Carbon Tetrachloride	156							
99344	Chlorobenzene	106	183	136		164	162		136
99345	Chloroethane	1118							
99346	Chloroform	101							
99347	Chloromethane	476					695		
99349	Dibromochloromethane	49							
99156	1,2-Dibromo-3-Chloropropane (DBCP)	178							
99384	1,2-Dibromoethane (EDB)	64							
99384	Dibromomethane	69							
99361	m-Dichlorobenzene	123							
99357	o-Dichlorobenzene	613							
99364	p-Dichlorobenzene	613							
99369	Dichlorodifluoromethane	248	608	254	274	306	7073	572	1099
99377	1,1-Dichloroethane	182							
99358	1,2-Dichloroethane	121							
99379	cis-1,2-Dichloroethene	248							
99376	trans-1,2-Dichloroethene	124							
99373	1,1-Dichloroethylene	186							
99350	Dichloromethane	566							
99360	1,2-Dichloropropane	106							
99362	cis-1,3-Dichloropropene	108							

Landfill Gas

Summary of EPA 8260 Results

Location:	BH-2	EW-3W	EW-5W	EW-6W	EW-20W	EW-21W	EW-27W
WDNR ID#:	400	403	405	406	420	421	427
Date Sampled:	03/19/2007	03/19/2007	03/19/2007	03/19/2007	03/19/2007	03/19/2007	03/19/2007

Volatiles - EPA 8260 (ppbv):

Code	Analyte	RL							
99363	trans-1,3-Dichloropropene	108							
99008	Ethylbenzene	113	2200	1814	1216	2676	762	814	551
99372	Fluorotrichloromethane	175							
99380	Methyl Ethyl Ketone (MEK)	3334							
99289	Methyl Tert-Butyl Ether (MTBE)	136							
99180	Naphthalene	939							
99026	Styrene	116							
99351	Tetrachloroethylene	72							
99028	Toluene	522							
99365	Tribromomethane	95							
99354	1,1,1-Trichloroethane	181							
99355	1,1,2-Trichloroethane	90							
99381	Trichloroethylene (TCE)	184							
99353	Vinyl Chloride	288							
99014	m&p-Xylene	454	4014	2585	1565	2608	1966	943	1656
99023	o-Xylene	113	361	261	222	163	132		

Gases (%): (Sample collected 3/20/07)

Code	Analyte	RL	
85544	Carbon Dioxide	1.0	23.6
46113	Carbon Monoxide	0.1	
99181	Nitrogen	0.1	58.4
85550	Oxygen	0.1	0.21
85547	Methane	0.1	16.2

Appendix B

Condensate Analytical Data Summary

March 2007

Sampled from Condensate Dripleg CD-1 (WDNR ID 301)

Code	Compound (EPA 8260)	Units	Result	Reporting Limit
81552	Acetone	ug/l	168	6.5
34030	Benzene (GC-MS)	ug/l	3.78	0.15
32101	Bromodichloromethane	ug/l		0.1
32104	Bromoform	ug/l		0.2
34413	Bromomethane	ug/l		0.15
77041	Carbon Disulfide	ug/l		0.2
32102	Carbon Tetrachloride	ug/l		0.2
34301	Chlorobenzene	ug/l	9.1	0.1
34311	Chloroethane	ug/l		0.6
32106	Chloroform	ug/l		0.1
34418	Chloromethane	ug/l		0.2
32105	Dibromochloromethane	ug/l		0.1
38437	1,2-Dibromo-3-Chloropropane (DBCP)	ug/l		0.35
77651	1,2-Dibromoethane (EDB)	ug/l		0.1
77596	Dibromomethane	ug/l		0.1
34536	1,2-Dichlorobenzene	ug/l		0.75
34566	1,3-Dichlorobenzene	ug/l		0.15
34571	1,4-Dichlorobenzene	ug/l	5.78	0.75
34668	Dichlorodifluoromethane	ug/l		0.25
34496	1,1-Dichloroethane	ug/l		0.15
32103	1,2-Dichloroethane	ug/l		0.1
34501	1,1-Dichloroethene	ug/l		0.15
77093	1,2-Dichloroethylene (cis)	ug/l		0.2
34546	1,2-Dichloroethylene (trans)	ug/l		0.1
34541	1,2-Dichloropropane	ug/l		0.1
34704	cis-1,3-Dichloropropene	ug/l		0.1
34699	Trans-1,3-Dichloropropene	ug/l		0.1
78113	Ethylbenzene	ug/l	45.9	0.1
34488	Fluorotrichloromethane	ug/l		0.2
34423	Methylene Chloride	ug/l		0.4
81595	2-Butanone	ug/l	114	2
78032	Methyl Tert-Butyl Ether (MTBE)	ug/l	0.25	0.1
34696	Naphthalene	ug/l	15.4	1
77128	Styrene	ug/l		0.1
34475	Tetrachloroethene	ug/l		0.1
81607	Tetrahydrofuran	ug/l	185	0.7
34010	Toluene	ug/l	11.6	0.4
34506	1,1,1-Trichloroethane	ug/l		0.2
34511	1,1,2-Trichloroethane	ug/l		0.1
39180	Trichloroethene	ug/l		0.2
39175	Vinyl Chloride	ug/l		0.15
85795	m&p-Xylene	ug/l	111	0.4
77135	o-Xylene	ug/l	18.5	0.1

Appendix C

Holtz-Krause Landfill, Wausau, WI

Field Data Summary

Date:

Sampled by: E. Nielsen

All water levels measured on 3/19/07

Well	Well ID	TPVC Elev.	Depth to Water (TPVC) Elev.	Water Elev.	Date Sampled	Gallons Purged	Temp (C)	pH	Cond. @25C	ORP mV	D.O. ppm	Color	Odor	Turbidity	Remarks
MW-24C	141	1172.56	8.34	1164.22	3/19/07	25	10.4	6.67	980	-073	1	Yel Brown	Strong	Moderate	
MW-24D	142	1172.40	8.26	1164.14	3/19/07	32	8.3	6.21	570	091	2	Clear	Strong	None	
MW-25C	146	1211.06	47.60	1163.46	3/19/07	30	9.1	6.41	610	-039	1	Lt Yellow	Moderate	Low	
MW-26C	147	1207.04	43.46	1163.58	3/19/07	35	9.5	6.50	520	019	1	Clear	Moderate	Low	
CD-1	301				3/19/07		5.6	1.49	>20,000	397		Clear	Strong	None	
Dup-1	118	-		-	3/19/07		9.1	6.39	600	-041	1				MW-25C
FB-1	999	-		-	3/19/07		13.6	5.52		060	7	Clear	None	None	

Holtz-Krause Landfill, Wausau, WI

Field Data Summary

Date:

Sampled by: E Nielsen

Water levels measured on dates sampled.

Well	Well ID	Depth to		Date Sampled	Gallons Purged	Temp (C)	pH	Cond. @25C	ORP mV	D.O. ppm	Color	Odor	Turbidity	Remarks	
		TPVC Elev.	Water Elev.												
MW-1	100	1223.25	13.30	1209.95	6/20/07	6	13.3	6.64	490	110	2	Brown	None	Moderate	
MW-3R	104	1216.75													
MW-4AR	106	1173.86	9.74	1164.12	6/18/07	7	13.1	6.56	650	176	4	Lt Brown	None	Low	
MW-4B	107	1173.86	9.82	1164.04	6/18/07	19	12.6	6.54	740	-160	1	Lt Brown	Slight	Low	
MW-5	108	1174.50	10.20	1164.30	6/19/07	5	9.1	6.21	130	110	4	Lt Brown	None	Low	
MW-8A	110	1174.81	10.46	1164.35	6/18/07	6	11.3	6.54	510	119	5	Lt Brown	None	Slight	
MW-8B	111	1174.52	10.23	1164.29	6/18/07	19	12.8	6.12	1010	-110	1	Lt Brown	Moderate	Slight	
MW-8C	112	1174.60	10.31	1164.29	6/18/07	22	13.7	6.19	1200	-106	1	Yel Brown	Moderate	Slight	
MW-11A	114	1209.60	45.45	1164.15	6/19/07	5	11.1	6.51	1600	60	6	Lt Brown	None	Low	
MW-11B	115	1209.84	45.64	1164.20	6/19/07	19	10.9	6.45	610	-001	1	Clear	None	None	
MW-11C	116	1210.26	46.08	1164.18	6/19/07	25	10.3	6.53	770	-030	1	Clear	None	None	
MW-11D	144	1210.25	46.11	1164.14	6/19/07	34	10.8	6.92	390	-050	1	Clear	Moderate	None	
MW-12A	117	1177.95	13.67	1164.28	6/18/07	6	11.9	6.55	100	-009	7	Clear	None	None	
MW-12B	118	1177.56	13.31	1164.25	6/18/07	19	14.0	6.63	650	-134	6	Clear	Moderate	None	
MW-16AR	124	1180.66	16.25	1164.41	6/18/07	5	9.7	5.80	220	280	5	Clear	None	None	
MW-16BR	125	1180.76	16.33	1164.43	6/18/07	20	11.1	5.77	200	341	2	Clear	None	None	
MW-19A	130	1178.69	13.15	1165.54	6/18/07	6	8.8	6.26	530	179	1	Clear	None	None	
MW-19B	131	1178.99	12.72	1166.27	6/18/07	19	10.4	6.28	200	236	6	Clear	None	None	
MW-20R	143	1170.28	5.55	1164.73	6/20/07	28	12.1	7.03	130	287	1	Clear	None	None	
MW-21A	133	1171.32	6.27	1165.05	6/20/07	6	11.2	6.49	210	-030	1	Lt Brown	None	Low	
MW-21B	134	1171.30	6.11	1165.19	6/20/07	19	10.4	6.59	190	-006	1	Lt Brown	Slight	Low	
MW-21C	135	1170.82	5.63	1165.19	6/20/07	22	11.7	6.58	270	-004	1	Clear	Slight	None	
MW-22A	136	1177.93	12.96	1164.97	6/18/07	5	9.0	5.90	80	321	6	Lt Brown	None	Low	
MW-22B	137	1177.43	12.46	1164.97	6/18/07	19	9.8	6.12	820	-090	1	Clear	Moderate	None	
MW-23	138	1174.18	9.30	1164.88	6/18/07	5	12.9	6.09	290	-020	5	Lt Brown	None	Low	
MW-24A	139	1172.70	8.35	1164.35	6/19/07	5	8.4	6.42	190	209	1	Lt Brown	None	Moderate	
MW-24B	140	1172.38	8.04	1164.34	6/19/07	20	9.9	6.50	1200	2	1	Yel Brown	Moderate	Moderate	
MW-24C	141	1172.56	8.27	1164.29	6/19/07	25	9.9	6.29	1400	8	2	Yel Brown	Moderate	Moderate	
MW-24D	142	1172.40	8.24	1164.16	6/19/07	32	10.4	5.79	560	40	1	Clear	None	None	
MW-25C	146	1211.06	47.64	1163.42	6/19/07	30	11.0	6.45	2400	-039	2	Yel Brown	Slight	Low	
MW-25D	145	1211.72	158.30	1053.42	6/19/07	8	11.3	6.89	570	230	6	Clear	None	None	
MW-26C	147	1207.04	43.49	1163.55	6/19/07	2	12.5	6.42	990	-100	3	Clear	Slight	None	
Dup-1	118	-			6/18/07		14.0	6.6	650	-134	6				MW-12B
Dup-2	137	-			6/18/07		9.8	6.1	820	-090	1				MW-22B
Dup-3	147				6/19/07		12.5	6.39	990	-090	3				MW-26C
FB-1	-	-			6/18/07		26.7	6.54	0	196	6	Clear	None	None	
FB-2	-	-			6/19/07		20.8	6.79	0	200	6	Clear	None	None	
FB-3					6/20/07		19.7	6.6	0	200	6	Clear	None	None	

Holtz-Krause Landfill, Wausau, WI

Field Data Summary

Date:

Sampled by: E. Nielsen

All water levels measured on 9/20/07

Well	Well ID	TPVC Elev.	Depth to Water (TPVC)	Water Elev.	Date Sampled	Gallons Purged	Temp (C)	pH	Cond. @25C	ORP mV	D.O. ppm	Color	Odor	Turbidity	Remarks
MW-24C	141	1172.56	8.90	1163.66	9/20/07	25	11.2	6.69	2300	-011	3	Yel Brown	Moderate	Moderate	
MW-24D	142	1172.40	8.78	1163.62	9/20/07	32	10.2	6.06	1600	022	1	Clear	Slight	None	
MW-25C	146	1211.06	47.90	1163.16	9/20/07	25	9.8	6.46	2500	022	1	Lt Yellow	Slight	Low	
MW-26C	147	1207.04	43.75	1163.29	9/20/07	25	10.3	6.49	1200	-008	1	Clear	Slight	None	
Dup-1	147	-	-	-	9/20/07		10.3	6.46	1200	-008	1	Clear	Slight	None	
FB-1	999	-	-	-	9/20/07		17.8	5.66	0	152	6	Clear	None	None	

Holtz-Krause Landfill, Wausau, WI

Field Data Summary

Date:

Sampled by: J Puetz

Water levels measured on dates sampled.

Well	Well ID	TPVC Elev.	Depth to Water (TPVC)	Water Elev.	Date Sampled	Gallons Purged	Temp (C)	pH	Cond. @25C	ORP mV	D.O. ppm	Color	Odor	Turbidity	Remarks
MW-1	100	1223.25	13.57	1209.68	12/19/07										
MW-3R	104	1216.75													
MW-4AR	106	1173.86	10.01	1163.85	12/13/07	7	8.3	6.71	1100	120	3	Lt Brown	None	Moderate	
MW-4B	107	1173.86	10.05	1163.81	12/13/07	15	9.2	6.52	1300	30	1	Lt Yellow	Strong	Low	
MW-5	108	1174.50	10.63	1163.87	12/19/07										
MW-8A	110	1174.81	10.61	1164.20	12/19/07										
MW-8B	111	1174.52	10.41	1164.11	12/13/07	20	9.1	6.12	1700	050	1	Lt Yellow	Strong	Low	
MW-8C	112	1174.60	10.48	1164.12	12/13/07	22	8.4	6.11	2500	-010	2	Lt Yellow	Moderate	Low	
MW-11A	114	1209.60	45.81	1163.79	12/19/07										
MW-11B	115	1209.84	46.06	1163.78	12/12/07	19	9.1	6.41	800	116	1	Clear	None	None	
MW-11C	116	1210.26	46.21	1164.05	12/12/07	25	8.9	6.38	1200	110	2	Lt Yellow	None	Low	
MW-11D	144	1210.25	46.45	1163.80	12/19/07										
MW-12A	117	1177.95	13.62	1164.33	12/19/07										
MW-12B	118	1177.56	13.21	1164.35	12/13/07	20	9.9	6.32	1000	055	1	Lt Yellow	Strong	Moderate	
MW-16AR	124	1180.66	16.40	1164.26	12/19/07										
MW-16BR	125	1180.76	16.49	1164.27	12/19/07										
MW-19A	130	1178.69	13.09	1165.60	12/14/07	5	8.2	6.24	530	020	1	Clear	None	Clear	
MW-19B	131	1178.99	12.68	1166.31	12/19/07										
MW-20R	143	1170.28	5.89	1164.39	12/19/07										
MW-21A	133	1171.32	6.66	1164.66	12/19/07										
MW-21B	134	1171.30	6.60	1164.70	12/19/07										
MW-21C	135	1170.82	6.15	1164.67	12/19/07										
MW-22A	136	1177.93	12.92	1165.01	12/19/07										
MW-22B	137	1177.43	12.47	1164.96	12/14/07	20	7.6	6.12	490	-025	1	Lt Brown	None	Slight	
MW-23	138	1174.18	9.08	1165.10	12/13/07	5	3.9	6.15	570	036	1	Clear	None	None	
MW-24A	139	1172.70	8.41	1164.29	12/19/07										
MW-24B	140	1172.38	7.71	1164.67	12/13/07	20	6.1	6.07	2100	010	3	Lt Brown	Strong	Low	
MW-24C	141	1172.56	8.83	1163.73	12/13/07	25	3.8	6.40	3200	-020	4	Lt Brown	Strong	Low	
MW-24D	142	1172.40	7.73	1164.67	12/13/07	25	3.7	5.82	2000	091	1	Clear	Strong	None	
MW-25C	146	1211.06	47.85	1163.21	12/12/07	18	6.0	6.37	4400	160	1	Yel Brown	Moderate	Low	
MW-25D	145	1211.72	156.41	1055.31	12/12/07	7	7.4	6.64	900	172	5	Clear	None	None	
MW-26C	147	1207.04	44.32	1162.72	12/13/07	19	7.1	6.21	1200	107	1	Clear	Moderate	None	
Dup-1	106	-	-	-	12/13/07		8.3	6.70	1100	120	3				
Dup-2	146	-	-	-	12/12/07		6.0	6.37	4500	160	1				
FB-1	-	-	-	-	12/13/07										
FB-2	-	-	-	-	12/13/07										

MW-4AR
MW-25C

Appendix D

PAL Exceedance Report

Sorted by Well

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
104	MW-3R	34696	Naphthalene	UG/L	69.3	100	10	06/21/07
107	MW-4B	1000	Arsenic, Dissolved	UG/L	3.04	10	1	06/18/07
107	MW-4B	34030	Benzene (GC-MS)	UG/L	1.91	5	0.5	06/18/07
107	MW-4B	34030	Benzene (GC-MS)	UG/L	1.74	5	0.5	12/13/07
107	MW-4B	81607	Tetrahydrofuran	UG/L	10.4	50	10	06/18/07
111	MW-8B	1000	Arsenic, Dissolved	UG/L	7.92	10	1	06/18/07
111	MW-8B	34030	Benzene (GC-MS)	UG/L	2.7	5	0.5	06/18/07
111	MW-8B	34030	Benzene (GC-MS)	UG/L	3.85	5	0.5	12/13/07
112	MW-8C	1000	Arsenic, Dissolved	UG/L	2.54	10	1	06/18/07
112	MW-8C	34030	Benzene (GC-MS)	UG/L	6.87	5	0.5	06/18/07
112	MW-8C	34030	Benzene (GC-MS)	UG/L	9.41	5	0.5	12/13/07
112	MW-8C	81607	Tetrahydrofuran	UG/L	11.5	50	10	06/18/07
112	MW-8C	81607	Tetrahydrofuran	UG/L	13.8	50	10	12/13/07
116	MW-11C	34030	Benzene (GC-MS)	UG/L	2.88	5	0.5	06/18/07
116	MW-11C	34030	Benzene (GC-MS)	UG/L	3.15	5	0.5	12/12/07
116	MW-11C	81607	Tetrahydrofuran	UG/L	23.3	50	10	06/18/07
116	MW-11C	81607	Tetrahydrofuran	UG/L	24.7	50	10	12/12/07
144	MW-11D	34418	Chloromethane	UG/L	0.34	3	0.3	06/19/07
118	MW-12B	1000	Arsenic, Dissolved	UG/L	4.12	10	1	06/18/07
118	MW-12B	1000	Arsenic, Dissolved	UG/L	4.06	10	1	06/18/07
118	MW-12B	34030	Benzene (GC-MS)	UG/L	2.17	5	0.5	06/18/07
118	MW-12B	34030	Benzene (GC-MS)	UG/L	2.27	5	0.5	06/18/07
118	MW-12B	34030	Benzene (GC-MS)	UG/L	2.11	5	0.5	12/13/07
118	MW-12B	39175	Vinyl Chloride	UG/L	0.2	0.2	0.02	12/13/07

PAL Exceedance Report

Sorted by Well

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
130	MW-19A	34418	Chloromethane	UG/L	0.35	3	0.3	06/18/07
133	MW-21A	1000	Arsenic, Dissolved	UG/L	5.57	10	1	06/20/07
137	MW-22B	1000	Arsenic, Dissolved	UG/L	11.1	10	1	06/18/07
137	MW-22B	1000	Arsenic, Dissolved	UG/L	11	10	1	06/18/07
137	MW-22B	32103	1,2-Dichloroethane	UG/L	0.7	5	0.5	12/14/07
137	MW-22B	34030	Benzene (GC-MS)	UG/L	2.94	5	0.5	06/18/07
137	MW-22B	34030	Benzene (GC-MS)	UG/L	2.88	5	0.5	06/18/07
137	MW-22B	34030	Benzene (GC-MS)	UG/L	3.22	5	0.5	12/14/07
137	MW-22B	39175	Vinyl Chloride	UG/L	0.22	0.2	0.02	12/14/07
140	MW-24B	1000	Arsenic, Dissolved	UG/L	7.78	10	1	06/19/07
140	MW-24B	34030	Benzene (GC-MS)	UG/L	2.95	5	0.5	06/19/07
140	MW-24B	34030	Benzene (GC-MS)	UG/L	3.66	5	0.5	12/13/07
140	MW-24B	81607	Tetrahydrofuran	UG/L	16	50	10	06/19/07
140	MW-24B	81607	Tetrahydrofuran	UG/L	25.5	50	10	12/13/07
141	MW-24C	1000	Arsenic, Dissolved	UG/L	3.58	10	1	06/19/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	7.58	5	0.5	03/19/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	6.99	5	0.5	06/19/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	7.48	5	0.5	09/20/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	8.6	5	0.5	12/13/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	95.7	50	10	03/19/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	75.9	50	10	06/19/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	69.2	50	10	09/20/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	56.4	50	10	12/13/07

PAL Exceedance Report

Sorted by Well

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.56	5	0.5	03/19/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.96	5	0.5	06/19/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.89	5	0.5	09/20/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	6.34	5	0.5	12/13/07
142	MW-24D	34418	Chloromethane	UG/L	0.32	3	0.3	06/19/07
142	MW-24D	34423	Methylene Chloride	UG/L	0.51	5	0.5	09/20/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.22	0.2	0.02	03/19/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.27	0.2	0.02	06/19/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.3	0.2	0.02	09/20/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.25	0.2	0.02	12/13/07
142	MW-24D	81607	Tetrahydrofuran	UG/L	34.4	50	10	03/19/07
142	MW-24D	81607	Tetrahydrofuran	UG/L	26.5	50	10	06/19/07
142	MW-24D	81607	Tetrahydrofuran	UG/L	28.6	50	10	09/20/07
142	MW-24D	81607	Tetrahydrofuran	UG/L	27	50	10	12/13/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	11	5	0.5	03/19/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	10.6	5	0.5	03/19/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	9.81	5	0.5	06/19/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	11.2	5	0.5	09/20/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	12.8	5	0.5	12/12/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	12.7	5	0.5	12/12/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.24	0.2	0.02	03/19/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.2	0.2	0.02	03/19/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.27	0.2	0.02	06/19/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.38	0.2	0.02	09/20/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.29	0.2	0.02	12/12/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.31	0.2	0.02	12/12/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	73.5	50	10	03/19/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	77	50	10	03/19/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	67.1	50	10	06/19/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	73.8	50	10	09/20/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	76	50	10	12/12/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	72	50	10	12/12/07

PAL Exceedance Report

Sorted by Well

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
147	MW-26C	34030	Benzene (GC-MS)	UG/L	4.66	5	0.5	03/19/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	4.37	5	0.5	06/19/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	4.88	5	0.5	06/19/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	3.97	5	0.5	09/20/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	3.85	5	0.5	09/20/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	3.79	5	0.5	12/13/07
147	MW-26C	34413	Bromomethane	UG/L	2.12	10	1	09/20/07
147	MW-26C	34418	Chloromethane	UG/L	0.85	3	0.3	09/20/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	60.1	50	10	03/19/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	63.7	50	10	06/19/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	75.8	50	10	06/19/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	67.5	50	10	09/20/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	61.9	50	10	09/20/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	65.9	50	10	12/13/07
301	CD-1	34030	Benzene (GC-MS)	UG/L	3.78	5	0.5	03/19/07
301	CD-1	34030	Benzene (GC-MS)	UG/L	3.35	5	0.5	06/21/07
301	CD-1	34696	Naphthalene	UG/L	15.4	100	10	03/19/07
301	CD-1	34696	Naphthalene	UG/L	12.8	100	10	06/21/07
301	CD-1	81595	2-Butanone	UG/L	114	460	90	03/19/07
301	CD-1	81607	Tetrahydrofuran	UG/L	185	50	10	03/19/07
301	CD-1	81607	Tetrahydrofuran	UG/L	129	50	10	06/21/07
997	Field Blank	32106	Chloroform	UG/L	4.36	6	0.6	12/12/07
997	Field Blank	32106	Chloroform	UG/L	4.29	6	0.6	12/13/07
997	Field Blank	34413	Bromomethane	UG/L	1.58	10	1	09/20/07
997	Field Blank	34423	Methylene Chloride	UG/L	1.47	5	0.5	06/19/07
997	Field Blank	34423	Methylene Chloride	UG/L	1.54	5	0.5	06/20/07
997	Field Blank	81595	2-Butanone	UG/L	158	460	90	06/18/07
997	Field Blank	81595	2-Butanone	UG/L	124	460	90	09/20/07

Appendix E

PAL Exceedance Report

Sorted by Parameter

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
107	MW-4B	1000	Arsenic, Dissolved	UG/L	3.04	10	1	6/18/07
111	MW-8B	1000	Arsenic, Dissolved	UG/L	7.92	10	1	6/18/07
112	MW-8C	1000	Arsenic, Dissolved	UG/L	2.54	10	1	6/18/07
118	MW-12B	1000	Arsenic, Dissolved	UG/L	4.12	10	1	6/18/07
118	MW-12B	1000	Arsenic, Dissolved	UG/L	4.06	10	1	6/18/07
133	MW-21A	1000	Arsenic, Dissolved	UG/L	5.57	10	1	6/20/07
137	MW-22B	1000	Arsenic, Dissolved	UG/L	11.1	10	1	6/18/07
137	MW-22B	1000	Arsenic, Dissolved	UG/L	11	10	1	6/18/07
140	MW-24B	1000	Arsenic, Dissolved	UG/L	7.78	10	1	6/19/07
141	MW-24C	1000	Arsenic, Dissolved	UG/L	3.58	10	1	6/19/07
137	MW-22B	32103	1,2-Dichloroethane	UG/L	0.7	5	0.5	12/14/07
997	Field Blank	32106	Chloroform	UG/L	4.36	6	0.6	12/12/07
997	Field Blank	32106	Chloroform	UG/L	4.29	6	0.6	12/13/07
107	MW-4B	34030	Benzene (GC-MS)	UG/L	1.91	5	0.5	6/18/07
107	MW-4B	34030	Benzene (GC-MS)	UG/L	1.74	5	0.5	12/13/07
111	MW-8B	34030	Benzene (GC-MS)	UG/L	2.7	5	0.5	6/18/07
111	MW-8B	34030	Benzene (GC-MS)	UG/L	3.85	5	0.5	12/13/07
112	MW-8C	34030	Benzene (GC-MS)	UG/L	6.87	5	0.5	6/18/07
112	MW-8C	34030	Benzene (GC-MS)	UG/L	9.41	5	0.5	12/13/07
116	MW-11C	34030	Benzene (GC-MS)	UG/L	2.88	5	0.5	6/18/07
116	MW-11C	34030	Benzene (GC-MS)	UG/L	3.15	5	0.5	12/12/07
118	MW-12B	34030	Benzene (GC-MS)	UG/L	2.17	5	0.5	6/18/07
118	MW-12B	34030	Benzene (GC-MS)	UG/L	2.27	5	0.5	6/18/07
118	MW-12B	34030	Benzene (GC-MS)	UG/L	2.11	5	0.5	12/13/07
137	MW-22B	34030	Benzene (GC-MS)	UG/L	2.94	5	0.5	6/18/07
137	MW-22B	34030	Benzene (GC-MS)	UG/L	2.88	5	0.5	6/18/07
137	MW-22B	34030	Benzene (GC-MS)	UG/L	3.22	5	0.5	12/14/07
140	MW-24B	34030	Benzene (GC-MS)	UG/L	2.95	5	0.5	6/19/07

PAL Exceedance Report

Sorted by Parameter

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
140	MW-24B	34030	Benzene (GC-MS)	UG/L	3.66	5	0.5	12/13/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	7.58	5	0.5	3/19/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	6.99	5	0.5	6/19/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	7.48	5	0.5	9/20/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	8.6	5	0.5	12/13/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.56	5	0.5	3/19/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.96	5	0.5	6/19/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.89	5	0.5	9/20/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	6.34	5	0.5	12/13/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	11	5	0.5	3/19/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	10.6	5	0.5	3/19/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	9.81	5	0.5	6/19/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	11.2	5	0.5	9/20/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	12.8	5	0.5	12/12/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	12.7	5	0.5	12/12/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	4.66	5	0.5	3/19/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	4.37	5	0.5	6/19/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	4.88	5	0.5	6/19/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	3.97	5	0.5	9/20/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	3.85	5	0.5	9/20/07
147	MW-26C	34030	Benzene (GC-MS)	UG/L	3.79	5	0.5	12/13/07
301	CD-1	34030	Benzene (GC-MS)	UG/L	3.78	5	0.5	3/19/07
301	CD-1	34030	Benzene (GC-MS)	UG/L	3.35	5	0.5	6/21/07
147	MW-26C	34413	Bromomethane	UG/L	2.12	10	1	9/20/07
997	Field Blank	34413	Bromomethane	UG/L	1.58	10	1	9/20/07
130	MW-19A	34418	Chloromethane	UG/L	0.35	3	0.3	6/18/07
142	MW-24D	34418	Chloromethane	UG/L	0.32	3	0.3	6/19/07
144	MW-11D	34418	Chloromethane	UG/L	0.34	3	0.3	6/19/07
147	MW-26C	34418	Chloromethane	UG/L	0.85	3	0.3	9/20/07

PAL Exceedance Report

Sorted by Parameter

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
142	MW-24D	34423	Methylene Chloride	UG/L	0.51	5	0.5	9/20/07
997	Field Blank	34423	Methylene Chloride	UG/L	1.47	5	0.5	6/19/07
997	Field Blank	34423	Methylene Chloride	UG/L	1.54	5	0.5	6/20/07
104	MW-3R	34696	Naphthalene	UG/L	69.3	100	10	6/21/07
301	CD-1	34696	Naphthalene	UG/L	15.4	100	10	3/19/07
301	CD-1	34696	Naphthalene	UG/L	12.8	100	10	6/21/07
118	MW-12B	39175	Vinyl Chloride	UG/L	0.2	0.2	0.02	12/13/07
137	MW-22B	39175	Vinyl Chloride	UG/L	0.22	0.2	0.02	12/14/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.22	0.2	0.02	3/19/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.27	0.2	0.02	6/19/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.3	0.2	0.02	9/20/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.25	0.2	0.02	12/13/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.24	0.2	0.02	3/19/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.2	0.2	0.02	3/19/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.27	0.2	0.02	6/19/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.38	0.2	0.02	9/20/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.29	0.2	0.02	12/12/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.31	0.2	0.02	12/12/07
301	CD-1	81595	2-Butanone	UG/L	114	460	90	3/19/07
997	Field Blank	81595	2-Butanone	UG/L	158	460	90	6/18/07
997	Field Blank	81595	2-Butanone	UG/L	124	460	90	9/20/07
107	MW-4B	81607	Tetrahydrofuran	UG/L	10.4	50	10	6/18/07
112	MW-8C	81607	Tetrahydrofuran	UG/L	11.5	50	10	6/18/07
112	MW-8C	81607	Tetrahydrofuran	UG/L	13.8	50	10	12/13/07
116	MW-11C	81607	Tetrahydrofuran	UG/L	23.3	50	10	6/18/07
116	MW-11C	81607	Tetrahydrofuran	UG/L	24.7	50	10	12/12/07

PAL Exceedance Report

Sorted by Parameter

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
140	MW-24B	81607	Tetrahydrofuran	UG/L	16	50	10	6/19/07
140	MW-24B	81607	Tetrahydrofuran	UG/L	25.5	50	10	12/13/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	95.7	50	10	3/19/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	75.9	50	10	6/19/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	69.2	50	10	9/20/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	56.4	50	10	12/13/07
142	MW-24D	81607	Tetrahydrofuran	UG/L	34.4	50	10	3/19/07
142	MW-24D	81607	Tetrahydrofuran	UG/L	26.5	50	10	6/19/07
142	MW-24D	81607	Tetrahydrofuran	UG/L	28.6	50	10	9/20/07
142	MW-24D	81607	Tetrahydrofuran	UG/L	27	50	10	12/13/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	73.5	50	10	3/19/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	77	50	10	3/19/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	67.1	50	10	6/19/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	73.8	50	10	9/20/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	76	50	10	12/12/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	72	50	10	12/12/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	60.1	50	10	3/19/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	63.7	50	10	6/19/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	75.8	50	10	6/19/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	67.5	50	10	9/20/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	61.9	50	10	9/20/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	65.9	50	10	12/13/07
301	CD-1	81607	Tetrahydrofuran	UG/L	185	50	10	3/19/07
301	CD-1	81607	Tetrahydrofuran	UG/L	129	50	10	6/21/07

Appendix F

ES Exceedance Report

Sorted by Well

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
112	MW-8C	34030	Benzene (GC-MS)	UG/L	6.87	5	0.5	06/18/07
112	MW-8C	34030	Benzene (GC-MS)	UG/L	9.41	5	0.5	12/13/07
118	MW-12B	39175	Vinyl Chloride	UG/L	0.2	0.2	0.02	12/13/07
137	MW-22B	1000	Arsenic, Dissolved	UG/L	11.1	10	1	06/18/07
137	MW-22B	1000	Arsenic, Dissolved	UG/L	11	10	1	06/18/07
137	MW-22B	39175	Vinyl Chloride	UG/L	0.22	0.2	0.02	12/14/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	7.58	5	0.5	03/19/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	6.99	5	0.5	06/19/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	7.48	5	0.5	09/20/07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	8.6	5	0.5	12/13/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	95.7	50	10	03/19/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	75.9	50	10	06/19/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	69.2	50	10	09/20/07
141	MW-24C	81607	Tetrahydrofuran	UG/L	56.4	50	10	12/13/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.56	5	0.5	03/19/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.96	5	0.5	06/19/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.89	5	0.5	09/20/07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	6.34	5	0.5	12/13/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.22	0.2	0.02	03/19/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.27	0.2	0.02	06/19/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.3	0.2	0.02	09/20/07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.25	0.2	0.02	12/13/07

ES Exceedance Report

Sorted by Well

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
146	MW-25C	34030	Benzene (GC-MS)	UG/L	11	5	0.5	03/19/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	10.6	5	0.5	03/19/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	9.81	5	0.5	06/19/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	11.2	5	0.5	09/20/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	12.8	5	0.5	12/12/07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	12.7	5	0.5	12/12/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.24	0.2	0.02	03/19/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.2	0.2	0.02	03/19/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.27	0.2	0.02	06/19/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.38	0.2	0.02	09/20/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.29	0.2	0.02	12/12/07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.31	0.2	0.02	12/12/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	73.5	50	10	03/19/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	77	50	10	03/19/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	67.1	50	10	06/19/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	73.8	50	10	09/20/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	76	50	10	12/12/07
146	MW-25C	81607	Tetrahydrofuran	UG/L	72	50	10	12/12/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	60.1	50	10	03/19/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	63.7	50	10	06/19/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	75.8	50	10	06/19/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	67.5	50	10	09/20/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	61.9	50	10	09/20/07
147	MW-26C	81607	Tetrahydrofuran	UG/L	65.9	50	10	12/13/07
301	CD-1	81607	Tetrahydrofuran	UG/L	185	50	10	03/19/07
301	CD-1	81607	Tetrahydrofuran	UG/L	129	50	10	06/21/07

Appendix G

ES Exceedance Report

Sorted by Parameter

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
137	MW-22B	1000	Arsenic, Dissolved	UG/L	11.1	10	1	Jun-07
137	MW-22B	1000	Arsenic, Dissolved	UG/L	11	10	1	Jun-07
112	MW-8C	34030	Benzene (GC-MS)	UG/L	6.87	5	0.5	Jun-07
112	MW-8C	34030	Benzene (GC-MS)	UG/L	9.41	5	0.5	Dec-07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	7.58	5	0.5	Mar-07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	6.99	5	0.5	Jun-07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	7.48	5	0.5	Sep-07
141	MW-24C	34030	Benzene (GC-MS)	UG/L	8.6	5	0.5	Dec-07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.56	5	0.5	Mar-07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.96	5	0.5	Jun-07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	5.89	5	0.5	Sep-07
142	MW-24D	34030	Benzene (GC-MS)	UG/L	6.34	5	0.5	Dec-07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	11	5	0.5	Mar-07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	10.6	5	0.5	Mar-07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	9.81	5	0.5	Jun-07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	11.2	5	0.5	Sep-07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	12.8	5	0.5	Dec-07
146	MW-25C	34030	Benzene (GC-MS)	UG/L	12.7	5	0.5	Dec-07
118	MW-12B	39175	Vinyl Chloride	UG/L	0.2	0.2	0.02	Dec-07
137	MW-22B	39175	Vinyl Chloride	UG/L	0.22	0.2	0.02	Dec-07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.22	0.2	0.02	Mar-07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.27	0.2	0.02	Jun-07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.3	0.2	0.02	Sep-07
142	MW-24D	39175	Vinyl Chloride	UG/L	2.25	0.2	0.02	Dec-07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.24	0.2	0.02	Mar-07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.2	0.2	0.02	Mar-07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.27	0.2	0.02	Jun-07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.38	0.2	0.02	Sep-07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.29	0.2	0.02	Dec-07
146	MW-25C	39175	Vinyl Chloride	UG/L	0.31	0.2	0.02	Dec-07

ES Exceedance Report

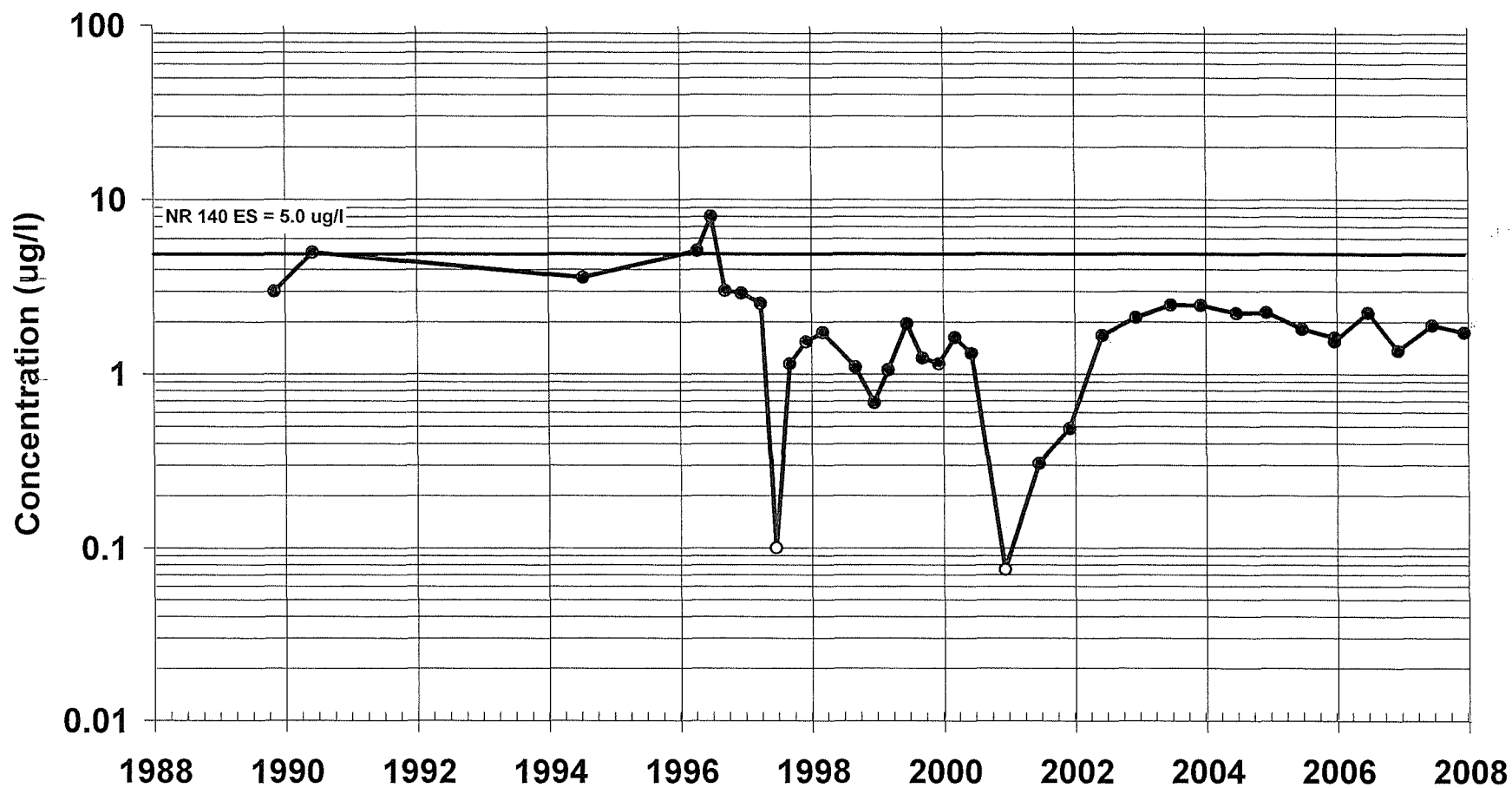
Sorted by Parameter

Well ID	Well Name	Code	Parameter Name	Units	Result	NR140 ES	NR140 PAL	Date
141	MW-24C	81607	Tetrahydrofuran	UG/L	95.7	50	10	Mar-07
141	MW-24C	81607	Tetrahydrofuran	UG/L	75.9	50	10	Jun-07
141	MW-24C	81607	Tetrahydrofuran	UG/L	69.2	50	10	Sep-07
141	MW-24C	81607	Tetrahydrofuran	UG/L	56.4	50	10	Dec-07
146	MW-25C	81607	Tetrahydrofuran	UG/L	73.5	50	10	Mar-07
146	MW-25C	81607	Tetrahydrofuran	UG/L	77	50	10	Mar-07
146	MW-25C	81607	Tetrahydrofuran	UG/L	67.1	50	10	Jun-07
146	MW-25C	81607	Tetrahydrofuran	UG/L	73.8	50	10	Sep-07
146	MW-25C	81607	Tetrahydrofuran	UG/L	76	50	10	Dec-07
146	MW-25C	81607	Tetrahydrofuran	UG/L	72	50	10	Dec-07
147	MW-26C	81607	Tetrahydrofuran	UG/L	60.1	50	10	Mar-07
147	MW-26C	81607	Tetrahydrofuran	UG/L	63.7	50	10	Jun-07
147	MW-26C	81607	Tetrahydrofuran	UG/L	75.8	50	10	Jun-07
147	MW-26C	81607	Tetrahydrofuran	UG/L	67.5	50	10	Sep-07
147	MW-26C	81607	Tetrahydrofuran	UG/L	61.9	50	10	Sep-07
147	MW-26C	81607	Tetrahydrofuran	UG/L	65.9	50	10	Dec-07
301	CD-1	81607	Tetrahydrofuran	UG/L	185	50	10	Mar-07
301	CD-1	81607	Tetrahydrofuran	UG/L	129	50	10	Jun-07

Appendix H

MW-4B

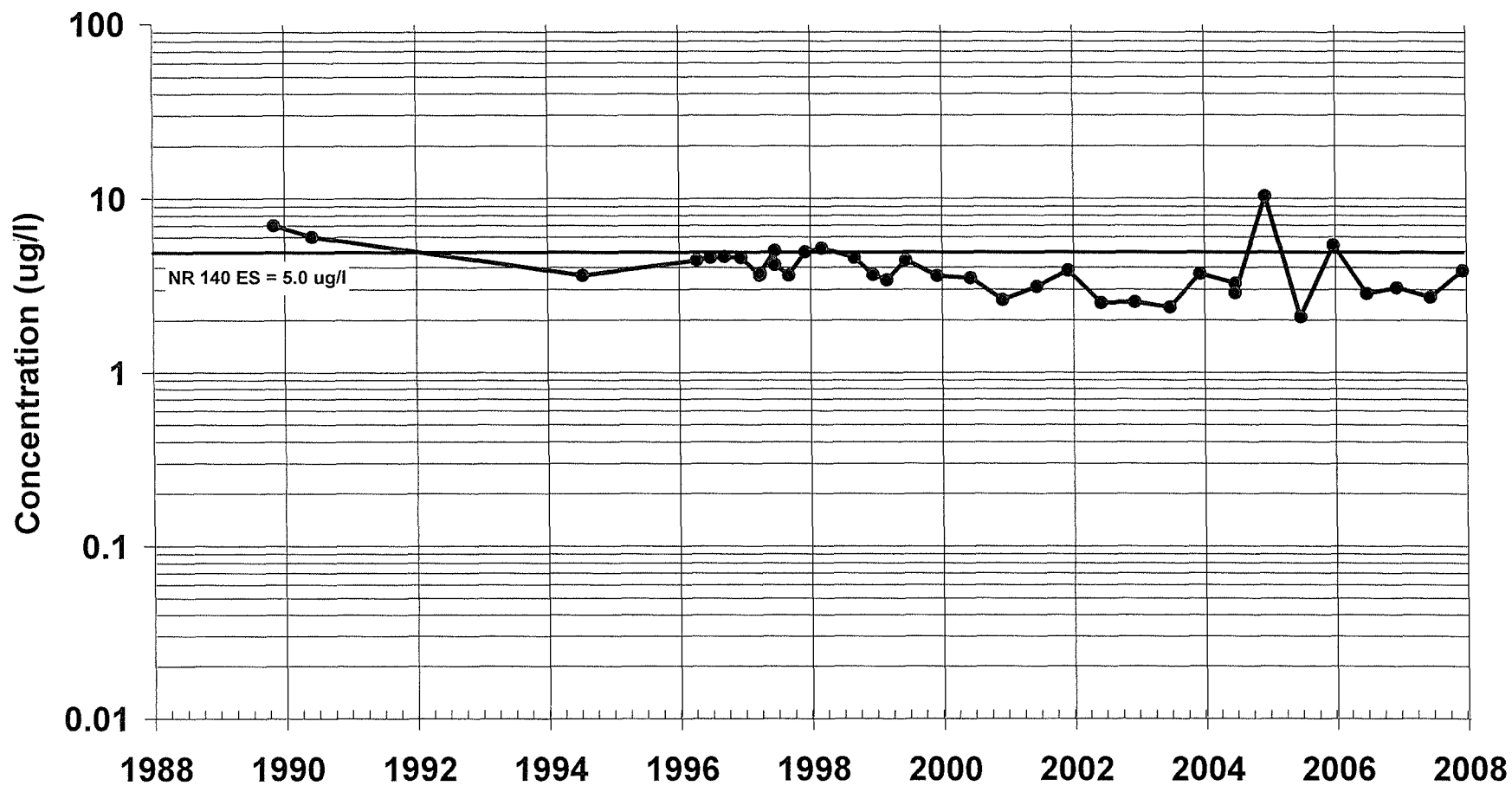
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-8B

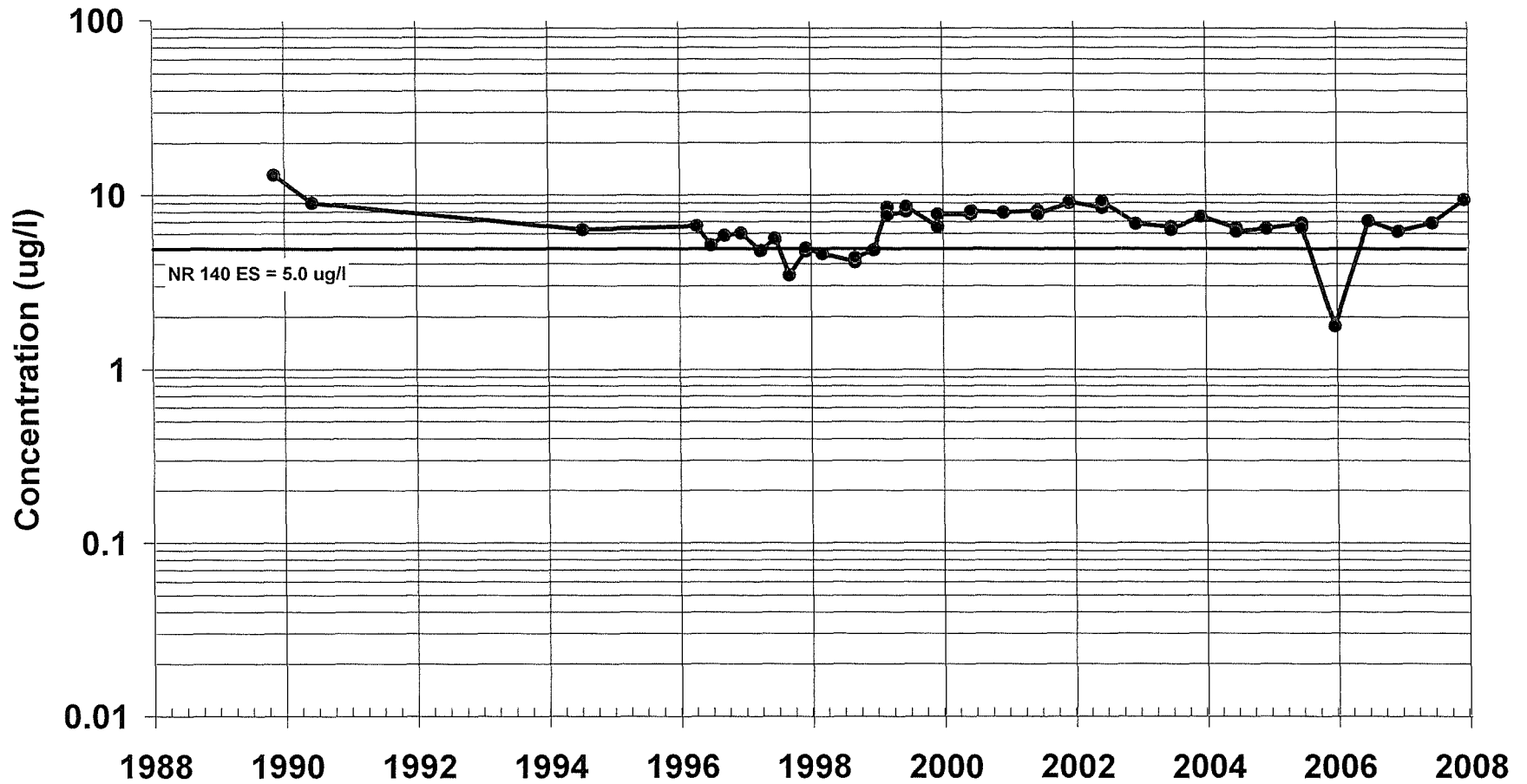
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-8C

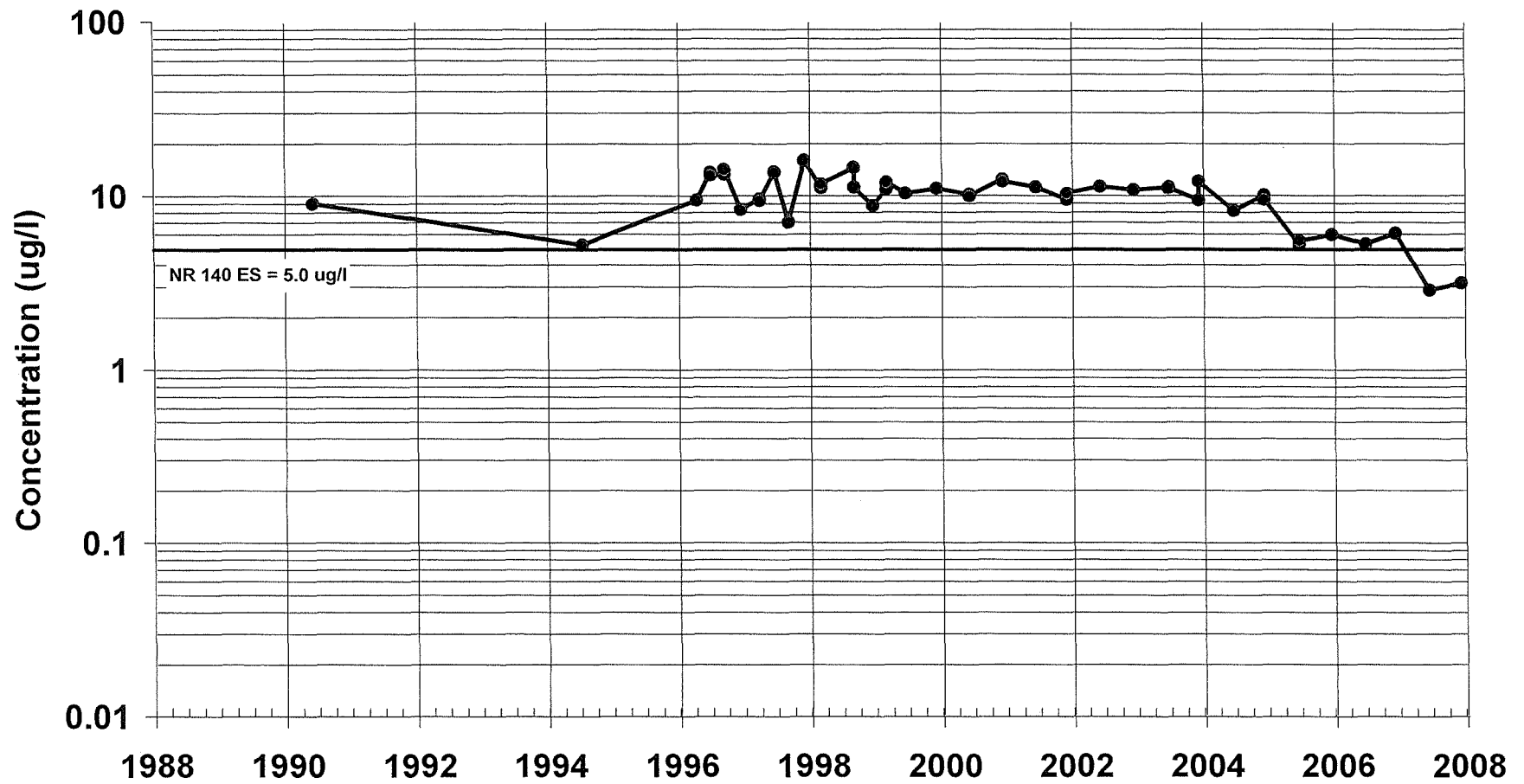
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-11C

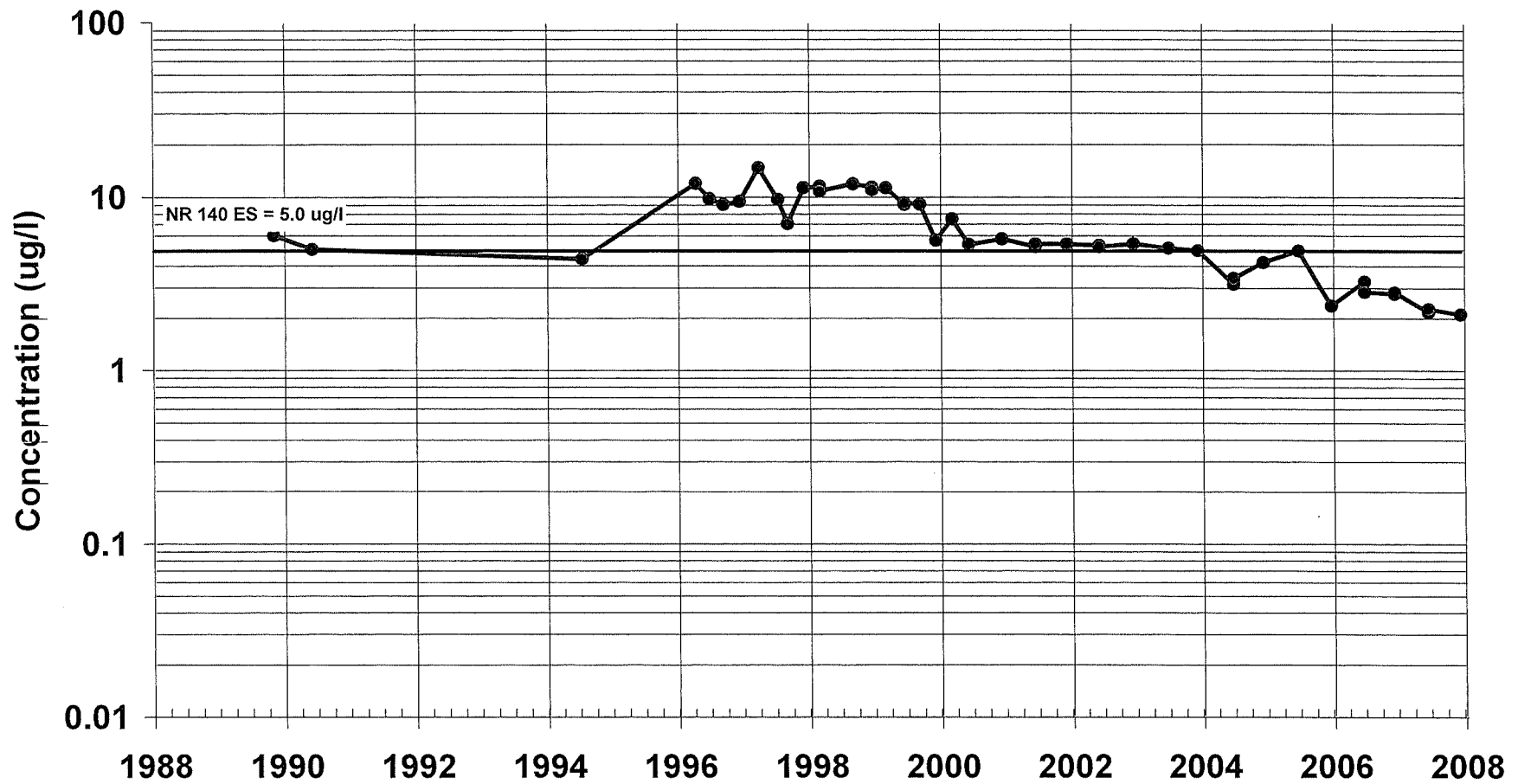
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-12B

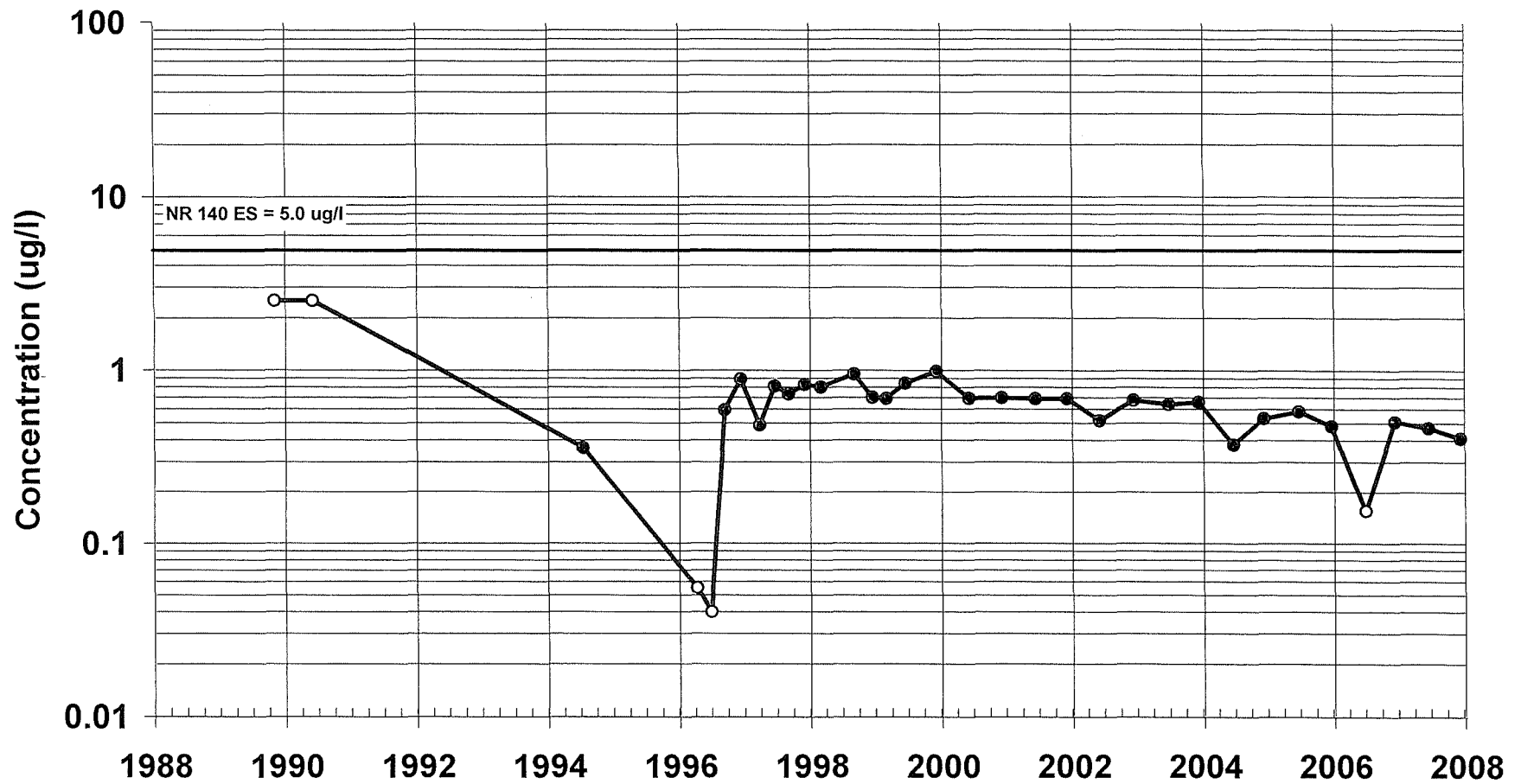
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-19A

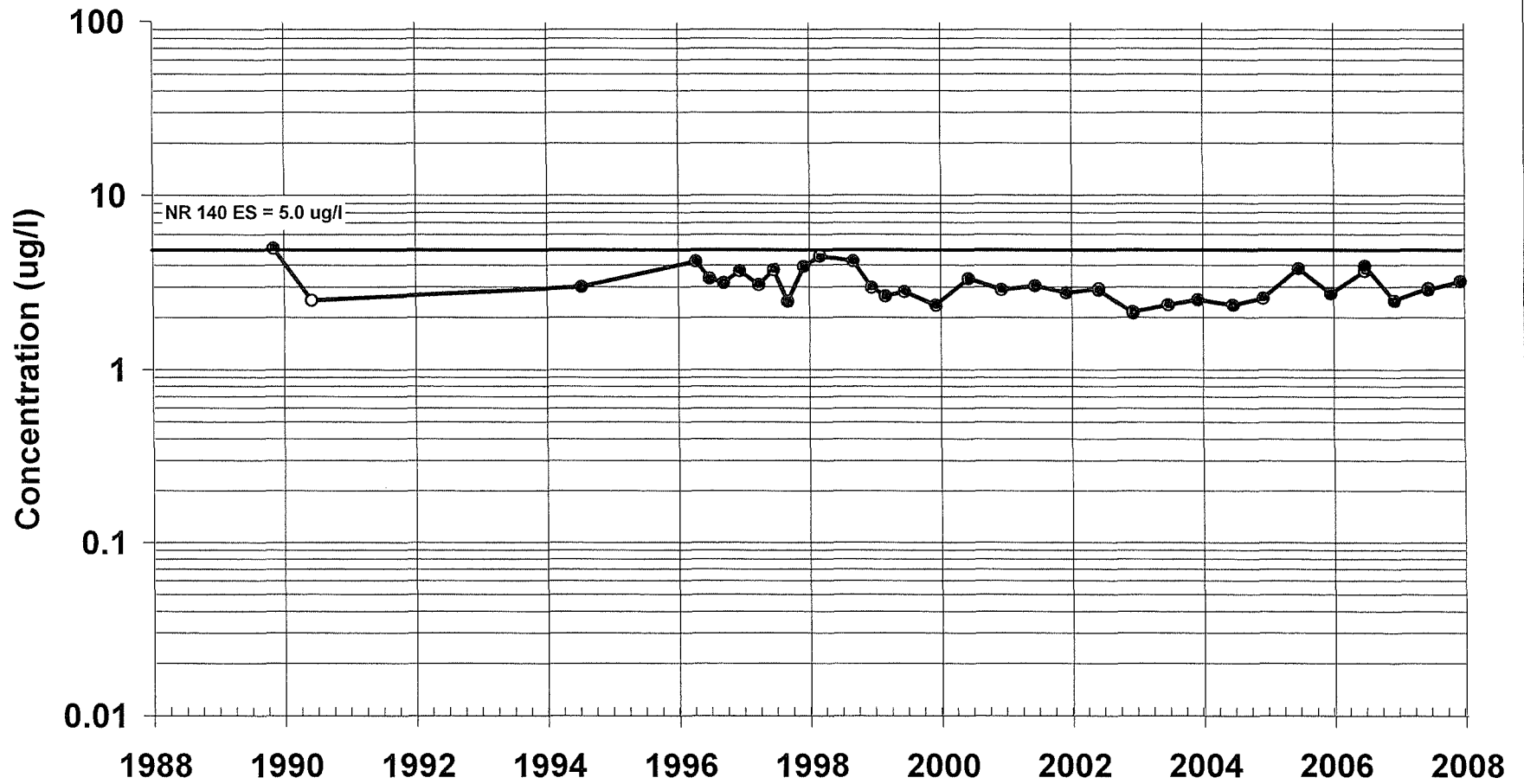
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-22B

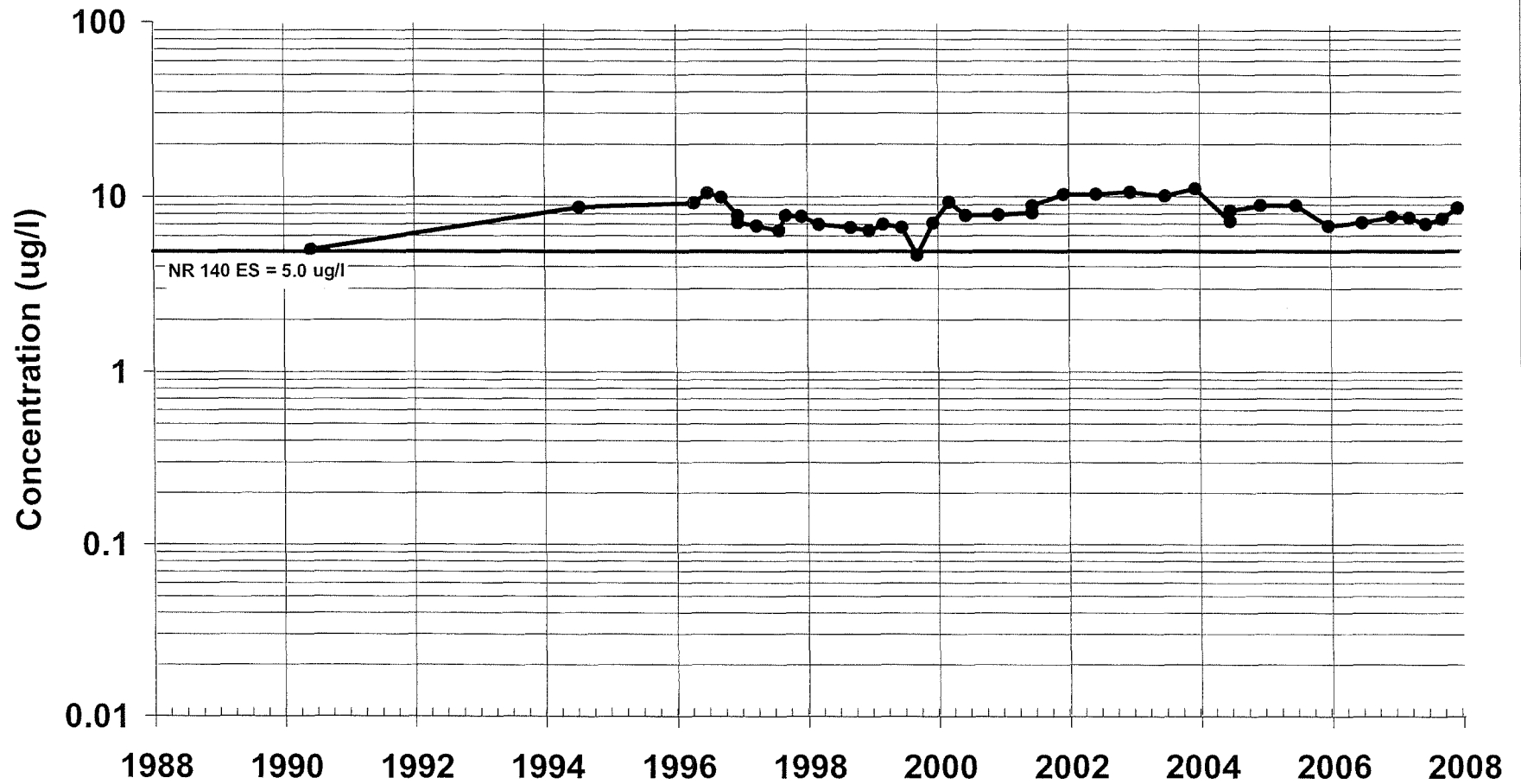
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-24C

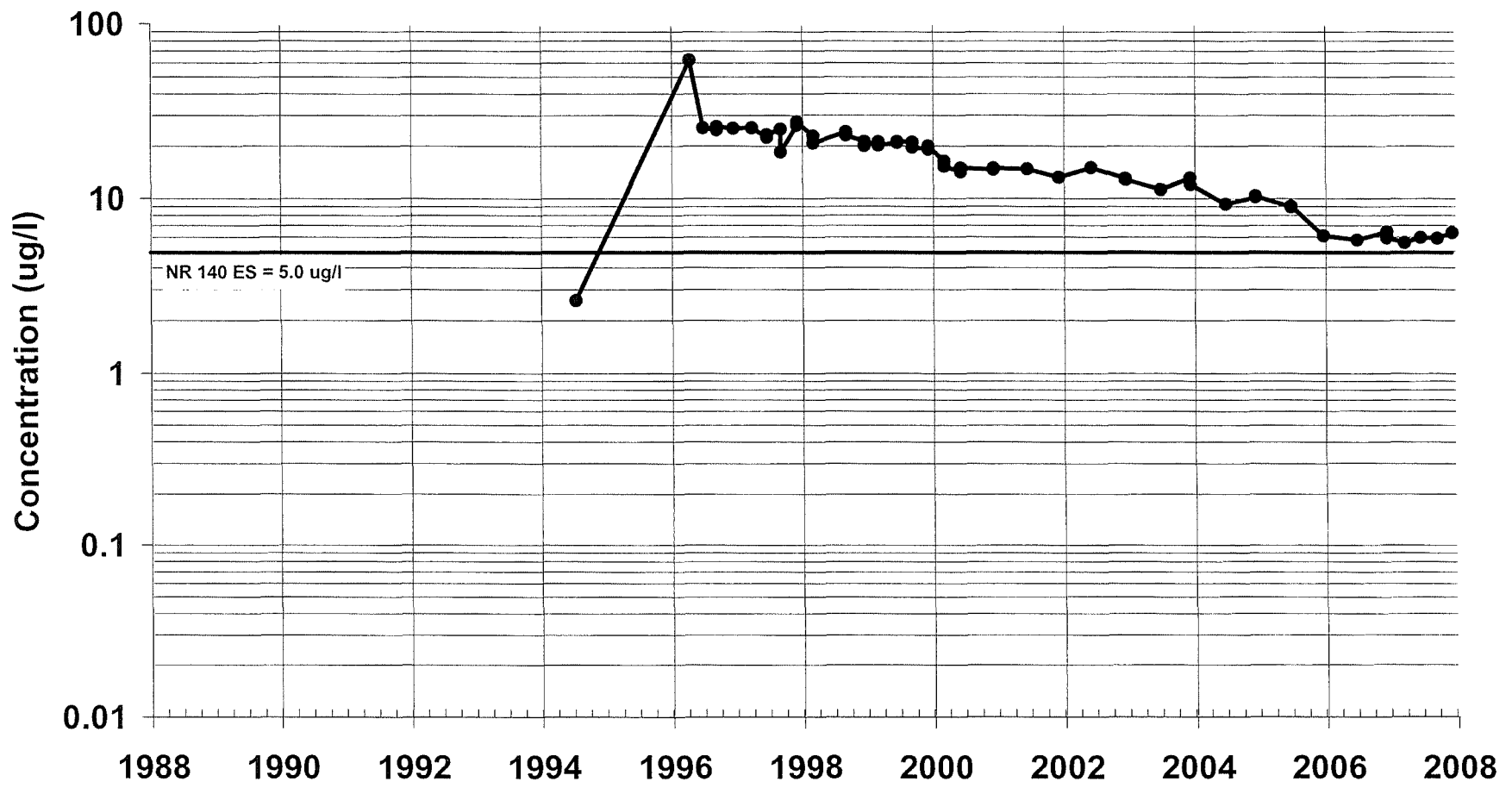
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-24D

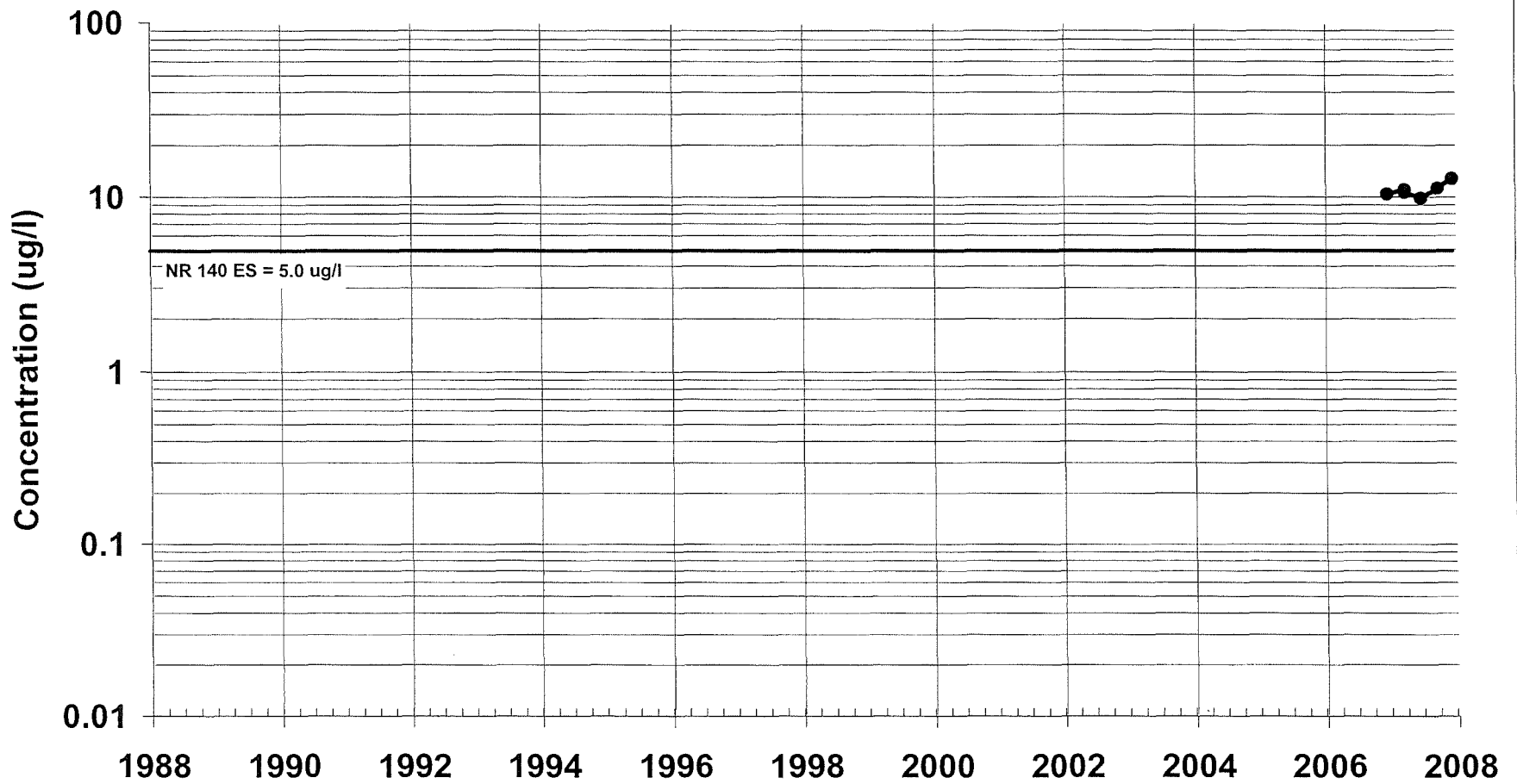
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-25C

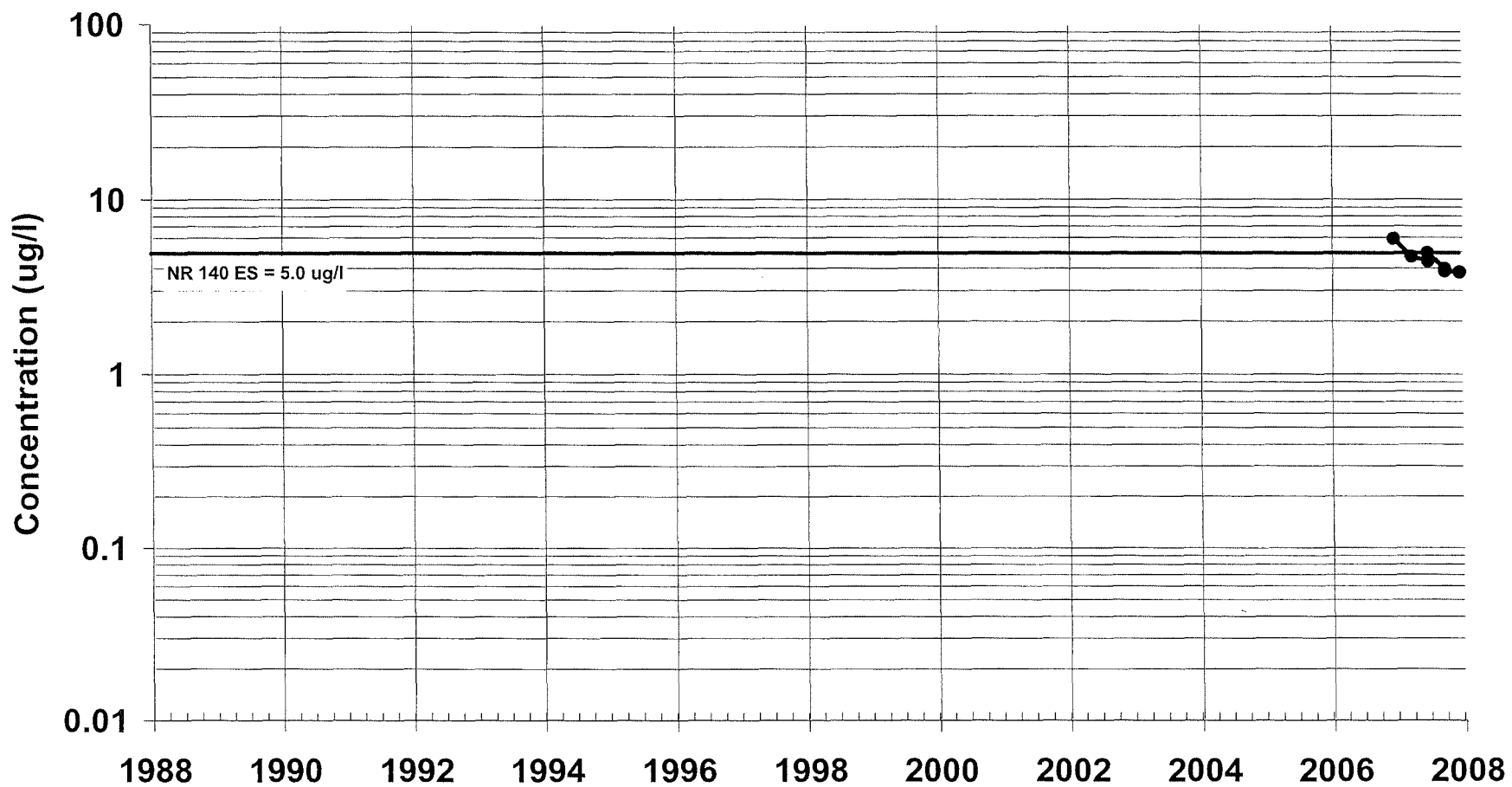
Benzene Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-26C

Benzene Concentration

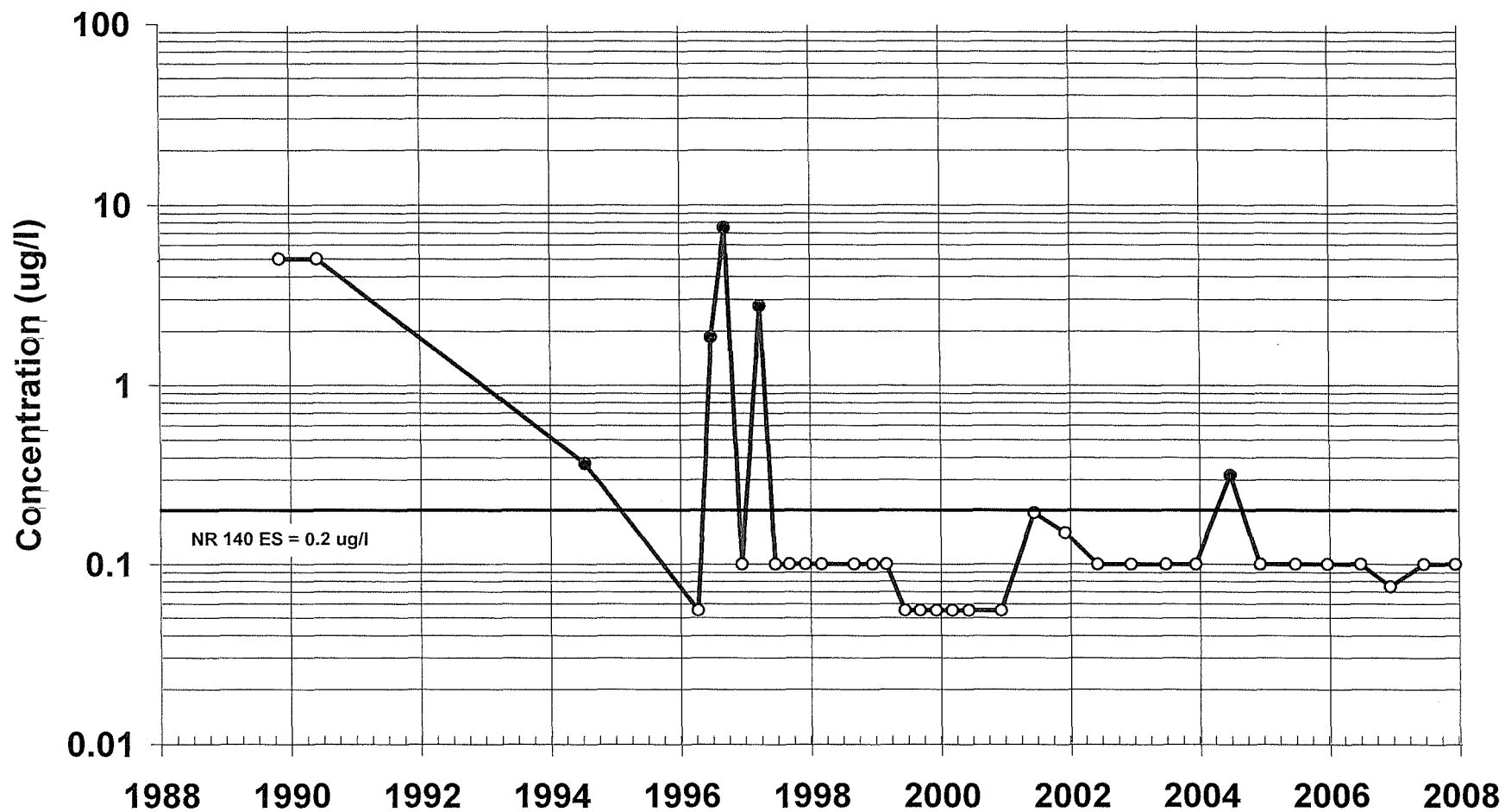


Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

Appendix I

MW-4B

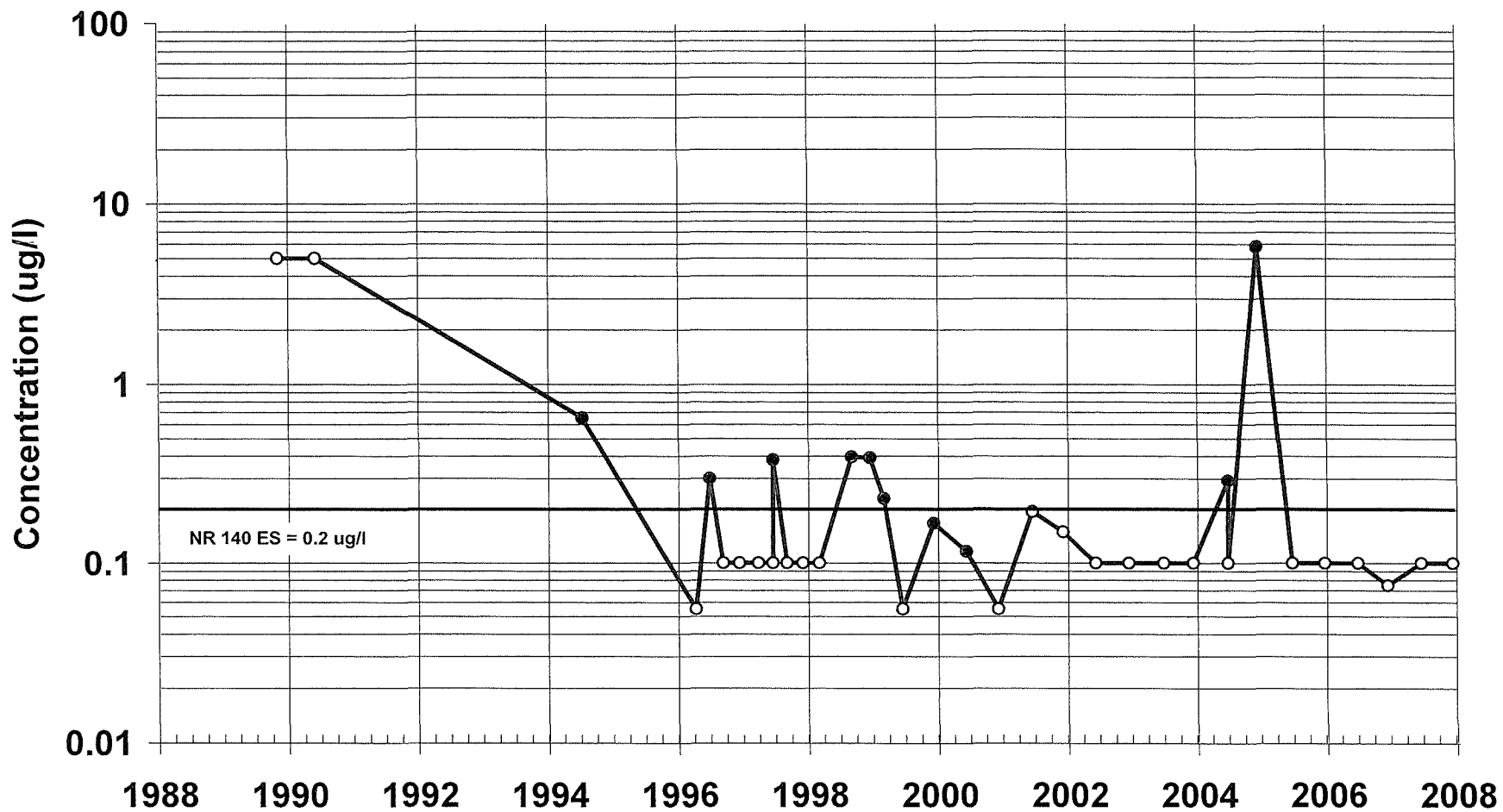
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-8B

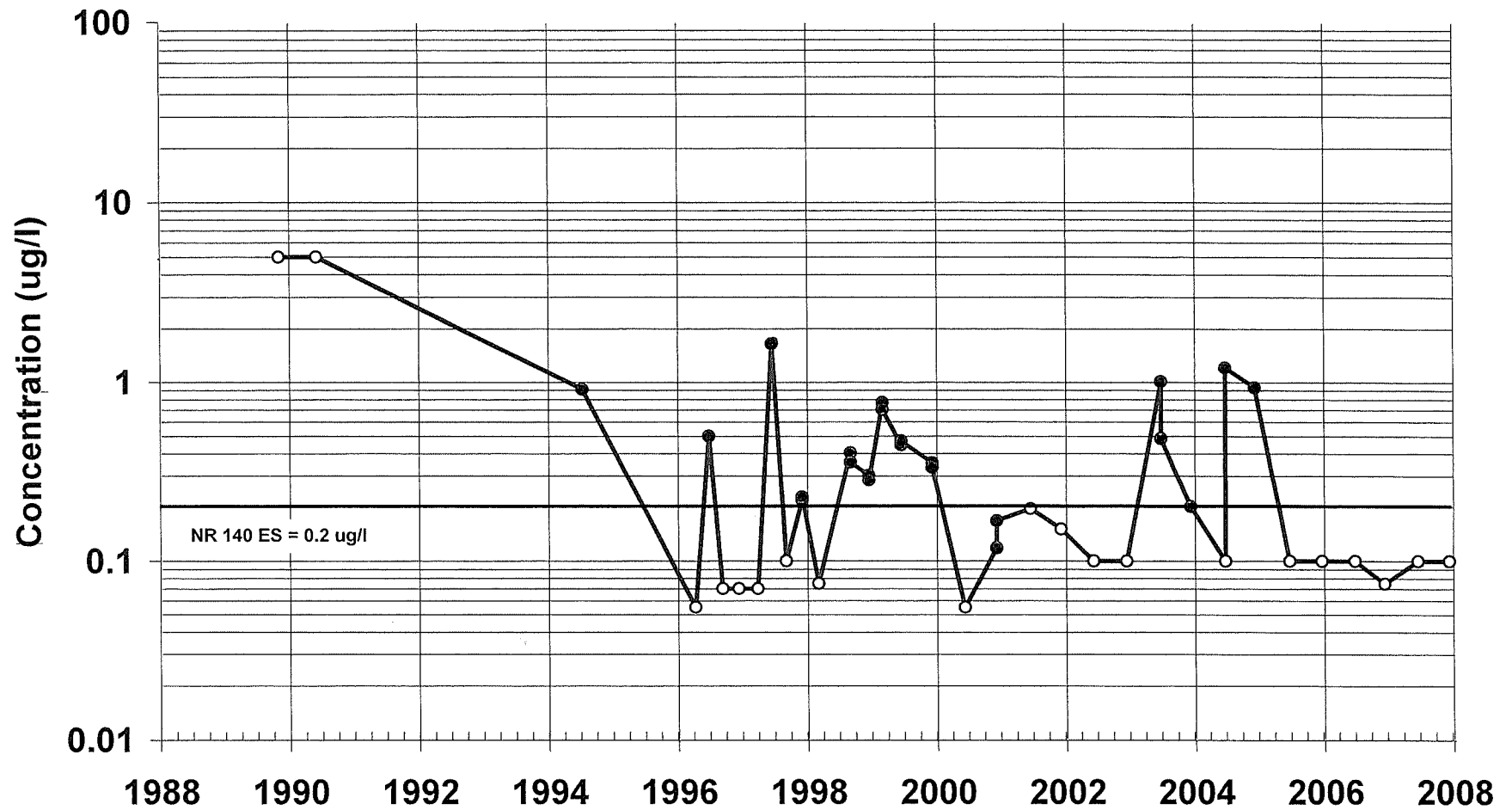
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-8C

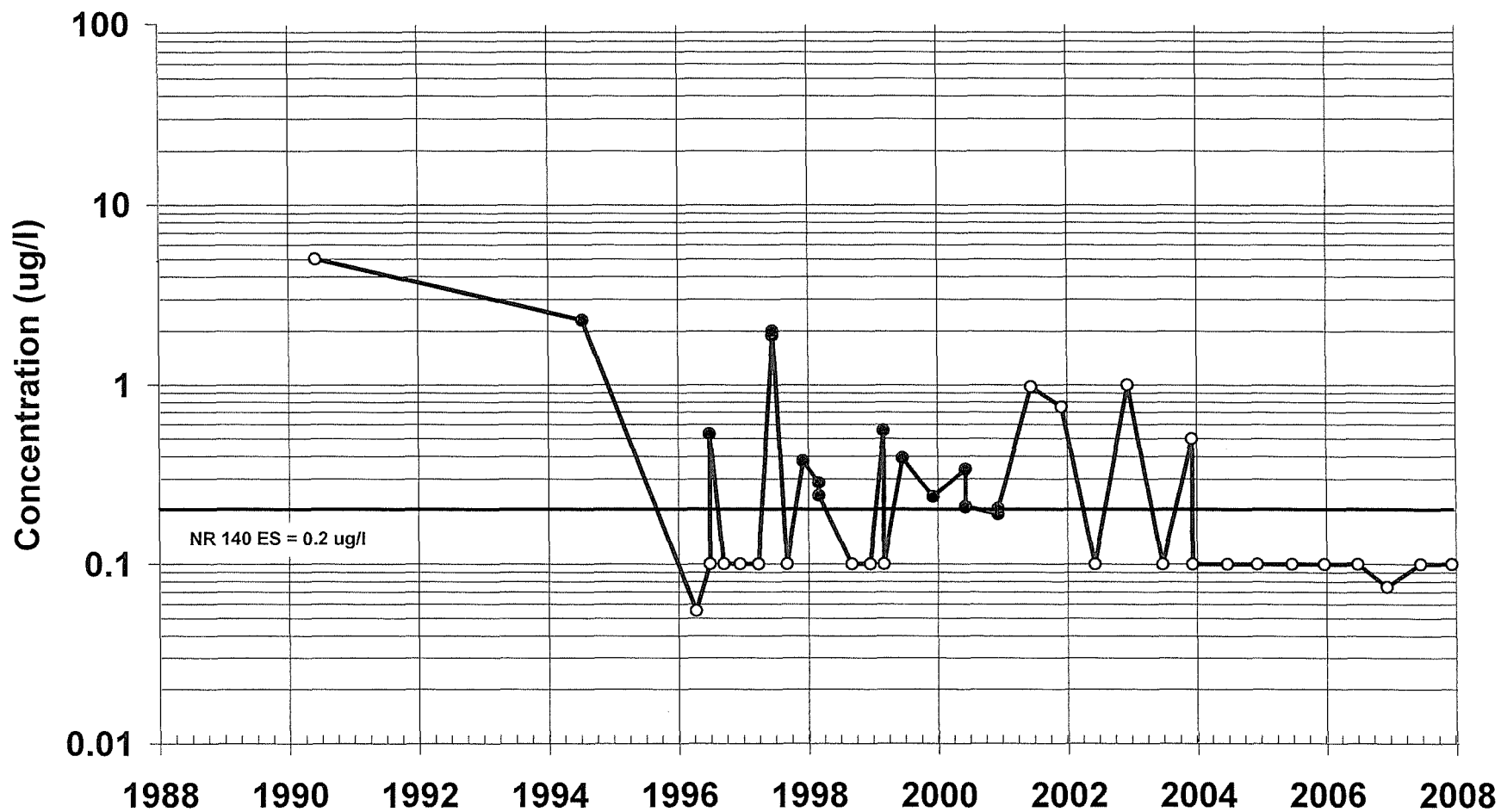
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-11C

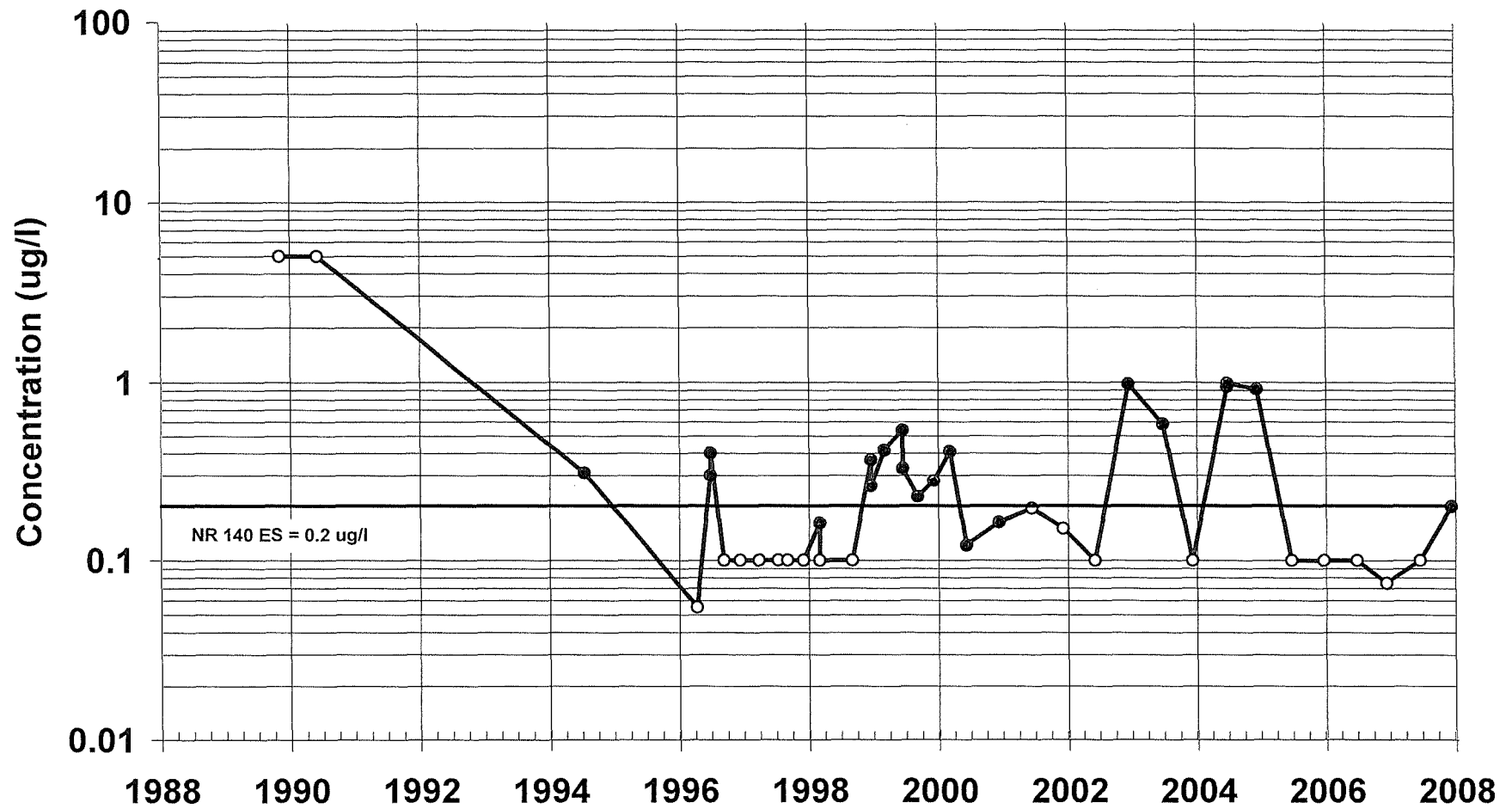
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-12B

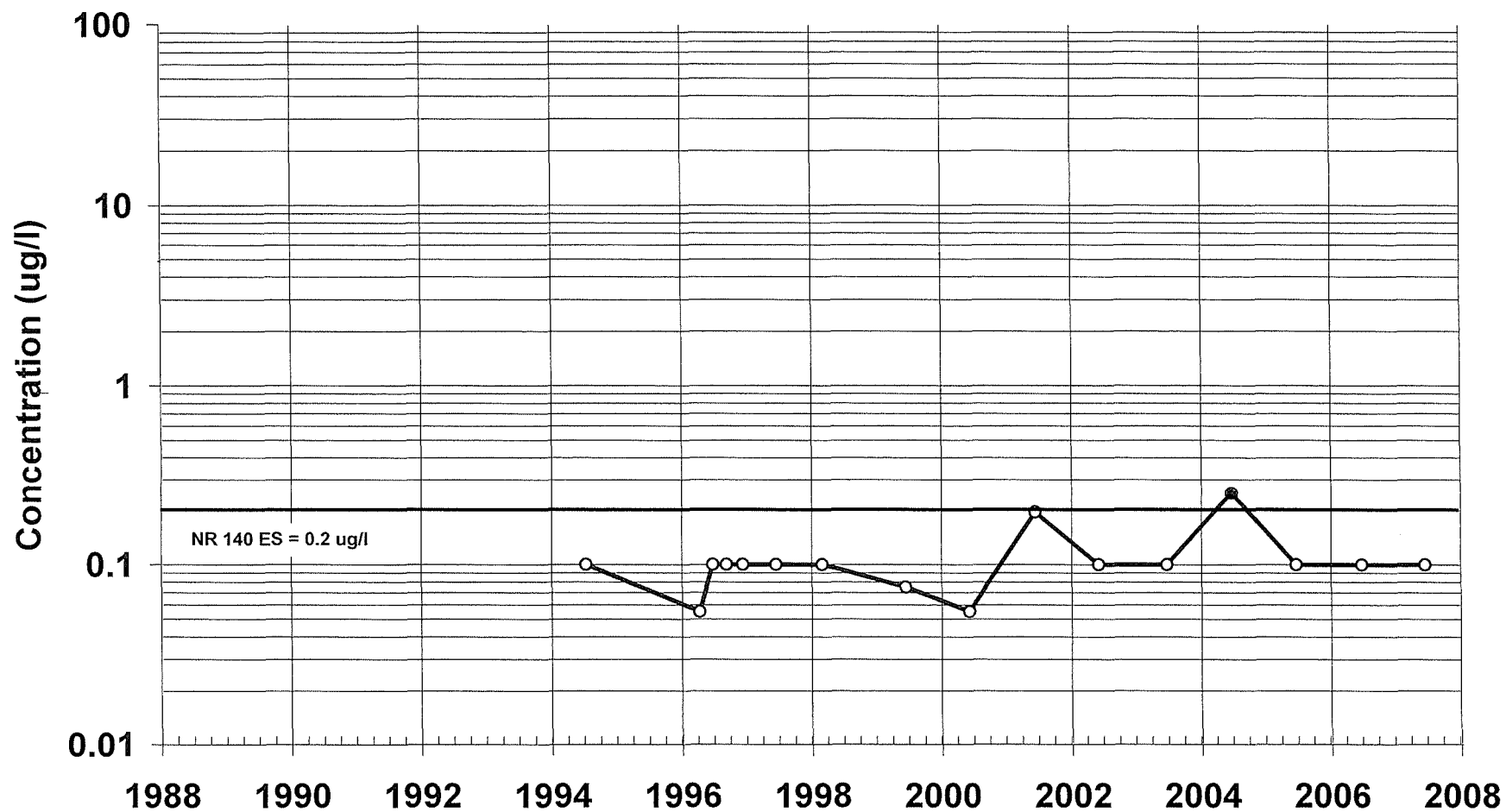
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-16BR

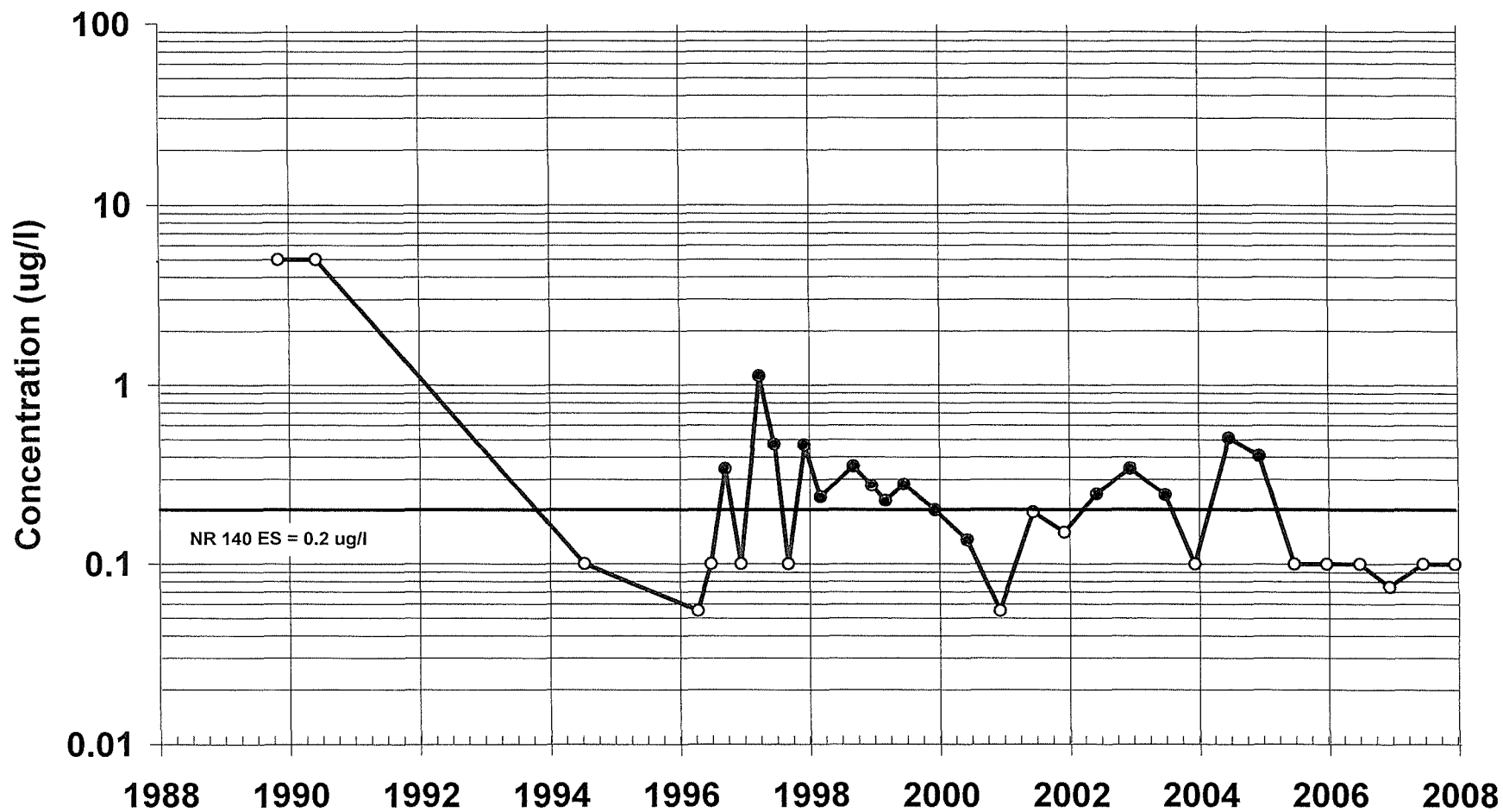
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-19A

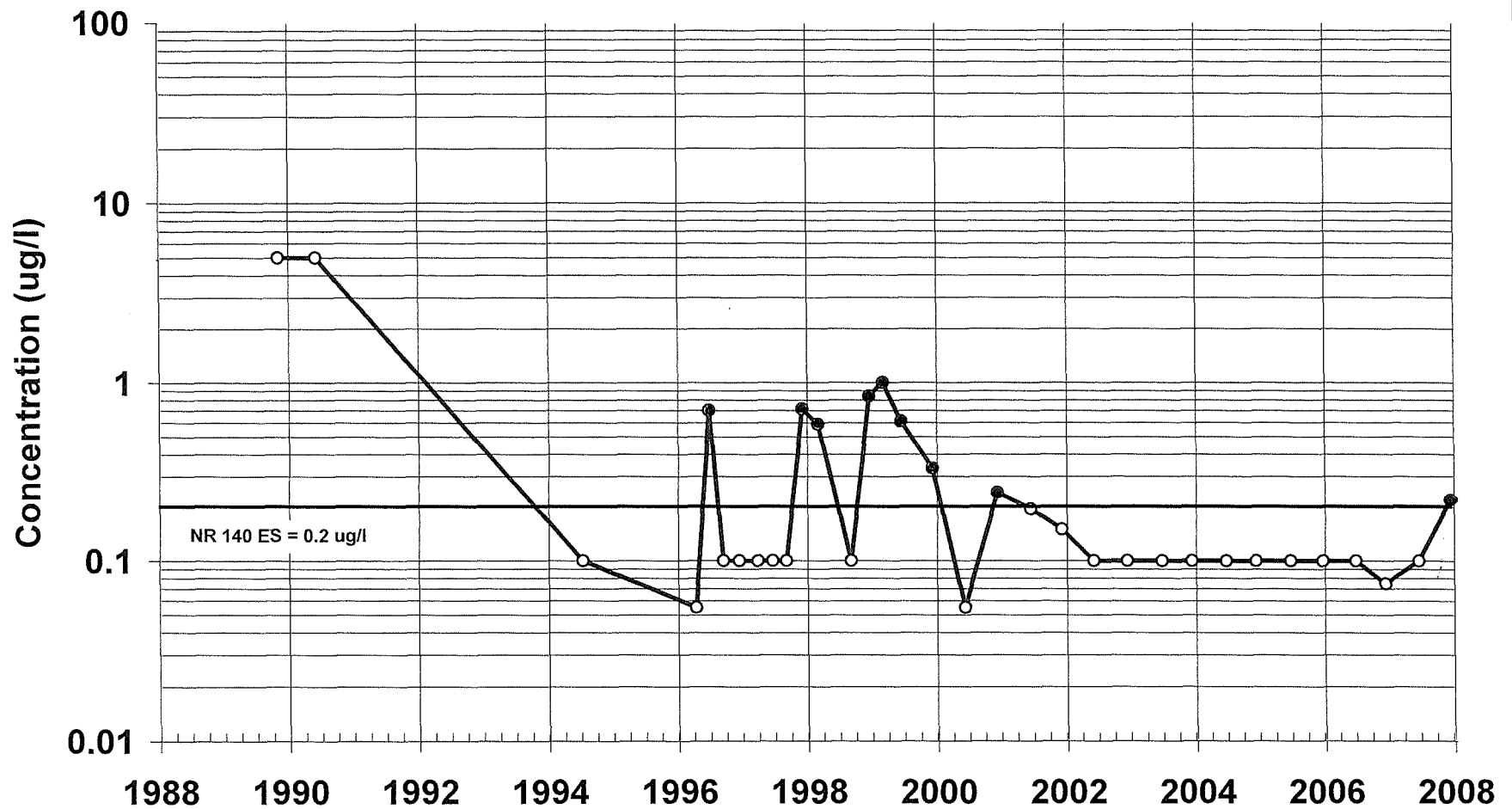
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-22B

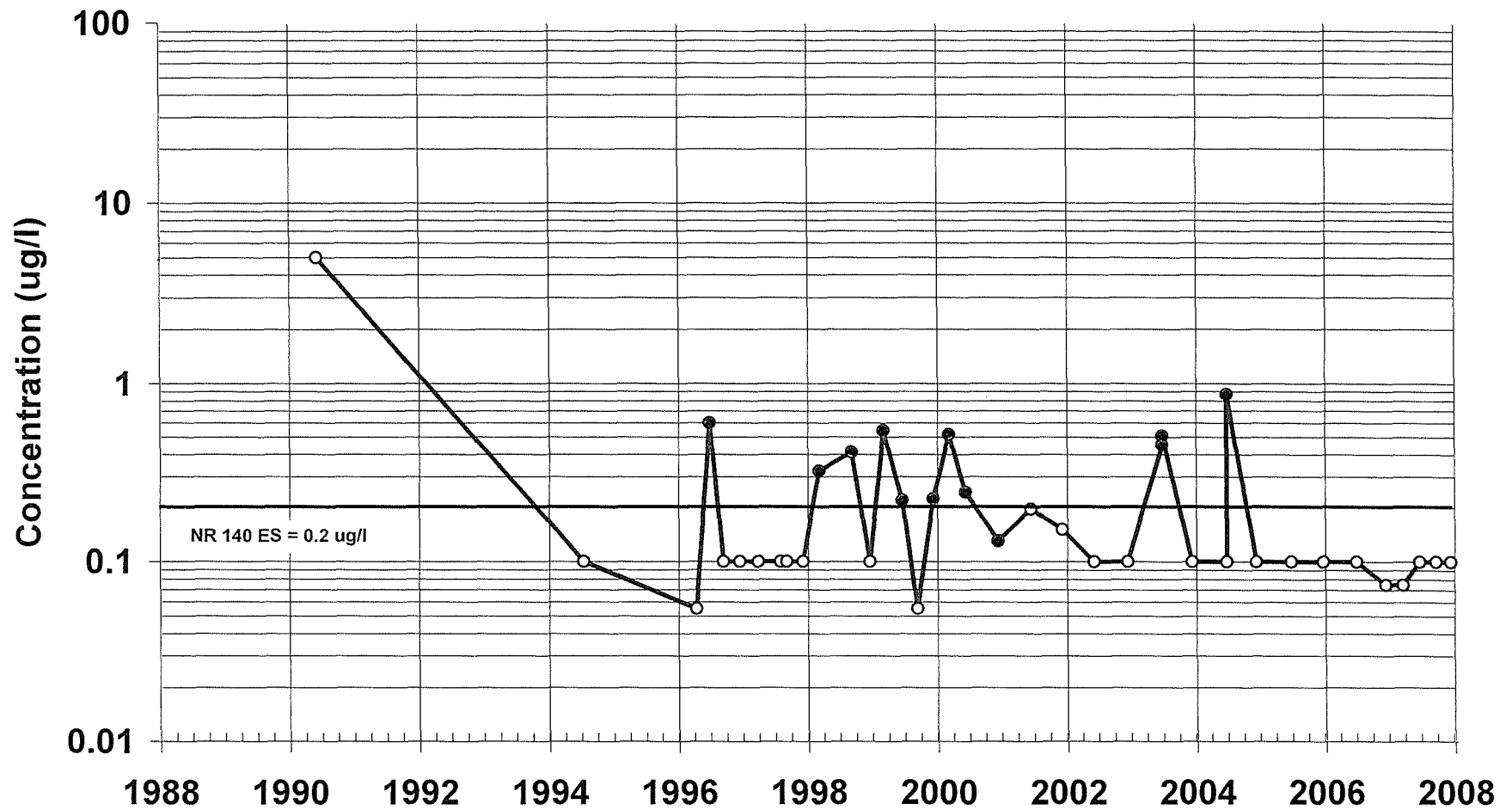
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-24C

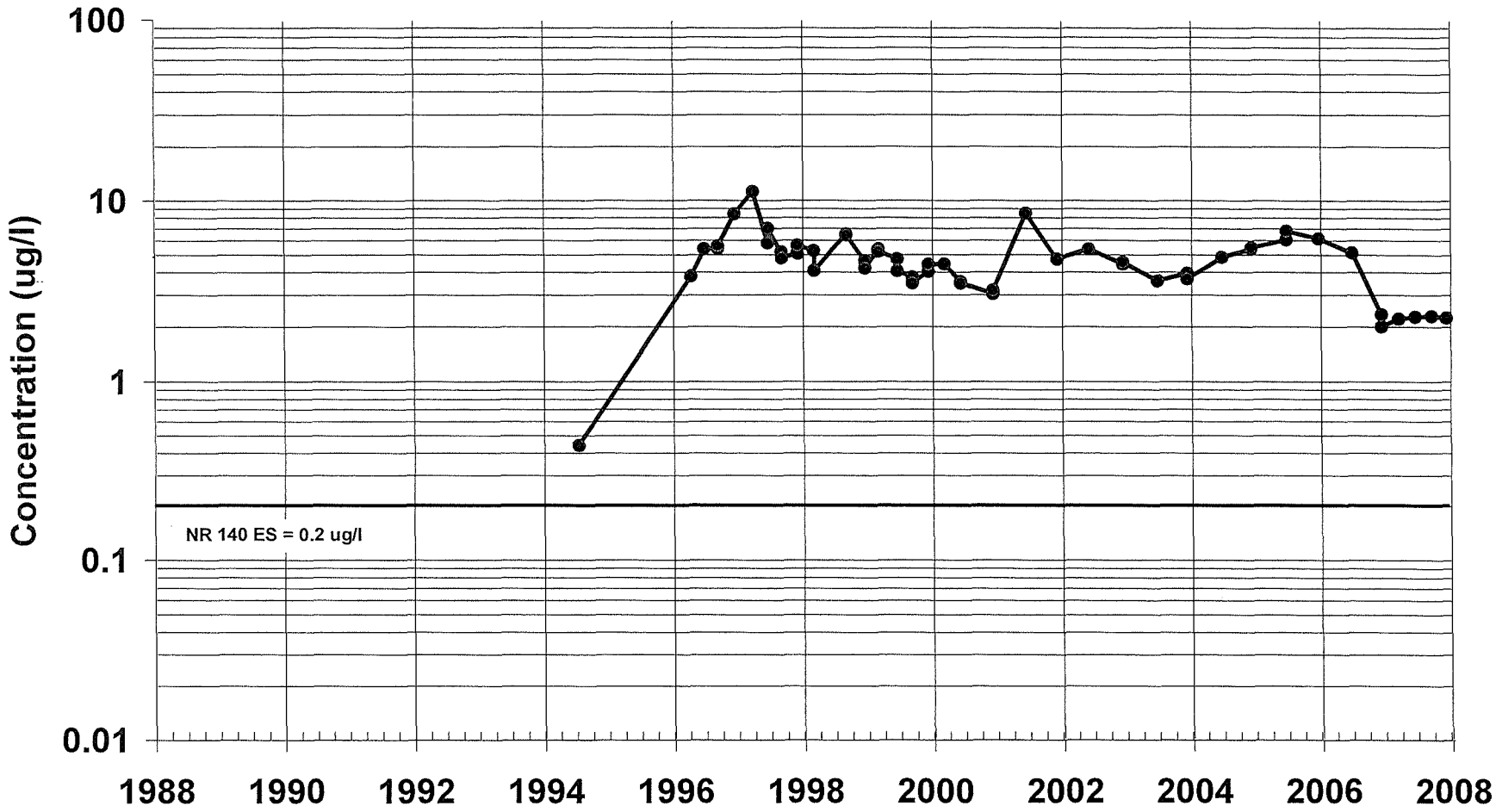
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-24D

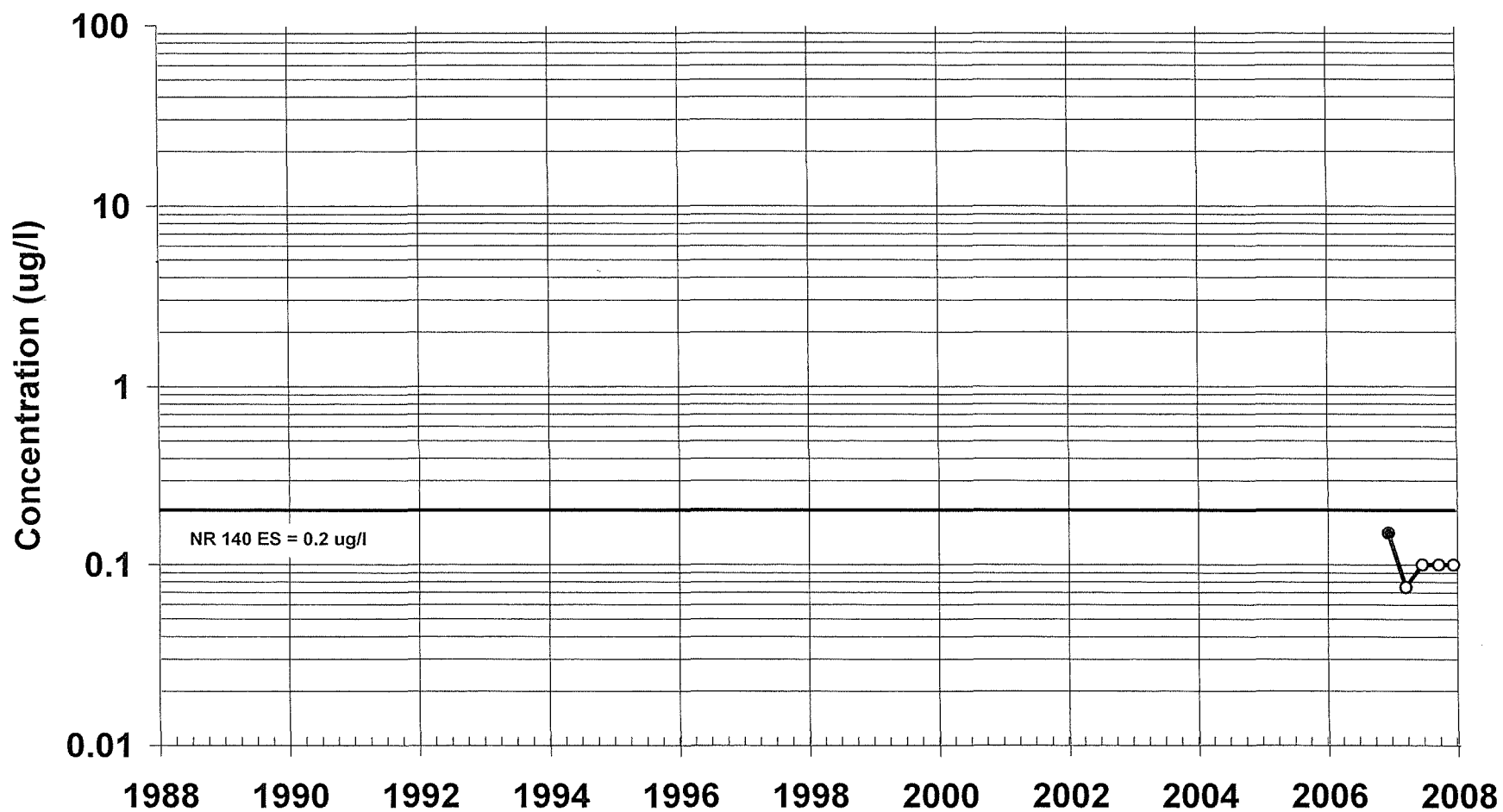
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

MW-26C

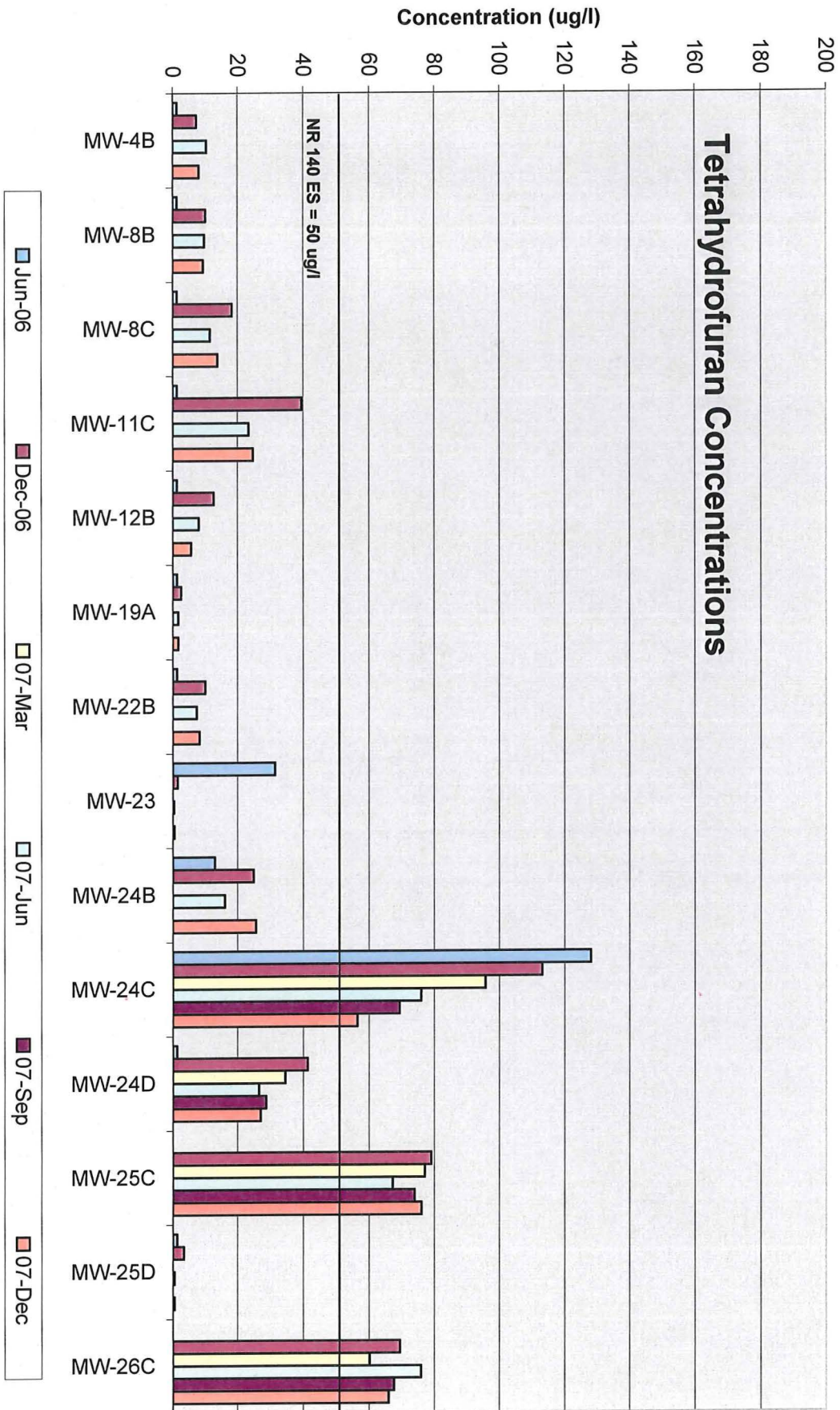
Vinyl Chloride Concentration



Open circle indicates that compound was not detected. Non-detected data displayed at one-half reporting limit.

Appendix J

Tetrahydrofuran Concentrations



Appendix K

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34668	Dichlorodifluoromethane	0.57	0.3	UG/L	1000	200	100	MW-1	Jun-07
34461	Phenanthrene	733	556	UG/L			104	MW-3R	Jun-07
34696	Naphthalene	69.3	50	UG/L	100	10	104	MW-3R	Jun-07
78113	Ethylbenzene	20	5	UG/L	700	140	104	MW-3R	Jun-07
81552	Acetone	10	6.5	UG/L	1000	200	106	MW-4AR	Dec-07
81552	Acetone	9.82	6.5	UG/L	1000	200	106	MW-4AR	Dec-07
1000	Arsenic, Dissolved	3.04	0.6	UG/L	10	1	107	MW-4B	Jun-07
34030	Benzene (GC-MS)	1.74	0.2	UG/L	5	0.5	107	MW-4B	Dec-07
34030	Benzene (GC-MS)	1.91	0.2	UG/L	5	0.5	107	MW-4B	Jun-07
34301	Chlorobenzene	1.88	0.1	UG/L	100	20	107	MW-4B	Dec-07
34301	Chlorobenzene	2.02	0.1	UG/L	100	20	107	MW-4B	Jun-07
34571	1,4-Dichlorobenzene	0.98	0.8	UG/L	75	15	107	MW-4B	Jun-07
34571	1,4-Dichlorobenzene	0.98	0.8	UG/L	75	15	107	MW-4B	Dec-07
81552	Acetone	11.1	6.5	UG/L	1000	200	107	MW-4B	Dec-07
81607	Tetrahydrofuran	8.06	1	UG/L	50	10	107	MW-4B	Dec-07
81607	Tetrahydrofuran	10.4	0.7	UG/L	50	10	107	MW-4B	Jun-07
1000	Arsenic, Dissolved	7.92	0.6	UG/L	10	1	111	MW-8B	Jun-07
34030	Benzene (GC-MS)	3.85	0.2	UG/L	5	0.5	111	MW-8B	Dec-07
34030	Benzene (GC-MS)	2.7	0.2	UG/L	5	0.5	111	MW-8B	Jun-07
34301	Chlorobenzene	2.48	0.1	UG/L	100	20	111	MW-8B	Jun-07
34301	Chlorobenzene	3.61	0.1	UG/L	100	20	111	MW-8B	Dec-07
34311	Chloroethane	1.1	0.6	UG/L	400	80	111	MW-8B	Jun-07
34311	Chloroethane	0.83	0.6	UG/L	400	80	111	MW-8B	Dec-07
34571	1,4-Dichlorobenzene	1.67	0.8	UG/L	75	15	111	MW-8B	Dec-07
34571	1,4-Dichlorobenzene	1.28	0.8	UG/L	75	15	111	MW-8B	Jun-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	111	MW-8B	Jun-07
81552	Acetone	9.47	6.5	UG/L	1000	200	111	MW-8B	Dec-07
81607	Tetrahydrofuran	9.74	0.7	UG/L	50	10	111	MW-8B	Jun-07
81607	Tetrahydrofuran	9.35	1	UG/L	50	10	111	MW-8B	Dec-07
85795	m&p-Xylene	0.52	0.4	UG/L	10000	1000	111	MW-8B	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
1000	Arsenic, Dissolved	2.54	0.6	UG/L	10	1	112	MW-8C	Jun-07
34030	Benzene (GC-MS)	6.87	0.2	UG/L	5	0.5	112	MW-8C	Jun-07
34030	Benzene (GC-MS)	9.41	0.2	UG/L	5	0.5	112	MW-8C	Dec-07
34301	Chlorobenzene	8.78	0.1	UG/L	100	20	112	MW-8C	Dec-07
34301	Chlorobenzene	6.26	0.1	UG/L	100	20	112	MW-8C	Jun-07
34311	Chloroethane	0.93	0.6	UG/L	400	80	112	MW-8C	Jun-07
34311	Chloroethane	0.87	0.6	UG/L	400	80	112	MW-8C	Dec-07
34496	1,1-Dichloroethane	0.46	0.2	UG/L	850	85	112	MW-8C	Dec-07
34496	1,1-Dichloroethane	0.34	0.2	UG/L	850	85	112	MW-8C	Jun-07
34571	1,4-Dichlorobenzene	3.36	0.8	UG/L	75	15	112	MW-8C	Dec-07
34571	1,4-Dichlorobenzene	2.66	0.8	UG/L	75	15	112	MW-8C	Jun-07
34696	Naphthalene	1.04	1	UG/L	100	10	112	MW-8C	Dec-07
76994	Methane	5020	36	UG/L			112	MW-8C	Dec-07
76994	Methane	5210	45	UG/L			112	MW-8C	Jun-07
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	112	MW-8C	Dec-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	112	MW-8C	Jun-07
81552	Acetone	8.23	6.5	UG/L	1000	200	112	MW-8C	Dec-07
81607	Tetrahydrofuran	13.8	1	UG/L	50	10	112	MW-8C	Dec-07
81607	Tetrahydrofuran	11.5	0.7	UG/L	50	10	112	MW-8C	Jun-07
85795	m&p-Xylene	0.44	0.4	UG/L	10000	1000	112	MW-8C	Dec-07
85795	m&p-Xylene	0.86	0.4	UG/L	10000	1000	112	MW-8C	Jun-07
81552	Acetone	9.48	6.5	UG/L	1000	200	115	MW-11B	Dec-07
34030	Benzene (GC-MS)	2.88	0.2	UG/L	5	0.5	116	MW-11C	Jun-07
34030	Benzene (GC-MS)	3.15	0.2	UG/L	5	0.5	116	MW-11C	Dec-07
34301	Chlorobenzene	3.42	0.1	UG/L	100	20	116	MW-11C	Jun-07
34301	Chlorobenzene	3.88	0.1	UG/L	100	20	116	MW-11C	Dec-07
34571	1,4-Dichlorobenzene	1.44	0.8	UG/L	75	15	116	MW-11C	Jun-07
34571	1,4-Dichlorobenzene	1.68	0.8	UG/L	75	15	116	MW-11C	Dec-07
76994	Methane	529	9	UG/L			116	MW-11C	Jun-07
81552	Acetone	8.89	6.5	UG/L	1000	200	116	MW-11C	Dec-07
81607	Tetrahydrofuran	24.7	1	UG/L	50	10	116	MW-11C	Dec-07
81607	Tetrahydrofuran	23.3	1	UG/L	50	10	116	MW-11C	Jun-07
34418	Chloromethane	0.34	0.3	UG/L	3	0.3	144	MW-11D	Jun-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34301	Chlorobenzene	0.53	0.1	UG/L	100	20	117	MW-12A	Jun-07
81607	Tetrahydrofuran	0.84	0.7	UG/L	50	10	117	MW-12A	Jun-07
1000	Arsenic, Dissolved	4.12	0.6	UG/L	10	1	118	MW-12B	Jun-07
1000	Arsenic, Dissolved	4.06	0.6	UG/L	10	1	118	MW-12B	Jun-07
34030	Benzene (GC-MS)	2.27	0.2	UG/L	5	0.5	118	MW-12B	Jun-07
34030	Benzene (GC-MS)	2.17	0.2	UG/L	5	0.5	118	MW-12B	Jun-07
34030	Benzene (GC-MS)	2.11	0.2	UG/L	5	0.5	118	MW-12B	Dec-07
34301	Chlorobenzene	3.55	0.1	UG/L	100	20	118	MW-12B	Dec-07
34301	Chlorobenzene	3.75	0.1	UG/L	100	20	118	MW-12B	Jun-07
34301	Chlorobenzene	3.98	0.1	UG/L	100	20	118	MW-12B	Jun-07
34571	1,4-Dichlorobenzene	1.61	0.8	UG/L	75	15	118	MW-12B	Dec-07
34571	1,4-Dichlorobenzene	1.56	0.8	UG/L	75	15	118	MW-12B	Jun-07
34571	1,4-Dichlorobenzene	1.69	0.8	UG/L	75	15	118	MW-12B	Jun-07
39175	Vinyl Chloride	0.2	0.2	UG/L	0.2	0.02	118	MW-12B	Dec-07
76994	Methane	1040	18	UG/L			118	MW-12B	Jun-07
76994	Methane	1060	18	UG/L			118	MW-12B	Jun-07
76994	Methane	587	3.6	UG/L			118	MW-12B	Dec-07
81552	Acetone	7.91	6.5	UG/L	1000	200	118	MW-12B	Dec-07
81607	Tetrahydrofuran	5.6	1	UG/L	50	10	118	MW-12B	Dec-07
81607	Tetrahydrofuran	7.46	0.7	UG/L	50	10	118	MW-12B	Jun-07
81607	Tetrahydrofuran	8.01	0.7	UG/L	50	10	118	MW-12B	Jun-07
32103	1,2-Dichloroethane	0.34	0.2	UG/L	5	0.5	130	MW-19A	Dec-07
34030	Benzene (GC-MS)	0.41	0.2	UG/L	5	0.5	130	MW-19A	Dec-07
34030	Benzene (GC-MS)	0.47	0.2	UG/L	5	0.5	130	MW-19A	Jun-07
34301	Chlorobenzene	0.37	0.1	UG/L	100	20	130	MW-19A	Dec-07
34418	Chloromethane	0.35	0.3	UG/L	3	0.3	130	MW-19A	Jun-07
76994	Methane	56.7	1.8	UG/L			130	MW-19A	Jun-07
76994	Methane	29.7	1.8	UG/L			130	MW-19A	Dec-07
77093	1,2-Dichloroethylene (cis)	0.36	0.2	UG/L	70	7	130	MW-19A	Jun-07
77093	1,2-Dichloroethylene (cis)	0.36	0.2	UG/L	70	7	130	MW-19A	Dec-07
81552	Acetone	12.6	6.5	UG/L	1000	200	130	MW-19A	Dec-07
81607	Tetrahydrofuran	1.7	1	UG/L	50	10	130	MW-19A	Dec-07
81607	Tetrahydrofuran	1.68	0.7	UG/L	50	10	130	MW-19A	Jun-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
1000	Arsenic, Dissolved	5.57	0.6	UG/L	10	1	133	MW-21A	Jun-07
81552	Acetone	6.74	6.5	UG/L	1000	200	133	MW-21A	Jun-07
1000	Arsenic, Dissolved	11.1	0.6	UG/L	10	1	137	MW-22B	Jun-07
1000	Arsenic, Dissolved	11	0.6	UG/L	10	1	137	MW-22B	Jun-07
32103	1,2-Dichloroethane	0.7	0.2	UG/L	5	0.5	137	MW-22B	Dec-07
34030	Benzene (GC-MS)	3.22	0.2	UG/L	5	0.5	137	MW-22B	Dec-07
34030	Benzene (GC-MS)	2.88	0.2	UG/L	5	0.5	137	MW-22B	Jun-07
34030	Benzene (GC-MS)	2.94	0.2	UG/L	5	0.5	137	MW-22B	Jun-07
34301	Chlorobenzene	7.4	0.1	UG/L	100	20	137	MW-22B	Jun-07
34301	Chlorobenzene	8.52	0.1	UG/L	100	20	137	MW-22B	Dec-07
34301	Chlorobenzene	7.63	0.1	UG/L	100	20	137	MW-22B	Jun-07
34311	Chloroethane	0.84	0.6	UG/L	400	80	137	MW-22B	Dec-07
34311	Chloroethane	0.69	0.6	UG/L	400	80	137	MW-22B	Jun-07
34496	1,1-Dichloroethane	0.21	0.2	UG/L	850	85	137	MW-22B	Dec-07
34496	1,1-Dichloroethane	0.22	0.2	UG/L	850	85	137	MW-22B	Jun-07
34496	1,1-Dichloroethane	0.22	0.2	UG/L	850	85	137	MW-22B	Jun-07
34541	1,2-Dichloropropane	0.23	0.2	UG/L	5	0.5	137	MW-22B	Jun-07
34541	1,2-Dichloropropane	0.29	0.2	UG/L	5	0.5	137	MW-22B	Dec-07
34541	1,2-Dichloropropane	0.25	0.2	UG/L	5	0.5	137	MW-22B	Jun-07
34571	1,4-Dichlorobenzene	2.68	0.8	UG/L	75	15	137	MW-22B	Dec-07
34571	1,4-Dichlorobenzene	2.39	0.8	UG/L	75	15	137	MW-22B	Jun-07
34571	1,4-Dichlorobenzene	2.55	0.8	UG/L	75	15	137	MW-22B	Jun-07
39175	Vinyl Chloride	0.22	0.2	UG/L	0.2	0.02	137	MW-22B	Dec-07
76994	Methane	1100	9	UG/L			137	MW-22B	Jun-07
76994	Methane	1070	9	UG/L			137	MW-22B	Jun-07
76994	Methane	768	7.2	UG/L			137	MW-22B	Dec-07
77093	1,2-Dichloroethylene (cis)	0.47	0.2	UG/L	70	7	137	MW-22B	Dec-07
77093	1,2-Dichloroethylene (cis)	0.31	0.2	UG/L	70	7	137	MW-22B	Jun-07
77093	1,2-Dichloroethylene (cis)	0.34	0.2	UG/L	70	7	137	MW-22B	Jun-07
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	137	MW-22B	Dec-07
81552	Acetone	11.6	6.5	UG/L	1000	200	137	MW-22B	Dec-07
81607	Tetrahydrofuran	7.4	0.7	UG/L	50	10	137	MW-22B	Jun-07
81607	Tetrahydrofuran	7.13	0.7	UG/L	50	10	137	MW-22B	Jun-07
81607	Tetrahydrofuran	8.25	1	UG/L	50	10	137	MW-22B	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34301	Chlorobenzene	0.12	0.1	UG/L	100	20	138	MW-23	Jun-07
34301	Chlorobenzene	0.66	0.1	UG/L	100	20	138	MW-23	Dec-07
76994	Methane	453	18	UG/L			138	MW-23	Jun-07
76994	Methane	1950	18	UG/L			138	MW-23	Dec-07
81552	Acetone	8.51	6.5	UG/L	1000	200	138	MW-23	Dec-07
1000	Arsenic, Dissolved	7.78	0.6	UG/L	10	1	140	MW-24B	Jun-07
34030	Benzene (GC-MS)	2.95	0.2	UG/L	5	0.5	140	MW-24B	Jun-07
34030	Benzene (GC-MS)	3.66	0.2	UG/L	5	0.5	140	MW-24B	Dec-07
34301	Chlorobenzene	2.83	0.1	UG/L	100	20	140	MW-24B	Jun-07
34301	Chlorobenzene	3.88	0.1	UG/L	100	20	140	MW-24B	Dec-07
34311	Chloroethane	1.16	0.6	UG/L	400	80	140	MW-24B	Jun-07
34311	Chloroethane	0.69	0.6	UG/L	400	80	140	MW-24B	Dec-07
34571	1,4-Dichlorobenzene	1.55	0.8	UG/L	75	15	140	MW-24B	Jun-07
34571	1,4-Dichlorobenzene	1.82	0.8	UG/L	75	15	140	MW-24B	Dec-07
76994	Methane	4910	90	UG/L			140	MW-24B	Jun-07
76994	Methane	1790	18	UG/L			140	MW-24B	Dec-07
81552	Acetone	6.8	6.5	UG/L	1000	200	140	MW-24B	Dec-07
81607	Tetrahydrofuran	16	0.7	UG/L	50	10	140	MW-24B	Jun-07
81607	Tetrahydrofuran	25.5	1	UG/L	50	10	140	MW-24B	Dec-07
1000	Arsenic, Dissolved	3.58	0.6	UG/L	10	1	141	MW-24C	Jun-07
34030	Benzene (GC-MS)	8.6	0.2	UG/L	5	0.5	141	MW-24C	Dec-07
34030	Benzene (GC-MS)	7.48	0.2	UG/L	5	0.5	141	MW-24C	Sep-07
34030	Benzene (GC-MS)	7.58	0.15	UG/L	5	0.5	141	MW-24C	Mar-07
34030	Benzene (GC-MS)	6.99	0.2	UG/L	5	0.5	141	MW-24C	Jun-07
34301	Chlorobenzene	7.17	0.1	UG/L	100	20	141	MW-24C	Dec-07
34301	Chlorobenzene	6.72	0.1	UG/L	100	20	141	MW-24C	Sep-07
34301	Chlorobenzene	6.78	0.1	UG/L	100	20	141	MW-24C	Mar-07
34301	Chlorobenzene	6.1	0.1	UG/L	100	20	141	MW-24C	Jun-07
34311	Chloroethane	0.67	0.6	UG/L	400	80	141	MW-24C	Dec-07
34311	Chloroethane	0.84	0.6	UG/L	400	80	141	MW-24C	Jun-07
34311	Chloroethane	0.73	0.6	UG/L	400	80	141	MW-24C	Sep-07
34496	1,1-Dichloroethane	0.24	0.2	UG/L	850	85	141	MW-24C	Sep-07
34496	1,1-Dichloroethane	0.21	0.2	UG/L	850	85	141	MW-24C	Jun-07
34496	1,1-Dichloroethane	0.16	0.15	UG/L	850	85	141	MW-24C	Mar-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34571	1,4-Dichlorobenzene	3.02	0.8	UG/L	75	15	141	MW-24C	Jun-07
34571	1,4-Dichlorobenzene	3.11	0.8	UG/L	75	15	141	MW-24C	Dec-07
34571	1,4-Dichlorobenzene	3.46	0.8	UG/L	75	15	141	MW-24C	Sep-07
34571	1,4-Dichlorobenzene	3.55	0.75	UG/L	75	15	141	MW-24C	Mar-07
34696	Naphthalene	6.24	1	UG/L	100	10	141	MW-24C	Mar-07
34696	Naphthalene	3.22	1	UG/L	100	10	141	MW-24C	Dec-07
34696	Naphthalene	3.61	1	UG/L	100	10	141	MW-24C	Jun-07
34696	Naphthalene	4.29	1	UG/L	100	10	141	MW-24C	Sep-07
76994	Methane	4370	36	UG/L			141	MW-24C	Dec-07
76994	Methane	6280	90	UG/L			141	MW-24C	Jun-07
76994	Methane	5780	90	UG/L			141	MW-24C	Mar-07
77135	o-Xylene	0.25	0.1	UG/L	10000	1000	141	MW-24C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.25	0.2	UG/L	60	12	141	MW-24C	Jun-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.24	0.1	UG/L	60	12	141	MW-24C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.24	0.2	UG/L	60	12	141	MW-24C	Sep-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.2	0.2	UG/L	60	12	141	MW-24C	Dec-07
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	141	MW-24C	Dec-07
78113	Ethylbenzene	0.23	0.1	UG/L	700	140	141	MW-24C	Mar-07
78113	Ethylbenzene	0.13	0.1	UG/L	700	140	141	MW-24C	Jun-07
81552	Acetone	8.21	6.5	UG/L	1000	200	141	MW-24C	Mar-07
81552	Acetone	7.86	6.5	UG/L	1000	200	141	MW-24C	Dec-07
81595	2-Butanone	3.97	2	UG/L	460	90	141	MW-24C	Mar-07
81607	Tetrahydrofuran	95.7	0.7	UG/L	50	10	141	MW-24C	Mar-07
81607	Tetrahydrofuran	75.9	0.7	UG/L	50	10	141	MW-24C	Jun-07
81607	Tetrahydrofuran	56.4	1	UG/L	50	10	141	MW-24C	Dec-07
81607	Tetrahydrofuran	69.2	1	UG/L	50	10	141	MW-24C	Sep-07
85795	m&p-Xylene	0.85	0.4	UG/L	10000	1000	141	MW-24C	Mar-07
32103	1,2-Dichloroethane	0.25	0.2	UG/L	5	0.5	142	MW-24D	Dec-07
32103	1,2-Dichloroethane	0.24	0.2	UG/L	5	0.5	142	MW-24D	Sep-07
34010	Toluene	0.5	0.4	UG/L	1000	200	142	MW-24D	Dec-07
34010	Toluene	0.46	0.4	UG/L	1000	200	142	MW-24D	Jun-07
34010	Toluene	0.46	0.4	UG/L	1000	200	142	MW-24D	Sep-07
34010	Toluene	0.55	0.4	UG/L	1000	200	142	MW-24D	Mar-07
34030	Benzene (GC-MS)	6.34	0.2	UG/L	5	0.5	142	MW-24D	Dec-07
34030	Benzene (GC-MS)	5.89	0.2	UG/L	5	0.5	142	MW-24D	Sep-07
34030	Benzene (GC-MS)	5.56	0.15	UG/L	5	0.5	142	MW-24D	Mar-07
34030	Benzene (GC-MS)	5.96	0.2	UG/L	5	0.5	142	MW-24D	Jun-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34301	Chlorobenzene	4.39	0.1	UG/L	100	20	142	MW-24D	Mar-07
34301	Chlorobenzene	5.02	0.1	UG/L	100	20	142	MW-24D	Dec-07
34301	Chlorobenzene	4.61	0.1	UG/L	100	20	142	MW-24D	Sep-07
34301	Chlorobenzene	4.36	0.1	UG/L	100	20	142	MW-24D	Jun-07
34311	Chloroethane	0.76	0.6	UG/L	400	80	142	MW-24D	Sep-07
34311	Chloroethane	0.78	0.6	UG/L	400	80	142	MW-24D	Dec-07
34311	Chloroethane	1.1	0.6	UG/L	400	80	142	MW-24D	Jun-07
34418	Chloromethane	0.32	0.3	UG/L	3	0.3	142	MW-24D	Jun-07
34423	Methylene Chloride	0.51	0.4	UG/L	5	0.5	142	MW-24D	Sep-07
34496	1,1-Dichloroethane	0.34	0.2	UG/L	850	85	142	MW-24D	Dec-07
34496	1,1-Dichloroethane	0.39	0.2	UG/L	850	85	142	MW-24D	Sep-07
34496	1,1-Dichloroethane	0.36	0.2	UG/L	850	85	142	MW-24D	Jun-07
34496	1,1-Dichloroethane	0.3	0.15	UG/L	850	85	142	MW-24D	Mar-07
34536	1,2-Dichlorobenzene	0.86	0.8	UG/L	600	60	142	MW-24D	Sep-07
34536	1,2-Dichlorobenzene	0.8	0.8	UG/L	600	60	142	MW-24D	Dec-07
34541	1,2-Dichloropropane	0.39	0.1	UG/L	5	0.5	142	MW-24D	Mar-07
34541	1,2-Dichloropropane	0.35	0.2	UG/L	5	0.5	142	MW-24D	Sep-07
34541	1,2-Dichloropropane	0.36	0.2	UG/L	5	0.5	142	MW-24D	Dec-07
34541	1,2-Dichloropropane	0.35	0.2	UG/L	5	0.5	142	MW-24D	Jun-07
34571	1,4-Dichlorobenzene	4.22	0.8	UG/L	75	15	142	MW-24D	Sep-07
34571	1,4-Dichlorobenzene	3.84	0.75	UG/L	75	15	142	MW-24D	Mar-07
34571	1,4-Dichlorobenzene	3.76	0.8	UG/L	75	15	142	MW-24D	Jun-07
34571	1,4-Dichlorobenzene	3.86	0.8	UG/L	75	15	142	MW-24D	Dec-07
34668	Dichlorodifluoromethane	0.44	0.3	UG/L	1000	200	142	MW-24D	Jun-07
34668	Dichlorodifluoromethane	0.5	0.3	UG/L	1000	200	142	MW-24D	Sep-07
34668	Dichlorodifluoromethane	0.8	0.3	UG/L	1000	200	142	MW-24D	Dec-07
34696	Naphthalene	1.06	1	UG/L	100	10	142	MW-24D	Mar-07
39175	Vinyl Chloride	2.22	0.15	UG/L	0.2	0.02	142	MW-24D	Mar-07
39175	Vinyl Chloride	2.25	0.2	UG/L	0.2	0.02	142	MW-24D	Dec-07
39175	Vinyl Chloride	2.3	0.2	UG/L	0.2	0.02	142	MW-24D	Sep-07
39175	Vinyl Chloride	2.27	0.2	UG/L	0.2	0.02	142	MW-24D	Jun-07
76994	Methane	61.4	1.8	UG/L			142	MW-24D	Jun-07
76994	Methane	53.8	1.8	UG/L			142	MW-24D	Dec-07
76994	Methane	63.2	1.8	UG/L			142	MW-24D	Mar-07
77093	1,2-Dichloroethylene (cis)	0.65	0.2	UG/L	70	7	142	MW-24D	Jun-07
77093	1,2-Dichloroethylene (cis)	0.64	0.2	UG/L	70	7	142	MW-24D	Mar-07
77093	1,2-Dichloroethylene (cis)	0.7	0.2	UG/L	70	7	142	MW-24D	Sep-07
77093	1,2-Dichloroethylene (cis)	0.68	0.2	UG/L	70	7	142	MW-24D	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
78032	Methyl Tert-Butyl Ether (MTBE)	0.21	0.2	UG/L	60	12	142	MW-24D	Sep-07
78113	Ethylbenzene	0.2	0.1	UG/L	700	140	142	MW-24D	Jun-07
78113	Ethylbenzene	0.17	0.1	UG/L	700	140	142	MW-24D	Dec-07
78113	Ethylbenzene	0.14	0.1	UG/L	700	140	142	MW-24D	Sep-07
78113	Ethylbenzene	0.18	0.1	UG/L	700	140	142	MW-24D	Mar-07
81552	Acetone	7.82	6.5	UG/L	1000	200	142	MW-24D	Dec-07
81607	Tetrahydrofuran	28.6	1	UG/L	50	10	142	MW-24D	Sep-07
81607	Tetrahydrofuran	27	1	UG/L	50	10	142	MW-24D	Dec-07
81607	Tetrahydrofuran	34.4	0.7	UG/L	50	10	142	MW-24D	Mar-07
81607	Tetrahydrofuran	26.5	0.7	UG/L	50	10	142	MW-24D	Jun-07
32103	1,2-Dichloroethane	0.22	0.2	UG/L	5	0.5	146	MW-25C	Sep-07
34010	Toluene	0.47	0.4	UG/L	1000	200	146	MW-25C	Mar-07
34030	Benzene (GC-MS)	11	0.15	UG/L	5	0.5	146	MW-25C	Mar-07
34030	Benzene (GC-MS)	11.2	0.2	UG/L	5	0.5	146	MW-25C	Sep-07
34030	Benzene (GC-MS)	12.7	0.2	UG/L	5	0.5	146	MW-25C	Dec-07
34030	Benzene (GC-MS)	10.6	0.15	UG/L	5	0.5	146	MW-25C	Mar-07
34030	Benzene (GC-MS)	12.8	0.2	UG/L	5	0.5	146	MW-25C	Dec-07
34030	Benzene (GC-MS)	9.81	0.2	UG/L	5	0.5	146	MW-25C	Jun-07
34301	Chlorobenzene	9.68	0.1	UG/L	100	20	146	MW-25C	Sep-07
34301	Chlorobenzene	8.97	0.1	UG/L	100	20	146	MW-25C	Mar-07
34301	Chlorobenzene	10.5	0.1	UG/L	100	20	146	MW-25C	Dec-07
34301	Chlorobenzene	10.9	0.1	UG/L	100	20	146	MW-25C	Dec-07
34301	Chlorobenzene	9.46	0.1	UG/L	100	20	146	MW-25C	Mar-07
34301	Chlorobenzene	8.12	0.1	UG/L	100	20	146	MW-25C	Jun-07
34536	1,2-Dichlorobenzene	0.86	0.8	UG/L	600	60	146	MW-25C	Dec-07
34536	1,2-Dichlorobenzene	0.93	0.8	UG/L	600	60	146	MW-25C	Sep-07
34536	1,2-Dichlorobenzene	0.89	0.8	UG/L	600	60	146	MW-25C	Dec-07
34541	1,2-Dichloropropane	0.15	0.1	UG/L	5	0.5	146	MW-25C	Mar-07
34541	1,2-Dichloropropane	0.15	0.1	UG/L	5	0.5	146	MW-25C	Mar-07
34571	1,4-Dichlorobenzene	3.8	0.8	UG/L	75	15	146	MW-25C	Dec-07
34571	1,4-Dichlorobenzene	3.07	0.8	UG/L	75	15	146	MW-25C	Jun-07
34571	1,4-Dichlorobenzene	3.7	0.8	UG/L	75	15	146	MW-25C	Dec-07
34571	1,4-Dichlorobenzene	3.55	0.75	UG/L	75	15	146	MW-25C	Mar-07
34571	1,4-Dichlorobenzene	3.96	0.8	UG/L	75	15	146	MW-25C	Sep-07
34668	Dichlorodifluoromethane	0.49	0.3	UG/L	1000	200	146	MW-25C	Dec-07
34668	Dichlorodifluoromethane	0.31	0.3	UG/L	1000	200	146	MW-25C	Sep-07
34668	Dichlorodifluoromethane	0.4	0.3	UG/L	1000	200	146	MW-25C	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
39175	Vinyl Chloride	0.24	0.15	UG/L	0.2	0.02	146	MW-25C	Mar-07
39175	Vinyl Chloride	0.29	0.2	UG/L	0.2	0.02	146	MW-25C	Dec-07
39175	Vinyl Chloride	0.2	0.15	UG/L	0.2	0.02	146	MW-25C	Mar-07
39175	Vinyl Chloride	0.38	0.2	UG/L	0.2	0.02	146	MW-25C	Sep-07
39175	Vinyl Chloride	0.27	0.2	UG/L	0.2	0.02	146	MW-25C	Jun-07
39175	Vinyl Chloride	0.31	0.2	UG/L	0.2	0.02	146	MW-25C	Dec-07
77135	o-Xylene	0.15	0.1	UG/L	10000	1000	146	MW-25C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.33	0.2	UG/L	60	12	146	MW-25C	Sep-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.31	0.1	UG/L	60	12	146	MW-25C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.27	0.2	UG/L	60	12	146	MW-25C	Dec-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.26	0.1	UG/L	60	12	146	MW-25C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.28	0.2	UG/L	60	12	146	MW-25C	Dec-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.29	0.2	UG/L	60	12	146	MW-25C	Jun-07
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	146	MW-25C	Jun-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	146	MW-25C	Sep-07
78113	Ethylbenzene	0.15	0.1	UG/L	700	140	146	MW-25C	Dec-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	146	MW-25C	Mar-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	146	MW-25C	Mar-07
78113	Ethylbenzene	0.14	0.1	UG/L	700	140	146	MW-25C	Dec-07
81552	Acetone	10.7	6.5	UG/L	1000	200	146	MW-25C	Dec-07
81552	Acetone	10.2	6.5	UG/L	1000	200	146	MW-25C	Dec-07
81607	Tetrahydrofuran	67.1	1	UG/L	50	10	146	MW-25C	Jun-07
81607	Tetrahydrofuran	72	1	UG/L	50	10	146	MW-25C	Dec-07
81607	Tetrahydrofuran	73.5	0.7	UG/L	50	10	146	MW-25C	Mar-07
81607	Tetrahydrofuran	73.8	1	UG/L	50	10	146	MW-25C	Sep-07
81607	Tetrahydrofuran	77	0.7	UG/L	50	10	146	MW-25C	Mar-07
81607	Tetrahydrofuran	76	1	UG/L	50	10	146	MW-25C	Dec-07
85795	m&p-Xylene	0.49	0.4	UG/L	10000	1000	146	MW-25C	Dec-07
85795	m&p-Xylene	2.21	0.4	UG/L	10000	1000	146	MW-25C	Mar-07
85795	m&p-Xylene	0.68	0.4	UG/L	10000	1000	146	MW-25C	Jun-07
85795	m&p-Xylene	0.53	0.4	UG/L	10000	1000	146	MW-25C	Sep-07
85795	m&p-Xylene	0.51	0.4	UG/L	10000	1000	146	MW-25C	Dec-07
85795	m&p-Xylene	2.02	0.4	UG/L	10000	1000	146	MW-25C	Mar-07
81552	Acetone	9.88	6.5	UG/L	1000	200	145	MW-25D	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
32103	1,2-Dichloroethane	0.26	0.2	UG/L	5	0.5	147	MW-26C	Jun-07
34010	Toluene	0.74	0.4	UG/L	1000	200	147	MW-26C	Mar-07
34030	Benzene (GC-MS)	3.97	0.2	UG/L	5	0.5	147	MW-26C	Sep-07
34030	Benzene (GC-MS)	3.85	0.2	UG/L	5	0.5	147	MW-26C	Sep-07
34030	Benzene (GC-MS)	4.88	0.2	UG/L	5	0.5	147	MW-26C	Jun-07
34030	Benzene (GC-MS)	4.66	0.15	UG/L	5	0.5	147	MW-26C	Mar-07
34030	Benzene (GC-MS)	3.79	0.2	UG/L	5	0.5	147	MW-26C	Dec-07
34030	Benzene (GC-MS)	4.37	0.2	UG/L	5	0.5	147	MW-26C	Jun-07
34301	Chlorobenzene	3.65	0.1	UG/L	100	20	147	MW-26C	Dec-07
34301	Chlorobenzene	3.51	0.1	UG/L	100	20	147	MW-26C	Sep-07
34301	Chlorobenzene	3.26	0.1	UG/L	100	20	147	MW-26C	Jun-07
34301	Chlorobenzene	3.44	0.1	UG/L	100	20	147	MW-26C	Jun-07
34301	Chlorobenzene	3.28	0.1	UG/L	100	20	147	MW-26C	Sep-07
34301	Chlorobenzene	3.21	0.1	UG/L	100	20	147	MW-26C	Mar-07
34413	Bromomethane	2.12	1	UG/L	10	1	147	MW-26C	Sep-07
34418	Chloromethane	0.85	0.3	UG/L	3	0.3	147	MW-26C	Sep-07
34496	1,1-Dichloroethane	0.28	0.2	UG/L	850	85	147	MW-26C	Jun-07
34496	1,1-Dichloroethane	0.21	0.2	UG/L	850	85	147	MW-26C	Dec-07
34496	1,1-Dichloroethane	0.22	0.2	UG/L	850	85	147	MW-26C	Jun-07
34496	1,1-Dichloroethane	0.19	0.15	UG/L	850	85	147	MW-26C	Mar-07
34496	1,1-Dichloroethane	0.24	0.2	UG/L	850	85	147	MW-26C	Sep-07
34496	1,1-Dichloroethane	0.27	0.2	UG/L	850	85	147	MW-26C	Sep-07
34541	1,2-Dichloropropane	0.11	0.1	UG/L	5	0.5	147	MW-26C	Mar-07
34566	1,3-Dichlorobenzene	1.77	0.2	UG/L	1250	125	147	MW-26C	Sep-07
34571	1,4-Dichlorobenzene	1.8	0.8	UG/L	75	15	147	MW-26C	Dec-07
34571	1,4-Dichlorobenzene	1.92	0.8	UG/L	75	15	147	MW-26C	Sep-07
34571	1,4-Dichlorobenzene	1.7	0.8	UG/L	75	15	147	MW-26C	Sep-07
34571	1,4-Dichlorobenzene	1.88	0.8	UG/L	75	15	147	MW-26C	Jun-07
34571	1,4-Dichlorobenzene	1.7	0.8	UG/L	75	15	147	MW-26C	Jun-07
77041	Carbon Disulfide	0.2	0.2	UG/L	1000	200	147	MW-26C	Jun-07
77093	1,2-Dichloroethylene (cis)	0.21	0.2	UG/L	70	7	147	MW-26C	Sep-07
77093	1,2-Dichloroethylene (cis)	0.22	0.2	UG/L	70	7	147	MW-26C	Jun-07
77135	o-Xylene	0.14	0.1	UG/L	10000	1000	147	MW-26C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.22	0.2	UG/L	60	12	147	MW-26C	Sep-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.16	0.1	UG/L	60	12	147	MW-26C	Mar-07
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	147	MW-26C	Sep-07
78113	Ethylbenzene	0.12	0.1	UG/L	700	140	147	MW-26C	Jun-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	147	MW-26C	Dec-07
78113	Ethylbenzene	0.12	0.1	UG/L	700	140	147	MW-26C	Sep-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
81552	Acetone	8.86	6.5	UG/L	1000	200	147	MW-26C	Dec-07
81552	Acetone	9.58	6.5	UG/L	1000	200	147	MW-26C	Jun-07
81607	Tetrahydrofuran	75.8	0.7	UG/L	50	10	147	MW-26C	Jun-07
81607	Tetrahydrofuran	65.9	1	UG/L	50	10	147	MW-26C	Dec-07
81607	Tetrahydrofuran	60.1	0.7	UG/L	50	10	147	MW-26C	Mar-07
81607	Tetrahydrofuran	61.9	1	UG/L	50	10	147	MW-26C	Sep-07
81607	Tetrahydrofuran	63.7	1	UG/L	50	10	147	MW-26C	Jun-07
81607	Tetrahydrofuran	67.5	1	UG/L	50	10	147	MW-26C	Sep-07
85795	m&p-Xylene	0.42	0.4	UG/L	10000	1000	147	MW-26C	Jun-07
85795	m&p-Xylene	1.27	0.4	UG/L	10000	1000	147	MW-26C	Mar-07

Note: The following results are from the trap in the condensate dripleg (CD-1) which drains to the sanitary sewer and are not representative of groundwater.

34010	Toluene	11.6	0.4	UG/L	1000	200	301	CD-1	Mar-07
34010	Toluene	11.4	0.4	UG/L	1000	200	301	CD-1	Jun-07
34030	Benzene (GC-MS)	3.78	0.15	UG/L	5	0.5	301	CD-1	Mar-07
34030	Benzene (GC-MS)	3.35	0.2	UG/L	5	0.5	301	CD-1	Jun-07
34301	Chlorobenzene	9.1	0.1	UG/L	100	20	301	CD-1	Mar-07
34571	1,4-Dichlorobenzene	5.78	0.75	UG/L	75	15	301	CD-1	Mar-07
34696	Naphthalene	15.4	1	UG/L	100	10	301	CD-1	Mar-07
34696	Naphthalene	12.8	1	UG/L	100	10	301	CD-1	Jun-07
77135	o-Xylene	18.5	0.1	UG/L	10000	1000	301	CD-1	Mar-07
77135	o-Xylene	14.5	0.2	UG/L	10000	1000	301	CD-1	Jun-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.25	0.1	UG/L	60	12	301	CD-1	Mar-07
78113	Ethylbenzene	45.9	0.1	UG/L	700	140	301	CD-1	Mar-07
78113	Ethylbenzene	35.4	0.1	UG/L	700	140	301	CD-1	Jun-07
81552	Acetone	168	6.5	UG/L	1000	200	301	CD-1	Mar-07
81552	Acetone	97.4	6.5	UG/L	1000	200	301	CD-1	Jun-07
81595	2-Butanone	114	2	UG/L	460	90	301	CD-1	Mar-07
81595	2-Butanone	89.7	2	UG/L	460	90	301	CD-1	Jun-07
81607	Tetrahydrofuran	129	1	UG/L	50	10	301	CD-1	Jun-07
81607	Tetrahydrofuran	185	0.7	UG/L	50	10	301	CD-1	Mar-07
85795	m&p-Xylene	111	0.4	UG/L	10000	1000	301	CD-1	Mar-07
85795	m&p-Xylene	75.3	0.4	UG/L	10000	1000	301	CD-1	Jun-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Well**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
32106	Chloroform	4.36	0.2	UG/L	6	0.6	997	Field Blank	Dec-07
32106	Chloroform	4.29	0.2	UG/L	6	0.6	997	Field Blank	Dec-07
34413	Bromomethane	1.58	1	UG/L	10	1	997	Field Blank	Sep-07
34423	Methylene Chloride	1.47	0.4	UG/L	5	0.5	997	Field Blank	Jun-07
34423	Methylene Chloride	1.54	0.4	UG/L	5	0.5	997	Field Blank	Jun-07
81552	Acetone	7.12	6.5	UG/L	1000	200	997	Field Blank	Jun-07
81552	Acetone	7.62	6.5	UG/L	1000	200	997	Field Blank	Jun-07
81552	Acetone	11.9	6.5	UG/L	1000	200	997	Field Blank	Dec-07
81552	Acetone	12.9	6.5	UG/L	1000	200	997	Field Blank	Dec-07
81595	2-Butanone	158	2	UG/L	460	90	997	Field Blank	Jun-07
81595	2-Butanone	124	2	UG/L	460	90	997	Field Blank	Sep-07
81595	2-Butanone	15.9	2	UG/L	460	90	997	Field Blank	Mar-07
81607	Tetrahydrofuran	0.83	0.7	UG/L	50	10	997	Field Blank	Mar-07
81607	Tetrahydrofuran	0.7	0.7	UG/L	50	10	997	Field Blank	Jun-07

Appendix L

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
1000	Arsenic, Dissolved	3.04	0.6	UG/L	10	1	107	MW-4B	Jun-07
1000	Arsenic, Dissolved	7.92	0.6	UG/L	10	1	111	MW-8B	Jun-07
1000	Arsenic, Dissolved	2.54	0.6	UG/L	10	1	112	MW-8C	Jun-07
1000	Arsenic, Dissolved	4.12	0.6	UG/L	10	1	118	MW-12B	Jun-07
1000	Arsenic, Dissolved	4.06	0.6	UG/L	10	1	118	MW-12B	Jun-07
1000	Arsenic, Dissolved	5.57	0.6	UG/L	10	1	133	MW-21A	Jun-07
1000	Arsenic, Dissolved	11.1	0.6	UG/L	10	1	137	MW-22B	Jun-07
1000	Arsenic, Dissolved	11	0.6	UG/L	10	1	137	MW-22B	Jun-07
1000	Arsenic, Dissolved	7.78	0.6	UG/L	10	1	140	MW-24B	Jun-07
1000	Arsenic, Dissolved	3.58	0.6	UG/L	10	1	141	MW-24C	Jun-07
32103	1,2-Dichloroethane	0.34	0.2	UG/L	5	0.5	130	MW-19A	Dec-07
32103	1,2-Dichloroethane	0.7	0.2	UG/L	5	0.5	137	MW-22B	Dec-07
32103	1,2-Dichloroethane	0.25	0.2	UG/L	5	0.5	142	MW-24D	Dec-07
32103	1,2-Dichloroethane	0.24	0.2	UG/L	5	0.5	142	MW-24D	Sep-07
32103	1,2-Dichloroethane	0.22	0.2	UG/L	5	0.5	146	MW-25C	Sep-07
32103	1,2-Dichloroethane	0.26	0.2	UG/L	5	0.5	147	MW-26C	Jun-07
32106	Chloroform	4.36	0.2	UG/L	6	0.6	997	Field Blank	Dec-07
32106	Chloroform	4.29	0.2	UG/L	6	0.6	997	Field Blank	Dec-07
34010	Toluene	0.5	0.4	UG/L	1000	200	142	MW-24D	Dec-07
34010	Toluene	0.46	0.4	UG/L	1000	200	142	MW-24D	Jun-07
34010	Toluene	0.46	0.4	UG/L	1000	200	142	MW-24D	Sep-07
34010	Toluene	0.55	0.4	UG/L	1000	200	142	MW-24D	Mar-07
34010	Toluene	0.47	0.4	UG/L	1000	200	146	MW-25C	Mar-07
34010	Toluene	0.74	0.4	UG/L	1000	200	147	MW-26C	Mar-07
34010	Toluene	11.6	0.4	UG/L	1000	200	301	CD-1	Mar-07
34010	Toluene	11.4	0.4	UG/L	1000	200	301	CD-1	Jun-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34030	Benzene (GC-MS)	1.74	0.2	UG/L	5	0.5	107	MW-4B	Dec-07
34030	Benzene (GC-MS)	1.91	0.2	UG/L	5	0.5	107	MW-4B	Jun-07
34030	Benzene (GC-MS)	3.85	0.2	UG/L	5	0.5	111	MW-8B	Dec-07
34030	Benzene (GC-MS)	2.7	0.2	UG/L	5	0.5	111	MW-8B	Jun-07
34030	Benzene (GC-MS)	6.87	0.2	UG/L	5	0.5	112	MW-8C	Jun-07
34030	Benzene (GC-MS)	9.41	0.2	UG/L	5	0.5	112	MW-8C	Dec-07
34030	Benzene (GC-MS)	2.88	0.2	UG/L	5	0.5	116	MW-11C	Jun-07
34030	Benzene (GC-MS)	3.15	0.2	UG/L	5	0.5	116	MW-11C	Dec-07
34030	Benzene (GC-MS)	2.27	0.2	UG/L	5	0.5	118	MW-12B	Jun-07
34030	Benzene (GC-MS)	2.17	0.2	UG/L	5	0.5	118	MW-12B	Jun-07
34030	Benzene (GC-MS)	2.11	0.2	UG/L	5	0.5	118	MW-12B	Dec-07
34030	Benzene (GC-MS)	0.41	0.2	UG/L	5	0.5	130	MW-19A	Dec-07
34030	Benzene (GC-MS)	0.47	0.2	UG/L	5	0.5	130	MW-19A	Jun-07
34030	Benzene (GC-MS)	3.22	0.2	UG/L	5	0.5	137	MW-22B	Dec-07
34030	Benzene (GC-MS)	2.88	0.2	UG/L	5	0.5	137	MW-22B	Jun-07
34030	Benzene (GC-MS)	2.94	0.2	UG/L	5	0.5	137	MW-22B	Jun-07
34030	Benzene (GC-MS)	2.95	0.2	UG/L	5	0.5	140	MW-24B	Jun-07
34030	Benzene (GC-MS)	3.66	0.2	UG/L	5	0.5	140	MW-24B	Dec-07
34030	Benzene (GC-MS)	8.6	0.2	UG/L	5	0.5	141	MW-24C	Dec-07
34030	Benzene (GC-MS)	7.48	0.2	UG/L	5	0.5	141	MW-24C	Sep-07
34030	Benzene (GC-MS)	7.58	0.15	UG/L	5	0.5	141	MW-24C	Mar-07
34030	Benzene (GC-MS)	6.99	0.2	UG/L	5	0.5	141	MW-24C	Jun-07
34030	Benzene (GC-MS)	6.34	0.2	UG/L	5	0.5	142	MW-24D	Dec-07
34030	Benzene (GC-MS)	5.89	0.2	UG/L	5	0.5	142	MW-24D	Sep-07
34030	Benzene (GC-MS)	5.56	0.15	UG/L	5	0.5	142	MW-24D	Mar-07
34030	Benzene (GC-MS)	5.96	0.2	UG/L	5	0.5	142	MW-24D	Jun-07
34030	Benzene (GC-MS)	11	0.15	UG/L	5	0.5	146	MW-25C	Mar-07
34030	Benzene (GC-MS)	11.2	0.2	UG/L	5	0.5	146	MW-25C	Sep-07
34030	Benzene (GC-MS)	12.7	0.2	UG/L	5	0.5	146	MW-25C	Dec-07
34030	Benzene (GC-MS)	10.6	0.15	UG/L	5	0.5	146	MW-25C	Mar-07
34030	Benzene (GC-MS)	12.8	0.2	UG/L	5	0.5	146	MW-25C	Dec-07
34030	Benzene (GC-MS)	9.81	0.2	UG/L	5	0.5	146	MW-25C	Jun-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34030	Benzene (GC-MS)	3.97	0.2	UG/L	5	0.5	147	MW-26C	Sep-07
34030	Benzene (GC-MS)	3.85	0.2	UG/L	5	0.5	147	MW-26C	Sep-07
34030	Benzene (GC-MS)	4.88	0.2	UG/L	5	0.5	147	MW-26C	Jun-07
34030	Benzene (GC-MS)	4.66	0.15	UG/L	5	0.5	147	MW-26C	Mar-07
34030	Benzene (GC-MS)	3.79	0.2	UG/L	5	0.5	147	MW-26C	Dec-07
34030	Benzene (GC-MS)	4.37	0.2	UG/L	5	0.5	147	MW-26C	Jun-07
34030	Benzene (GC-MS)	3.78	0.15	UG/L	5	0.5	301	CD-1	Mar-07
34030	Benzene (GC-MS)	3.35	0.2	UG/L	5	0.5	301	CD-1	Jun-07
34301	Chlorobenzene	1.88	0.1	UG/L	100	20	107	MW-4B	Dec-07
34301	Chlorobenzene	2.02	0.1	UG/L	100	20	107	MW-4B	Jun-07
34301	Chlorobenzene	2.48	0.1	UG/L	100	20	111	MW-8B	Jun-07
34301	Chlorobenzene	3.61	0.1	UG/L	100	20	111	MW-8B	Dec-07
34301	Chlorobenzene	8.78	0.1	UG/L	100	20	112	MW-8C	Dec-07
34301	Chlorobenzene	6.26	0.1	UG/L	100	20	112	MW-8C	Jun-07
34301	Chlorobenzene	3.42	0.1	UG/L	100	20	116	MW-11C	Jun-07
34301	Chlorobenzene	3.88	0.1	UG/L	100	20	116	MW-11C	Dec-07
34301	Chlorobenzene	0.53	0.1	UG/L	100	20	117	MW-12A	Jun-07
34301	Chlorobenzene	3.55	0.1	UG/L	100	20	118	MW-12B	Dec-07
34301	Chlorobenzene	3.75	0.1	UG/L	100	20	118	MW-12B	Jun-07
34301	Chlorobenzene	3.98	0.1	UG/L	100	20	118	MW-12B	Jun-07
34301	Chlorobenzene	0.37	0.1	UG/L	100	20	130	MW-19A	Dec-07
34301	Chlorobenzene	7.4	0.1	UG/L	100	20	137	MW-22B	Jun-07
34301	Chlorobenzene	8.52	0.1	UG/L	100	20	137	MW-22B	Dec-07
34301	Chlorobenzene	7.63	0.1	UG/L	100	20	137	MW-22B	Jun-07
34301	Chlorobenzene	0.12	0.1	UG/L	100	20	138	MW-23	Jun-07
34301	Chlorobenzene	0.66	0.1	UG/L	100	20	138	MW-23	Dec-07
34301	Chlorobenzene	2.83	0.1	UG/L	100	20	140	MW-24B	Jun-07
34301	Chlorobenzene	3.88	0.1	UG/L	100	20	140	MW-24B	Dec-07
34301	Chlorobenzene	7.17	0.1	UG/L	100	20	141	MW-24C	Dec-07
34301	Chlorobenzene	6.72	0.1	UG/L	100	20	141	MW-24C	Sep-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34301	Chlorobenzene	6.78	0.1	UG/L	100	20	141	MW-24C	Mar-07
34301	Chlorobenzene	6.1	0.1	UG/L	100	20	141	MW-24C	Jun-07
34301	Chlorobenzene	4.39	0.1	UG/L	100	20	142	MW-24D	Mar-07
34301	Chlorobenzene	5.02	0.1	UG/L	100	20	142	MW-24D	Dec-07
34301	Chlorobenzene	4.61	0.1	UG/L	100	20	142	MW-24D	Sep-07
34301	Chlorobenzene	4.36	0.1	UG/L	100	20	142	MW-24D	Jun-07
34301	Chlorobenzene	9.68	0.1	UG/L	100	20	146	MW-25C	Sep-07
34301	Chlorobenzene	8.97	0.1	UG/L	100	20	146	MW-25C	Mar-07
34301	Chlorobenzene	10.5	0.1	UG/L	100	20	146	MW-25C	Dec-07
34301	Chlorobenzene	10.9	0.1	UG/L	100	20	146	MW-25C	Dec-07
34301	Chlorobenzene	9.46	0.1	UG/L	100	20	146	MW-25C	Mar-07
34301	Chlorobenzene	8.12	0.1	UG/L	100	20	146	MW-25C	Jun-07
34301	Chlorobenzene	3.65	0.1	UG/L	100	20	147	MW-26C	Dec-07
34301	Chlorobenzene	3.51	0.1	UG/L	100	20	147	MW-26C	Sep-07
34301	Chlorobenzene	3.26	0.1	UG/L	100	20	147	MW-26C	Jun-07
34301	Chlorobenzene	3.44	0.1	UG/L	100	20	147	MW-26C	Jun-07
34301	Chlorobenzene	3.28	0.1	UG/L	100	20	147	MW-26C	Sep-07
34301	Chlorobenzene	3.21	0.1	UG/L	100	20	147	MW-26C	Mar-07
34301	Chlorobenzene	9.1	0.1	UG/L	100	20	301	CD-1	Mar-07
34311	Chloroethane	1.1	0.6	UG/L	400	80	111	MW-8B	Jun-07
34311	Chloroethane	0.83	0.6	UG/L	400	80	111	MW-8B	Dec-07
34311	Chloroethane	0.93	0.6	UG/L	400	80	112	MW-8C	Jun-07
34311	Chloroethane	0.87	0.6	UG/L	400	80	112	MW-8C	Dec-07
34311	Chloroethane	0.84	0.6	UG/L	400	80	137	MW-22B	Dec-07
34311	Chloroethane	0.69	0.6	UG/L	400	80	137	MW-22B	Jun-07
34311	Chloroethane	1.16	0.6	UG/L	400	80	140	MW-24B	Jun-07
34311	Chloroethane	0.69	0.6	UG/L	400	80	140	MW-24B	Dec-07
34311	Chloroethane	0.67	0.6	UG/L	400	80	141	MW-24C	Dec-07
34311	Chloroethane	0.84	0.6	UG/L	400	80	141	MW-24C	Jun-07
34311	Chloroethane	0.73	0.6	UG/L	400	80	141	MW-24C	Sep-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34311	Chloroethane	0.76	0.6	UG/L	400	80	142	MW-24D	Sep-07
34311	Chloroethane	0.78	0.6	UG/L	400	80	142	MW-24D	Dec-07
34311	Chloroethane	1.1	0.6	UG/L	400	80	142	MW-24D	Jun-07
34413	Bromomethane	2.12	1	UG/L	10	1	147	MW-26C	Sep-07
34413	Bromomethane	1.58	1	UG/L	10	1	997	Field Blank	Sep-07
34418	Chloromethane	0.35	0.3	UG/L	3	0.3	130	MW-19A	Jun-07
34418	Chloromethane	0.32	0.3	UG/L	3	0.3	142	MW-24D	Jun-07
34418	Chloromethane	0.34	0.3	UG/L	3	0.3	144	MW-11D	Jun-07
34418	Chloromethane	0.85	0.3	UG/L	3	0.3	147	MW-26C	Sep-07
34423	Methylene Chloride	0.51	0.4	UG/L	5	0.5	142	MW-24D	Sep-07
34423	Methylene Chloride	1.47	0.4	UG/L	5	0.5	997	Field Blank	Jun-07
34423	Methylene Chloride	1.54	0.4	UG/L	5	0.5	997	Field Blank	Jun-07
34461	Phenanthrene	733	556	UG/L			104	MW-3R	Jun-07
34496	1,1-Dichloroethane	0.46	0.2	UG/L	850	85	112	MW-8C	Dec-07
34496	1,1-Dichloroethane	0.34	0.2	UG/L	850	85	112	MW-8C	Jun-07
34496	1,1-Dichloroethane	0.21	0.2	UG/L	850	85	137	MW-22B	Dec-07
34496	1,1-Dichloroethane	0.22	0.2	UG/L	850	85	137	MW-22B	Jun-07
34496	1,1-Dichloroethane	0.22	0.2	UG/L	850	85	137	MW-22B	Jun-07
34496	1,1-Dichloroethane	0.24	0.2	UG/L	850	85	141	MW-24C	Sep-07
34496	1,1-Dichloroethane	0.21	0.2	UG/L	850	85	141	MW-24C	Jun-07
34496	1,1-Dichloroethane	0.16	0.15	UG/L	850	85	141	MW-24C	Mar-07
34496	1,1-Dichloroethane	0.34	0.2	UG/L	850	85	142	MW-24D	Dec-07
34496	1,1-Dichloroethane	0.39	0.2	UG/L	850	85	142	MW-24D	Sep-07
34496	1,1-Dichloroethane	0.36	0.2	UG/L	850	85	142	MW-24D	Jun-07
34496	1,1-Dichloroethane	0.3	0.15	UG/L	850	85	142	MW-24D	Mar-07
34496	1,1-Dichloroethane	0.28	0.2	UG/L	850	85	147	MW-26C	Jun-07
34496	1,1-Dichloroethane	0.21	0.2	UG/L	850	85	147	MW-26C	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34496	1,1-Dichloroethane	0.22	0.2	UG/L	850	85	147	MW-26C	Jun-07
34496	1,1-Dichloroethane	0.19	0.15	UG/L	850	85	147	MW-26C	Mar-07
34496	1,1-Dichloroethane	0.24	0.2	UG/L	850	85	147	MW-26C	Sep-07
34496	1,1-Dichloroethane	0.27	0.2	UG/L	850	85	147	MW-26C	Sep-07
34536	1,2-Dichlorobenzene	0.86	0.8	UG/L	600	60	142	MW-24D	Sep-07
34536	1,2-Dichlorobenzene	0.8	0.8	UG/L	600	60	142	MW-24D	Dec-07
34536	1,2-Dichlorobenzene	0.86	0.8	UG/L	600	60	146	MW-25C	Dec-07
34536	1,2-Dichlorobenzene	0.93	0.8	UG/L	600	60	146	MW-25C	Sep-07
34536	1,2-Dichlorobenzene	0.89	0.8	UG/L	600	60	146	MW-25C	Dec-07
34541	1,2-Dichloropropane	0.23	0.2	UG/L	5	0.5	137	MW-22B	Jun-07
34541	1,2-Dichloropropane	0.29	0.2	UG/L	5	0.5	137	MW-22B	Dec-07
34541	1,2-Dichloropropane	0.25	0.2	UG/L	5	0.5	137	MW-22B	Jun-07
34541	1,2-Dichloropropane	0.39	0.1	UG/L	5	0.5	142	MW-24D	Mar-07
34541	1,2-Dichloropropane	0.35	0.2	UG/L	5	0.5	142	MW-24D	Sep-07
34541	1,2-Dichloropropane	0.36	0.2	UG/L	5	0.5	142	MW-24D	Dec-07
34541	1,2-Dichloropropane	0.35	0.2	UG/L	5	0.5	142	MW-24D	Jun-07
34541	1,2-Dichloropropane	0.15	0.1	UG/L	5	0.5	146	MW-25C	Mar-07
34541	1,2-Dichloropropane	0.15	0.1	UG/L	5	0.5	146	MW-25C	Mar-07
34541	1,2-Dichloropropane	0.11	0.1	UG/L	5	0.5	147	MW-26C	Mar-07
34566	1,3-Dichlorobenzene	1.77	0.2	UG/L	1250	125	147	MW-26C	Sep-07
34571	1,4-Dichlorobenzene	0.98	0.8	UG/L	75	15	107	MW-4B	Jun-07
34571	1,4-Dichlorobenzene	0.98	0.8	UG/L	75	15	107	MW-4B	Dec-07
34571	1,4-Dichlorobenzene	1.67	0.8	UG/L	75	15	111	MW-8B	Dec-07
34571	1,4-Dichlorobenzene	1.28	0.8	UG/L	75	15	111	MW-8B	Jun-07
34571	1,4-Dichlorobenzene	3.36	0.8	UG/L	75	15	112	MW-8C	Dec-07
34571	1,4-Dichlorobenzene	2.66	0.8	UG/L	75	15	112	MW-8C	Jun-07
34571	1,4-Dichlorobenzene	1.44	0.8	UG/L	75	15	116	MW-11C	Jun-07
34571	1,4-Dichlorobenzene	1.68	0.8	UG/L	75	15	116	MW-11C	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34571	1,4-Dichlorobenzene	1.61	0.8	UG/L	75	15	118	MW-12B	Dec-07
34571	1,4-Dichlorobenzene	1.56	0.8	UG/L	75	15	118	MW-12B	Jun-07
34571	1,4-Dichlorobenzene	1.69	0.8	UG/L	75	15	118	MW-12B	Jun-07
34571	1,4-Dichlorobenzene	2.68	0.8	UG/L	75	15	137	MW-22B	Dec-07
34571	1,4-Dichlorobenzene	2.39	0.8	UG/L	75	15	137	MW-22B	Jun-07
34571	1,4-Dichlorobenzene	2.55	0.8	UG/L	75	15	137	MW-22B	Jun-07
34571	1,4-Dichlorobenzene	1.55	0.8	UG/L	75	15	140	MW-24B	Jun-07
34571	1,4-Dichlorobenzene	1.82	0.8	UG/L	75	15	140	MW-24B	Dec-07
34571	1,4-Dichlorobenzene	3.02	0.8	UG/L	75	15	141	MW-24C	Jun-07
34571	1,4-Dichlorobenzene	3.11	0.8	UG/L	75	15	141	MW-24C	Dec-07
34571	1,4-Dichlorobenzene	3.46	0.8	UG/L	75	15	141	MW-24C	Sep-07
34571	1,4-Dichlorobenzene	3.55	0.75	UG/L	75	15	141	MW-24C	Mar-07
34571	1,4-Dichlorobenzene	4.22	0.8	UG/L	75	15	142	MW-24D	Sep-07
34571	1,4-Dichlorobenzene	3.84	0.75	UG/L	75	15	142	MW-24D	Mar-07
34571	1,4-Dichlorobenzene	3.76	0.8	UG/L	75	15	142	MW-24D	Jun-07
34571	1,4-Dichlorobenzene	3.86	0.8	UG/L	75	15	142	MW-24D	Dec-07
34571	1,4-Dichlorobenzene	3.8	0.8	UG/L	75	15	146	MW-25C	Dec-07
34571	1,4-Dichlorobenzene	3.07	0.8	UG/L	75	15	146	MW-25C	Jun-07
34571	1,4-Dichlorobenzene	3.7	0.8	UG/L	75	15	146	MW-25C	Dec-07
34571	1,4-Dichlorobenzene	3.55	0.75	UG/L	75	15	146	MW-25C	Mar-07
34571	1,4-Dichlorobenzene	3.96	0.8	UG/L	75	15	146	MW-25C	Sep-07
34571	1,4-Dichlorobenzene	1.8	0.8	UG/L	75	15	147	MW-26C	Dec-07
34571	1,4-Dichlorobenzene	1.92	0.8	UG/L	75	15	147	MW-26C	Sep-07
34571	1,4-Dichlorobenzene	1.7	0.8	UG/L	75	15	147	MW-26C	Sep-07
34571	1,4-Dichlorobenzene	1.88	0.8	UG/L	75	15	147	MW-26C	Jun-07
34571	1,4-Dichlorobenzene	1.7	0.8	UG/L	75	15	147	MW-26C	Jun-07
34571	1,4-Dichlorobenzene	5.78	0.75	UG/L	75	15	301	CD-1	Mar-07
34668	Dichlorodifluoromethane	0.57	0.3	UG/L	1000	200	100	MW-1	Jun-07
34668	Dichlorodifluoromethane	0.44	0.3	UG/L	1000	200	142	MW-24D	Jun-07
34668	Dichlorodifluoromethane	0.5	0.3	UG/L	1000	200	142	MW-24D	Sep-07
34668	Dichlorodifluoromethane	0.8	0.3	UG/L	1000	200	142	MW-24D	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
34668	Dichlorodifluoromethane	0.49	0.3	UG/L	1000	200	146	MW-25C	Dec-07
34668	Dichlorodifluoromethane	0.31	0.3	UG/L	1000	200	146	MW-25C	Sep-07
34668	Dichlorodifluoromethane	0.4	0.3	UG/L	1000	200	146	MW-25C	Dec-07
34696	Naphthalene	69.3	50	UG/L	100	10	104	MW-3R	Jun-07
34696	Naphthalene	1.04	1	UG/L	100	10	112	MW-8C	Dec-07
34696	Naphthalene	6.24	1	UG/L	100	10	141	MW-24C	Mar-07
34696	Naphthalene	3.22	1	UG/L	100	10	141	MW-24C	Dec-07
34696	Naphthalene	3.61	1	UG/L	100	10	141	MW-24C	Jun-07
34696	Naphthalene	4.29	1	UG/L	100	10	141	MW-24C	Sep-07
34696	Naphthalene	1.06	1	UG/L	100	10	142	MW-24D	Mar-07
34696	Naphthalene	15.4	1	UG/L	100	10	301	CD-1	Mar-07
34696	Naphthalene	12.8	1	UG/L	100	10	301	CD-1	Jun-07
39175	Vinyl Chloride	0.2	0.2	UG/L	0.2	0.02	118	MW-12B	Dec-07
39175	Vinyl Chloride	0.22	0.2	UG/L	0.2	0.02	137	MW-22B	Dec-07
39175	Vinyl Chloride	2.22	0.15	UG/L	0.2	0.02	142	MW-24D	Mar-07
39175	Vinyl Chloride	2.25	0.2	UG/L	0.2	0.02	142	MW-24D	Dec-07
39175	Vinyl Chloride	2.3	0.2	UG/L	0.2	0.02	142	MW-24D	Sep-07
39175	Vinyl Chloride	2.27	0.2	UG/L	0.2	0.02	142	MW-24D	Jun-07
39175	Vinyl Chloride	0.24	0.15	UG/L	0.2	0.02	146	MW-25C	Mar-07
39175	Vinyl Chloride	0.29	0.2	UG/L	0.2	0.02	146	MW-25C	Dec-07
39175	Vinyl Chloride	0.2	0.15	UG/L	0.2	0.02	146	MW-25C	Mar-07
39175	Vinyl Chloride	0.38	0.2	UG/L	0.2	0.02	146	MW-25C	Sep-07
39175	Vinyl Chloride	0.27	0.2	UG/L	0.2	0.02	146	MW-25C	Jun-07
39175	Vinyl Chloride	0.31	0.2	UG/L	0.2	0.02	146	MW-25C	Dec-07
76994	Methane	5020	36	UG/L			112	MW-8C	Dec-07
76994	Methane	5210	45	UG/L			112	MW-8C	Jun-07
76994	Methane	529	9	UG/L			116	MW-11C	Jun-07
76994	Methane	1040	18	UG/L			118	MW-12B	Jun-07
76994	Methane	1060	18	UG/L			118	MW-12B	Jun-07
76994	Methane	587	3.6	UG/L			118	MW-12B	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
76994	Methane	56.7	1.8	UG/L			130	MW-19A	Jun-07
76994	Methane	29.7	1.8	UG/L			130	MW-19A	Dec-07
76994	Methane	1100	9	UG/L			137	MW-22B	Jun-07
76994	Methane	1070	9	UG/L			137	MW-22B	Jun-07
76994	Methane	768	7.2	UG/L			137	MW-22B	Dec-07
76994	Methane	453	18	UG/L			138	MW-23	Jun-07
76994	Methane	1950	18	UG/L			138	MW-23	Dec-07
76994	Methane	4910	90	UG/L			140	MW-24B	Jun-07
76994	Methane	1790	18	UG/L			140	MW-24B	Dec-07
76994	Methane	4370	36	UG/L			141	MW-24C	Dec-07
76994	Methane	6280	90	UG/L			141	MW-24C	Jun-07
76994	Methane	5780	90	UG/L			141	MW-24C	Mar-07
76994	Methane	61.4	1.8	UG/L			142	MW-24D	Jun-07
76994	Methane	53.8	1.8	UG/L			142	MW-24D	Dec-07
76994	Methane	63.2	1.8	UG/L			142	MW-24D	Mar-07
77041	Carbon Disulfide	0.2	0.2	UG/L	1000	200	147	MW-26C	Jun-07
77093	1,2-Dichloroethylene (cis)	0.36	0.2	UG/L	70	7	130	MW-19A	Jun-07
77093	1,2-Dichloroethylene (cis)	0.36	0.2	UG/L	70	7	130	MW-19A	Dec-07
77093	1,2-Dichloroethylene (cis)	0.47	0.2	UG/L	70	7	137	MW-22B	Dec-07
77093	1,2-Dichloroethylene (cis)	0.31	0.2	UG/L	70	7	137	MW-22B	Jun-07
77093	1,2-Dichloroethylene (cis)	0.34	0.2	UG/L	70	7	137	MW-22B	Jun-07
77093	1,2-Dichloroethylene (cis)	0.65	0.2	UG/L	70	7	142	MW-24D	Jun-07
77093	1,2-Dichloroethylene (cis)	0.64	0.2	UG/L	70	7	142	MW-24D	Mar-07
77093	1,2-Dichloroethylene (cis)	0.7	0.2	UG/L	70	7	142	MW-24D	Sep-07
77093	1,2-Dichloroethylene (cis)	0.68	0.2	UG/L	70	7	142	MW-24D	Dec-07
77093	1,2-Dichloroethylene (cis)	0.21	0.2	UG/L	70	7	147	MW-26C	Sep-07
77093	1,2-Dichloroethylene (cis)	0.22	0.2	UG/L	70	7	147	MW-26C	Jun-07
77135	o-Xylene	0.25	0.1	UG/L	10000	1000	141	MW-24C	Mar-07
77135	o-Xylene	0.15	0.1	UG/L	10000	1000	146	MW-25C	Mar-07
77135	o-Xylene	0.14	0.1	UG/L	10000	1000	147	MW-26C	Mar-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
77135	o-Xylene	18.5	0.1	UG/L	10000	1000	301	CD-1	Mar-07
77135	o-Xylene	14.5	0.2	UG/L	10000	1000	301	CD-1	Jun-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.25	0.2	UG/L	60	12	141	MW-24C	Jun-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.24	0.1	UG/L	60	12	141	MW-24C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.24	0.2	UG/L	60	12	141	MW-24C	Sep-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.2	0.2	UG/L	60	12	141	MW-24C	Dec-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.21	0.2	UG/L	60	12	142	MW-24D	Sep-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.33	0.2	UG/L	60	12	146	MW-25C	Sep-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.31	0.1	UG/L	60	12	146	MW-25C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.27	0.2	UG/L	60	12	146	MW-25C	Dec-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.26	0.1	UG/L	60	12	146	MW-25C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.28	0.2	UG/L	60	12	146	MW-25C	Dec-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.29	0.2	UG/L	60	12	146	MW-25C	Jun-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.22	0.2	UG/L	60	12	147	MW-26C	Sep-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.16	0.1	UG/L	60	12	147	MW-26C	Mar-07
78032	Methyl Tert-Butyl Ether (MTBE)	0.25	0.1	UG/L	60	12	301	CD-1	Mar-07
78113	Ethylbenzene	20	5	UG/L	700	140	104	MW-3R	Jun-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	111	MW-8B	Jun-07
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	112	MW-8C	Dec-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	112	MW-8C	Jun-07
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	137	MW-22B	Dec-07
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	141	MW-24C	Dec-07
78113	Ethylbenzene	0.23	0.1	UG/L	700	140	141	MW-24C	Mar-07
78113	Ethylbenzene	0.13	0.1	UG/L	700	140	141	MW-24C	Jun-07
78113	Ethylbenzene	0.2	0.1	UG/L	700	140	142	MW-24D	Jun-07
78113	Ethylbenzene	0.17	0.1	UG/L	700	140	142	MW-24D	Dec-07
78113	Ethylbenzene	0.14	0.1	UG/L	700	140	142	MW-24D	Sep-07
78113	Ethylbenzene	0.18	0.1	UG/L	700	140	142	MW-24D	Mar-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	146	MW-25C	Jun-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	146	MW-25C	Sep-07
78113	Ethylbenzene	0.15	0.1	UG/L	700	140	146	MW-25C	Dec-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	146	MW-25C	Mar-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	146	MW-25C	Mar-07
78113	Ethylbenzene	0.14	0.1	UG/L	700	140	146	MW-25C	Dec-07
78113	Ethylbenzene	0.1	0.1	UG/L	700	140	147	MW-26C	Sep-07
78113	Ethylbenzene	0.12	0.1	UG/L	700	140	147	MW-26C	Jun-07
78113	Ethylbenzene	0.11	0.1	UG/L	700	140	147	MW-26C	Dec-07
78113	Ethylbenzene	0.12	0.1	UG/L	700	140	147	MW-26C	Sep-07
78113	Ethylbenzene	45.9	0.1	UG/L	700	140	301	CD-1	Mar-07
78113	Ethylbenzene	35.4	0.1	UG/L	700	140	301	CD-1	Jun-07
81552	Acetone	10	6.5	UG/L	1000	200	106	MW-4AR	Dec-07
81552	Acetone	9.82	6.5	UG/L	1000	200	106	MW-4AR	Dec-07
81552	Acetone	11.1	6.5	UG/L	1000	200	107	MW-4B	Dec-07
81552	Acetone	9.47	6.5	UG/L	1000	200	111	MW-8B	Dec-07
81552	Acetone	8.23	6.5	UG/L	1000	200	112	MW-8C	Dec-07
81552	Acetone	9.48	6.5	UG/L	1000	200	115	MW-11B	Dec-07
81552	Acetone	8.89	6.5	UG/L	1000	200	116	MW-11C	Dec-07
81552	Acetone	7.91	6.5	UG/L	1000	200	118	MW-12B	Dec-07
81552	Acetone	12.6	6.5	UG/L	1000	200	130	MW-19A	Dec-07
81552	Acetone	6.74	6.5	UG/L	1000	200	133	MW-21A	Jun-07
81552	Acetone	11.6	6.5	UG/L	1000	200	137	MW-22B	Dec-07
81552	Acetone	8.51	6.5	UG/L	1000	200	138	MW-23	Dec-07
81552	Acetone	6.8	6.5	UG/L	1000	200	140	MW-24B	Dec-07
81552	Acetone	8.21	6.5	UG/L	1000	200	141	MW-24C	Mar-07
81552	Acetone	7.86	6.5	UG/L	1000	200	141	MW-24C	Dec-07
81552	Acetone	7.82	6.5	UG/L	1000	200	142	MW-24D	Dec-07
81552	Acetone	9.88	6.5	UG/L	1000	200	145	MW-25D	Dec-07
81552	Acetone	10.7	6.5	UG/L	1000	200	146	MW-25C	Dec-07
81552	Acetone	10.2	6.5	UG/L	1000	200	146	MW-25C	Dec-07
81552	Acetone	8.86	6.5	UG/L	1000	200	147	MW-26C	Dec-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
81552	Acetone	9.58	6.5	UG/L	1000	200	147	MW-26C	Jun-07
81552	Acetone	168	6.5	UG/L	1000	200	301	CD-1	Mar-07
81552	Acetone	97.4	6.5	UG/L	1000	200	301	CD-1	Jun-07
81552	Acetone	7.12	6.5	UG/L	1000	200	997	Field Blank	Jun-07
81552	Acetone	7.62	6.5	UG/L	1000	200	997	Field Blank	Jun-07
81552	Acetone	11.9	6.5	UG/L	1000	200	997	Field Blank	Dec-07
81552	Acetone	12.9	6.5	UG/L	1000	200	997	Field Blank	Dec-07
81595	2-Butanone	3.97	2	UG/L	460	90	141	MW-24C	Mar-07
81595	2-Butanone	114	2	UG/L	460	90	301	CD-1	Mar-07
81595	2-Butanone	89.7	2	UG/L	460	90	301	CD-1	Jun-07
81595	2-Butanone	158	2	UG/L	460	90	997	Field Blank	Jun-07
81595	2-Butanone	124	2	UG/L	460	90	997	Field Blank	Sep-07
81595	2-Butanone	15.9	2	UG/L	460	90	997	Field Blank	Mar-07
81607	Tetrahydrofuran	8.06	1	UG/L	50	10	107	MW-4B	Dec-07
81607	Tetrahydrofuran	10.4	0.7	UG/L	50	10	107	MW-4B	Jun-07
81607	Tetrahydrofuran	9.74	0.7	UG/L	50	10	111	MW-8B	Jun-07
81607	Tetrahydrofuran	9.35	1	UG/L	50	10	111	MW-8B	Dec-07
81607	Tetrahydrofuran	13.8	1	UG/L	50	10	112	MW-8C	Dec-07
81607	Tetrahydrofuran	11.5	0.7	UG/L	50	10	112	MW-8C	Jun-07
81607	Tetrahydrofuran	24.7	1	UG/L	50	10	116	MW-11C	Dec-07
81607	Tetrahydrofuran	23.3	1	UG/L	50	10	116	MW-11C	Jun-07
81607	Tetrahydrofuran	0.84	0.7	UG/L	50	10	117	MW-12A	Jun-07
81607	Tetrahydrofuran	5.6	1	UG/L	50	10	118	MW-12B	Dec-07
81607	Tetrahydrofuran	7.46	0.7	UG/L	50	10	118	MW-12B	Jun-07
81607	Tetrahydrofuran	8.01	0.7	UG/L	50	10	118	MW-12B	Jun-07
81607	Tetrahydrofuran	1.7	1	UG/L	50	10	130	MW-19A	Dec-07
81607	Tetrahydrofuran	1.68	0.7	UG/L	50	10	130	MW-19A	Jun-07
81607	Tetrahydrofuran	7.4	0.7	UG/L	50	10	137	MW-22B	Jun-07
81607	Tetrahydrofuran	7.13	0.7	UG/L	50	10	137	MW-22B	Jun-07
81607	Tetrahydrofuran	8.25	1	UG/L	50	10	137	MW-22B	Dec-07
81607	Tetrahydrofuran	16	0.7	UG/L	50	10	140	MW-24B	Jun-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
81607	Tetrahydrofuran	25.5	1	UG/L	50	10	140	MW-24B	Dec-07
81607	Tetrahydrofuran	95.7	0.7	UG/L	50	10	141	MW-24C	Mar-07
81607	Tetrahydrofuran	75.9	0.7	UG/L	50	10	141	MW-24C	Jun-07
81607	Tetrahydrofuran	56.4	1	UG/L	50	10	141	MW-24C	Dec-07
81607	Tetrahydrofuran	69.2	1	UG/L	50	10	141	MW-24C	Sep-07
81607	Tetrahydrofuran	28.6	1	UG/L	50	10	142	MW-24D	Sep-07
81607	Tetrahydrofuran	27	1	UG/L	50	10	142	MW-24D	Dec-07
81607	Tetrahydrofuran	34.4	0.7	UG/L	50	10	142	MW-24D	Mar-07
81607	Tetrahydrofuran	26.5	0.7	UG/L	50	10	142	MW-24D	Jun-07
81607	Tetrahydrofuran	67.1	1	UG/L	50	10	146	MW-25C	Jun-07
81607	Tetrahydrofuran	72	1	UG/L	50	10	146	MW-25C	Dec-07
81607	Tetrahydrofuran	73.5	0.7	UG/L	50	10	146	MW-25C	Mar-07
81607	Tetrahydrofuran	73.8	1	UG/L	50	10	146	MW-25C	Sep-07
81607	Tetrahydrofuran	77	0.7	UG/L	50	10	146	MW-25C	Mar-07
81607	Tetrahydrofuran	76	1	UG/L	50	10	146	MW-25C	Dec-07
81607	Tetrahydrofuran	75.8	0.7	UG/L	50	10	147	MW-26C	Jun-07
81607	Tetrahydrofuran	65.9	1	UG/L	50	10	147	MW-26C	Dec-07
81607	Tetrahydrofuran	60.1	0.7	UG/L	50	10	147	MW-26C	Mar-07
81607	Tetrahydrofuran	61.9	1	UG/L	50	10	147	MW-26C	Sep-07
81607	Tetrahydrofuran	63.7	1	UG/L	50	10	147	MW-26C	Jun-07
81607	Tetrahydrofuran	67.5	1	UG/L	50	10	147	MW-26C	Sep-07
81607	Tetrahydrofuran	129	1	UG/L	50	10	301	CD-1	Jun-07
81607	Tetrahydrofuran	185	0.7	UG/L	50	10	301	CD-1	Mar-07
81607	Tetrahydrofuran	0.83	0.7	UG/L	50	10	997	Field Blank	Mar-07
81607	Tetrahydrofuran	0.7	0.7	UG/L	50	10	997	Field Blank	Jun-07
85544	Carbon Dioxide in Air	23.6	1	%			400	BH-2	Mar-07
85547	Methane in Air	16.2	0.01	%			400	BH-2	Mar-07
85550	Oxygen in Air	0.21	0.1	%			400	BH-2	Mar-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
85795	m&p-Xylene	0.52	0.4	UG/L	10000	1000	111	MW-8B	Dec-07
85795	m&p-Xylene	0.44	0.4	UG/L	10000	1000	112	MW-8C	Dec-07
85795	m&p-Xylene	0.86	0.4	UG/L	10000	1000	112	MW-8C	Jun-07
85795	m&p-Xylene	0.85	0.4	UG/L	10000	1000	141	MW-24C	Mar-07
85795	m&p-Xylene	0.49	0.4	UG/L	10000	1000	146	MW-25C	Dec-07
85795	m&p-Xylene	2.21	0.4	UG/L	10000	1000	146	MW-25C	Mar-07
85795	m&p-Xylene	0.68	0.4	UG/L	10000	1000	146	MW-25C	Jun-07
85795	m&p-Xylene	0.53	0.4	UG/L	10000	1000	146	MW-25C	Sep-07
85795	m&p-Xylene	0.51	0.4	UG/L	10000	1000	146	MW-25C	Dec-07
85795	m&p-Xylene	2.02	0.4	UG/L	10000	1000	146	MW-25C	Mar-07
85795	m&p-Xylene	0.42	0.4	UG/L	10000	1000	147	MW-26C	Jun-07
85795	m&p-Xylene	1.27	0.4	UG/L	10000	1000	147	MW-26C	Mar-07
85795	m&p-Xylene	111	0.4	UG/L	10000	1000	301	CD-1	Mar-07
85795	m&p-Xylene	75.3	0.4	UG/L	10000	1000	301	CD-1	Jun-07
99001	Benzene in Air	277	231	PPBV			400	BH-2	Mar-07
99001	Benzene in Air	388	231	PPBV			403	EW-3W	Mar-07
99001	Benzene in Air	456	231	PPBV			406	EW-6W	Mar-07
99001	Benzene in Air	388	231	PPBV			420	EW-20W	Mar-07
99001	Benzene in Air	295	231	PPBV			421	EW-21W	Mar-07
99001	Benzene in Air	443	231	PPBV			427	EW-27W	Mar-07
99008	Ethylbenzene in Air	2200	113	PPBV			400	BH-2	Mar-07
99008	Ethylbenzene in Air	1814	113	PPBV			403	EW-3W	Mar-07
99008	Ethylbenzene in Air	1216	113	PPBV			405	EW-5W	Mar-07
99008	Ethylbenzene in Air	2676	113	PPBV			406	EW-6W	Mar-07
99008	Ethylbenzene in Air	762	113	PPBV			420	EW-20W	Mar-07
99008	Ethylbenzene in Air	814	113	PPBV			421	EW-21W	Mar-07
99008	Ethylbenzene in Air	551	113	PPBV			427	EW-27W	Mar-07

**Groundwater Analytical Data
Summary of Detects - 2007
Sorted by Parameter**

Parameter Code	Parameter	Result	LOD	Units	NR 140 ES	NR 140 PAL	DNR Well ID	Well	Sample Date
99014	m&p-Xylene in Air	4014	454	PPBV			400	BH-2	Mar-07
99014	m&p-Xylene in Air	2585	454	PPBV			403	EW-3W	Mar-07
99014	m&p-Xylene in Air	1565	454	PPBV			405	EW-5W	Mar-07
99014	m&p-Xylene in Air	2608	454	PPBV			406	EW-6W	Mar-07
99014	m&p-Xylene in Air	1966	454	PPBV			420	EW-20W	Mar-07
99014	m&p-Xylene in Air	943	454	PPBV			421	EW-21W	Mar-07
99014	m&p-Xylene in Air	1656	454	PPBV			427	EW-27W	Mar-07
99023	o-Xylene in Air	361	113	PPBV			400	BH-2	Mar-07
99023	o-Xylene in Air	261	113	PPBV			403	EW-3W	Mar-07
99023	o-Xylene in Air	222	113	PPBV			405	EW-5W	Mar-07
99023	o-Xylene in Air	163	113	PPBV			406	EW-6W	Mar-07
99023	o-Xylene in Air	132	113	PPBV			420	EW-20W	Mar-07
99181	Nitrogen in Air	58.4	0.1	PPMV			400	BH-2	Mar-07
99344	Chlorobenzene in Air	183	106	PPBV			400	BH-2	Mar-07
99344	Chlorobenzene in Air	136	106	PPBV			403	EW-3W	Mar-07
99344	Chlorobenzene in Air	164	106	PPBV			406	EW-6W	Mar-07
99344	Chlorobenzene in Air	162	106	PPBV			420	EW-20W	Mar-07
99344	Chlorobenzene in Air	136	106	PPBV			427	EW-27W	Mar-07
99347	Chloromethane in Air	695	476	PPBV			420	EW-20W	Mar-07
99369	Dichlorodifluoromethane in Air	608	248	PPBV			400	BH-2	Mar-07
99369	Dichlorodifluoromethane in Air	254	248	PPBV			403	EW-3W	Mar-07
99369	Dichlorodifluoromethane in Air	274	248	PPBV			405	EW-5W	Mar-07
99369	Dichlorodifluoromethane in Air	306	248	PPBV			406	EW-6W	Mar-07
99369	Dichlorodifluoromethane in Air	7073	248	PPBV			420	EW-20W	Mar-07
99369	Dichlorodifluoromethane in Air	572	248	PPBV			421	EW-21W	Mar-07
99369	Dichlorodifluoromethane in Air	1099	248	PPBV			427	EW-27W	Mar-07

Appendix M

Monitoring Requirements Holtz Krause Landfill

Point Name	DNR ID#	Field pH 00400	Temp °C 00010	Sp. Cond. 00094	Methane Dissolved 76994	DO 00299	ORP 00090	As. diss. 01000	Cd diss. 01025	Fe. diss. 01046	VOC's	Naphthalene	SVOC's	GW elev. 00842
MW-1	100	A	A	A		A	A				A			A
MW-3R	104	A	A	A		A	A				A		A	A
MW-4R	106	SA	SA	SA		SA	SA				SA			SA
MW-4B	107	SA	SA	SA		SA	SA	A			SA			SA
MW-5	108	A	A	A		A	A				A			A
MW-8A	110	A	A	A		A	A				A			A
MW-8B	111	SA	SA	SA		SA	SA	A			SA	SA		SA
MW-8C	112	SA	SA	SA	SA	SA	SA	A	A		SA	SA		SA
MW-11A	114	A	A	A		A	A				A			A
MW-11B	115	SA	SA	SA		SA	SA				SA			SA
MW-11C	116	SA	SA	SA	SA	SA	SA				SA			SA
MW-11D	144	A	A	A		A	A		A		A			A
MW-12A	117	A	A	A		A	A				A			A
MW-12B	118	SA	SA	SA	SA	SA	SA	A			SA	SA		SA
MW-16AR	124	A	A	A		A	A	A			A			A
MW-16BR	125	A	A	A		A	A				A			A
MW-19A	130	SA	SA	SA		SA	SA				SA			SA
MW-19B	131	A	A	A		A	A				A			A
MW-20R	143	A	A	A		A	A				A			A

Monitoring Requirements Holtz Krause Landfill

Point Name	DNR ID#	Field pH 00400	Temp °C 00010	Sp. Cond. 00094	Methane Dissolved 76994	DO 00299	ORP 00090	As. diss. 01000	Cd diss. 01025	Fe. diss. 01046	VOC's	Naphtha- lene	SVOC's	GW elev. 00842
MW-21A	133	A	A	A		A	A	A			A			A
MW-21B	134	A	A	A		A	A				A			A
MW-21C	135	A	A	A		A	A				A			A
MW-22A	136	A	A	A		A	A				A			A
MW-22B	137	SA	SA	SA	SA	SA	SA				SA			SA
MW-23	138	SA	SA	SA	SA	SA	SA				SA			SA
MW-24A	139	A	A	A		A	A				A			A
MW-24B	140	SA	SA	SA	SA	SA	SA	A			SA			SA
MW-24C	141	SA	SA	SA	SA	SA	SA	A			SA			SA
MW-24D	142	SA	SA	SA	SA	SA	SA				SA			SA
MW-25C	146	SA	SA	SA		SA	SA				SA			SA
MW-25D	145	SA	SA	SA		SA	SA				SA			SA
MW-26C	147	SA	SA	SA		SA	SA				SA			SA
Blower	400										A (March)			
6 Gas Extraction Wells											A (March)			
Conden- sate	301/ 303										A (March)			

Appendix N

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKBH0002	11:34	01/02/2007	26.9	26.3	0.5	46.3	3.1	0.06	95	173
HKBH0002	10:51	01/05/2007	22.4	24.9	0.4	52.3	2.9	0.06	96	166
HKBH0002	9:29	01/08/2007	26.8	26.5	0.6	46.1	2.9	0.07	88	188
HKBH0002	11:37	01/15/2007	27.1	26.2	0.5	46.2	2.8	0.06	85	184
HKBH0002	11:41	01/22/2007	28.9	26.9	0.3	43.9	3.1	0.07	88	194
HKBH0002	16:42	01/26/2007	41.3	23	0.1	35.6	2.3	0.1	88	239
HKBH0002	13:28	01/29/2007	33	21.5	0	45.5	4.7	0.08	84	209
HKBH0002	13:07	02/06/2007	33.5	21.8	0.5	44.2	4.5	0.12	78	264
HKBH0002	13:05	02/12/2007	22	19.2	0.6	58.2	4.9	0.12	85	251
HKBH0002	12:59	02/19/2007	40.2	23.3	0.3	36.2	2.9	0.05	91	170
HKBH0002	14:27	02/22/2007	15.4	17.7	0.7	66.2	2.9	0.06	93	174
HKBH0002	9:43	02/23/2007	19.1	22.7	0.7	57.5	3.1	0.06	86	177
HKBH0002	14:55	02/27/2007	21.4	23.7	0.5	54.4	2.9	0.04	94	156
HKBH0002	13:43	02/28/2007	27.6	26	0.5	45.9	3.1	0.06	88	177
HKBH0002	12:59	03/06/2007	26.8	24.5	1.2	47.5	3.2	0.06	85	185
HKBH0002	12:07	03/12/2007	28.3	26	0.7	45	3.1	0.06	101	170
HKBH0002	9:08	03/19/2007	27.7	24.2	0.3	47.8	2.9	0.06	91	171
HKBH0002	21:32	03/22/2007	24.1	27.1	0.4	48.4	3.1	0.06	95	166
HKBH0002	17:34	03/28/2007	22.7	26.2	0.8	50.3	3	0.05	93	161
HKBH0002	16:29	04/02/2007	19.4	25.1	0.6	54.9	3	0.05	101	156
HKBH0002	15:36	04/05/2007	24.2	26.3	0.7	48.8	3	0.06	91	169
HKBH0002	14:05	04/09/2007	26.2	27.5	0.6	45.7	3.8	0.09	95	200
HKBH0002	10:01	04/17/2007	22.3	26.3	0.9	50.5	3.7	0.09	96	210
HKBH0002	11:17	04/23/2007	15.4	23.6	0.9	60.1	3.2	0.06	100	173
HKBH0002	15:37	04/24/2007	23.6	26.3	0.7	49.4	3.6	0.07	100	180
HKBH0002	10:46	04/25/2007	21.4	25.1	0.5	53	3.4	0.06	96	171
HKBH0002	14:39	04/27/2007	22.3	25.1	0.7	51.9	3.4	0.06	105	161
HKBH0002	11:39	04/30/2007	20	24.3	0.8	54.9	3.6	0.07	103	171
HKBH0002	11:18	05/04/2007	22.5	25	0.8	51.7	3.5	0.07	100	175
HKBH0002	12:28	05/07/2007	26.6	26	0.5	46.9	3.7	0.05	101	164
HKBH0002	16:22	05/14/2007	31.3	27.8	0.4	40.5	3.6	0.06	107	171
HKBH0002	11:25	05/21/2007	23.5	24.9	0.7	50.9	3.6	0.06	102	163
HKBH0002	11:28	05/25/2007	18.5	25.8	0.9	54.8	3.4	0.07	104	170
HKBH0002	10:51	05/29/2007	23	26.2	0.4	50.4	3.4	0.08	107	186
HKBH0002	13:08	06/04/2007	21.6	25.7	0.7	52	3.4	0.08	104	188
HKBH0002	15:34	06/11/2007	22	25.3	0.4	52.3	3.4	0.07	112	171
HKBH0002	14:36	06/15/2007	25.7	27.2	0.5	46.6	3.5	0.07	116	168
HKBH0002	13:14	06/21/2007	22	25.8	0.8	51.4	3.4	0.07	113	170
HKBH0002	11:32	06/25/2007	22	25.3	0.8	51.9	3.6	0.12	112	213
HKBH0002	10:21	06/28/2007	20.9	29.4	0.7	49	3.4	0.07	107	177
HKBH0002	14:26	06/29/2007	24.7	28.3	0.4	46.6	3.5	0.07	113	170
HKBH0002	13:01	07/02/2007	27.6	29.1	0.7	42.6	3.5	0.07	111	177
HKBH0002	12:59	07/16/2007	24	27.7	0.6	47.7	3.4	0.08	114	185
HKBH0002	13:04	07/23/2007	25.4	28.6	0.5	45.5	3.3	0.08	112	186
HKBH0002	9:45	07/30/2007	22.7	26.7	0.8	49.8	3.4	0.08	114	180
HKBH0002	9:37	08/03/2007	21.5	28.5	0.4	49.6	3.3	0.06	112	164
HKBH0002	9:59	09/11/2007	31	31.9	0.2	36.9	3.3	0.06	104	167
HKBH0002	8:53	09/18/2007	23.6	28.8	0.4	47.2	3.4	0.06	108	162
HKBH0002	11:51	09/26/2007	25.3	29	0.4	45.3	3.3	0.07	111	171

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKBH0002	12:35	09/27/2007	26.9	30.2	0.3	42.6	3.4	0.08	111	193
HKBH0002	15:35	09/28/2007	24.6	28.8	0.3	46.3	3.4	0.07	113	170
HKBH0002	14:01	10/08/2007	42.9	34.9	0.3	21.9	4.5	0.1	98	226
HKBH0002	13:13	10/09/2007	29.2	29.2	0.3	41.3	4.6	0.08	98	193
HKBH0002	10:53	10/15/2007	27.5	29.3	0.4	42.8	3.2	0.05	100	147
HKBH0002	9:24	10/22/2007	21.3	27.3	0.6	50.8	3.4	0.07	101	178
HKBH0002	9:52	10/30/2007	31.3	32.1	0.2	36.4	3.7	0.07	98	187
HKBH0002	13:19	11/01/2007	24.8	29.2	0.4	45.6	3.7	0.06	104	171
HKBH0002	17:12	11/05/2007	22.9	27.9	0.3	48.9	3.5	0.06	96	175
HKBH0002	12:43	11/12/2007	22.4	27.6	0.5	49.5	3.6	0.06	102	177
HKBH0002	12:42	11/19/2007	31.5	31.7	0.3	36.5	3.7	0.07	94	189
HKBH0002	11:28	11/27/2007	17.2	26.8	0.8	55.2	3.4	0.06	91	177
HKBH0002	10:44	11/29/2007	22.2	23.8	0.4	53.6	3.6	0.06	89	182
HKBH0002	10:12	12/05/2007	21.6	23.3	0.6	54.5	3.2	0.08	88	211
HKBH0002	15:01	12/11/2007	30	25.6	0.4	44	3.4	0.09	89	218
HKBH0002	13:11	12/17/2007	26.7	25.9	0.7	46.7	3.6	0.08	89	199
HKBH0002	14:12	12/19/2007	24	25.2	0.5	50.3	3.5	0.06	95	178
HKBH0002	11:14	12/26/2007	26	28.5	0.4	45.1	3.6	0.06	92	179
HKBH0002	10:04	12/27/2007	20.5	21.3	0.6	57.6	3.5	0.06	90	176
HKBH0002	9:54	01/02/2008	16.1	19	1.7	63.2	3.5	0.07	87	188
HKEW001H	13:45	01/26/2007	16.8	17.8	0	65.4	0	0	41 >>>	
HKEW001H	10:04	02/23/2007	7.4	18.8	1.3	72.5	-1.8	1.82	40 >>>	
HKEW001H	14:36	03/23/2007	9.6	20.8	0.5	69.1	-1	1.08	40 >>>	
HKEW001H	14:32	04/25/2007	6.6	19	0.7	73.7	-1.2	1.34	40 >>>	
HKEW001H	11:08	05/29/2007	8.5	20.1	0.7	70.7	-1.2	1.36	43 >>>	
HKEW001H	10:37	06/28/2007	9.9	22.9	1.4	65.8	-1.9	1.99	47 >>>	
HKEW001H	9:52	08/03/2007	11.4	23.6	1	64	-1.8	1.82	50 >>>	
HKEW001H	15:56	09/28/2007	15.1	23.1	0.3	61.5	-1.2	1.33	51 >>>	
HKEW001H	14:03	10/30/2007	19.3	26.7	0	54	-0.3	0.43	50 >>>	
HKEW001H	14:47	11/29/2007	12.9	21.3	0.4	65.4	-2	2.01	46 >>>	
HKEW001H	10:30	12/27/2007	11.8	18.9	0.2	69.1	-2.3	2.35	44 >>>	
HKEW001W	13:43	01/26/2007	16.9	17.7	0	65.4	0.2	-0.06	41	0
HKEW001W	10:02	02/23/2007	7.9	18.1	1.6	72.4	-1.8	0.05	40	6
HKEW001W	14:34	03/23/2007	9.8	20.7	0.6	68.9	-1	0.04	40	5
HKEW001W	14:30	04/25/2007	6.6	19.2	0.8	73.4	-1.2	0.07	40	8
HKEW001W	11:06	05/29/2007	8.1	20	0.8	71.1	-1.2	0.04	43	6
HKEW001W	10:35	06/28/2007	9.6	22.7	1.5	66.2	-1.9	0.06	47	7
HKEW001W	9:50	08/03/2007	11.4	23.2	1.3	64.1	-1.8	0.07	50	8
HKEW001W	15:54	09/28/2007	15.1	23.5	0.1	61.3	-1.2	0.05	51	7
HKEW001W	14:02	10/30/2007	19.3	26.6	0	54.1	-0.3	0.06	50	8
HKEW001W	14:45	11/29/2007	12.4	20.2	1	66.4	-1.9	0.08	46	10
HKEW001W	10:28	12/27/2007	11.9	19.2	0.3	68.6	-2.2	0.09	44	10
HKEW002H	13:53	01/26/2007	34.1	21.9	0	44	0.2	-0.28	43 >>>	
HKEW002H	10:13	02/23/2007	18.3	22	1.4	58.3	-1.6	1.64	40 >>>	
HKEW002H	14:42	03/23/2007	23.2	26.2	0.3	50.3	-0.8	0.91	40 >>>	
HKEW002H	14:38	04/25/2007	18.7	24.2	0.5	56.6	-1	1.11	40 >>>	
HKEW002H	11:15	05/29/2007	21.1	25.1	0.6	53.2	-1.1	1.18	45 >>>	
HKEW002H	10:43	06/28/2007	22.6	29.3	1	47.1	-1.7	1.81	49 >>>	
HKEW002H	9:59	08/03/2007	23.2	27.5	1	48.3	-1.6	1.66	53 >>>	

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW002H	16:02	09/28/2007	26.7	28.5	0	44.8	-1.2	1.17	105 >>>	
HKEW002H	14:11	10/30/2007	31.3	32.3	0	36.4	-0.2	0.22	50 >>>	
HKEW002H	14:55	11/29/2007	23.4	24	1	51.6	-1.8	1.82	46 >>>	
HKEW002H	10:39	12/27/2007	21.6	21.8	0.1	56.5	-2.2	2.25	43 >>>	
HKEW002W	13:51	01/26/2007	34.5	21.8	0	43.7	0.3	0.04	43	6
HKEW002W	10:11	02/23/2007	18.9	22.3	1.3	57.5	-1.6	0.03	40	3
HKEW002W	14:40	03/23/2007	23.2	26.5	0.3	50	-0.8	0.02	40	3
HKEW002W	14:36	04/25/2007	19.1	24.1	0.5	56.3	-1.1	0.04	40	5
HKEW002W	11:13	05/29/2007	20.4	24.8	0.7	54.1	-1	0.03	45	4
HKEW002W	10:42	06/28/2007	21.1	27.4	2.2	49.3	-1.7	0.01	49	2
HKEW002W	9:57	08/03/2007	22.5	28.8	0.8	47.9	-1.7	0.02	53	2
HKEW002W	16:00	09/28/2007	26.5	28.1	0.3	45.1	-1	0.04	105	4
HKEW002W	14:09	10/30/2007	30	32.3	0	37.7	-0.1	0.06	50	7
HKEW002W	14:53	11/29/2007	23.8	20.1	0.6	55.5	-1.8	0.05	46	6
HKEW002W	10:37	12/27/2007	21.6	22.2	0.1	56.1	-2.2	0.02	43	3
HKEW003H	14:01	01/26/2007	57.5	27.2	0	15.3	0.3	-0.38	46 >>>	
HKEW003H	13:13	01/29/2007	49.7	22.5	1.8	26	-1	1.04	45 >>>	
HKEW003H	10:20	02/23/2007	41.9	25.7	3	29.4	-1.4	1.47	42 >>>	
HKEW003H	14:50	03/23/2007	49.3	33.4	0.3	17	-0.6	0.72	43 >>>	
HKEW003H	14:46	04/25/2007	45.4	31.7	0.4	22.5	-0.8	0.95	44 >>>	
HKEW003H	11:22	05/29/2007	45.4	32.7	0.4	21.5	-1	1.02	47 >>>	
HKEW003H	10:51	06/28/2007	50.3	37.9	1.1	10.7	-1.6	1.64	50 >>>	
HKEW003H	10:07	08/03/2007	43.3	34.3	1.9	20.5	-1.4	1.51	51 >>>	
HKEW003H	16:09	09/28/2007	48.7	34.6	0.2	16.5	-1	1.04	51 >>>	
HKEW003H	14:18	10/30/2007	49.8	38.8	0	11.4	0	0.01	50 >>>	
HKEW003H	15:02	11/29/2007	48	28.7	1.1	22.2	-1.8	1.77	47 >>>	
HKEW003H	10:49	12/27/2007	46	27.2	0.1	26.7	-2.1	2.14	45 >>>	
HKEW003W	14:00	01/26/2007	57.4	23.1	0	19.5	0	0.34	46	24
HKEW003W	13:11	01/29/2007	52.5	25.1	1.1	21.3	-1	0.14	45	14
HKEW003W	10:18	02/23/2007	46.8	28.1	1.1	24	-1.4	0.02	42	2
HKEW003W	14:48	03/23/2007	48.5	33.8	0.4	17.3	-0.6	0.07	43	9
HKEW003W	14:44	04/25/2007	43.8	30.9	0.6	24.7	-0.9	0.08	44	10
HKEW003W	11:20	05/29/2007	43.6	31.1	1.3	24	-0.9	0.08	47	10
HKEW003W	10:49	06/28/2007	46.3	36.6	1.8	15.3	-1.6	0.04	50	4
HKEW003W	10:05	08/03/2007	45.8	36.3	0.7	17.2	-1.5	0.02	51	3
HKEW003W	16:07	09/28/2007	47.6	34.2	0.2	18	-0.9	0.07	105	8
HKEW003W	14:16	10/30/2007	49.1	37.8	0	13.1	0	0.21	50	17
HKEW003W	15:00	11/29/2007	45.3	27.1	1.9	25.7	-1.6	0.07	47	9
HKEW003W	10:47	12/27/2007	45.5	26.9	0.1	27.5	-2.1	0.04	45	4
HKEW004H	14:09	01/26/2007	43.5	22.1	0	34.4	0.3	-0.34	43 >>>	
HKEW004H	10:29	02/23/2007	34.9	25.1	1.2	38.8	-1.5	1.48	40 >>>	
HKEW004H	14:58	03/23/2007	34.9	29	0.3	35.8	-0.6	0.72	41 >>>	
HKEW004H	14:54	04/25/2007	31.3	27.1	0.3	41.3	-0.9	0.91	41 >>>	
HKEW004H	11:29	05/29/2007	30.7	27.1	0.5	41.7	-1	1	46 >>>	
HKEW004H	10:58	06/28/2007	33	32.3	1	33.7	-1.6	1.66	51 >>>	
HKEW004H	10:15	08/03/2007	31.6	31.3	0.8	36.3	-1.5	1.5	53 >>>	
HKEW004H	16:17	09/28/2007	34.9	28.8	0.4	35.9	-0.9	0.97	52 >>>	
HKEW004H	14:25	10/30/2007	36.7	33.2	0	30.1	0	0.05	50 >>>	
HKEW004H	15:10	11/29/2007	35.2	25.9	0.7	38.2	-1.8	1.8	47 >>>	

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW004H	10:58	12/27/2007	32.4	23.9	0.1	43.6	-2.1	2.15	44 >>>	
HKEW004W	14:07	01/26/2007	43.4	22.7	0	33.9	0.3	0.06	43	9
HKEW004W	10:26	02/23/2007	34.7	24.7	1.2	39.4	-1.4	-0.03	40	0
HKEW004W	14:56	03/23/2007	35.7	30.6	0.3	33.4	-0.6	0.03	41	4
HKEW004W	14:52	04/25/2007	31.7	27.1	0.4	40.8	-0.8	0.04	41	5
HKEW004W	11:27	05/29/2007	31.2	27.3	0.4	41.1	-1	0.04	46	4
HKEW004W	10:56	06/28/2007	33.1	32.1	0.9	33.9	-1.6	0.02	51	2
HKEW004W	10:13	08/03/2007	27.9	26.9	3.2	42	-1.4	0.02	53	2
HKEW004W	16:15	09/28/2007	33.9	29.1	0.7	36.3	-0.9	0.04	52	4
HKEW004W	14:23	10/30/2007	36.2	32.8	0	31	0	0.09	50	10
HKEW004W	15:08	11/29/2007	31.9	23.7	2.2	42.2	-1.7	0.03	47	4
HKEW004W	10:56	12/27/2007	32.6	23.6	0.2	43.6	-2.1	0.02	44	3
HKEW005H	14:21	01/26/2007	34.7	21	0	44.3	0.3	-0.3	42 >>>	
HKEW005H	10:37	02/23/2007	25.1	23.2	0.7	51	-1.3	1.33	42 >>>	
HKEW005H	15:05	03/23/2007	27.2	26.8	0.1	45.9	-0.6	0.69	41 >>>	
HKEW005H	15:01	04/25/2007	23	24.5	0.3	52.2	-0.8	0.86	43 >>>	
HKEW005H	11:35	05/29/2007	22.8	24.8	0.4	52	-0.8	0.9	47 >>>	
HKEW005H	11:05	06/28/2007	26.3	28.2	0.8	44.7	-1.5	1.58	50 >>>	
HKEW005H	10:23	08/03/2007	25.4	27.6	0.5	46.5	-1.4	1.39	51 >>>	
HKEW005H	16:25	09/28/2007	27.9	26.9	0	45.2	-0.9	0.92	50 >>>	
HKEW005H	14:33	10/30/2007	30.7	29.4	0	39.9	0	0	49 >>>	
HKEW005H	15:20	11/29/2007	26.4	24.1	0.5	49	-1.7	1.73	45 >>>	
HKEW005H	11:08	12/27/2007	24	21.7	0.1	54.2	-2	2.05	43 >>>	
HKEW005W	14:19	01/26/2007	34.8	21.1	0	44.1	0.2	0.02	42	2
HKEW005W	10:35	02/23/2007	24.5	22.7	1.2	51.6	-1.3	0.02	42	2
HKEW005W	15:03	03/23/2007	27	26.5	0.2	46.3	-0.6	0.02	41	2
HKEW005W	14:59	04/25/2007	22.1	24.1	0.3	53.5	-0.8	0.02	43	3
HKEW005W	11:34	05/29/2007	23.5	24.8	0.3	51.4	-0.8	0.03	47	4
HKEW005W	11:03	06/28/2007	26.2	27.9	1.1	44.8	-1.5	0.01	50	1
HKEW005W	10:21	08/03/2007	24.3	27.1	0.7	47.9	-1.3	0.02	51	2
HKEW005W	16:23	09/28/2007	28.3	26.7	0	45	-0.8	0.02	50	3
HKEW005W	14:31	10/30/2007	30.6	30.2	0	39.2	0	0.04	49	6
HKEW005W	15:17	11/29/2007	25.8	24	0.5	49.7	-1.6	0.04	45	5
HKEW005W	11:06	12/27/2007	24	21.7	0.1	54.2	-2	0.05	43	6
HKEW006H	14:29	01/26/2007	36.7	22.4	0	40.9	0.2	-0.25	45 >>>	
HKEW006H	10:45	02/23/2007	26.5	24.7	1.3	47.5	-1.2	1.32	45 >>>	
HKEW006H	15:12	03/23/2007	28.4	30	0.2	41.4	-0.6	0.68	46 >>>	
HKEW006H	15:09	04/25/2007	23.7	26.2	0.3	49.8	-0.7	0.82	47 >>>	
HKEW006H	11:43	05/29/2007	22.2	26.3	0.4	51.1	-0.8	0.9	50 >>>	
HKEW006H	11:12	06/28/2007	24	30.5	0.8	44.7	-1.6	1.58	52 >>>	
HKEW006H	10:30	08/03/2007	23.8	29.3	0.8	46.1	-1.4	1.39	53 >>>	
HKEW006H	16:32	09/28/2007	28	27.8	0	44.2	-0.9	0.94	51 >>>	
HKEW006H	14:40	10/30/2007	30.6	31.4	0	38	0	0.03	51 >>>	
HKEW006H	15:28	11/29/2007	28.3	25.5	0.4	45.8	-1.8	1.76	48 >>>	
HKEW006H	11:18	12/27/2007	25.9	23	0.1	51	-2	2	47 >>>	
HKEW006W	14:27	01/26/2007	36	22.7	0	41.3	0.3	0.03	45	4
HKEW006W	10:43	02/23/2007	26.9	25.1	1.1	46.9	-1	0.08	45	10
HKEW006W	15:10	03/23/2007	28.8	29.5	0.2	41.5	-0.5	0.06	46	9
HKEW006W	15:07	04/25/2007	23.6	26.4	0.2	49.8	-0.6	0.08	47	10

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW006W	11:41	05/29/2007	22.6	26.8	0.2	50.4	-0.7	0.08	50	10
HKEW006W	11:11	06/28/2007	25.1	31	0.7	43.2	-1.3	0.09	52	11
HKEW006W	10:28	08/03/2007	24.7	30.2	0.5	44.6	-1.2	0.09	53	10
HKEW006W	16:30	09/28/2007	27.2	27.8	0	45	-0.8	0.1	51	11
HKEW006W	14:38	10/30/2007	31	31.4	0	37.6	0.1	0.06	51	8
HKEW006W	15:26	11/29/2007	27.4	25.1	0.6	46.9	-1.5	0.1	48	11
HKEW006W	11:16	12/27/2007	25.7	23.2	0.1	51	-1.6	0.08	47	10
HKEW007H	14:37	01/26/2007	37.6	21.2	0	41.2	0	-0.01	45 >>>	
HKEW007H	10:52	02/23/2007	31.7	24	1	43.3	-1.2	1.24	43 >>>	
HKEW007H	15:28	03/23/2007	31.8	28	0.2	40	-0.6	0.71	43 >>>	
HKEW007H	15:19	04/25/2007	29.2	25.9	0.2	44.7	-0.6	0.72	43 >>>	
HKEW007H	13:05	05/29/2007	27.7	26.4	0.3	45.6	-0.6	0.75	47 >>>	
HKEW007H	11:22	06/28/2007	29	31.9	0.8	38.3	-1.4	1.5	50 >>>	
HKEW007H	10:36	08/03/2007	25.9	27.6	1.6	44.9	-1.3	1.36	53 >>>	
HKEW007H	16:38	09/28/2007	30.7	27.9	0	41.4	-0.8	0.92	52 >>>	
HKEW007H	14:47	10/30/2007	31.2	30.1	0	38.7	0	0.01	50 >>>	
HKEW007H	15:34	11/29/2007	29	24.6	0.6	45.8	-1.7	1.68	47 >>>	
HKEW007H	11:26	12/27/2007	27.3	22.3	0	50.4	-1.9	1.9	45 >>>	
HKEW007W	14:35	01/26/2007	37.3	21.3	0	41.4	0	0.37	45	24
HKEW007W	10:50	02/23/2007	31.5	24.2	0.8	43.5	-1.2	0.08	43	10
HKEW007W	15:26	03/23/2007	32	27.7	0.2	40.1	-0.6	0.1	43	11
HKEW007W	15:17	04/25/2007	28.7	25.1	0.9	45.3	-0.6	0.12	43	12
HKEW007W	13:03	05/29/2007	27.5	27.1	0.3	45.1	-0.6	0.09	47	11
HKEW007W	11:20	06/28/2007	29.4	31.1	0.7	38.8	-1.4	0.07	50	8
HKEW007W	10:35	08/03/2007	27.5	29.1	0.7	42.7	-1.2	0.06	53	8
HKEW007W	16:37	09/28/2007	30.2	27.2	0	42.6	-0.8	0.08	52	9
HKEW007W	14:45	10/30/2007	30.8	30.1	0	39.1	0	0.14	50	13
HKEW007W	15:32	11/29/2007	29.5	24.7	0.3	45.5	-1.7	0.1	47	11
HKEW007W	11:25	12/27/2007	27.6	19.8	0.1	52.5	-1.8	0.1	45	12
HKEW008H	14:44	01/26/2007	15.9	17.8	0	66.3	0.1	-0.13	28 >>>	
HKEW008H	10:59	02/23/2007	8.5	18	2.7	70.8	-1.2	1.24	23 >>>	
HKEW008H	15:37	03/23/2007	9.6	21.3	0.2	68.9	-0.8	0.74	34 >>>	
HKEW008H	15:27	04/25/2007	7.2	19.6	0.2	73	-0.8	0.81	34 >>>	
HKEW008H	13:11	05/29/2007	7.2	19.6	0.3	72.9	-0.7	0.73	56 >>>	
HKEW008H	11:28	06/28/2007	8	23.1	0.7	68.2	-1.4	1.45	50 >>>	
HKEW008H	10:44	08/03/2007	7.8	22	0.6	69.6	-0.9	0	60 >>>	
HKEW008H	16:45	09/28/2007	9.8	21.6	0	68.6	-0.9	0.95	57 >>>	
HKEW008H	14:54	10/30/2007	12.2	23.9	0	63.9	0	0.06	52 >>>	
HKEW008H	15:43	11/29/2007	18.4	22.5	0.9	58.2	-1.6	1.62	16 >>>	
HKEW008H	11:36	12/27/2007	18.2	20.8	0.5	60.5	-1.8	1.79	24 >>>	
HKEW008W	14:42	01/26/2007	15.6	17.6	0	66.8	0.4	0	28 >>>	
HKEW008W	10:57	02/23/2007	6.8	14.8	7	71.4	-1.2	0.5	23 >>>	
HKEW008W	15:36	03/23/2007	9.9	21.9	0	68.2	-0.2	-0.01	34	0
HKEW008W	15:25	04/25/2007	7.1	19.9	0	73	-0.2	0	34	0
HKEW008W	13:09	05/29/2007	7.1	20.1	0	72.8	-0.3	0	56	0
HKEW008W	11:26	06/28/2007	8.2	22.3	0.5	69	-0.9	0	50	0
HKEW008W	10:42	08/03/2007	7.6	22.5	0.3	69.6	-0.8	0	60	0
HKEW008W	16:43	09/28/2007	9.8	21.6	0	68.6	-0.4	0	57	0
HKEW008W	14:52	10/30/2007	12.5	24.1	0	63.4	0.4	0	52	0

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW008W	15:40	11/29/2007	7	15.8	5.4	71.8	-0.9	0	16 >>>	
HKEW008W	11:34	12/27/2007	5.3	12.9	7.1	74.7	-1.2	0	24 >>>	
HKEW009H	14:52	01/26/2007	25.3	19.7	0	55	0	-0.12	41 >>>	
HKEW009H	11:06	02/23/2007	12.8	18.2	3.2	65.8	-1.1	1.2	40 >>>	
HKEW009H	15:44	03/23/2007	17.1	23.8	0.2	58.9	-0.6	0.74	37 >>>	
HKEW009H	15:34	04/25/2007	15.2	21.9	0.2	62.7	-0.6	0.7	40 >>>	
HKEW009H	13:17	05/29/2007	15	22.7	0.2	62.1	-0.6	0.7	45 >>>	
HKEW009H	11:35	06/28/2007	15.2	25.6	1	58.2	-1.4	1.42	50 >>>	
HKEW009H	10:51	08/03/2007	14.6	25.1	0.4	59.9	-1.2	1.3	52 >>>	
HKEW009H	16:51	09/28/2007	16.8	24.3	0	58.9	-0.8	0.88	52 >>>	
HKEW009H	15:00	10/30/2007	19.5	27.1	0	53.4	0	0.08	52 >>>	
HKEW009H	15:49	11/29/2007	12.3	21.1	0.8	65.8	-1.5	1.58	46 >>>	
HKEW009H	11:47	12/27/2007	11.8	19.1	0.1	69	-1.7	1.76	44 >>>	
HKEW009W	14:50	01/26/2007	25.1	19.6	0	55.3	0.1	0.2	41	17
HKEW009W	11:04	02/23/2007	15.2	20.8	0.6	63.4	-0.6	0	40	0
HKEW009W	15:42	03/23/2007	17.7	24.5	0	57.8	-0.3	0	37	0
HKEW009W	15:32	04/25/2007	15.4	22.4	0	62.2	-0.3	0.01	40	1
HKEW009W	13:16	05/29/2007	15.1	23.3	0.1	61.5	-0.5	0.02	45	3
HKEW009W	11:33	06/28/2007	15.3	25.9	0.6	58.2	-1.2	0.04	50	4
HKEW009W	10:49	08/03/2007	14.8	25.3	0.4	59.5	-1.1	0.04	52	4
HKEW009W	16:49	09/28/2007	16.8	24.2	0	59	-0.6	0.03	52	4
HKEW009W	14:58	10/30/2007	19.4	27.3	0	53.3	0.3	0	52	0
HKEW009W	15:47	11/29/2007	13	21.4	0.4	65.2	-1.2	0.03	46	4
HKEW009W	11:45	12/27/2007	12.2	19.2	0	68.6	-1.2	0	45	0
HKEW010H	14:59	01/26/2007	36.7	22.7	0	40.6	0	-0.06	41 >>>	
HKEW010H	11:13	02/23/2007	33.2	25.8	1.2	39.8	-1	1.14	43 >>>	
HKEW010H	15:50	03/23/2007	33.5	30.7	0.2	35.6	-0.6	0.72	43 >>>	
HKEW010H	15:40	04/25/2007	29.9	28.2	0.2	41.7	-0.6	0.66	40 >>>	
HKEW010H	13:24	05/29/2007	26.3	28.7	0.2	44.8	-0.6	0.71	44 >>>	
HKEW010H	11:42	06/28/2007	30.9	34	0.6	34.5	-1.3	1.4	45 >>>	
HKEW010H	10:58	08/03/2007	28.9	32.8	0.4	37.9	-1.2	1.22	47 >>>	
HKEW010H	16:58	09/28/2007	29.9	29.8	0	40.3	-0.9	0.92	49 >>>	
HKEW010H	15:06	10/30/2007	30.7	31.6	0	37.7	0	0.12	49 >>>	
HKEW010H	15:57	11/29/2007	28.6	25.3	0.9	45.2	-1.5	1.52	46 >>>	
HKEW010H	13:18	12/27/2007	27.5	23.7	0	48.8	-1.6	1.63	45 >>>	
HKEW010W	14:57	01/26/2007	37.2	22.8	0	40	0	0.01	41	1
HKEW010W	11:11	02/23/2007	32.7	25.5	1.4	40.4	-1.1	0.08	43	10
HKEW010W	15:48	03/23/2007	33.4	30.7	0.3	35.6	-0.6	0.05	43	6
HKEW010W	15:38	04/25/2007	29.4	27.6	0.5	42.5	-0.6	0.08	40	10
HKEW010W	13:22	05/29/2007	27.5	27.9	0.1	44.5	-0.6	0.06	44	7
HKEW010W	11:40	06/28/2007	29.4	32.7	0.7	37.2	-1.3	0.08	45	9
HKEW010W	10:55	08/03/2007	28.3	31.5	0.8	39.4	-1.2	0.08	47	9
HKEW010W	16:56	09/28/2007	29.9	29.6	0	40.5	-0.8	0.07	49	9
HKEW010W	15:04	10/30/2007	30	32	0	38	0	0.04	49	4
HKEW010W	15:55	11/29/2007	28.5	25.9	0.4	45.2	-1.4	0.09	46	11
HKEW010W	13:16	12/27/2007	27.6	23.7	0	48.7	-1.5	0.12	45	12
HKEW011H	15:07	01/26/2007	36.4	22.5	0	41.1	0	0	37 >>>	
HKEW011H	11:20	02/23/2007	2.3	15.7	1.8	80.2	-1	1.14	51 >>>	
HKEW011H	15:57	03/23/2007	2.9	17.4	1.5	78.2	-0.7	0.72	50 >>>	

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW011H	15:47	04/25/2007	1.5	15.7	1.9	80.9	-0.6	0.72	52 >>>	
HKEW011H	13:32	05/29/2007	1.4	15.6	2.3	80.7	-0.6	0.72	57 >>>	
HKEW011H	11:50	06/28/2007	2.1	18.3	3.1	76.5	-1.3	1.35	60 >>>	
HKEW011H	11:05	08/03/2007	2.1	17.6	2.5	77.8	-1	1.12	65 >>>	
HKEW011H	17:05	09/28/2007	3.4	18.2	0.8	77.6	-0.2	0.28	64 >>>	
HKEW011H	15:14	10/30/2007	6.3	21	0.1	72.6	0	0	59 >>>	
HKEW011H	16:04	11/29/2007	1.8	16.7	0.9	80.6	-1	1.03	48 >>>	
HKEW011H	13:30	12/27/2007	2	15.2	0.9	81.9	-1	1.09	55 >>>	
HKEW011W	15:06	01/26/2007	36.6	22.5	0	40.9	0	0.02	37	2
HKEW011W	11:18	02/23/2007	2.4	15.9	1.5	80.2	-0.6	0.02	51	3
HKEW011W	15:56	03/23/2007	2.9	17.6	1.3	78.2	-0.4	0.01	50	1
HKEW011W	15:45	04/25/2007	1.6	15.6	1.7	81.1	-0.4	0.01	52	2
HKEW011W	13:30	05/29/2007	1.6	15.9	2	80.5	-0.4	0.02	57	1
HKEW011W	11:48	06/28/2007	2	18.1	3.2	76.7	-0.9	0.04	60	4
HKEW011W	11:03	08/03/2007	2.2	18.4	2.2	77.2	-0.6	0.02	65	2
HKEW011W	17:03	09/28/2007	3.4	18.1	0.8	77.7	-0.2	0	64	0
HKEW011W	15:12	10/30/2007	6.2	21.3	0	72.5	0	0.02	59	2
HKEW011W	16:02	11/29/2007	1.8	16.7	1.1	80.4	-0.6	0.02	48	2
HKEW011W	13:27	12/27/2007	1.9	15.4	0.9	81.8	-0.6	0.01	55	1
HKEW012H	15:19	01/26/2007	29.9	21.5	0	48.6	0.1	-0.16	28 >>>	
HKEW012H	11:28	02/23/2007	23.5	21.9	1.3	53.3	-0.1	0.25	23 >>>	
HKEW012H	16:07	03/23/2007	25.9	25.7	0.2	48.2	0	0.11	48 >>>	
HKEW012H	15:54	04/25/2007	21.6	24.2	0	54.2	0	0.01	51 >>>	
HKEW012H	16:00	05/31/2007	18.5	24.4	0.3	56.8	-0.1	0.23	73 >>>	
HKEW012H	13:17	06/28/2007	21.2	28	1.6	49.2	-0.2	0.26	72 >>>	
HKEW012H	11:17	08/03/2007	21.3	28.1	0.1	50.5	-0.2	0.31	76 >>>	
HKEW012H	17:11	09/28/2007	23.7	27.5	0	48.8	-0.1	0.14	63 >>>	
HKEW012H	15:21	10/30/2007	25.3	29.1	0	45.6	0.2	-0.3	60 >>>	
HKEW012H	13:44	12/27/2007	17.3	19.7	2.3	60.7	-0.3	0.42	25 >>>	
HKEW012W	15:17	01/26/2007	30.1	22.2	0	47.7	0.1	0	28 >>>	
HKEW012W	11:26	02/23/2007	17.8	17.1	6.5	58.6	-0.3	-0.01	23 >>>	
HKEW012W	16:05	03/23/2007	22.7	22.5	2.7	52.1	0	0	48	0
HKEW012W	15:53	04/25/2007	20.7	22.6	1.3	55.4	0	0	51	0
HKEW012W	15:58	05/31/2007	17.8	23.8	1.4	57	-0.2	0	73	0
HKEW012W	13:15	06/28/2007	13.4	17.8	7.8	61	-0.2	0	72	0
HKEW012W	11:15	08/03/2007	20.9	28.4	0.6	50.1	-0.3	0	65	0
HKEW012W	17:10	09/28/2007	22.4	25.5	1.2	50.9	-0.1	0	63	0
HKEW012W	15:19	10/30/2007	25	29.3	0	45.7	0.3	0	60	0
HKEW012W	13:42	12/27/2007	17.1	20.1	2.8	60	-0.4	0.01	25 >>>	
HKEW013H	15:27	01/26/2007	17.5	18.3	0.3	63.9	0	-0.05	30 >>>	
HKEW013H	11:35	02/23/2007	6.3	11.3	10.3	72.1	0	0.17	23 >>>	
HKEW013H	16:13	03/23/2007	6	12.3	9.7	72	0	0.08	49 >>>	
HKEW013H	16:01	04/25/2007	7.2	15.9	6.6	70.3	0	0	52 >>>	
HKEW013H	16:07	05/31/2007	7.2	16	6.5	70.3	-0.1	0.16	74 >>>	
HKEW013H	13:25	06/28/2007	8.2	18.6	6.7	66.5	0	-0.16	73 >>>	
HKEW013H	11:25	08/03/2007	6.2	14.3	7.3	72.2	-0.2	0.2	80 >>>	
HKEW013H	17:18	09/28/2007	11.4	20.6	4.1	63.9	0	0.09	61 >>>	
HKEW013H	15:28	10/30/2007	13.5	21.6	4.5	60.4	0.2	-0.21	60 >>>	
HKEW013H	13:59	12/27/2007	5	10.8	10.6	73.6	-0.2	0.26	26 >>>	

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW013W	15:25	01/26/2007	17.9	19	0	63.1	0	0	30 >>>	
HKEW013W	11:33	02/23/2007	5.4	9.5	11.2	73.9	-0.1	0	23 >>>	
HKEW013W	16:12	03/23/2007	5.3	10.3	11	73.4	0	0	49	0
HKEW013W	15:59	04/25/2007	7.1	15.5	6.6	70.8	0	0	52	0
HKEW013W	16:05	05/31/2007	7.3	15.6	6.6	70.5	-0.1	0	74	0
HKEW013W	13:23	06/28/2007	7.3	16.4	7.2	69.1	-0.1	-0.01	73	0
HKEW013W	11:24	08/03/2007	6.2	12.9	8.4	72.5	-0.1	0	80	0
HKEW013W	17:16	09/28/2007	11.1	20	4.6	64.3	0	0	61	0
HKEW013W	15:26	10/30/2007	17.5	26.7	0	55.8	0.2	0	60	0
HKEW013W	13:57	12/27/2007	4.2	9.3	11.6	74.9	-0.2	0	26 >>>	
HKEW014H	15:34	01/26/2007	32	21.7	0	46.3	0	-0.05	32 >>>	
HKEW014H	11:42	02/23/2007	6.1	18.6	0.9	74.4	-1	1.07	40 >>>	
HKEW014H	16:21	03/23/2007	6.2	20.3	0.3	73.2	-0.6	0.72	43 >>>	
HKEW014H	16:08	04/25/2007	4.4	19.3	0.2	76.1	-0.6	0.61	45 >>>	
HKEW014H	16:13	05/31/2007	4.9	19.8	0.5	74.8	-0.8	0.86	50 >>>	
HKEW014H	13:32	06/28/2007	5.4	23.8	0.7	70.1	-0.9	0.91	53 >>>	
HKEW014H	11:33	08/03/2007	5.6	22.1	0.6	71.7	-0.9	0.94	55 >>>	
HKEW014H	17:25	09/28/2007	7.9	21.6	0.1	70.4	-0.6	0.63	55 >>>	
HKEW014H	15:37	10/30/2007	12.3	25.7	0	62	0.2	-0.22	54 >>>	
HKEW014H	14:10	12/27/2007	4.9	17.6	0.1	77.4	-1.2	1.39	48 >>>	
HKEW014W	15:32	01/26/2007	31.5	21.5	0	47	0	0	32	0
HKEW014W	11:40	02/23/2007	6.3	18.6	1.2	73.9	-0.2	0.01	40	1
HKEW014W	16:19	03/23/2007	6.8	20.8	0.2	72.2	-0.3	0.02	43	2
HKEW014W	16:06	04/25/2007	4.1	19.2	0.1	76.6	-0.3	0.05	45	6
HKEW014W	16:12	05/31/2007	4.7	19.7	0.5	75.1	-0.4	0.04	50	5
HKEW014W	13:30	06/28/2007	5.3	24.3	0.4	70	-0.6	0.05	53	6
HKEW014W	11:31	08/03/2007	5.3	21.4	0.4	72.9	-0.6	0.06	55	8
HKEW014W	17:23	09/28/2007	7.8	21.5	0	70.7	-0.4	0.02	55	3
HKEW014W	15:35	10/30/2007	12.2	25.6	0	62.2	0.2	0	54	0
HKEW014W	14:07	12/27/2007	4.9	17.3	0.5	77.3	-0.8	0.08	48	10
HKEW015H	15:41	01/26/2007	27.2	19.9	0	52.9	0	0.02	34 >>>	
HKEW015H	11:49	02/23/2007	4	16.7	1.9	77.4	-0.9	0.98	49 >>>	
HKEW015H	16:28	03/23/2007	4.8	19	0.7	75.5	-0.6	0.66	49 >>>	
HKEW015H	16:16	04/25/2007	3.9	17.4	1.1	77.6	-0.6	0.66	53 >>>	
HKEW015H	16:20	05/31/2007	5.5	18.1	1.5	74.9	-0.8	0.86	61 >>>	
HKEW015H	13:40	06/28/2007	5.1	20.7	2	72.2	-0.9	0.98	64 >>>	
HKEW015H	11:39	08/03/2007	4.5	19	1.6	74.9	-0.9	0.96	67 >>>	
HKEW015H	17:33	09/28/2007	5	19.7	0.8	74.5	-0.3	0.4	63 >>>	
HKEW015H	15:45	10/30/2007	16.2	26.3	0	57.5	0	-0.09	57 >>>	
HKEW015H	14:21	12/27/2007	1.6	15.3	1.7	81.4	-1.4	1.37	55 >>>	
HKEW015W	15:39	01/26/2007	27	19.9	0	53.1	0	-0.24	34	0
HKEW015W	11:47	02/23/2007	3.9	16.4	1.9	77.8	-0.4	0	49	0
HKEW015W	16:27	03/23/2007	4.9	19.4	0.5	75.2	-0.3	0	49	0
HKEW015W	16:14	04/25/2007	3.9	17.7	0.9	77.5	-0.3	0	53	0
HKEW015W	16:18	05/31/2007	5.4	18.7	1.3	74.6	-0.5	0	61	0
HKEW015W	13:38	06/28/2007	4.9	21	1.8	72.3	-0.6	0.01	64	1
HKEW015W	11:37	08/03/2007	4.6	20	1.4	74	-0.5	0.02	67	2
HKEW015W	17:31	09/28/2007	4.8	19.3	0.7	75.2	-0.3	-0.01	63	0
HKEW015W	15:43	10/30/2007	15.9	26.1	0	58	0.1	0	57	0

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW015W	14:19	12/27/2007	1.5	15.4	1.7	81.4	-0.8	0.02	55	2
HKEW016H	15:48	01/26/2007	24.3	20.1	0	55.6	0	-0.01	41 >>>	
HKEW016H	13:22	02/27/2007	2.7	16.1	2.8	78.4	-1.6	1.59	49 >>>	
HKEW016H	16:37	03/23/2007	12.7	22.8	0.2	64.3	-0.6	0.71	45 >>>	
HKEW016H	16:23	04/25/2007	9.9	20.4	0.2	69.5	-0.6	0.66	43 >>>	
HKEW016H	16:26	05/31/2007	5.8	18.5	1.1	74.6	-0.8	0.81	50 >>>	
HKEW016H	13:47	06/28/2007	3.3	18.6	3.6	74.5	-0.8	0.91	57 >>>	
HKEW016H	11:46	08/03/2007	3	17	2.5	77.5	-0.9	0.92	61 >>>	
HKEW016H	17:39	09/28/2007	4.8	19.2	1.7	74.3	-0.6	0.68	60 >>>	
HKEW016H	15:52	10/30/2007	18.1	27.1	0	54.8	0	0	58 >>>	
HKEW016H	14:30	12/27/2007	1.9	14.9	2.8	80.4	-1.2	1.34	56 >>>	
HKEW016W	15:46	01/26/2007	24.2	20	0	55.8	0	0.02	41	2
HKEW016W	13:20	02/27/2007	2.8	16	3.1	78.1	-1.5	0.08	49	10
HKEW016W	16:35	03/23/2007	13.3	23.3	0.3	63.1	-0.7	0.01	45	1
HKEW016W	16:21	04/25/2007	10	20.5	0.2	69.3	-0.6	0.01	43	1
HKEW016W	16:25	05/31/2007	5.3	18.4	1	75.3	-0.8	0.02	50	2
HKEW016W	13:45	06/28/2007	4	18.3	3.6	74.1	-0.8	0.06	57	7
HKEW016W	11:44	08/03/2007	2.9	17.9	2.5	76.7	-0.9	0.05	61	6
HKEW016W	17:38	09/28/2007	4.8	18.9	1.7	74.6	-0.6	0.03	60	4
HKEW016W	15:50	10/30/2007	18.3	26.9	0	54.8	0.1	0	58	0
HKEW016W	14:28	12/27/2007	1.9	15	2.8	80.3	-1.2	0.1	56	10
HKEW017H	15:56	01/26/2007	54.4	25.4	0	20.2	0	0.01	41 >>>	
HKEW017H	13:29	02/27/2007	43.4	28.2	0.9	27.5	-1.6	1.63	0 >>>	
HKEW017H	16:44	03/23/2007	45.3	33.8	0.2	20.7	-0.7	0.74	45 >>>	
HKEW017H	16:29	04/25/2007	41.6	30.8	0.1	27.5	-0.6	0.65	43 >>>	
HKEW017H	16:32	05/31/2007	39	31.8	0.3	28.9	-0.8	0.84	0 >>>	
HKEW017H	13:53	06/28/2007	42.8	37.8	0.3	19.1	-0.9	0.95	0 >>>	
HKEW017H	11:52	08/03/2007	39.8	36.6	0.4	23.2	-0.9	0.95	0 >>>	
HKEW017H	17:45	09/28/2007	47.4	34.8	0	17.8	-0.6	0.72	0 >>>	
HKEW017H	16:00	10/30/2007	50	38.6	0	11.4	0.1	-0.1	1 >>>	
HKEW017H	14:40	12/27/2007	42.3	26.6	0	31.1	-1.4	1.55	37 >>>	
HKEW017W	15:54	01/26/2007	55.2	25.2	0	19.6	0	0.25	41	20
HKEW017W	13:27	02/27/2007	43.2	28.5	0.9	27.4	-1.6	0	0 >>>	
HKEW017W	16:42	03/23/2007	44.8	33.9	0.2	21.1	-0.6	0.02	45	2
HKEW017W	16:27	04/25/2007	41.8	31.6	0.1	26.5	-0.6	0	43	0
HKEW017W	16:30	05/31/2007	38.7	31	0.4	29.9	-0.7	0	0 >>>	
HKEW017W	13:51	06/28/2007	42.5	38	0.3	19.2	-0.9	0	0 >>>	
HKEW017W	11:50	08/03/2007	40.9	36.8	0.4	21.9	-0.9	0	0 >>>	
HKEW017W	17:44	09/28/2007	46.9	34.8	0	18.3	-0.6	0	0 >>>	
HKEW017W	15:58	10/30/2007	49.1	39.3	0	11.6	0	0.02	1 >>>	
HKEW017W	14:38	12/27/2007	42.1	26.7	0	31.2	-1.5	0	37	0
HKEW018H	16:03	01/26/2007	66.2	27.8	0	6	0	0.06	36 >>>	
HKEW018H	13:37	02/27/2007	57	33.7	0.9	8.4	-1.6	1.69	27 >>>	
HKEW018H	16:50	03/23/2007	58.2	38.6	0.2	3	-0.8	0.79	34 >>>	
HKEW018H	15:08	04/27/2007	56	35.6	0.6	7.8	-1.1	1.12	40 >>>	
HKEW018H	16:39	05/31/2007	55.2	37.2	0.3	7.3	-0.8	0.86	55 >>>	
HKEW018H	13:59	06/28/2007	56.7	42.9	0.4	0	-0.9	0.96	62 >>>	
HKEW018H	14:23	08/03/2007	54.6	43.5	0.3	1.6	-0.6	0.64	65 >>>	
HKEW018H	17:51	09/28/2007	51.7	37.7	0	10.6	-0.7	0.71	57 >>>	

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW018H	16:06	10/30/2007	55.7	42.4	0	1.9	0.1	-0.12	52 >>>	
HKEW018H	14:50	12/27/2007	56.4	29.6	0	14	-1.5	1.58	32 >>>	
HKEW018W	16:01	01/26/2007	66.3	27.9	0	5.8	0	0	36	0
HKEW018W	13:35	02/27/2007	57.3	34.3	1	7.4	-1.6	-0.01	27 >>>	
HKEW018W	16:49	03/23/2007	58.1	38.7	0.3	2.9	-0.7	0	34	0
HKEW018W	15:06	04/27/2007	55.8	36.4	0.6	7.2	-1	0	40	0
HKEW018W	16:37	05/31/2007	55.3	37.5	0.3	6.9	-0.8	0	55	0
HKEW018W	13:57	06/28/2007	57.6	42	0.4	0	-0.9	0	0 >>>	
HKEW018W	13:58	06/28/2007	57.6	42	0.4	0	-0.9	0	62	0
HKEW018W	14:21	08/03/2007	54.4	43.6	0.3	1.7	-0.6	0	65	0
HKEW018W	17:49	09/28/2007	50.5	37.7	0	11.8	-0.7	0	0 >>>	
HKEW018W	16:04	10/30/2007	56.4	42.4	0	1.2	0.1	0	52	0
HKEW018W	14:48	12/27/2007	57.1	30.1	0	12.8	-1.5	0	32	0
HKEW019H	16:09	01/26/2007	57.9	27.6	0	14.5	0	0.1	37 >>>	
HKEW019H	13:47	02/27/2007	34.1	21.2	8.5	36.2	-1.7	1.75	25 >>>	
HKEW019H	11:32	03/23/2007	54.3	38.8	0.6	6.3	-1.1	1.2	35 >>>	
HKEW019H	14:59	04/27/2007	53.2	36.7	0.6	9.5	-1.1	1.15	40 >>>	
HKEW019H	14:33	05/25/2007	37.1	36.9	0.5	25.5	-1	1.08	49 >>>	
HKEW019H	14:06	06/28/2007	53.4	45.6	0.4	0.6	-0.9	0.95	58 >>>	
HKEW019H	14:29	08/03/2007	49.2	44.1	0.2	6.5	-0.6	0.66	62 >>>	
HKEW019H	14:34	09/27/2007	47.1	40.2	0	12.7	-0.4	0.48	55 >>>	
HKEW019H	17:57	09/28/2007	48.7	38.5	0	12.8	-0.6	0.72	54 >>>	
HKEW019H	16:13	10/30/2007	48.3	42.2	0	9.5	0	-0.09	47 >>>	
HKEW019H	15:02	12/27/2007	47.6	30.1	0	22.3	-1.6	1.64	34 >>>	
HKEW019W	15:23	01/24/2007	55.9	1.3	0.9	41.9	-1.2	-0.02	32	0
HKEW019W	16:08	01/26/2007	58.8	27.9	0	13.3	0	0	37	0
HKEW019W	13:46	02/27/2007	4.9	3.1	17.2	74.8	0	-0.16	25 >>>	
HKEW019W	11:30	03/23/2007	54.2	39	0.6	6.2	-1.2	0	35	0
HKEW019W	14:57	04/27/2007	53	36.9	0.7	9.4	-1.1	0	40	0
HKEW019W	14:31	05/25/2007	37.5	36.2	0.5	25.8	-1	0	49	0
HKEW019W	14:04	06/28/2007	53.4	45.8	0.8	0	-0.9	-0.01	58	0
HKEW019W	14:28	08/03/2007	48.9	43.4	0.1	7.6	-0.6	0	62	0
HKEW019W	14:30	09/27/2007	45.7	40.1	0	14.2	-0.4	0	55	0
HKEW019W	17:56	09/28/2007	48.3	38.5	0	13.2	-0.6	0	54	0
HKEW019W	16:11	10/30/2007	48.6	42.2	0	9.2	0	0	47	0
HKEW019W	15:00	12/27/2007	47.3	30.1	0	22.6	-1.6	0	34	0
HKEW020H	15:33	01/24/2007	61	26.5	0.8	11.7	-1.3	1.34	40 >>>	
HKEW020H	13:55	02/27/2007	56.4	35.2	1.1	7.3	-1.8	1.82	34 >>>	
HKEW020H	16:59	03/23/2007	57.8	40.8	0.3	1.1	-0.8	0.9	40 >>>	
HKEW020H	15:55	04/27/2007	55.5	38.4	0.6	5.5	-1.2	1.22	41 >>>	
HKEW020H	15:12	05/25/2007	52.3	41.6	0.6	5.5	-1	1.02	43 >>>	
HKEW020H	14:13	06/28/2007	55.8	43.6	0.6	0	-1	1.06	49 >>>	
HKEW020H	14:36	08/03/2007	51.5	44.6	0.3	3.6	-0.7	0.76	52 >>>	
HKEW020H	18:04	09/28/2007	54.3	41	0	4.7	-0.7	0.8	50 >>>	
HKEW020H	16:19	10/30/2007	48.8	40.2	0.9	10.1	0	0	49 >>>	
HKEW020H	15:27	12/27/2007	49.9	30.2	0	19.9	-1.9	1.88	41 >>>	
HKEW020W	15:31	01/24/2007	60.4	27.2	1	11.4	-1.3	0.12	40	13
HKEW020W	13:53	02/27/2007	55.8	34	1.5	8.7	-1.8	0.34	34	23
HKEW020W	16:57	03/23/2007	56.8	39.8	0.7	2.7	-0.8	0.02	40	3

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW020W	15:04	04/27/2007	56.9	35.6	0.6	6.9	-1	0	43	0
HKEW020W	15:53	04/27/2007	54.2	37	1.1	7.7	-1.1	0.02	41	2
HKEW020W	15:11	05/25/2007	51.6	41.2	0.8	6.4	-0.9	0.02	43	2
HKEW020W	14:11	06/28/2007	55.8	43.7	0.5	0	-1	0	49	1
HKEW020W	14:34	08/03/2007	50.9	43.8	0.2	5.1	-0.7	0.02	52	3
HKEW020W	18:02	09/28/2007	54.7	40	0	5.3	-0.8	0.02	50	3
HKEW020W	16:17	10/30/2007	51.7	42.9	0	5.4	0	0.1	49	11
HKEW020W	15:24	12/27/2007	49.9	30.1	0	20	-1.8	0	41	0
HKEW021H	15:42	01/24/2007	50.5	21.9	2.2	25.4	-1.6	1.53	40 >>>	
HKEW021H	14:04	02/27/2007	52.1	31.7	1.1	15.1	-1.9	1.98	37 >>>	
HKEW021H	17:07	03/23/2007	54.5	37	0.4	8.1	-1	1.08	40 >>>	
HKEW021H	16:03	04/27/2007	50.4	34	0.7	14.9	-1.4	1.44	40 >>>	
HKEW021H	15:19	05/25/2007	48.3	37.2	0.7	13.8	-1.3	1.31	43 >>>	
HKEW021H	14:20	06/28/2007	50.8	40.5	1.5	7.2	-1.3	1.41	47 >>>	
HKEW021H	14:44	08/03/2007	47.7	41.6	0.3	10.4	-1	1.07	50 >>>	
HKEW021H	18:11	09/28/2007	49.1	37.4	0	13.5	-1	1.14	50 >>>	
HKEW021H	14:16	11/01/2007	48.6	39.4	0	12	-1.3	1.32	50 >>>	
HKEW021H	15:41	12/27/2007	46	28.6	0	25.4	-2.1	2.17	41 >>>	
HKEW021W	15:40	01/24/2007	55.3	24.2	0.9	19.6	-1.5	0.01	40	1
HKEW021W	14:02	02/27/2007	52.2	31.2	1.2	15.4	-2	0	37	0
HKEW021W	17:05	03/23/2007	53.6	36.9	0.4	9.1	-1	0.02	40	2
HKEW021W	16:01	04/27/2007	49.1	32.9	1.1	16.9	-1.4	0.04	40	6
HKEW021W	15:18	05/25/2007	47.7	36.5	0.8	15	-1.2	0.03	43	4
HKEW021W	14:18	06/28/2007	52	42	0.9	5.1	-1.4	0.04	47	4
HKEW021W	14:42	08/03/2007	47.7	39.8	0.5	12	-1	0.03	50	4
HKEW021W	18:09	09/28/2007	48	38.1	0	13.9	-1	0.03	50	4
HKEW021W	14:14	11/01/2007	48.2	39	0	12.8	-1.2	0.04	50	5
HKEW021W	15:39	12/27/2007	47	28.5	0	24.5	-2.2	0.01	41	1
HKEW022H	15:49	01/24/2007	11.3	15.5	0.9	72.3	-1.7	1.68	40 >>>	
HKEW022H	14:14	02/27/2007	8.6	18.7	1.2	71.5	-2	2.04	38 >>>	
HKEW022H	17:13	03/23/2007	9.2	20.6	0.5	69.7	-1.2	1.26	37 >>>	
HKEW022H	16:10	04/27/2007	7.4	19.5	0.9	72.2	-1.5	1.62	41 >>>	
HKEW022H	15:26	05/25/2007	7.1	20	0.8	72.1	-1.4	1.43	43 >>>	
HKEW022H	14:28	06/28/2007	12	23.9	0.7	63.4	-1.5	1.53	47 >>>	
HKEW022H	14:50	08/03/2007	14.1	24.5	0.6	60.8	-1.3	1.34	51 >>>	
HKEW022H	18:18	09/28/2007	16.2	24.3	0.3	59.2	-1.4	1.42	50 >>>	
HKEW022H	14:23	11/01/2007	16.8	25.8	0	57.4	-1.6	1.61	49 >>>	
HKEW022H	15:52	12/27/2007	10.9	19.2	0	69.9	-2.4	2.43	43 >>>	
HKEW022W	15:47	01/24/2007	11.1	15.9	1	72	-1.5	0.02	40	2
HKEW022W	14:12	02/27/2007	8.5	18.7	1.3	71.5	-1.9	0.02	38	2
HKEW022W	17:11	03/23/2007	8.7	20.8	0.5	70	-1.2	0.02	37	3
HKEW022W	16:08	04/27/2007	7.2	19.1	0.8	72.9	-1.4	0.03	41	4
HKEW022W	15:25	05/25/2007	7.3	20.4	0.7	71.6	-1.4	0.02	43	2
HKEW022W	14:26	06/28/2007	11.6	23.8	0.7	63.9	-1.4	0.02	47	3
HKEW022W	14:48	08/03/2007	13.6	24.3	0.6	61.5	-1.2	0.03	51	3
HKEW022W	18:16	09/28/2007	16.4	25.1	0	58.5	-1.2	0.03	50	3
HKEW022W	14:21	11/01/2007	16.7	25.8	0	57.5	-1.5	0.04	49	5
HKEW022W	15:50	12/27/2007	10.9	19.3	0	69.8	-2.2	0.04	43	6
HKEW023H	15:57	01/24/2007	16.2	16.9	0.8	66.1	-1.6	1.69	40 >>>	

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW023H	14:21	02/27/2007	12.8	20.4	1	65.8	-2	1.97	38 >>>	
HKEW023H	17:19	03/23/2007	13.5	23.4	0.5	62.6	-1.1	1.22	38 >>>	
HKEW023H	16:16	04/27/2007	11.8	21.1	0.8	66.3	-1.5	1.61	41 >>>	
HKEW023H	15:32	05/25/2007	12.2	23.1	0.8	63.9	-1.4	1.4	42 >>>	
HKEW023H	14:34	06/28/2007	16.3	27.7	0.7	55.3	-1.5	1.5	51 >>>	
HKEW023H	14:57	08/03/2007	16.4	27.4	0.8	55.4	-1.2	1.32	51 >>>	
HKEW023H	14:31	11/01/2007	21	28.5	0	50.5	-1.6	1.6	49 >>>	
HKEW023H	16:03	12/27/2007	15.8	20.6	0	63.6	-2.4	2.46	42 >>>	
HKEW023W	15:56	01/24/2007	16.1	15.8	0.8	67.3	-1.6	0.02	40	2
HKEW023W	14:20	02/27/2007	12.3	20.6	1.1	66	-1.9	0.02	38	1
HKEW023W	17:18	03/23/2007	13.3	23.3	0.5	62.9	-1.2	0.01	38	1
HKEW023W	16:15	04/27/2007	11.7	21	0.7	66.6	-1.5	0.01	41	1
HKEW023W	15:31	05/25/2007	12.3	23	0.7	64	-1.3	0.02	42	1
HKEW023W	14:33	06/28/2007	16.5	27.4	0.9	55.2	-1.4	0.02	51	2
HKEW023W	14:55	08/03/2007	16.7	27.5	0.5	55.3	-1.2	0.02	51	2
HKEW023W	18:22	09/28/2007	20.3	27.5	0.2	52	-1.4	0.02	50	3
HKEW023W	14:28	11/01/2007	20.8	27.9	0.2	51.1	-1.6	0.03	49	3
HKEW023W	16:01	12/27/2007	15.7	20	0	64.3	-2.4	0.1	42	12
HKEW024H	13:39	01/24/2007	8.5	15.9	0.6	75	-1.4	1.36	43 >>>	
HKEW024H	14:29	02/27/2007	6.2	18.4	1	74.4	-1.9	1.91	40 >>>	
HKEW024H	22:30	03/22/2007	6.4	20.3	0.9	72.4	-1.5	1.61	40 >>>	
HKEW024H	11:04	04/25/2007	4.8	18.5	1.1	75.6	-1.9	1.96	41 >>>	
HKEW024H	11:40	05/25/2007	4.7	19.8	1.2	74.3	-2	2.03	48 >>>	
HKEW024H	14:42	06/28/2007	6.3	22.7	0.7	70.3	-1.4	1.43	53 >>>	
HKEW024H	15:04	08/03/2007	6.3	22	0.6	71.1	-1.3	1.29	57 >>>	
HKEW024H	12:47	09/27/2007	10.1	23.5	0.3	66.1	-1.3	1.37	58 >>>	
HKEW024H	10:12	10/30/2007	12	25.6	0.1	62.3	-0.9	0.9	55 >>>	
HKEW024H	11:13	11/29/2007	8.8	20.2	0.2	70.8	-2.3	2.31	52 >>>	
HKEW024H	14:30	12/26/2007	8	22.5	0	69.5	-0.8	0.88	49 >>>	
HKEW024W	13:37	01/24/2007	7.6	15	1.9	75.5	-1.3	0.02	43	3
HKEW024W	14:27	02/27/2007	6	18.2	1	74.8	-1.9	0.04	40	5
HKEW024W	22:28	03/22/2007	6.1	18.3	2.8	72.8	-1.5	0.03	40	4
HKEW024W	11:02	04/25/2007	3.3	14.5	5.1	77.1	-1.9	0.06	41	7
HKEW024W	11:38	05/25/2007	4.6	18.7	2	74.7	-1.9	0.04	48	6
HKEW024W	14:40	06/28/2007	5.9	22.6	0.8	70.7	-1.4	0.03	53	3
HKEW024W	15:02	08/03/2007	6.6	22.1	0.7	70.6	-1.2	0.02	57	3
HKEW024W	12:45	09/27/2007	9.7	23.3	0.7	66.3	-1.3	0.04	58	4
HKEW024W	10:11	10/30/2007	11.4	25.1	0.2	63.3	-0.8	0.04	55	4
HKEW024W	11:11	11/29/2007	8.7	20.1	0.4	70.8	-2.2	0.08	52	10
HKEW024W	14:28	12/26/2007	8	22.3	0.1	69.6	-0.8	0.02	49	3
HKEW025H	13:47	01/24/2007	1.3	12.5	3.1	83.1	-1.4	1.35	50 >>>	
HKEW025H	14:37	02/27/2007	0.4	13.7	5.2	80.7	-1.9	1.9	48 >>>	
HKEW025H	22:37	03/22/2007	0.5	15.1	4	80.4	-1.6	1.57	48 >>>	
HKEW025H	11:11	04/25/2007	0.8	14	5.2	80	-1.9	1.95	49 >>>	
HKEW025H	11:47	05/25/2007	0.9	14.1	6.2	78.8	-2	2.02	55 >>>	
HKEW025H	14:49	06/28/2007	1.9	17.1	4.7	76.3	-1.5	1.48	61 >>>	
HKEW025H	15:11	08/03/2007	1.2	17.4	2.4	79	-0.8	0.83	66 >>>	
HKEW025H	12:54	09/27/2007	4.4	20.4	0.9	74.3	-0.9	0.93	64 >>>	
HKEW025H	10:20	10/30/2007	6.8	22.6	0.8	69.8	-0.5	0.54	60 >>>	

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW025H	11:20	11/29/2007	2.8	15.8	3.5	77.9	-2.1	2.18	59 >>>	
HKEW025H	14:39	12/26/2007	3.1	18.2	3.2	75.5	-0.8	0.89	56 >>>	
HKEW025W	13:45	01/24/2007	0.9	10.9	5.3	82.9	-1.2	0.01	50	1
HKEW025W	14:35	02/27/2007	0.3	13.4	5.2	81.1	-1.8	0.02	48	3
HKEW025W	22:35	03/22/2007	0.6	14.9	4	80.5	-1.5	0.01	48	1
HKEW025W	11:08	04/25/2007	0.7	12	6.7	80.6	-1.8	0.02	41	3
HKEW025W	11:45	05/25/2007	0.9	14.3	6.1	78.7	-1.9	0.04	55	4
HKEW025W	14:47	06/28/2007	1.9	16	5.7	76.4	-1.3	0.03	61	3
HKEW025W	15:09	08/03/2007	1.3	17.7	2.5	78.5	-0.8	0	66	0
HKEW025W	12:52	09/27/2007	4	19.7	1.3	75	-0.9	0	64	0
HKEW025W	10:18	10/30/2007	6.5	21.8	1.4	70.3	-0.4	0	60	1
HKEW025W	11:18	11/29/2007	2.1	12.8	6.6	78.5	-2	0.04	59	4
HKEW025W	14:37	12/26/2007	3.1	18.1	3	75.8	-0.8	0.02	56	2
HKEW026H	13:55	01/24/2007	18	19.7	1	61.3	-1.2	1.28	35 >>>	
HKEW026H	22:44	03/22/2007	13.6	25.1	0.6	60.7	-1.4	1.48	34 >>>	
HKEW026H	11:18	04/25/2007	11.6	23.6	0.7	64.1	-1.6	1.65	32 >>>	
HKEW026H	11:54	05/25/2007	14.5	24.6	0.7	60.2	-1.2	1.3	46 >>>	
HKEW026H	15:01	06/28/2007	14.7	26.7	0.5	58.1	-0.6	0.58	67 >>>	
HKEW026H	15:18	08/03/2007	13.8	24.8	0.4	61	-0.2	0.3	81 >>>	
HKEW026H	13:00	09/27/2007	20	26.2	0.9	52.9	-0.2	0.26	61 >>>	
HKEW026H	10:27	10/30/2007	27.4	32.7	0	39.9	0	0	63 >>>	
HKEW026H	14:53	12/26/2007	18.9	29.9	0	51.2	0	0	27 >>>	
HKEW026W	13:53	01/24/2007	18.3	20	0.6	61.1	-1.2	0	35	0
HKEW026W	14:30	02/28/2007	18.8	25.8	0	55.4	0	0	27 >>>	
HKEW026W	22:42	03/22/2007	12.2	23.8	2.2	61.8	-1.4	0	34	0
HKEW026W	11:16	04/25/2007	11.5	22.8	1.4	64.3	-1.5	0	32	0
HKEW026W	11:52	05/25/2007	14	25	1.1	59.9	-1.2	0	46	0
HKEW026W	14:59	06/28/2007	13.4	23.9	2.2	60.5	-0.5	0	67	0
HKEW026W	15:16	08/03/2007	13.1	24.1	0.8	62	-0.3	0	81	0
HKEW026W	12:59	09/27/2007	17.6	22.4	3.6	56.4	-0.2	0	61	0
HKEW026W	10:25	10/30/2007	27.4	32.6	0	40	0.2	0	63	0
HKEW026W	11:27	11/29/2007	13.1	14.5	10.6	61.8	-1.2	0	21 >>>	
HKEW026W	14:51	12/26/2007	18.8	29.6	0	51.6	0	0	27 >>>	
HKEW027H	14:03	01/24/2007	46.5	24.7	0.9	27.9	-1.2	1.19	41 >>>	
HKEW027H	14:40	02/28/2007	45.5	33.3	0	21.2	-0.3	0.4	40 >>>	
HKEW027H	22:52	03/22/2007	43.2	35.1	1.2	20.5	-1.4	1.46	40 >>>	
HKEW027H	11:25	04/25/2007	37.6	32.3	1	29.1	-1.6	1.64	35 >>>	
HKEW027H	13:57	05/25/2007	6.4	21.7	0.7	71.2	-0.9	0.92	55 >>>	
HKEW027H	13:31	06/04/2007	3.9	19.1	0.6	76.4	-0.9	0.99	58 >>>	
HKEW027H	15:09	06/28/2007	2.7	22.8	0.2	74.3	-0.7	0.73	65 >>>	
HKEW027H	15:25	08/03/2007	3.1	21.2	0	75.7	-0.4	0.45	77 >>>	
HKEW027H	13:09	09/27/2007	6.6	22.3	0.3	70.8	-0.4	0.41	57 >>>	
HKEW027H	10:34	10/30/2007	8.7	25.7	0	65.6	0.2	-0.3	43 >>>	
HKEW027H	11:38	11/29/2007	4.9	19.8	0.6	74.7	-1.4	1.51	34 >>>	
HKEW027H	15:06	12/26/2007	3.8	21.9	0	74.3	0	-0.01	29 >>>	
HKEW027W	14:01	01/24/2007	47	24.5	0.9	27.6	-1.1	0.06	41	7
HKEW027W	14:38	02/28/2007	46.3	32.9	0	20.8	-0.3	0.1	40	11
HKEW027W	22:50	03/22/2007	43.8	35.9	0.8	19.5	-1.4	0.03	40	4
HKEW027W	11:23	04/25/2007	37.7	33	0.9	28.4	-1.6	0	35	0

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW027W	13:55	05/25/2007	6.2	21.1	1.3	71.4	-0.9	0	105	0
HKEW027W	13:28	06/04/2007	4	19	0.8	76.2	-0.9	0	58	0
HKEW027W	15:07	06/28/2007	2.6	22.5	0.5	74.4	-0.6	0	65	0
HKEW027W	15:23	08/03/2007	3.2	20.9	0.2	75.7	-0.4	0	77	0
HKEW027W	13:07	09/27/2007	6.6	22	0.6	70.8	-0.4	-0.01	57	0
HKEW027W	10:32	10/30/2007	8.7	25.8	0	65.5	0.3	0	43	0
HKEW027W	11:35	11/29/2007	4.8	19.2	1	75	-1.6	0	34	0
HKEW027W	15:04	12/26/2007	3.8	21.9	0	74.3	0	0	29 >>>	
HKEW028H	14:12	01/24/2007	6.2	15.9	0.8	77.1	-1.2	1.24	37 >>>	
HKEW028H	14:49	02/28/2007	4.7	19.5	0.1	75.7	-0.6	0.55	35 >>>	
HKEW028H	11:03	03/23/2007	3.8	20.1	0.7	75.4	-1.4	1.44	36 >>>	
HKEW028H	11:34	04/25/2007	1.3	18.4	1.3	79	-1.6	1.6	36 >>>	
HKEW028H	14:05	05/25/2007	1.4	19.3	0.7	78.6	-0.9	0.9	48 >>>	
HKEW028H	15:16	06/28/2007	2.9	22.9	0.2	74	-0.7	0.75	55 >>>	
HKEW028H	13:16	09/27/2007	6.7	22.9	0	70.4	-0.4	0.41	55 >>>	
HKEW028H	10:42	10/30/2007	8.8	26.2	0	65	0.3	-0.34	43 >>>	
HKEW028H	11:46	11/29/2007	4.5	19.5	0.8	75.2	-1.4	1.4	41 >>>	
HKEW028H	15:19	12/26/2007	3.2	22	0	74.8	0	0.01	27 >>>	
HKEW028W	14:10	01/24/2007	5.1	14.2	2.8	77.9	-1.2	0	37	0
HKEW028W	14:47	02/28/2007	4.8	19.5	0.1	75.6	-0.4	0	35	0
HKEW028W	11:01	03/23/2007	3.7	19.9	1	75.4	-1.3	0	36	0
HKEW028W	11:32	04/25/2007	1.2	18.6	1.2	79	-1.6	0	36	0
HKEW028W	14:03	05/25/2007	1.4	19.8	0.6	78.2	-0.8	0	48	0
HKEW028W	15:15	06/28/2007	2.6	22.9	0.3	74.2	-0.6	-0.01	55	0
HKEW028W	15:30	08/03/2007	3.1	21	0.1	75.8	-0.4	0	66	0
HKEW028W	13:14	09/27/2007	6.8	22.6	0.1	70.5	-0.3	0	55	0
HKEW028W	10:40	10/30/2007	9.3	26	0	64.7	0.3	0	43	0
HKEW028W	11:44	11/29/2007	4.3	18.8	1.8	75.1	-1.4	0	41	0
HKEW028W	15:17	12/26/2007	3.3	21.7	0	75	0	0	27 >>>	
HKEW029H	14:20	01/24/2007	18	20	0.3	61.7	-1	1.01	36 >>>	
HKEW029H	14:58	02/28/2007	12.6	23.4	0	64	-0.1	0.21	35 >>>	
HKEW029H	11:10	03/23/2007	10.3	24.4	0.6	64.7	-1.1	1.2	35 >>>	
HKEW029H	11:40	04/25/2007	9.7	22.6	0.7	67	-1.5	1.58	35 >>>	
HKEW029H	14:13	05/25/2007	7.1	22.8	0.5	69.6	-1	1.1	43 >>>	
HKEW029H	15:24	06/28/2007	10.1	26.5	0.3	63.1	-0.8	0.9	49 >>>	
HKEW029H	13:22	09/27/2007	14.9	27.5	0.1	57.5	-0.5	0.6	50 >>>	
HKEW029H	10:49	10/30/2007	18.3	31.2	0	50.5	0	-0.06	46 >>>	
HKEW029H	11:54	11/29/2007	12.5	23.8	0.4	63.3	-1.4	1.52	42 >>>	
HKEW029H	15:30	12/26/2007	12.2	26.5	0	61.3	-0.4	0.45	39 >>>	
HKEW029W	14:18	01/24/2007	17.2	19.3	1	62.5	-0.9	0	36	0
HKEW029W	14:56	02/28/2007	12.8	21.7	0	65.5	-0.1	0.01	35	1
HKEW029W	11:08	03/23/2007	10.8	23.6	1.5	64.1	-1.2	0	35	0
HKEW029W	11:39	04/25/2007	9.4	22.2	1.1	67.3	-1.5	0	35	0
HKEW029W	14:10	05/25/2007	7.8	23.9	0.6	67.7	-1	0.01	43	1
HKEW029W	15:22	06/28/2007	10.2	26.7	0.3	62.8	-0.9	0	49	0
HKEW029W	13:20	09/27/2007	14.7	26.8	0.3	58.2	-0.6	0	50	0
HKEW029W	10:47	10/30/2007	18.4	31.5	0	50.1	0	0	46	0
HKEW029W	11:51	11/29/2007	12.5	21.2	0.7	65.6	-1.5	0	42	0
HKEW029W	15:29	12/26/2007	11.9	34.1	0	54	-0.3	0.01	39	1

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW030H	14:30	01/24/2007	52.1	26.2	0.5	21.2	-1	1.06	40 >>>	
HKEW030H	14:30	01/24/2007	52.1	26.2	0.5	21.2	-1.1	1.05	40 >>>	
HKEW030H	15:08	02/28/2007	45.6	33.9	0	20.5	-0.1	0.16	40 >>>	
HKEW030H	11:17	03/23/2007	43.1	37.9	0.6	18.4	-1.1	1.18	36 >>>	
HKEW030H	11:47	04/25/2007	39.2	33.7	1.3	25.8	-1.4	1.51	38 >>>	
HKEW030H	14:19	05/25/2007	36.3	38.3	0.6	24.8	-1	1.08	43 >>>	
HKEW030H	15:31	06/28/2007	38.9	42.6	0.3	18.2	-0.8	0.91	47 >>>	
HKEW030H	13:29	09/27/2007	36.5	37.9	0.3	25.3	-0.6	0.54	50 >>>	
HKEW030H	10:57	10/30/2007	42.9	41.1	0	16	0	-0.1	47 >>>	
HKEW030H	16:34	12/26/2007	40	37.1	0	22.9	-0.4	0.54	43 >>>	
HKEW030W	14:26	01/24/2007	51.2	26.3	0.6	21.9	-0.9	0	40	0
HKEW030W	15:06	02/28/2007	44.1	16.7	0	39.2	-0.1	0.02	40	2
HKEW030W	11:15	03/23/2007	42.8	37.2	0.6	19.4	-1.1	-0.02	36	0
HKEW030W	11:45	04/25/2007	39.6	34.4	0.8	25.2	-1.4	0	38	0
HKEW030W	14:18	05/25/2007	36.6	38.5	0.4	24.5	-1.1	0.01	43	1
HKEW030W	15:29	06/28/2007	39.2	43.2	0.4	17.2	-0.9	0.01	47	1
HKEW030W	13:28	09/27/2007	36.8	39.4	0.1	23.7	-0.5	0.02	50	2
HKEW030W	10:55	10/30/2007	42.8	41.3	0	15.9	0	0.04	47	4
HKEW030W	16:32	12/26/2007	40	37.2	0	22.8	-0.5	0.02	43	3
HKEW031H	14:46	01/24/2007	25.5	22	0.6	51.9	-1.1	1.14	37 >>>	
HKEW031H	15:25	02/28/2007	18.8	27	0	54.2	0	0.11	34 >>>	
HKEW031H	11:25	03/23/2007	44.7	38	0.6	16.7	-1.1	1.17	37 >>>	
HKEW031H	15:16	04/27/2007	45.2	34.4	0.6	19.8	-1.1	1.14	38 >>>	
HKEW031H	14:26	05/25/2007	43.2	38.1	0.5	18.2	-1.1	1.11	47 >>>	
HKEW031H	15:38	06/28/2007	45.1	41.6	0.4	12.9	-0.8	0.92	50 >>>	
HKEW031H	11:03	10/30/2007	44.6	41	0	14.4	0	-0.11	46 >>>	
HKEW031W	14:44	01/24/2007	35.5	22.1	0.6	41.8	-1.1	-0.01	37	0
HKEW031W	15:23	02/28/2007	18.7	26.7	0	54.6	-0.1	0	34	0
HKEW031W	11:24	03/23/2007	44.5	37.3	0.6	17.6	-1.1	0	37	0
HKEW031W	15:14	04/27/2007	46	34.2	0.7	19.1	-1	0	38	0
HKEW031W	14:24	05/25/2007	43.1	38.2	0.5	18.2	-1	0	47	0
HKEW031W	15:36	06/28/2007	45.9	42.5	0.3	11.3	-0.9	0	50	0
HKEW031W	13:37	09/27/2007	40.8	38	0.1	21.1	-0.5	0.01	50	1
HKEW031W	13:38	09/27/2007	40.8	38	0.1	21.1	-0.5	0	50	1
HKEW031W	11:01	10/30/2007	44.8	41.4	0	13.8	0.1	0.02	46	2
HKEW032H	15:29	02/28/2007	19.1	27	0	53.9	-0.1	0.12	34 >>>	
HKEW032H	11:40	03/23/2007	16.6	27.6	0.5	55.3	-1.2	1.19	35 >>>	
HKEW032H	15:24	04/27/2007	15.5	25.9	0.5	58.1	-1	1.1	36 >>>	
HKEW032H	14:42	05/25/2007	13.8	27.3	0.4	58.5	-1	1.03	44 >>>	
HKEW032H	15:46	06/28/2007	16.3	31.1	0.4	52.2	-0.8	0.89	51 >>>	
HKEW032H	13:51	09/27/2007	21.4	30.8	0.3	47.5	-0.4	0.49	53 >>>	
HKEW032H	13:43	11/01/2007	24.2	31.7	0.1	44	-1	1.02	48 >>>	
HKEW032H	15:43	12/26/2007	20.7	31	0	48.3	-0.4	0.46	40 >>>	
HKEW032H	15:15	12/27/2007	43	29.3	0	27.7	-1.6	1.66	38 >>>	
HKEW032W	14:52	01/24/2007	36.1	23.2	0.6	40.1	-1.1	0	36	0
HKEW032W	15:27	02/28/2007	18.9	26.8	0	54.3	0	0	34	0
HKEW032W	11:39	03/23/2007	16.3	27.5	0.6	55.6	-1.2	0	35	0
HKEW032W	15:22	04/27/2007	16.1	26.1	0.6	57.2	-1	0	36	0
HKEW032W	14:40	05/25/2007	13.8	26.6	0.7	58.9	-1	0	44	0

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW032W	15:44	06/28/2007	16.4	31.1	0.4	52.1	-0.9	0.01	51	1
HKEW032W	13:49	09/27/2007	22	31.1	0	46.9	-0.4	0	53	0
HKEW032W	13:41	11/01/2007	25.5	32.1	0.1	42.3	-1	0.01	48	1
HKEW032W	15:41	12/26/2007	20.5	30.8	0	48.7	-0.3	0.06	40	6
HKEW032W	15:12	12/27/2007	43.5	28.8	0	27.7	-1.6	0 >>>	>>>	>>>
HKEW033H	14:56	01/24/2007	36.4	22.7	0.6	40.3	-1.1	1.15	36 >>>	>>>
HKEW033H	15:39	02/28/2007	29.4	28.5	0	42.1	-0.1	0.15	32 >>>	>>>
HKEW033H	11:47	03/23/2007	27.5	31.6	0.6	40.3	-1.2	1.19	35 >>>	>>>
HKEW033H	15:31	04/27/2007	22.7	28.2	0.7	48.4	-1	1.1	36 >>>	>>>
HKEW033H	14:49	05/25/2007	20.6	29.9	0.5	49	-0.9	0.98	46 >>>	>>>
HKEW033H	15:53	06/28/2007	25.3	34.8	0.3	39.6	-0.8	0.82	53 >>>	>>>
HKEW033H	14:10	09/27/2007	30.8	34.6	0	34.6	-0.4	0.45	55 >>>	>>>
HKEW033H	13:50	11/01/2007	34.9	35.1	0	30	-0.9	0.96	48 >>>	>>>
HKEW033H	16:21	12/26/2007	29.6	33	0	37.4	-0.6	0.6	39 >>>	>>>
HKEW033W	14:55	01/24/2007	36.2	23.2	0.6	40	-1.1	0	36	0
HKEW033W	15:37	02/28/2007	29.5	29.3	0	41.2	-0.1	0	32	0
HKEW033W	11:45	03/23/2007	26.6	31.5	0.5	41.4	-1.2	0	35	0
HKEW033W	15:30	04/27/2007	22.9	27.6	0.6	48.9	-1	0	36	0
HKEW033W	14:47	05/25/2007	20.7	30.1	0.4	48.8	-0.9	0	46	0
HKEW033W	15:51	06/28/2007	24.4	34	0.3	41.3	-0.7	0	53	0
HKEW033W	14:08	09/27/2007	30.4	34.1	0	35.5	-0.4	0	55	0
HKEW033W	13:48	11/01/2007	35.5	34.9	0	29.6	-0.9	0	48	0
HKEW033W	16:19	12/26/2007	29.2	32.5	0	38.3	-0.6	0	39	0
HKEW034H	15:04	01/24/2007	25.6	21.8	0.6	52	-1.1	1.16	36 >>>	>>>
HKEW034H	15:46	02/28/2007	19.6	25.9	0	54.5	-0.1	0.12	33 >>>	>>>
HKEW034H	11:54	03/23/2007	17.5	27.6	0.6	54.3	-1.2	1.16	35 >>>	>>>
HKEW034H	15:38	04/27/2007	15.7	25.2	0.6	58.5	-1	1.06	40 >>>	>>>
HKEW034H	14:55	05/25/2007	14.9	26.6	0.4	58.1	-0.9	0.92	46 >>>	>>>
HKEW034H	15:59	06/28/2007	19.6	31.6	0.2	48.6	-0.7	0.77	53 >>>	>>>
HKEW034H	14:16	09/27/2007	26.8	33.4	0	39.8	-0.4	0.43	54 >>>	>>>
HKEW034H	13:57	11/01/2007	31.2	34.5	0	34.3	-0.9	0.91	48 >>>	>>>
HKEW034H	15:59	12/26/2007	21.5	30.7	0	47.8	-0.6	0.55	37 >>>	>>>
HKEW034W	15:02	01/24/2007	23	19.9	2	55.1	-1.1	0	36	0
HKEW034W	15:44	02/28/2007	19.5	24	0	56.5	0	0	33	0
HKEW034W	11:52	03/23/2007	17.5	27.9	0.5	54.1	-1.1	0	35	0
HKEW034W	15:36	04/27/2007	15.7	25	0.6	58.7	-1	0	40	0
HKEW034W	14:53	05/25/2007	13.7	24.4	2	59.9	-0.9	0.01	46	1
HKEW034W	15:58	06/28/2007	19.4	30.5	0.6	49.5	-0.7	0	53	0
HKEW034W	14:14	09/27/2007	26.4	32.7	0	40.9	-0.4	0	54	0
HKEW034W	13:55	11/01/2007	30.3	34	0	35.7	-0.9	0.01	48	1
HKEW034W	15:57	12/26/2007	21.4	30.8	0	47.8	-0.4	0	37	0
HKEW035H	15:12	01/24/2007	10.1	17.6	0.6	71.7	-1.2	1.21	40 >>>	>>>
HKEW035H	15:56	02/28/2007	7.3	20.6	0	72.1	0	0.04	38 >>>	>>>
HKEW035H	12:01	03/23/2007	7.4	22	0.6	70	-1.1	1.15	42 >>>	>>>
HKEW035H	15:44	04/27/2007	5.1	19.8	1	74.1	-1	1.08	45 >>>	>>>
HKEW035H	15:02	05/25/2007	5.3	20.2	0.9	73.6	-0.8	0.87	50 >>>	>>>
HKEW035H	16:07	06/28/2007	8.2	24.4	0.3	67.1	-0.7	0.78	54 >>>	>>>
HKEW035H	14:22	09/27/2007	13.4	26.3	0	60.3	-0.4	0.45	56 >>>	>>>
HKEW035H	14:03	11/01/2007	14.8	27.4	0	57.8	-0.8	0.83	52 >>>	>>>

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKEW035H	16:08	12/26/2007	9	24.6	0	66.4	-0.6	0.58	43 >>>	
HKEW035W	15:10	01/24/2007	9.9	16.3	0.6	73.2	-1.1	0.02	40	2
HKEW035W	15:54	02/28/2007	7.2	20.6	0	72.2	0	-0.01	38	0
HKEW035W	11:59	03/23/2007	7.2	21.6	0.7	70.5	-1.1	0.01	42	1
HKEW035W	15:43	04/27/2007	5.1	19.8	1	74.1	-1	0.01	45	1
HKEW035W	15:00	05/25/2007	5.5	20.8	0.9	72.8	-0.8	0.02	50	2
HKEW035W	16:05	06/28/2007	8.1	25.2	0.3	66.4	-0.7	0	54	0
HKEW035W	14:20	09/27/2007	12.7	26.1	0	61.2	-0.4	0	56	1
HKEW035W	14:02	11/01/2007	14.5	27.4	0	58.1	-0.7	0.01	52	1
HKEW035W	16:06	12/26/2007	8.8	24.7	0	66.5	-0.6	0.04	43	6
HKGP001D	3:14	03/19/2007	0	4.3	13.8	81.9	-0.4	0.45 >>>	>>>	
HKGP001D	14:23	07/02/2007	0	7	10.2	82.8	0	-0.07 >>>	>>>	
HKGP001D	16:20	11/01/2007	0	0.7	19.6	79.7	0	-0.03 >>>	>>>	
HKGP001D	14:29	12/20/2007	0	2.6	17.3	80.1	0	0 >>>	>>>	
HKGP001S	3:02	03/19/2007	0	0	19.7	80.3	-0.4	0.4 >>>	>>>	
HKGP001S	14:30	07/02/2007	0	2.5	16.1	81.4	0	-0.14 >>>	>>>	
HKGP001S	16:29	11/01/2007	0	4.2	15.3	80.5	0	-0.02 >>>	>>>	
HKGP001S	14:36	12/20/2007	0	7.3	10.4	82.3	0	0 >>>	>>>	
HKGP002S	9:42	03/19/2007	0	0.6	18.3	81.1	0	0 >>>	>>>	
HKGP002S	14:46	06/29/2007	0	1.5	18.1	80.4	0	0 >>>	>>>	
HKGP002S	14:46	11/01/2007	0	1.6	19.3	79.1	0	0 >>>	>>>	
HKGP002S	14:26	12/19/2007	0	0.6	20.2	79.2	0	0 >>>	>>>	
HKGP003D	2:47	03/19/2007	0	0.7	19.5	79.8	-0.4	0.46 >>>	>>>	
HKGP003D	14:50	07/02/2007	0	0.8	19	80.2	0	0.03 >>>	>>>	
HKGP003D	14:09	11/02/2007	0	1.6	19.2	79.2	0	0.04 >>>	>>>	
HKGP003D	14:57	12/20/2007	0	1.2	20.3	78.5	0	0 >>>	>>>	
HKGP003S	2:36	03/19/2007	0	0.1	19.8	80.1	-0.4	0.46 >>>	>>>	
HKGP003S	14:39	07/02/2007	0	0.3	19	80.7	0	0.04 >>>	>>>	
HKGP003S	13:58	11/02/2007	0	0.2	20.3	79.5	0	0.04 >>>	>>>	
HKGP003S	14:46	12/20/2007	0	0.1	20.8	79.1	0	0.02 >>>	>>>	
HKGP004S	9:54	03/19/2007	0	0.2	19.1	80.7	0	-0.01 >>>	>>>	
HKGP004S	14:54	06/29/2007	0	0.3	19.1	80.6	0	0 >>>	>>>	
HKGP004S	15:06	11/01/2007	0	0.5	20.1	79.4	0	0 >>>	>>>	
HKGP004S	14:35	12/19/2007	0	0.3	20.8	78.9	0	0 >>>	>>>	
HKGP005S	13:23	03/19/2007	0	1.1	19	79.9	0	-0.02 >>>	>>>	
HKGP005S	15:00	07/02/2007	0	1.5	18.1	80.4	0	0 >>>	>>>	
HKGP005S	14:19	11/02/2007	0	3.2	17.8	79	0	-0.02 >>>	>>>	
HKGP005S	15:09	12/20/2007	0	2.2	19.5	78.3	0	0 >>>	>>>	
HKGP006S	16:33	01/26/2007	0	0.2	19	80.8	0	0.02 >>>	>>>	
HKGP006S	10:04	03/19/2007	0	0	19.3	80.7	0	0 >>>	>>>	
HKGP006S	15:06	06/29/2007	0	0.7	19	80.3	0	0.05 >>>	>>>	
HKGP006S	15:15	11/01/2007	0	0.5	20.2	79.3	0	0.09 >>>	>>>	
HKGP006S	15:00	12/19/2007	0	0.3	20.8	78.9	-0.1	0.14 >>>	>>>	
HKGP007R	13:09	03/19/2007	0	0.3	19.4	80.3	0	-0.01 >>>	>>>	
HKGP007R	15:52	06/29/2007	0	0.8	19	80.2	0	0 >>>	>>>	
HKGP007R	15:55	11/01/2007	0	1.3	19.7	79	0	-0.01 >>>	>>>	
HKGP007R	15:46	12/19/2007	0	0.8	20.3	78.9	0	0 >>>	>>>	
HKGP009S	16:23	01/26/2007	0	1	18.2	80.8	0	0 >>>	>>>	
HKGP009S	12:35	03/19/2007	0	0.7	18.4	80.9	0	0 >>>	>>>	

Gas Extraction Monitoring Data

Location	Time	Date	CH4 %	CO2 %	O2 %	Bal %	Static	Differential	Temperature °F	Flow cfm
							Pressure in. water	Pressure in. water		
HKGP009S	15:16	06/29/2007	0	0.9	18.7	80.4	0	0 >>>	>>>	>>>
HKGP009S	15:24	11/01/2007	0	1.4	19.4	79.2	0	0 >>>	>>>	>>>
HKGP009S	15:11	12/19/2007	0	1	20.1	78.9	0	0 >>>	>>>	>>>
HKGP010S	12:47	03/19/2007	0	0.6	18.6	80.8	0	-0.01 >>>	>>>	>>>
HKGP010S	15:29	06/29/2007	0	0.6	18.9	80.5	0	0 >>>	>>>	>>>
HKGP010S	15:35	11/01/2007	0	0.7	20.2	79.1	0	0 >>>	>>>	>>>
HKGP010S	15:23	12/19/2007	0	0.4	20.5	79.1	0	0 >>>	>>>	>>>
HKGP011S	12:58	03/19/2007	0	0.3	19.2	80.5	-0.2	0.28 >>>	>>>	>>>
HKGP011S	15:39	06/29/2007	0	1.1	18.7	80.2	0	0.04 >>>	>>>	>>>
HKGP011S	15:45	11/01/2007	0	1.4	19.9	78.7	0	0.06 >>>	>>>	>>>
HKGP011S	15:32	12/19/2007	0	0.6	20.2	79.2	-0.1	0.14 >>>	>>>	>>>

Appendix O



Antenna tower constructed on Holtz Krause property to north of landfill cap
05/01/2007



Railroad equipment along north-east side of cap
05/01/2007



Salzman trailers along east side of cap
05/01/2007



Crack in turf east of EW-13
Looking south-west 05/01/2007



Toe drain on west side of landfill
05/01/2007



Landfill cap looking north-west from EW-34
05/01/2007



East bank of cap looking south
05/01/2007



Ponded water on cap looking west north-west
05/01/2007