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QUARTERLY STATUS REPORT FOR MAY 2008
FF/NN LANDFILL
RIPON, WISCONSIN

July 11, 2008

Prepared For:

FF/NN Landfill PRP Group

Prepared By:

GeoTrans, Inc.
175 N. Corporate Drive, Suite 100
Brookfield, Wisconsin 53045

Project No. 1011.005

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Vice-President, Principal Hydrogeologist

Kevin F. Lincicum, P.G.
Project Hydrogeologist

QUARTERLY STATUS REPORT FOR MAY 2008

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CONTRACT SF-92-01

QUARTERLY STATUS REPORT

FOR MAY 2008

SITE NAME/ACTIVITY:

FF/NN Landfill
Ripon, Wisconsin
Groundwater Monitoring and Corrective Action

WDNR File Ref. No.: 02-20-000915

PREPARED BY:

Mr. Michael R. Noel and Mr. Kevin F. Lincicum
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PREPARED FOR:

Ms. Jennifer Easterly, Project Manager
Wisconsin Department of Natural Resources
625 E. County Road Y, Suite 700
Oshkosh, WI 54901-9731

Mr. Bernard Schorle, Remedial Project Manager
U S Environmental Protection Agency
SR-6J
77 West Jackson Boulevard
Chicago, Illinois 60604

DATE:

July 11, 2008

FIELD ACTIVITIES THIS REPORTING PERIOD

- Groundwater elevations were measured at 27 monitoring wells and three leachate head wells on May 5-6, 2008. Water levels in Layer 4 wells were measured consecutively to avoid any effects from municipal pumping.

- A total of 27 monitoring wells, one leachate head well and three private drinking wells were sampled for VOCs during the May 2008 event. Two duplicate samples were collected for quality control. The sampling program followed the plan approved by the WDNR in a letter dated July 26, 2007.

- Landfill gas monitoring in the gas probes and monitoring wells was conducted on May 12, 2008 by Jack Wendler from the City of Ripon. Jack Wendler has also conducted periodic gas monitoring of the extraction system vents and wells. Gas samples for VOC analysis were not taken due to blower replacement that occurred from March 31 to May 9, 2008.

- A landfill cap inspection was conducted on May 6, 2008.

RESULTS OF FIELD ACTIVITIES

Groundwater Monitoring Event - Groundwater Elevations

The groundwater monitoring wells located at the FF/NN Landfill are grouped into four layers based on well screen elevations to better evaluate groundwater quality at discrete depth intervals. Attachment A contains a table showing the wells for each of the four layers.

On May 5-6, 2008, groundwater elevations were measured in all monitoring wells. These elevations are provided in Table 1 and shown on Figures 1 through 4. Each layer is discussed separately below.

Layer 1 Wells

Layer 1 contains nine wells with screen elevations ranging from 812 feet to 821 feet MSL. All of these well screens intersect the water table. The groundwater elevations are displayed on Figure 1. Compared to the previous event in January 2008, water table elevations increased from 1.5 feet in MW-107 to 2.0 feet in MW-101.

Historically, the groundwater flow direction in this layer has been to the southwest. During the May 2008 event, the groundwater flow was to the southwest.

Layer 2 Wells

Layer 2 contains eight wells with screen elevations ranging from 774 feet to 792 feet MSL. The groundwater potentiometric surface for this layer is displayed on Figure 2. Compared to the previous event in January 2008, water level elevations increased from 1.4 feet in P-107 to 2.1 feet in P-101.

Historically, the groundwater flow direction in this layer has been to the southwest. During the May 2008 event, flow was to the southwest.

Layer 3 Wells

Layer 3 contains seven wells with screen elevations ranging from 634 feet to 704 feet MSL. The groundwater potentiometric surface for this layer is displayed on Figure 3. Compared to the previous event in January 2008, water elevations increased from 1.7 feet in P-116 to 2.0 feet in P-113B and MW-3B.

Historically, the groundwater flow direction in this layer has been southwesterly and becomes westerly further downgradient. The May 2008 groundwater flow direction is consistent with the historical results.

Layer 4 Wells

Layer 4 contains three wells with screen elevations ranging from 508 feet to 570 feet MSL. The three wells in this grouping are located 375 to 2300 feet downgradient of the landfill. The

groundwater potentiometric surface for this layer is displayed on Figure 4. Compared to the previous event in January 2008, water elevations increased in all wells from 2.4 feet in MW-3A to 2.6 feet in P-107D.

Historically, the groundwater flow direction in this layer has been to the southeast. Since pumping at the City of Ripon Municipal Well #9 was terminated in May 2007, the flow direction has been to the west. During the May 2008 event, flow was to the west.

Groundwater Monitoring Event - Monitoring Well Sampling

The revised groundwater monitoring program as modified by WDNR correspondence dated July 26, 2007 was followed for the May 2008 groundwater sampling event. A table showing the monitoring schedule for each well is provided in Attachment B. The groundwater samples were analyzed for volatile organic compounds (VOCs) using EPA Method 8260B. Analytical results and field forms are provided in Attachments C and D, respectively. The VOC analytical results for the monitoring wells are tabulated in Table 2. The temporal trend of chlorinated compound concentrations in all wells is provided in Charts 27-53.

Following is a summary of the May 2008 VOC analytical results as they relate to groundwater standards for each well that was sampled. To better track impacts at various depths, the results are organized according to the four stratigraphic groupings of wells discussed previously.

Layer 1 Wells

MW-101 No detection of any VOC.

MW-102 No detection of any VOC.

MW-103 No compounds exceeded NR 140 Enforcement Standards (ES). Vinyl chloride (VC) was not detected during this sampling round. Vinyl chloride has been detected in all other sampling events since the well was constructed in 1993 . Cis-1,2-dichloroethene (DCE) slightly exceeded its PAL at 15.7 ppb and trichloroethene (TCE) exceeded its PAL at 3.4 ppb. These results are consistent with recent sampling events.

MW-104 Benzene was not detected during this sampling round. Benzene has been detected in all other sampling events since the well was constructed in 1993 . Chlorobenzene and 1,4-dichlorobenzene were detected but well below NR 140 standards. These results are similar to the previous sampling event in October 2007.

MW-106 No detection of any VOC.

MW-107 No detection of any VOC.

MW-108 No detection of any VOC.

MW-111 No detection of any VOC.

MW-112 VC exceeded its ES at 1.3 ppb. This concentration is consistent with recent sampling events. TCE (1.8 ppb) and DCE (33.3 ppb) were detected at concentrations above their respective PALs but below the ES. TCE was last detected in 2006. The concentration of DCE is higher than it has been detected in sampling events since 2005 but lower than pre-2005 sampling events.

Layer 2 Wells

P-101 No detection of any VOC.

P-102 No detection of any VOC.

P-103 VC exceeded its ES at 0.74 ppb (0.81 ppb duplicate). This concentration is less than all previous sampling events occurring after April 2005. The concentrations continue to show a drecreasing trend of VC.

P-104 No detection of any VOC.

P-106 No detection of any VOC.

P-107 No detection of any VOC.

P-108 No detection of any VOC.

P-111 No detection of any VOC.

Layer 3 Wells

MW-3B No detection of any VOC.

P-103D VC exceeded its ES at 0.69 ppb (0.66 ppb duplicate). The concentration of VC is lower than the previous sampling events and continues to show a decreasing trend over the past three years.

P-111D VC exceeded its ES at 4.7 ppb. This is the lowest VC concentration in all sampling events since the well was constructed in 1993 . DCE was detected at concentrations below NR 140 standards.

P-113B No detection of any VOC.

P-114 VC exceeded its ES at 6.6 ppb. This concentration of VC is similar to concentrations detected over the last two years. DCE was detected at a concentration below NR 140 standards.

P-115 VC exceeded its ES at 1.1 ppb. This concentration of VC is slightly higher than concentrations detected over the last three years.

P-116 No detection of any VOC.

Layer 4 Wells

MW-3A No detection of any VOC.

P-107D VC exceeded its ES at 1.3 ppb. This concentration is lower than it has been over the past five years.

P-113A No detection of any VOC.

Groundwater Monitoring Event - Private Drinking Water Well Sampling

Historically, seven private wells have been sampled. Four of these wells (Altnau, Hadel, Miller and Wiese) have either been abandoned or converted to monitoring wells. The remaining three wells (Perry/Watkins, Gaastra and Rohde) were sampled during the May 2008 event and analyzed for VOCs using Method 524.2 (Safe Drinking Water Act). Analytical results and field forms are provided in Attachments C and D, respectively. The VOC analytical results for the private drinking water wells are tabulated in Table 3. No VOC's were detected in the private wells during this sampling event except for methylene chloride which is a common lab-introduced chemical.

Interim Landfill Gas Extraction System Performance Monitoring

Results of the gas monitoring are in presented in Table 5, Table 6 and Charts 1-26.

Current extraction is from shallow vent GV-6 and the three deep leachate wells (LC-1, LC-2 and LC-3). The other vents have remained closed to prevent oxygen levels from increasing above 5%. The interim gas extraction system was offline from March 31 to May 9, 2008 due to an inoperable blower. The blower unit was sent to a manufacturer's representative to be repaired and it was found that the unit needed to be replaced. The blower was replaced and the system was restarted on May 9, 2008. Modifications to the daily run time cycle were made due to increasing oxygen levels above 5% in one or more extraction wells and a temporary increase in the methane level above the LEL at GP-1. The modifications include:

- March 5, 2008 the system's daily cycle was decreased from 4 hours on to 1 hour on and 23 hours off based on oxygen levels above 5% in extraction wells LC-1, LC-2 and LC-3
- May 9, 2008 the system's daily cycle was increased to 8 hours on and 16 hours off after being offline since March 31, 2008.

Gas samples for VOC analysis were not taken during this monitoring period due to the extraction system being offline. Gas samples will be collected as scheduled in July.

Monitoring of the gas probes and wells outside the limits of fill indicate that the gas extraction

system has continued to control gas migration from the fill area. Gas concentrations in the exterior wells and probes are consistently below the methane LEL except for GP-1 which indicated a methane level above the LEL for several monitoring events. Modifications to balance the operation of the gas extraction system have brought the level of methane at GP-1 to below the LEL during this monitoring period. Active gas monitoring will be continued during the next reporting period.

Cap Inspection

The landfill was inspected on May 6, 2008. The cap was determined to be in good condition. The power lines running through the landfill were decommissioned since the last monitoring well sampling event in October 2007. The power poles were cut down to approximately four feet above grade, leaving the below ground portion intact. The cap inspection form is provided in Attachment F.

Institutional Control Investigation/Study

In a letter dated October 29, 2007 to the Ripon FF/NN Landfill PRP Group, Bernard Schorle of the U.S. EPA requested that an institutional control investigation/study be submitted within 45 days. A letter of intent to comply with this request dated November 1, 2007 was submitted to the U.S. EPA requesting additional time and accepted/approved examples of similar IC investigation/study submittals. A conference call was also requested to discuss these requirements. In an email dated November 19, 2007 Mr. Schorle indicated he would try to set up a phone call to discuss the IC request and that he had requested an example response that he could send to the Ripon FF/NN Landfill PRP Group, but one has not been offered yet.

Response to WDNR Comments

The WDNR requested additional information regarding the previous progress report submitted in April 2008. The responses provide to the WDNR are summarized below:

- NR140 ES and PAL numbers have been added to the top of Table 3 (Private Well Sampling Results).
- The laboratory's response to the presence compounds in the trip blank for the private well sampling event is as follows: "The water used for the trip blanks is purified here in the lab if we indeed provided the sample containers. Unfortunately, the sample has been disposed of so we can not go back to look at the date of creation to track down any source problems that we may have had at that time or verify where it was made. Methylene chloride has always been a problematic compound because of its use in the lab so that is not uncommon. I can not explain the other compounds presence but since the samples were clean, it shows that the system was clean and it was not due to carryover from another sample."
- All gas probe and gas vent locations have been added to the base maps for the report.

UPCOMING ACTIVITIES PLANNED

Groundwater sampling of the private wells will be conducted in accordance with the approved plan in July 2008.

Water levels of all wells will be taken in July, 2008.

Landfill gas monitoring will be conducted by City of Ripon personnel.

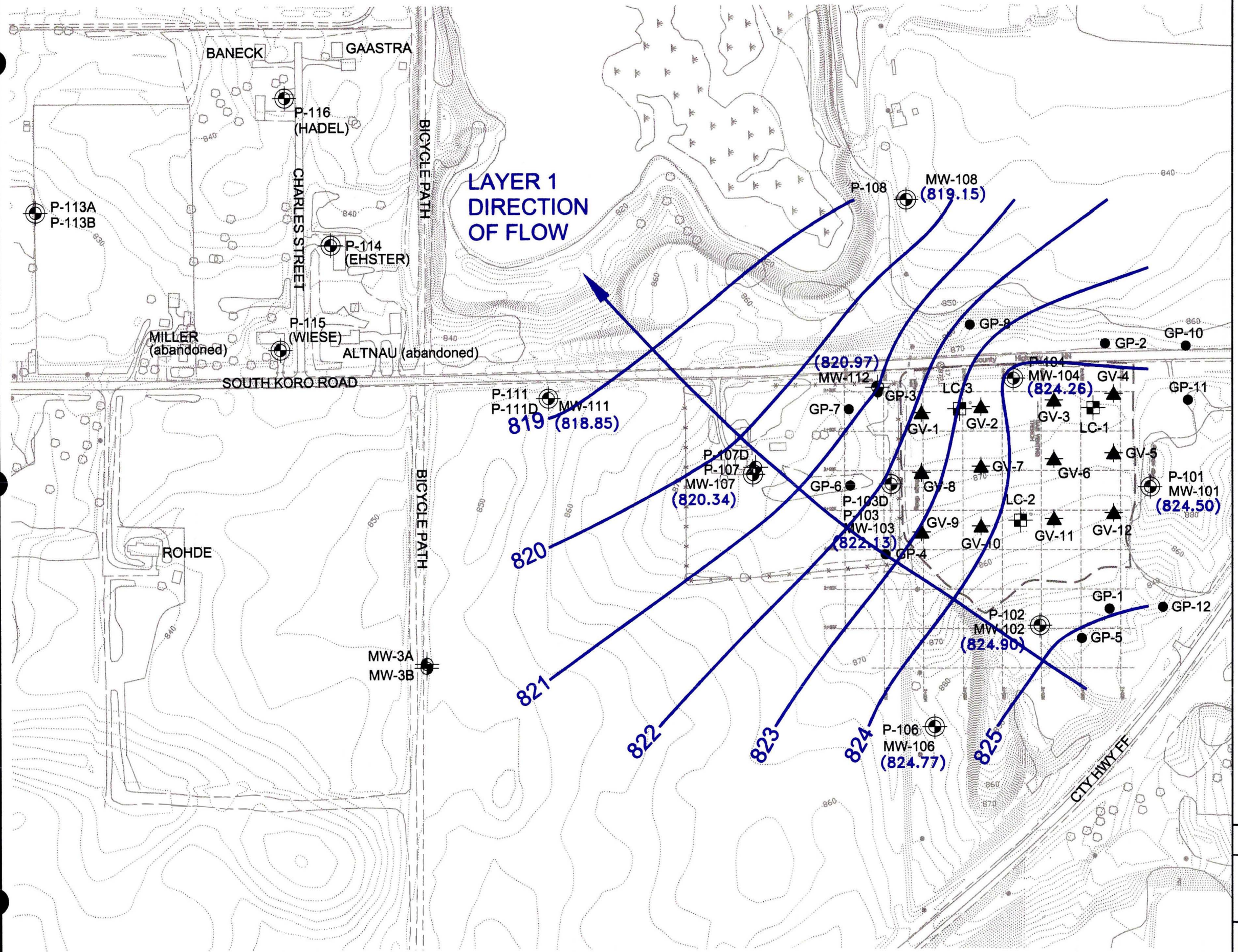
The interim gas extraction system will continue to be monitored for effectiveness.

A conference call with U.S. EPA and WDNR is expected to take place to discuss the requirements and expectations of the institutional control investigation/study.

PERSONNEL

Mr. Michael Noel is the Project Manager and Principal Hydrogeologist. Mr. Kevin Lincicum is the Project Hydrogeologist who conducted the field activities. The laboratory analyses for the October 2007 groundwater samples were completed by PACE laboratories in Green Bay, Wisconsin. Northern Lake Services performed analyses of drinking water well samples as a subcontractor to PACE.

FIGURES



EXPLANATION

- P-104 / MW-104 — MONITOR WELL, PIEZOMETER LOCATION, DESIGNATION
- LC-2 — LEACHATE HEAD WELL LOCATION, DESIGNATION
- OUTLINE OF CLOSED LANDFILL
- GP-1 — GAS PROBE LOCATION AND DESIGNATION
- GV-1 — GAS VENT LOCATION AND DESIGNATION
- (824.50) — GROUNDWATER ELEVATION

N

SCALE

0 500

Feet

BASEMAP FROM FOND DU LAC COUNTY PLANNING DIVISION, SPRING 2000.

FF/NN LANDFILL
RIPON, WISCONSIN

GROUNDWATER ELEVATIONS
LAYER 1 WELLS
MAY 2008

DATE:	7/3/08
DESIGNED:	KFL
CHECKED:	KFL
APPROVED:	MRN
DRAWN:	HJW
PROJ.:	1011.005

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Figure 1

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BANECK
GAASTRA
P-116
(HADEL)
BICYCLE PATH
CHARLES STREET
P-113A
P-113B
P-114
(EHSTER)
P-115
(WIESE)
MILLER
(abandoned)
ALTNAU (abandoned)
SOUTH KORO ROAD
ROHDE
MW-3A
MW-3B
LAYER 2
DIRECTION
OF FLOW
(818.40) P-111
P-111D
MW-111
(820.27) P-107D
P-107
MW-107
(824.39) P-103
MW-103
(822.15)
P-108
MW-108
GP-8
(824.45) GP-2
GP-10
P-104
MW-104
MW-112
GP-3
LC-3
GP-7
GV-1
GV-2
GV-3
LC-1
GV-4
GP-11
GV-5
(824.49)
P-101
MW-101
GV-7
GV-6
GP-6
GV-8
LC-2
GV-9
GV-10
GV-11
GV-12
GP-4
(824.95)
P-102
MW-102
GP-1
GP-12
GP-5
(824.70)
P-106
MW-106
CITY HWY FF
819
820
821
822
823
824

EXPLANATION

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- LC-2 — LEACHATE HEAD WELL LOCATION, DESIGNATION
- OUTLINE OF CLOSED LANDFILL
- GP-1 — GAS PROBE LOCATION AND DESIGNATION
- GV-1 — GAS VENT LOCATION AND DESIGNATION
- (824.49) — GROUNDWATER ELEVATION

N

SCALE

0 500

Feet

BASEMAP FROM FOND DU LAC COUNTY PLANNING DIVISION, SPRING 2000.

FF/NN LANDFILL
RIPON, WISCONSIN

GROUNDWATER ELEVATIONS
LAYER 2 WELLS
MAY 2008

DATE:	7/3/08
DESIGNED:	KFL
CHECKED:	KFL
APPROVED:	MRN
DRAWN:	HJW
PROJ.:	1011.005

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Figure 2

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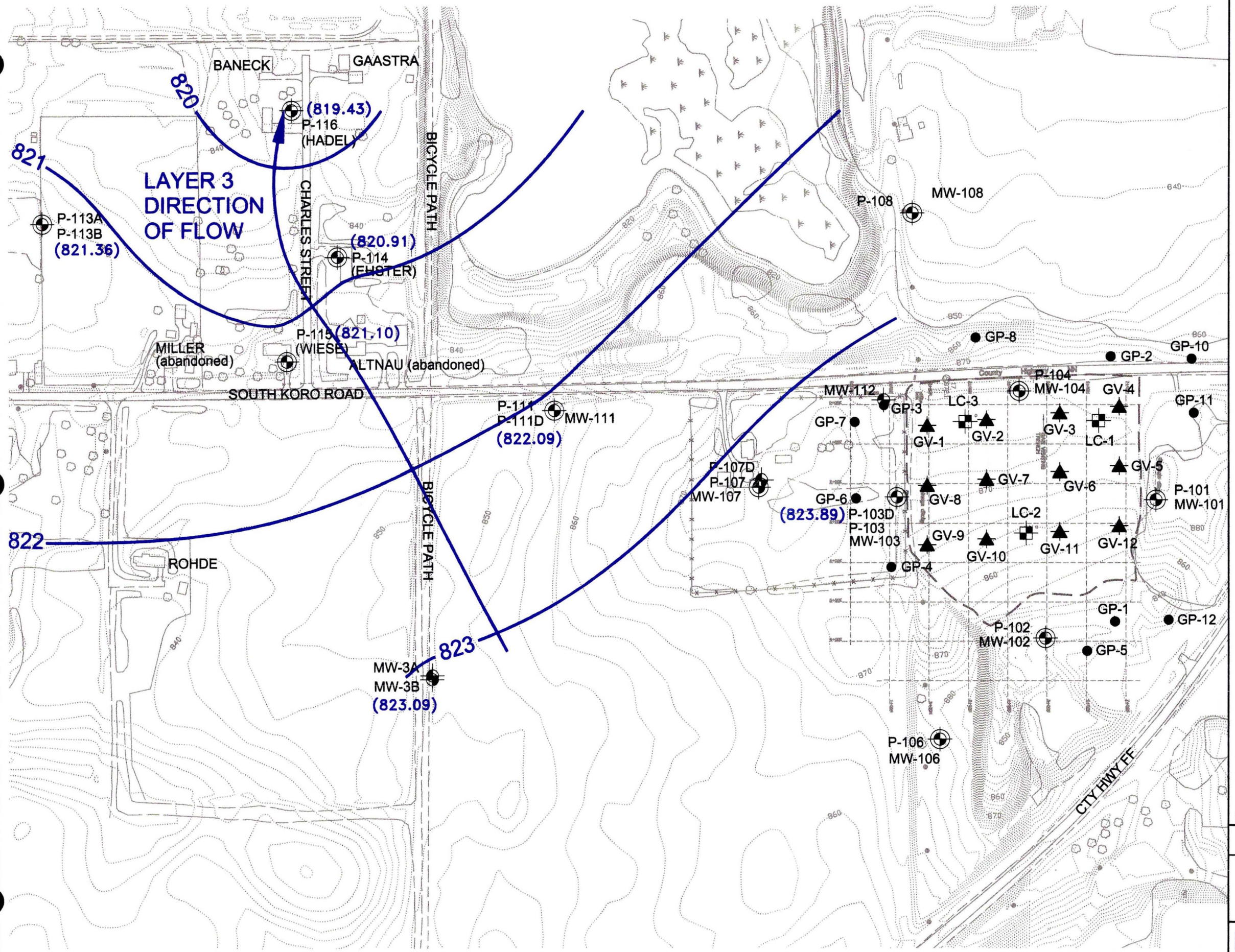

EXPLANATION

- P-104 / MW-104 — MONITOR WELL, PIEZOMETER LOCATION, DESIGNATION
- LC-2 — LEACHATE HEAD WELL LOCATION, DESIGNATION
- OUTLINE OF CLOSED LANDFILL
- GP-1 — GAS PROBE LOCATION AND DESIGNATION
- GV-1 — GAS VENT LOCATION AND DESIGNATION
- (823.89) — GROUNDWATER ELEVATION

N

SCALE

0 500

Feet

BASEMAP FROM FOND DU LAC COUNTY PLANNING DIVISION, SPRING 2000.

FF/NN LANDFILL
RIPON, WISCONSIN

GROUNDWATER ELEVATIONS
LAYER 3 WELLS
MAY 2008

DATE:	7/3/08
DESIGNED:	KFL
CHECKED:	KFL
APPROVED:	MRN
DRAWN:	HJW
PROJ.:	1011.005

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Figure 3

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BANECK
GAASTRA
P-116
(HADEL)
CHARLES STREET
BICYCLE PATH
(822.40)
P-113A
P-11 3B
P-114
(EHSTER)
LAYER 4
DIRECTION
OF FLOW
MILLER
(abandoned)
P-115
(WIESE)
ALTNAU (abandoned)
SOUTH KORO ROAD
P-111
P-111D
MW-111
823
ROHDE
(823.53)
MW-3A
MW-3B
(822.90)
P-107D
P-107
MW-107
P-108
MW-108
GP-8
GP-2
GP-10
MW-112
GP-3
LC-3
P-104
MW-104
GV-4
GP-11
GP-7
GV-1
GV-2
GV-3
LC-1
GV-5
GV-7
GV-6
P-101
MW-101
GP-6
GV-8
P-103D
P-103
MW-103
LC-2
GV-9
GV-10
GV-11
GV-12
GP-4
GP-1
GP-12
P-102
MW-102
GP-5
P-106
MW-106
CTY HWY FF

EXPLANATION

- P-104 / MW-104 — MONITOR WELL, PIEZOMETER LOCATION, DESIGNATION
- LC-2 — LEACHATE HEAD WELL LOCATION, DESIGNATION
- OUTLINE OF CLOSED LANDFILL
- GP-1 — GAS PROBE LOCATION AND DESIGNATION
- GV-1 — GAS VENT LOCATION AND DESIGNATION
- (822.90) — GROUNDWATER ELEVATION

N

SCALE
0 500
Feet

BASEMAP FROM FOND DU LAC COUNTY PLANNING DIVISION, SPRING 2000.

FF/NN LANDFILL
RIPON, WISCONSIN

GROUNDWATER ELEVATIONS
LAYER 4 WELLS
MAY 2008

DATE:	7/3/08
DESIGNED:	KFL
CHECKED:	KFL
APPROVED:	MRN
DRAWN:	HJW
PROJ.:	1011.005

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Figure 4

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CHARTS

Chart 1: GV-1 Gas Concentrations

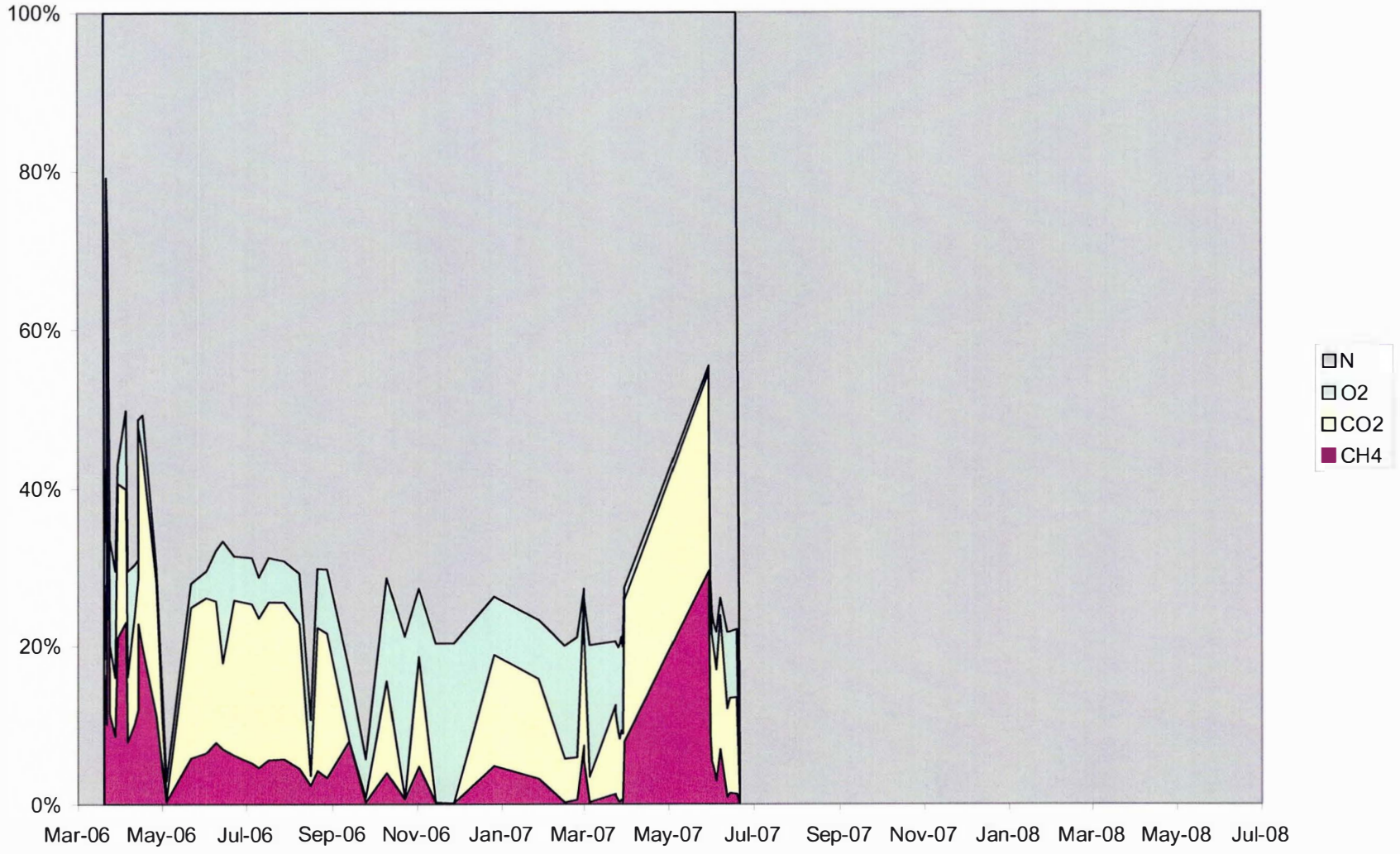

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Chart 2: GV-4 Gas Concentrations

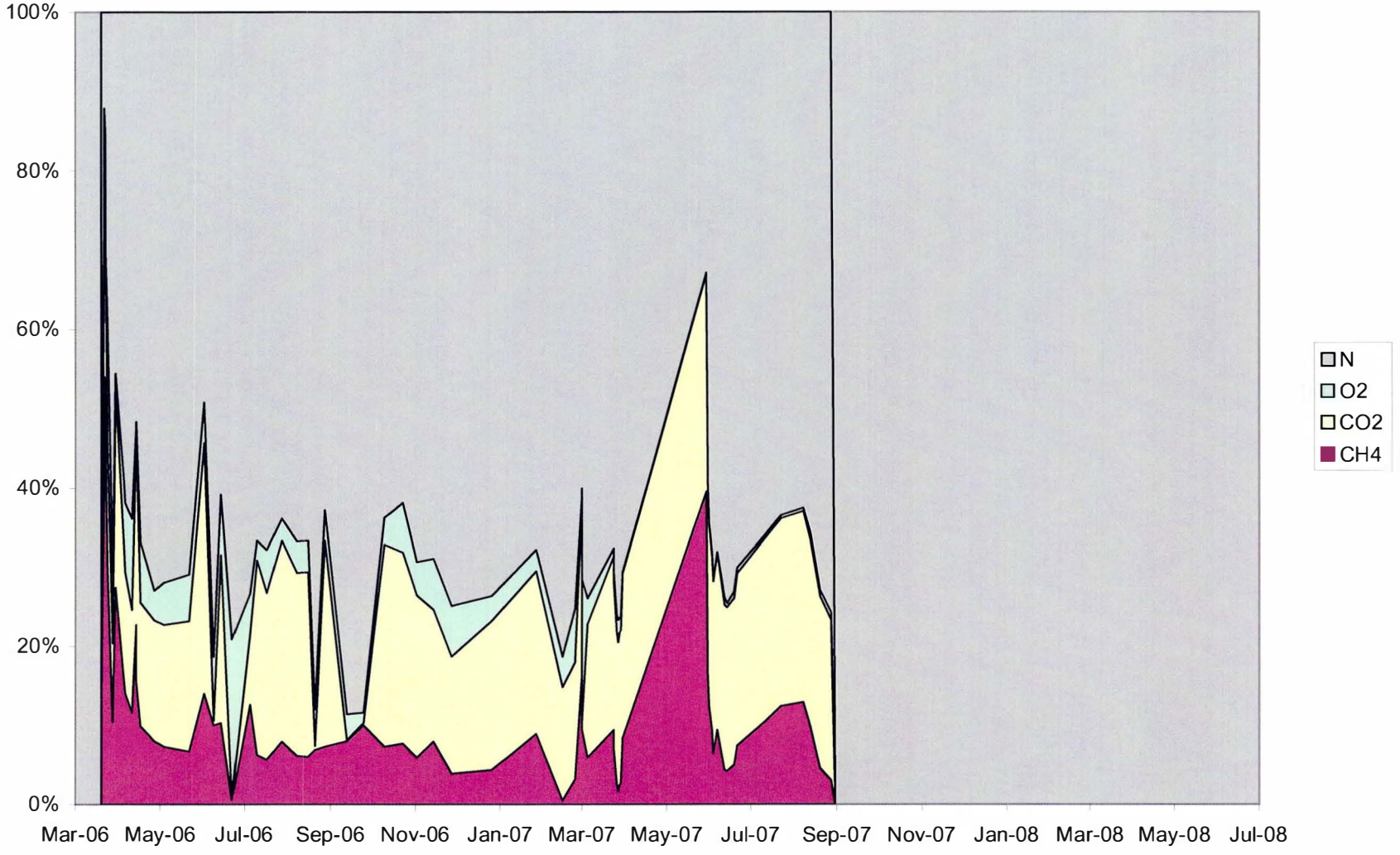

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Chart 3: GV-6 Gas Concentrations

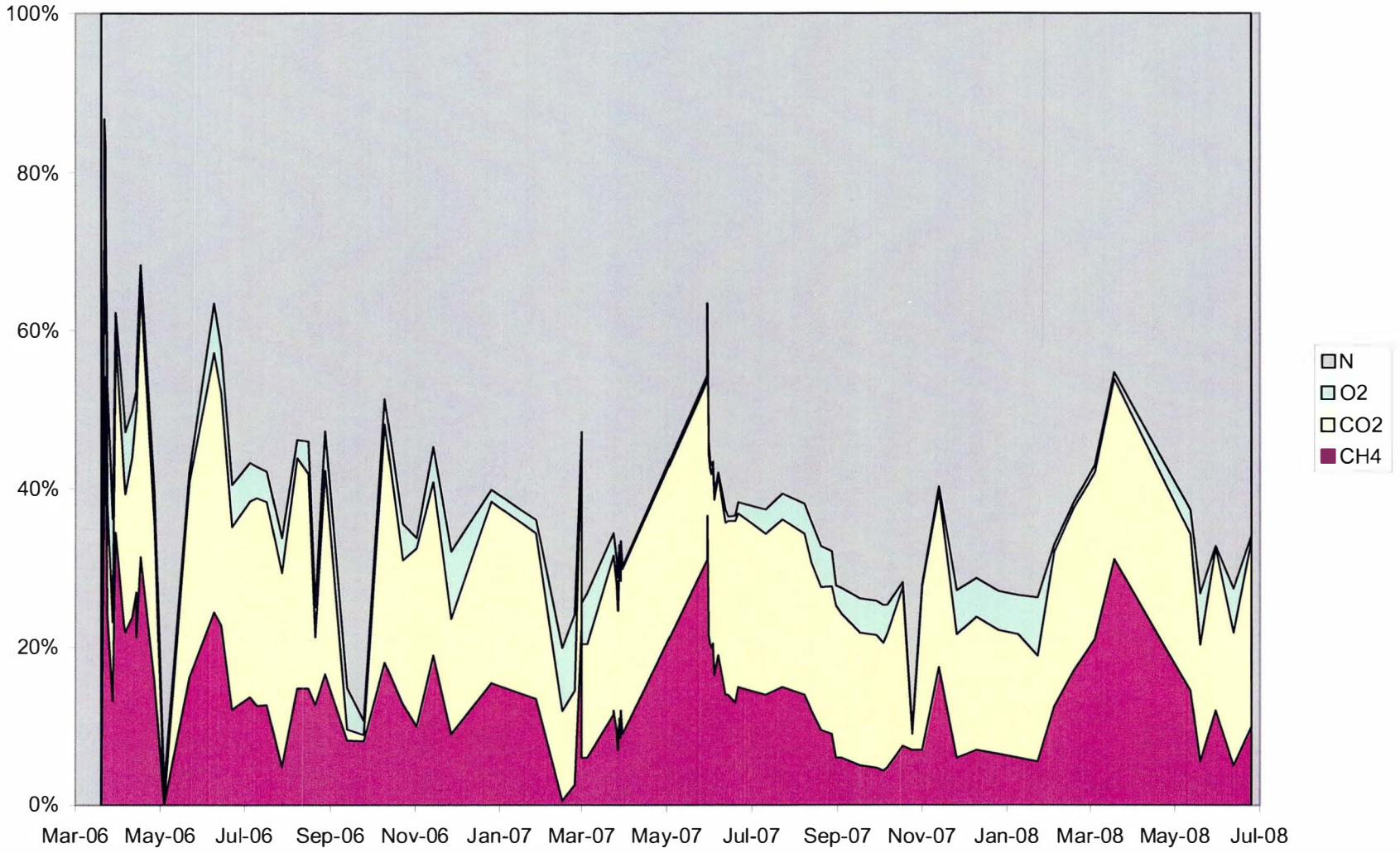

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Chart 4: GV-7 Gas Concentrations

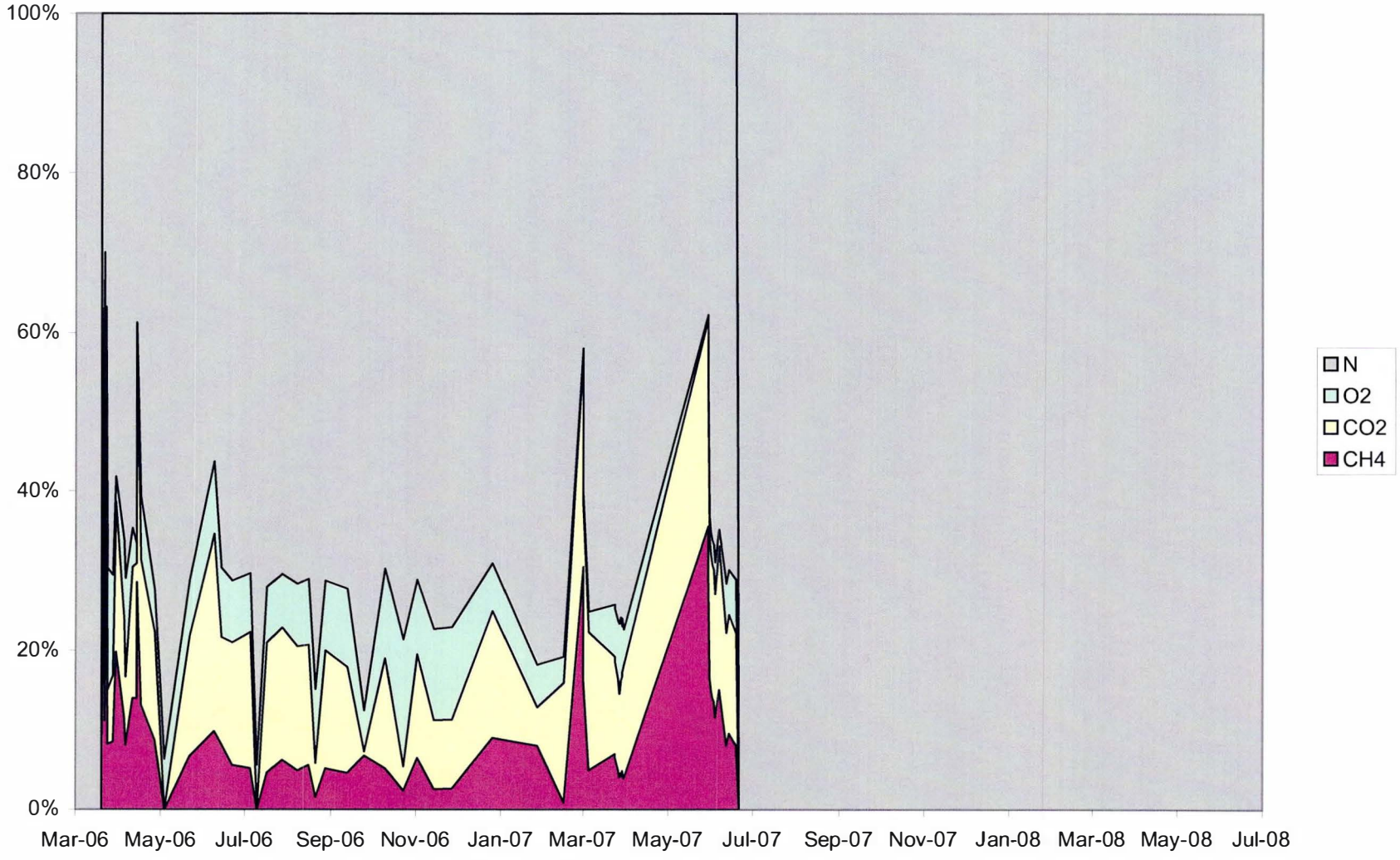

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Chart 5: GV-9 Gas Concentrations

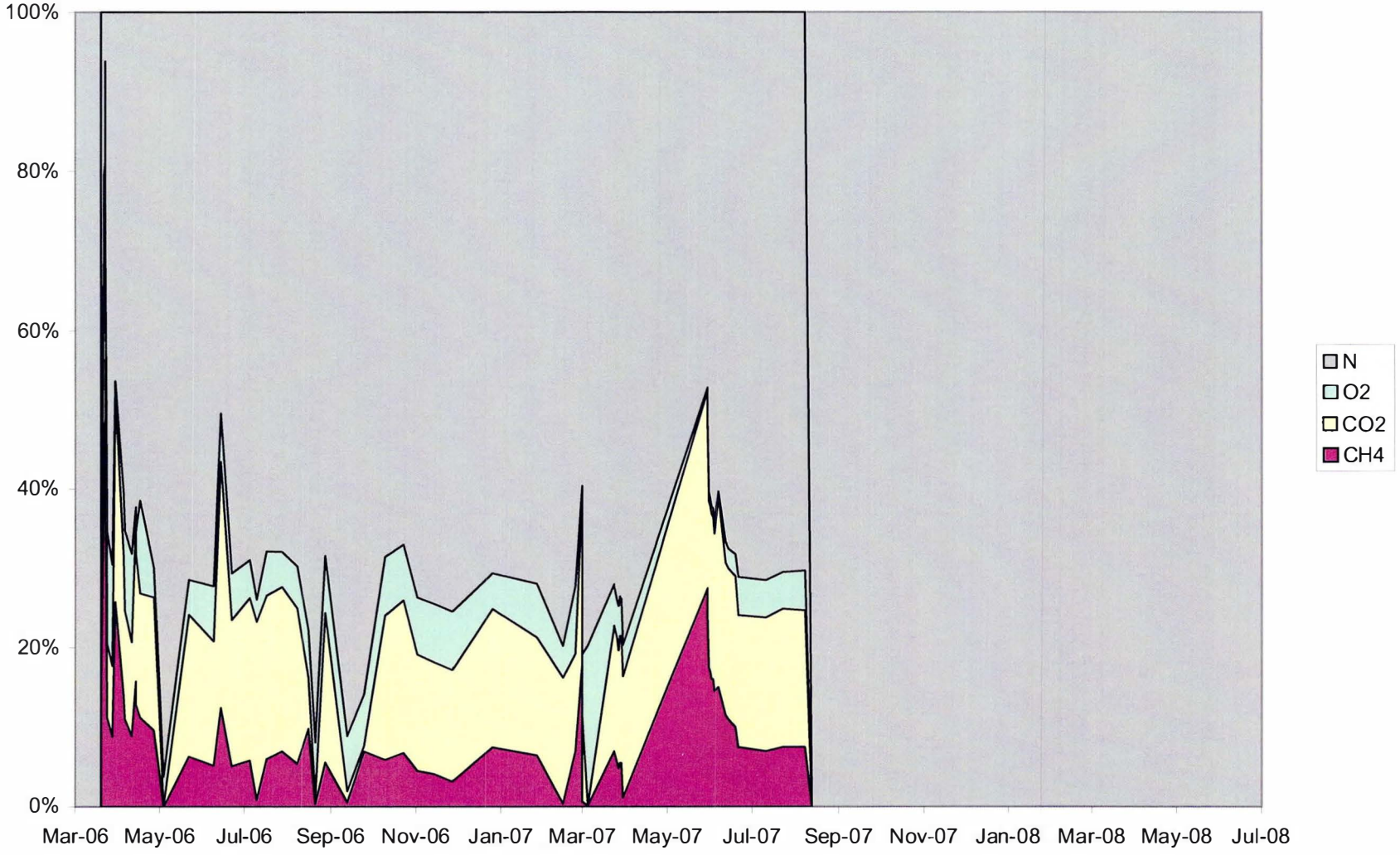

Chart 6: GV-12 Gas Concentrations

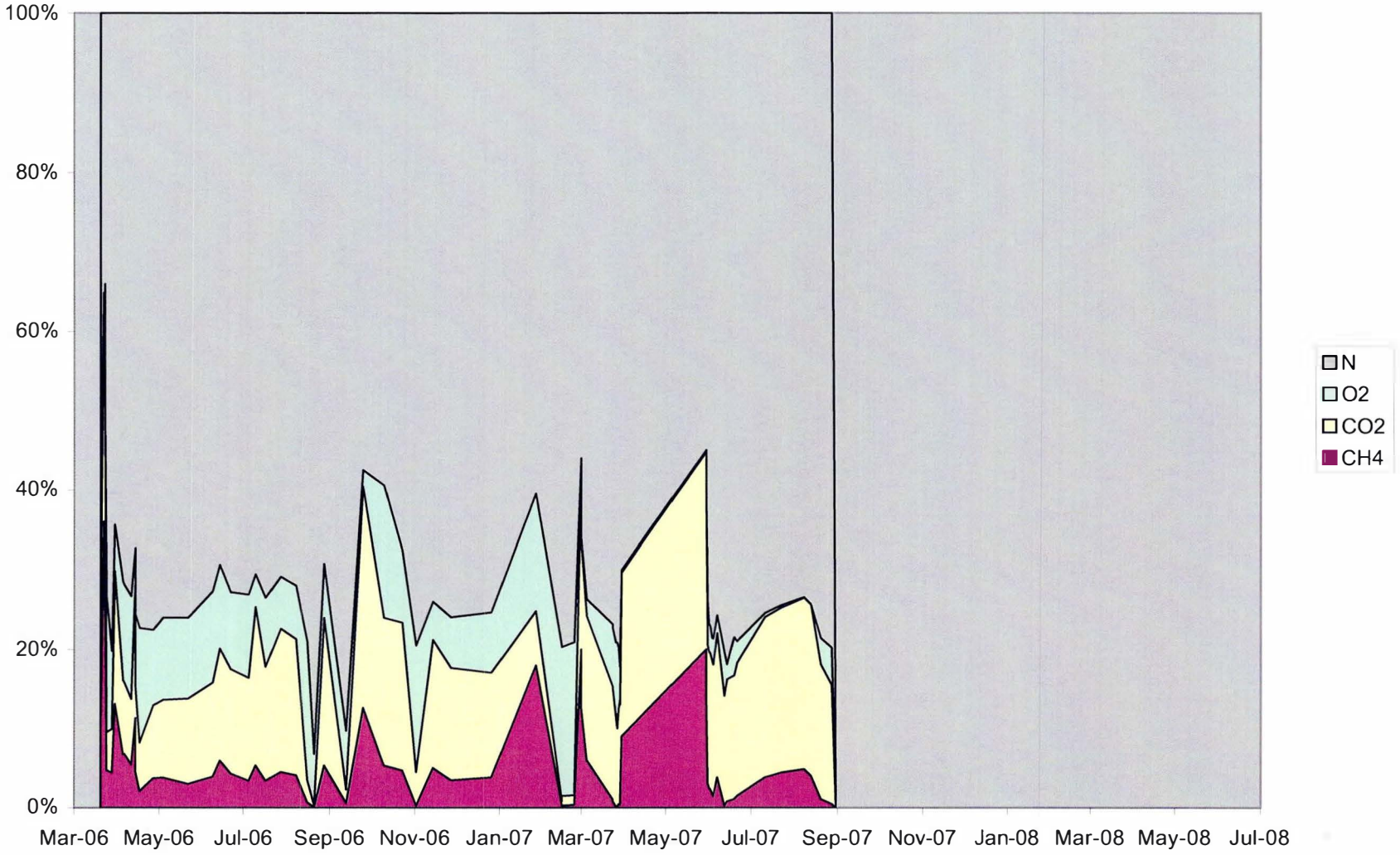

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Chart 7: LC-1 Gas Concentrations

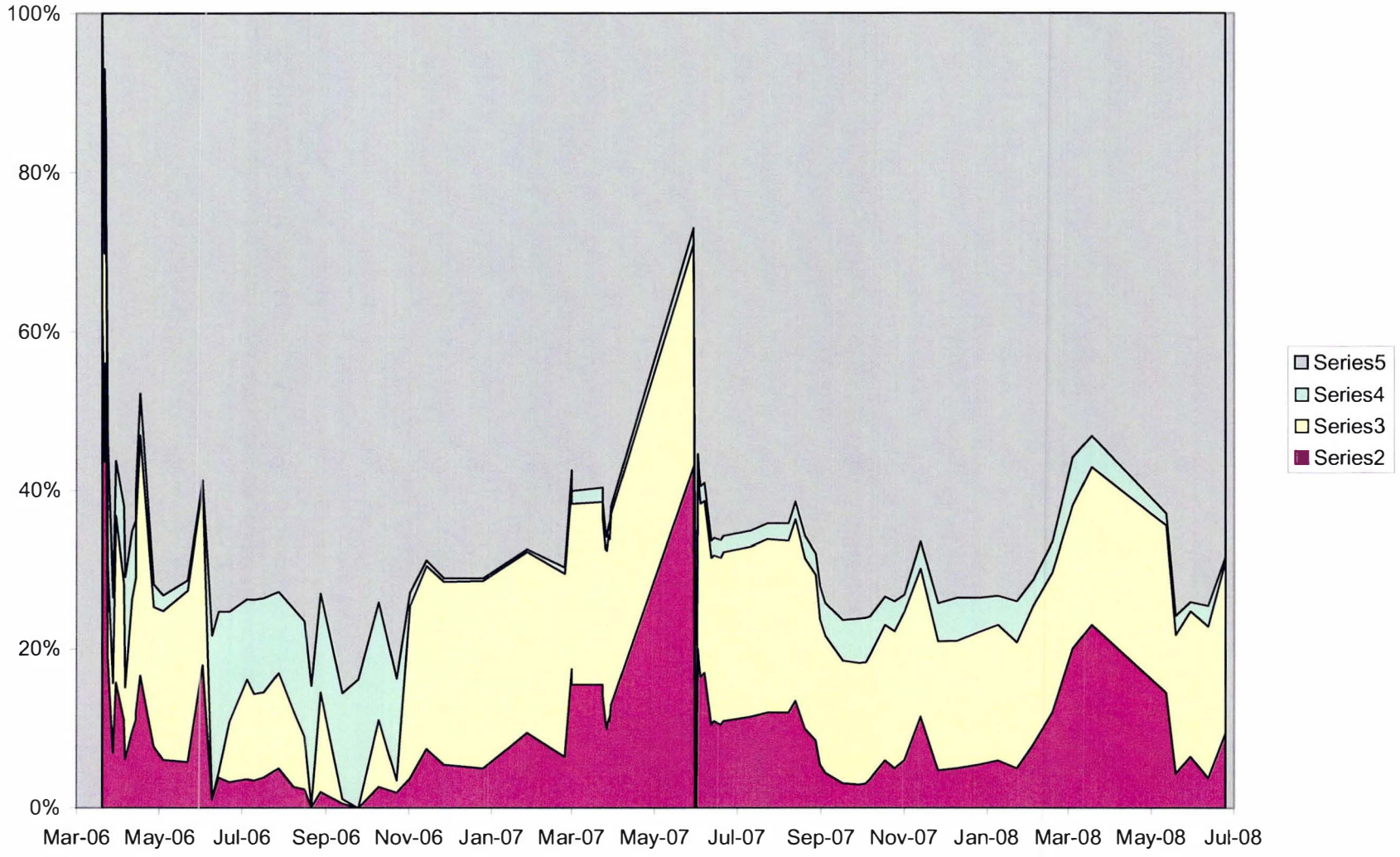

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Chart 8: LC-2 Gas Concentrations

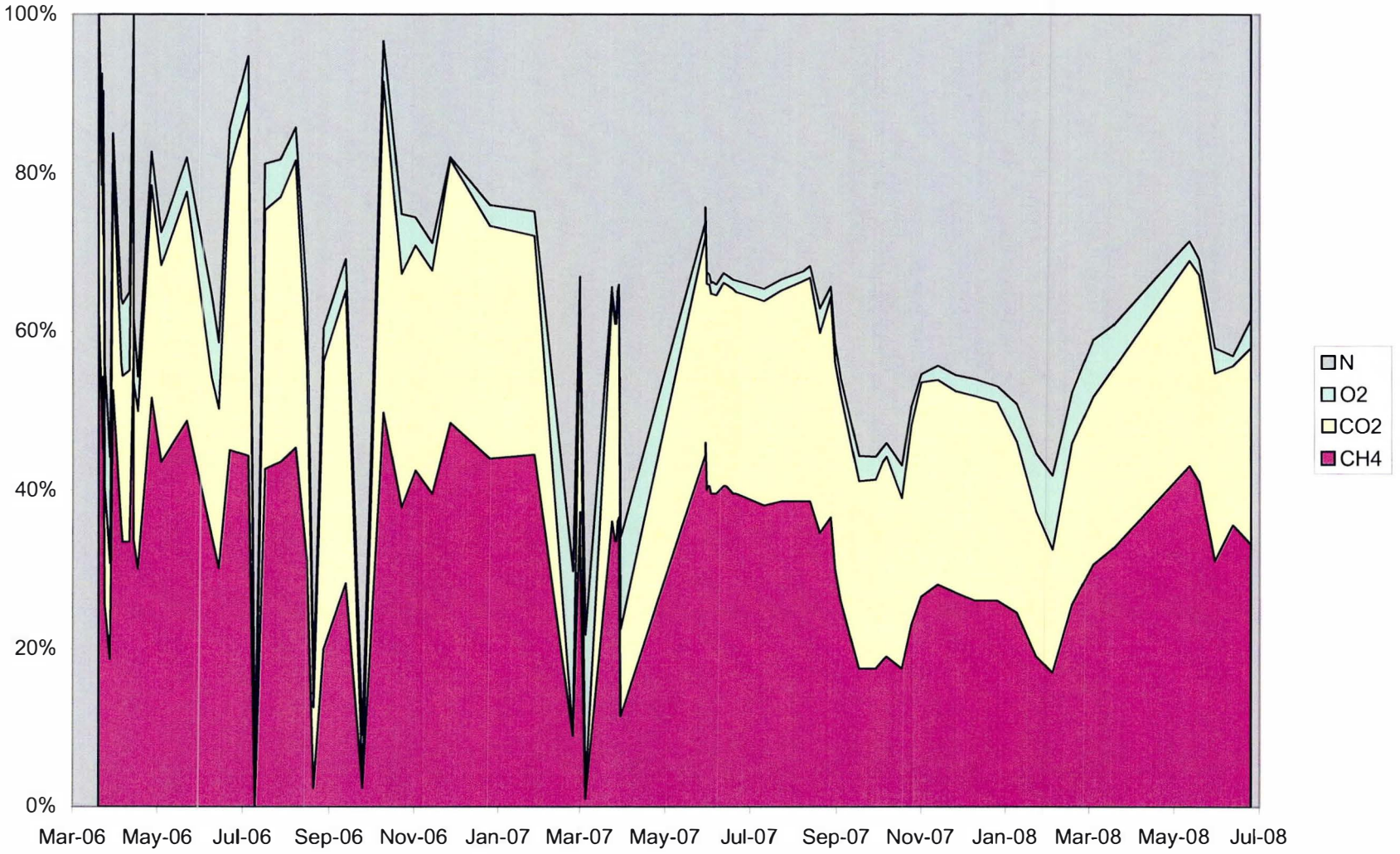

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Chart 9: LC-3 Gas Concentrations

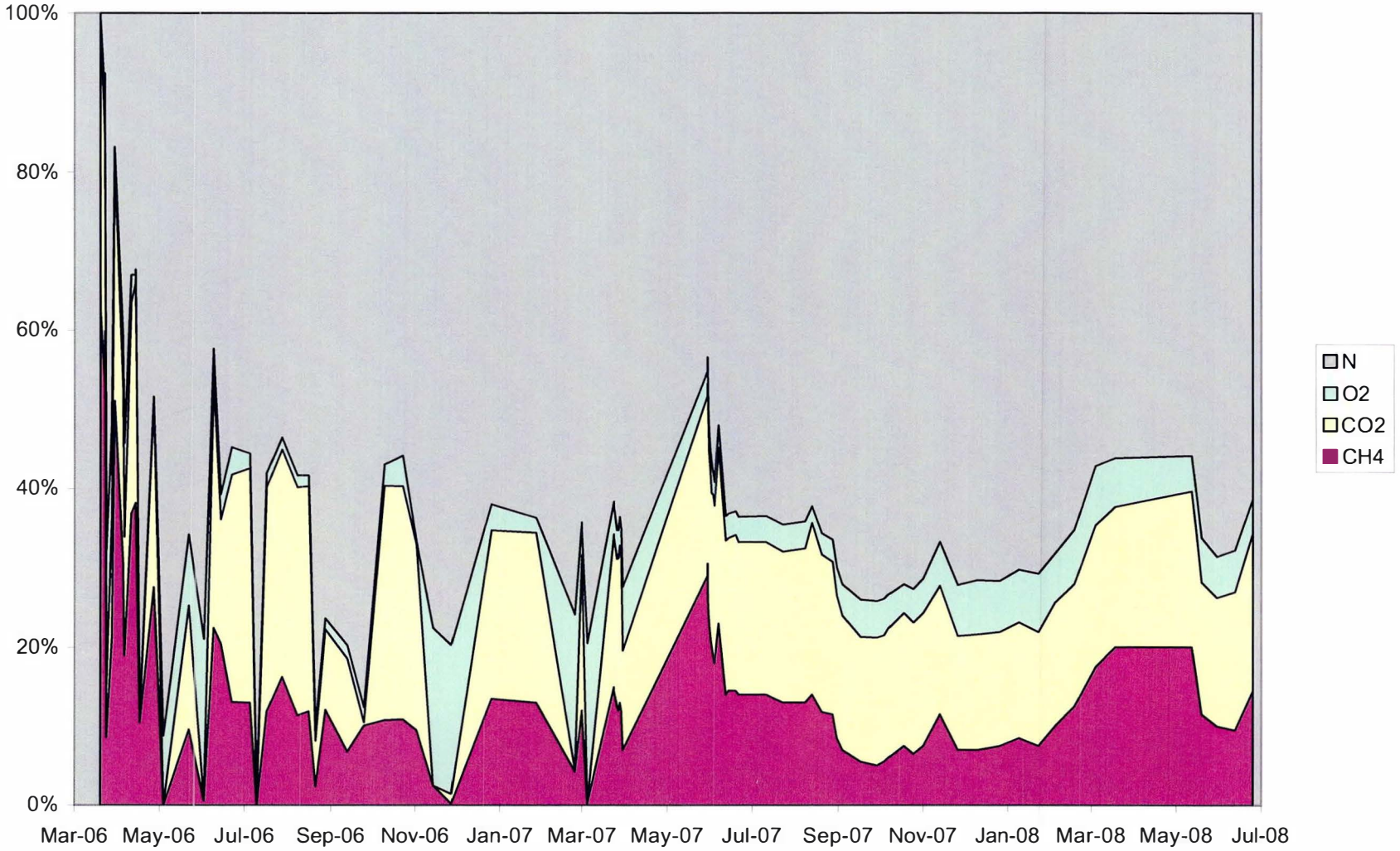

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Chart 10: System Exhaust

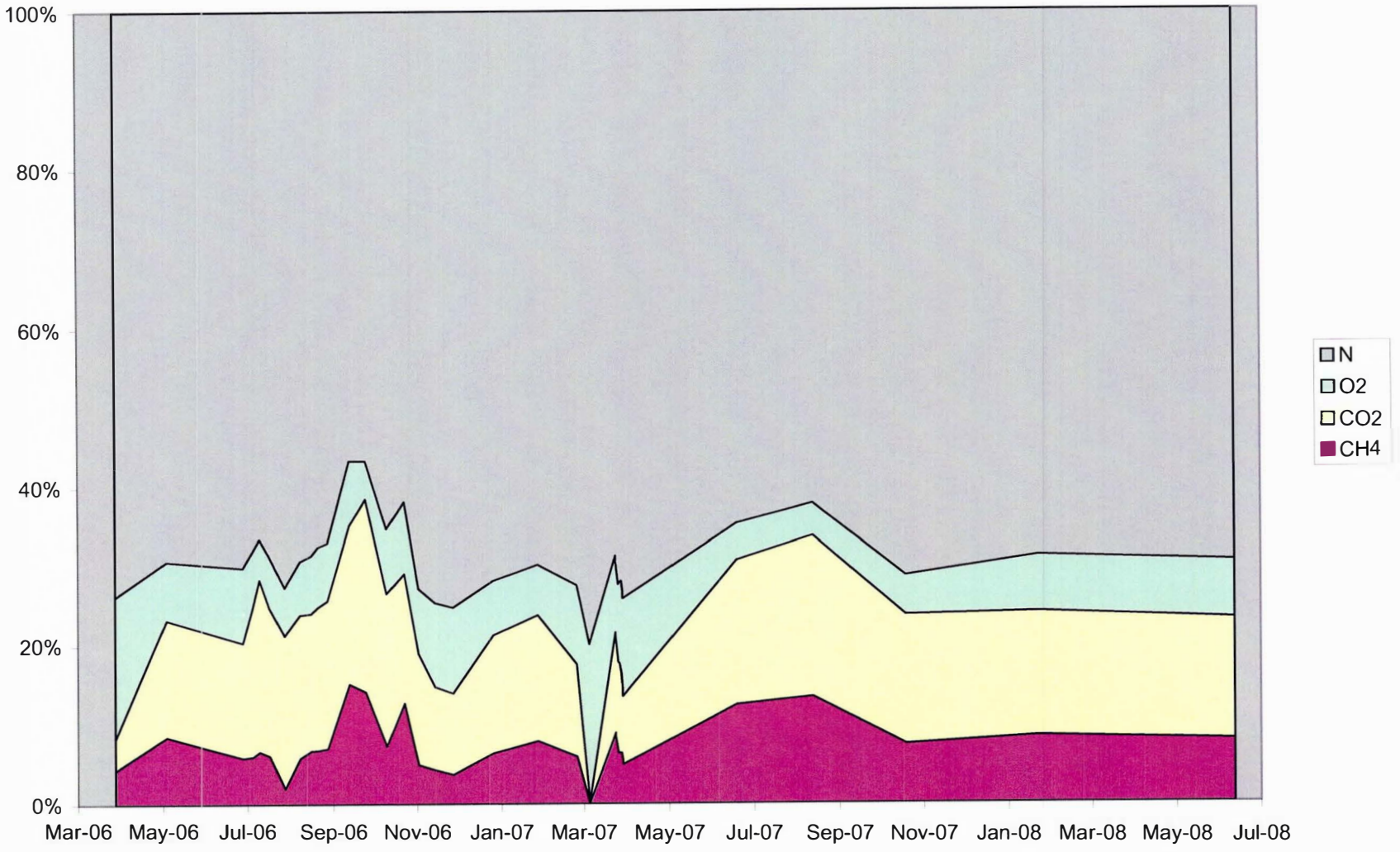

Chart 11: GP-1 Gas Concentrations

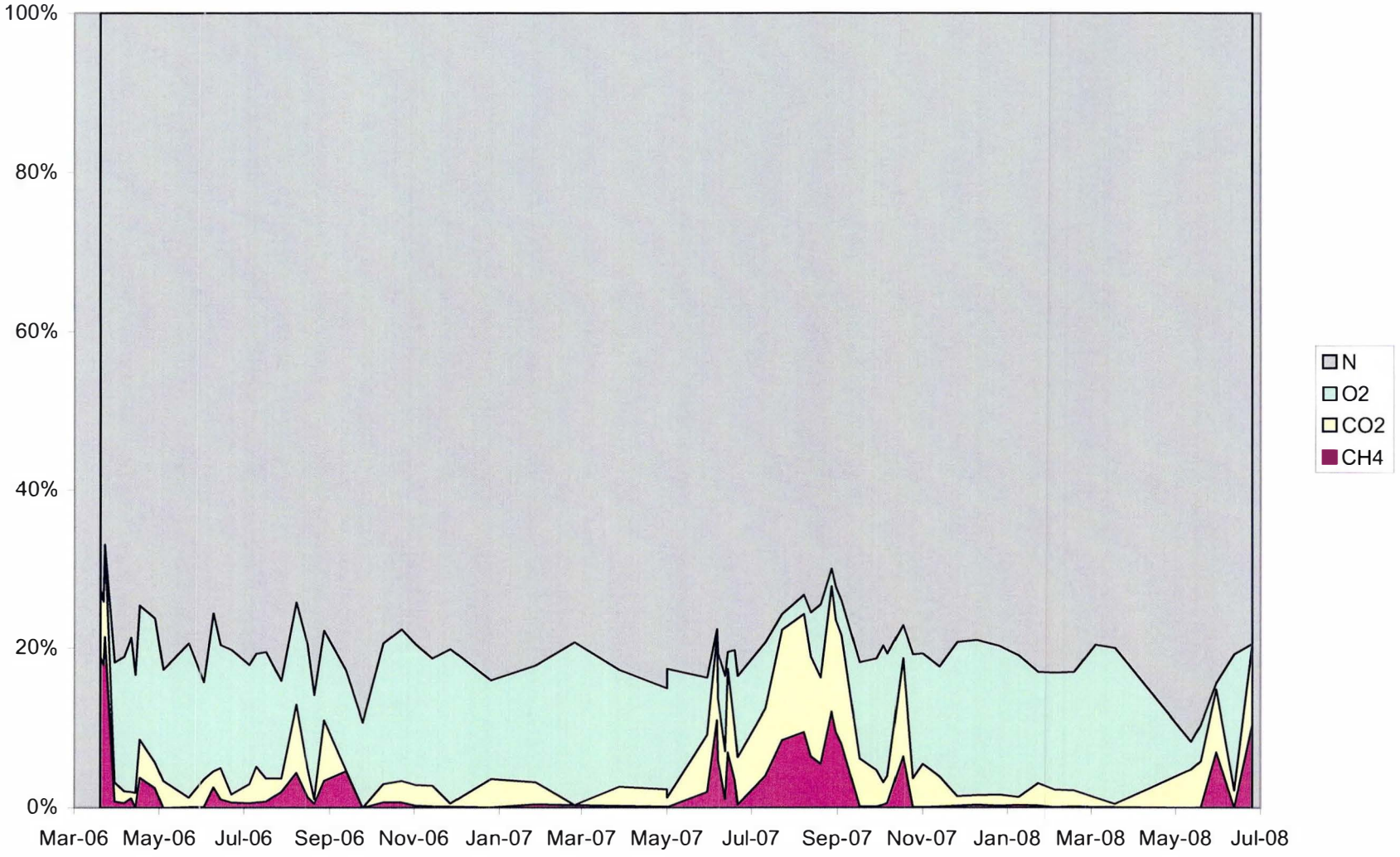

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Chart 12: GP-2 Gas Concentrations

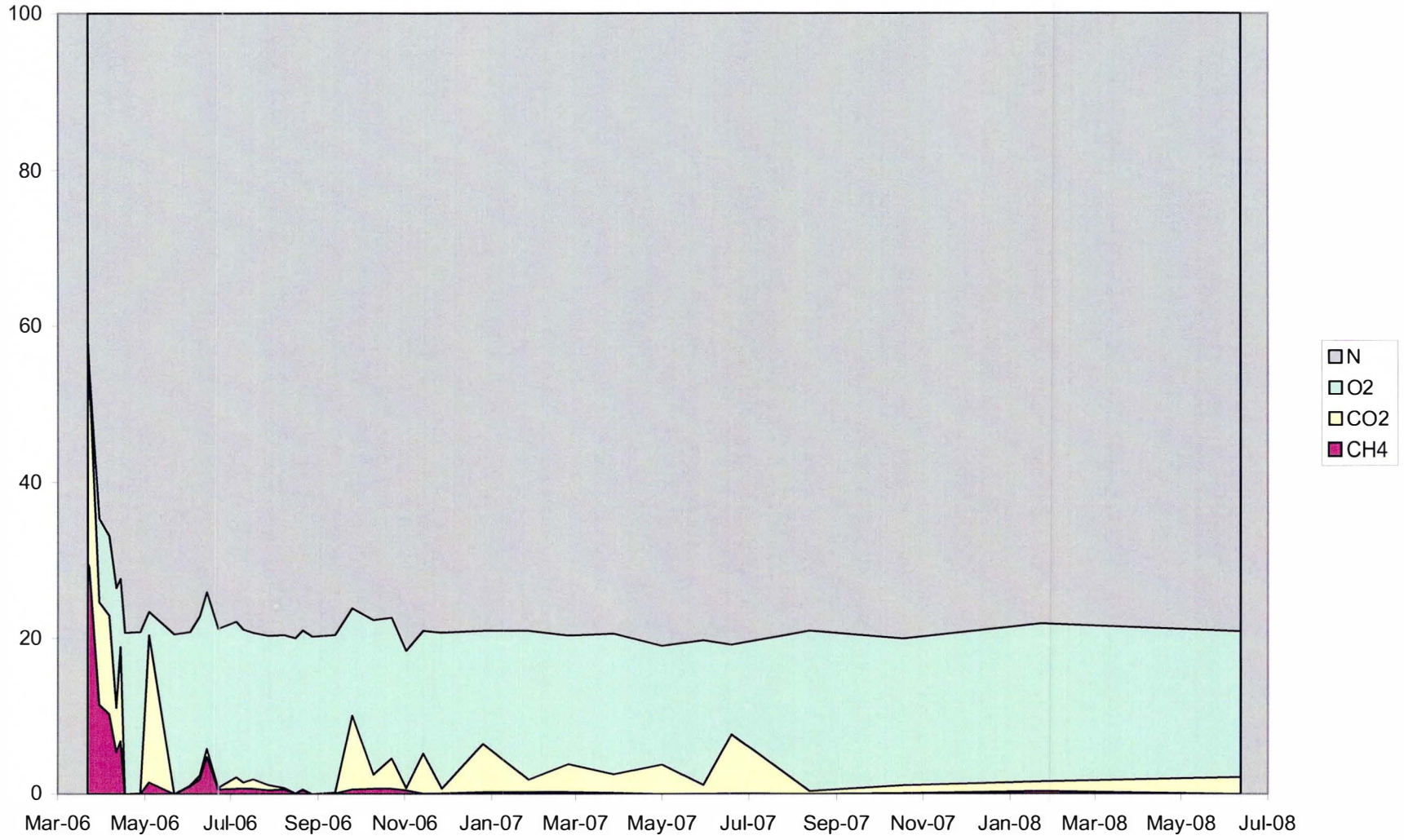

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Chart 13: GP-3 Gas Concentrations

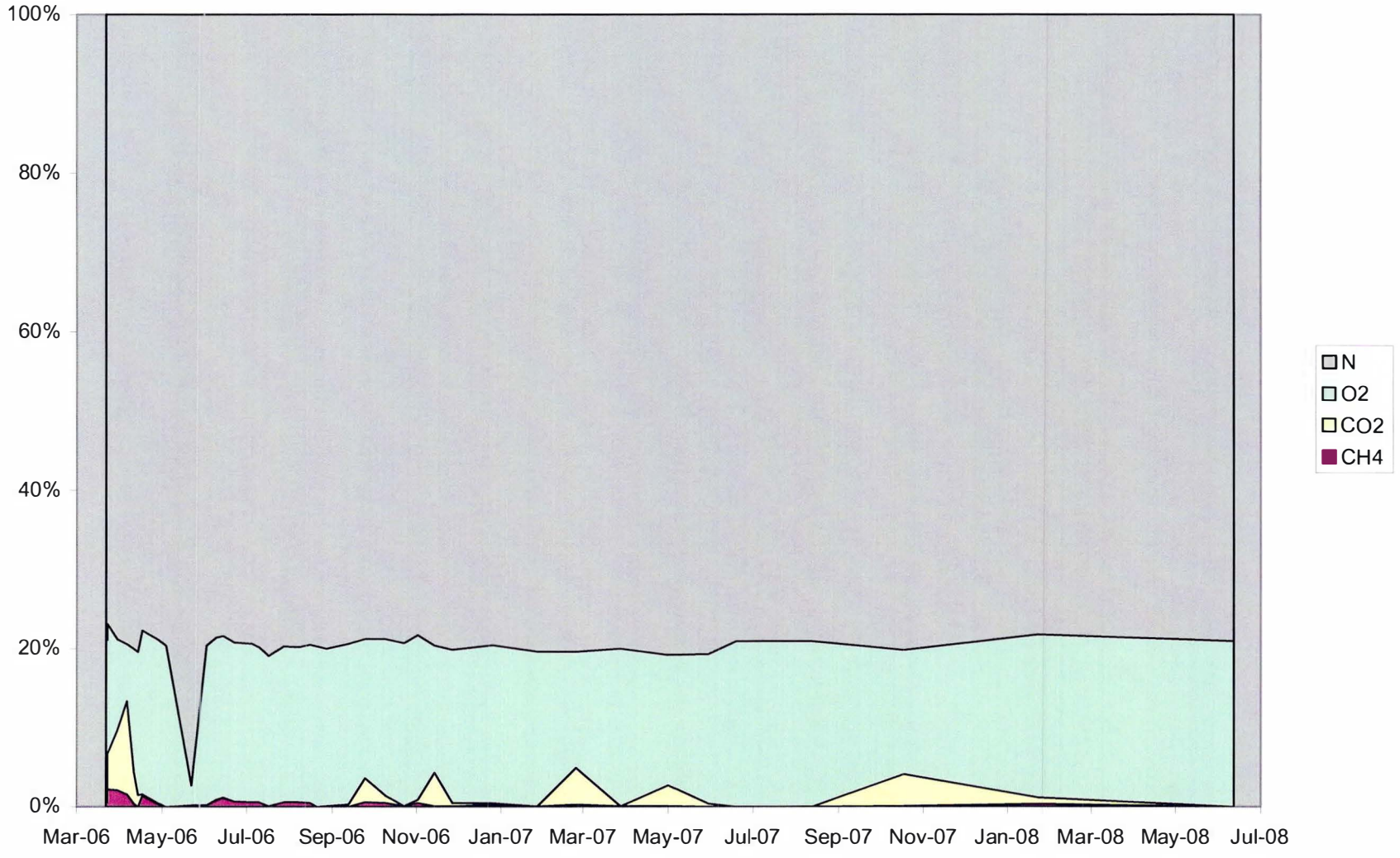

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Chart 14: GP-4 Gas Concentrations

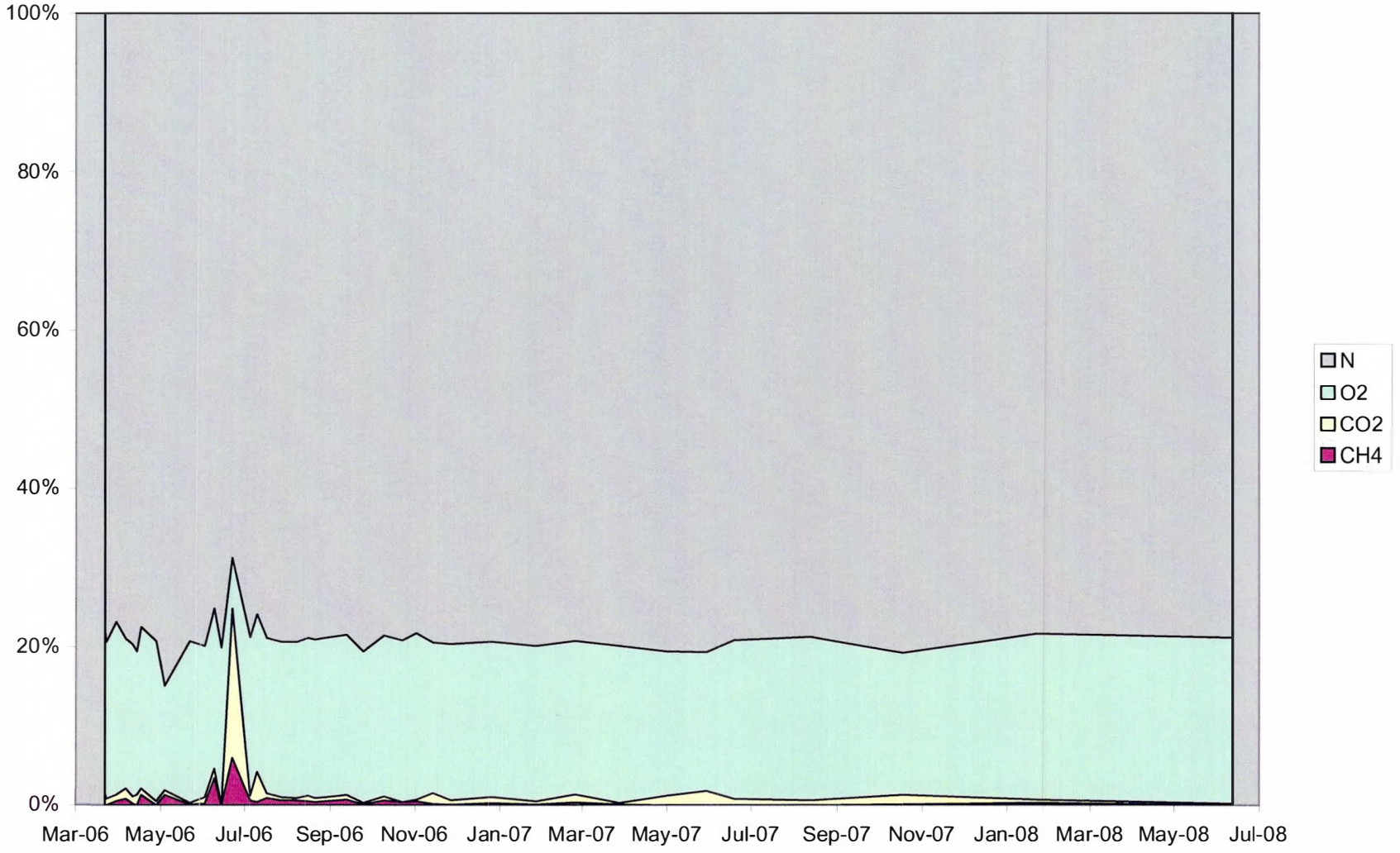

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Chart 15: GP-5 Gas Concentrations

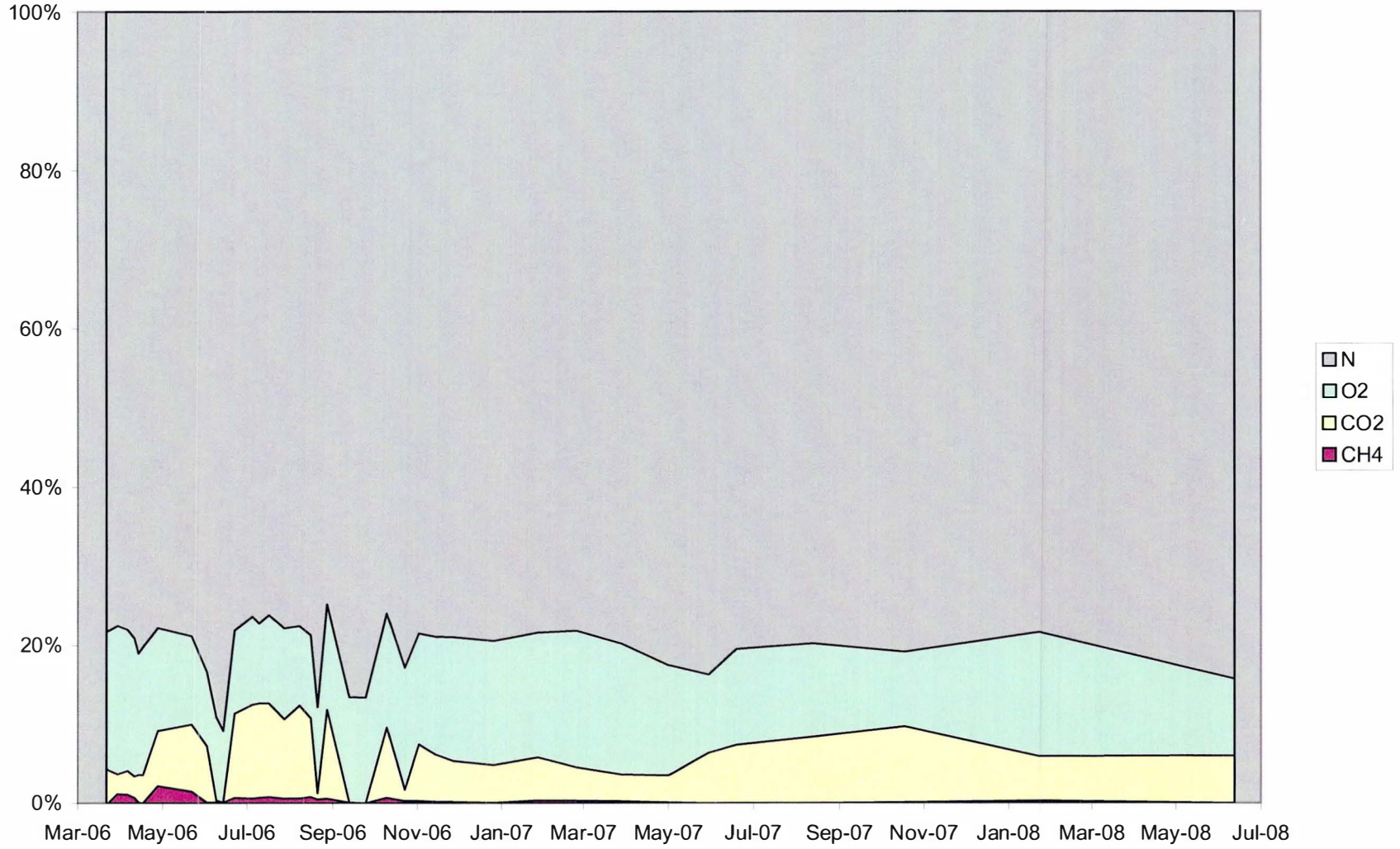

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Chart 16: GP-6 Gas Concentrations

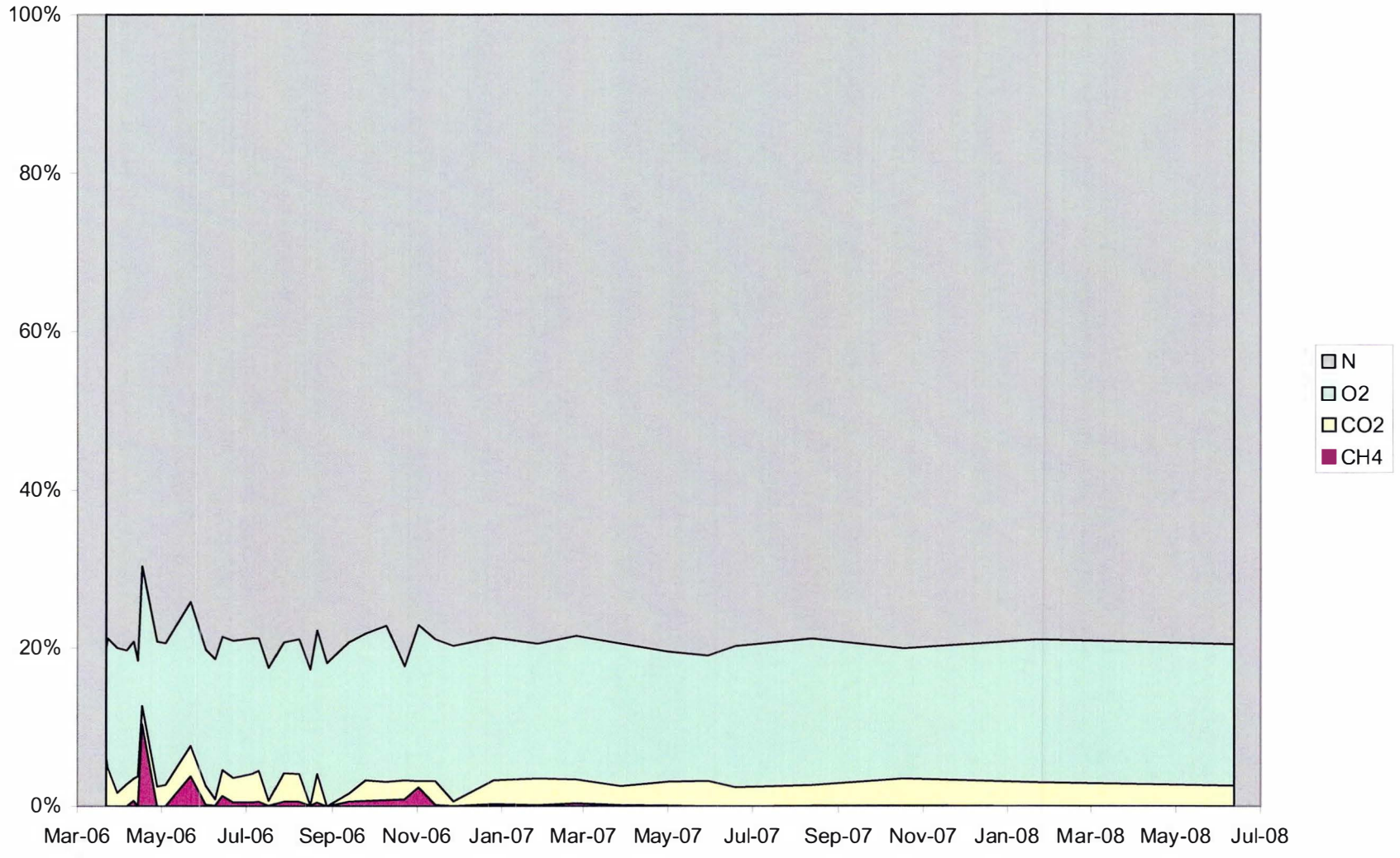

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Chart 17: GP-7 Gas Concentrations

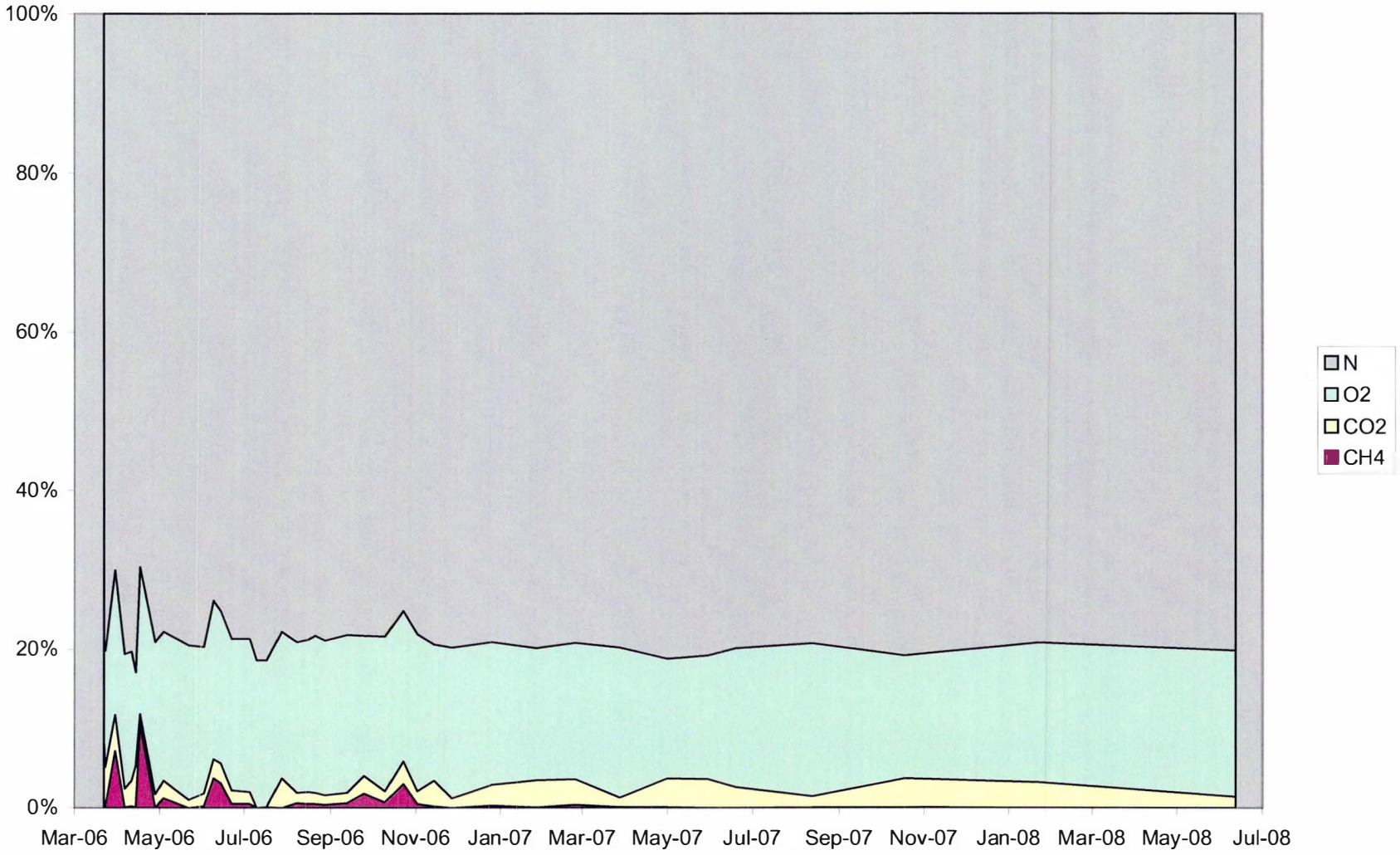

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Chart 18: GP-8 Gas Concentrations

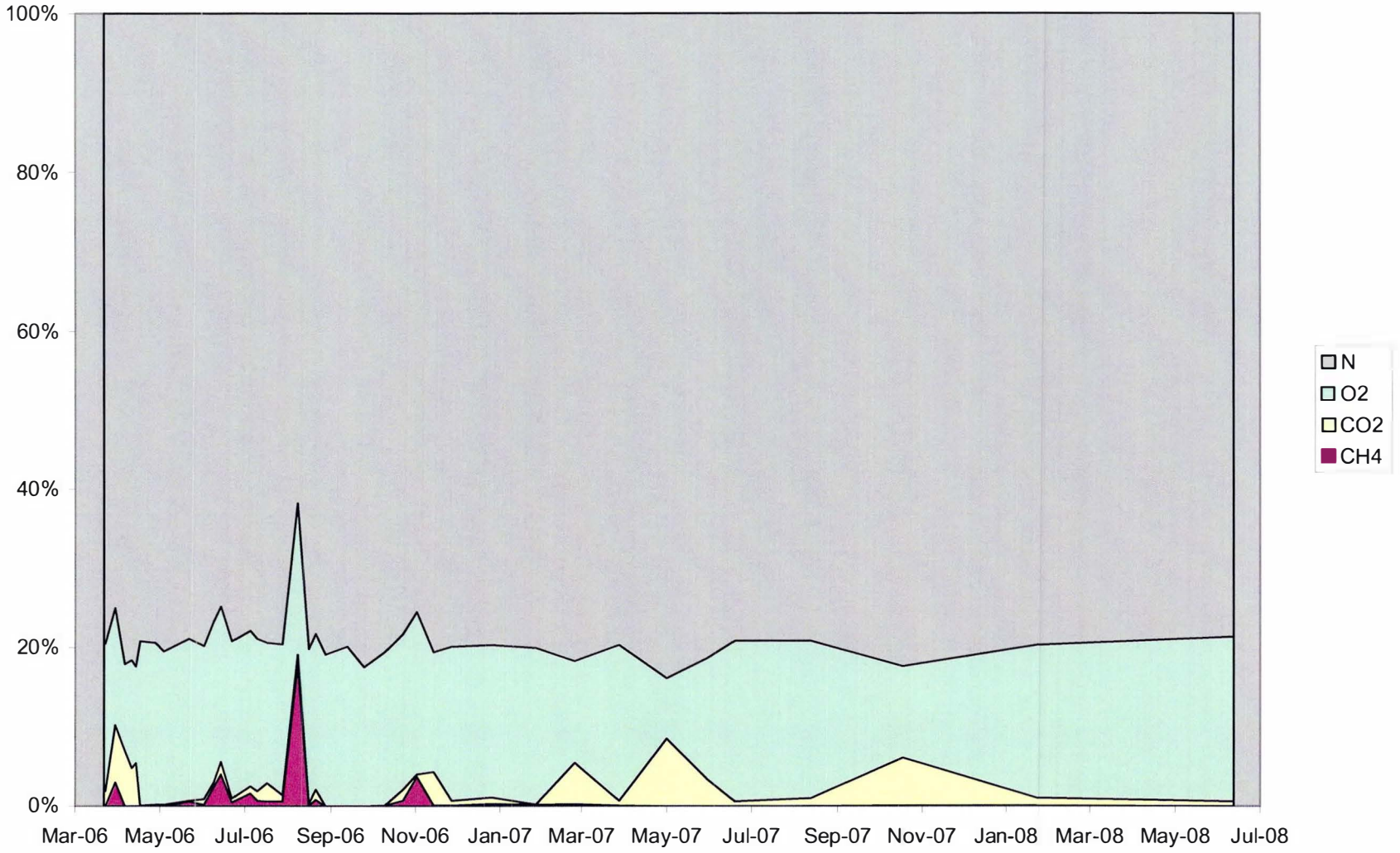

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Chart 19: GP-10 Gas Concentrations

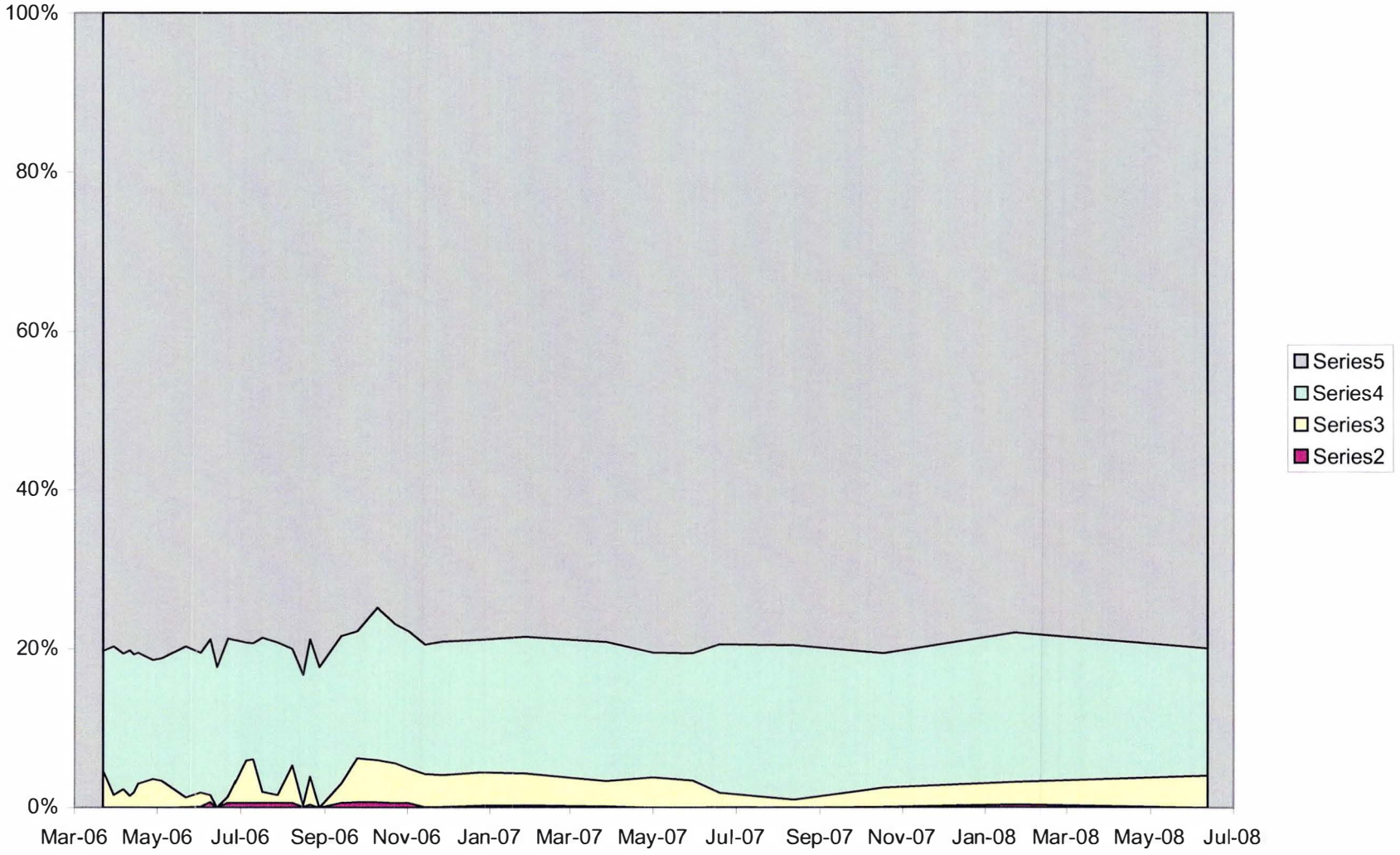

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Chart 20: GP-11 Gas Concentrations

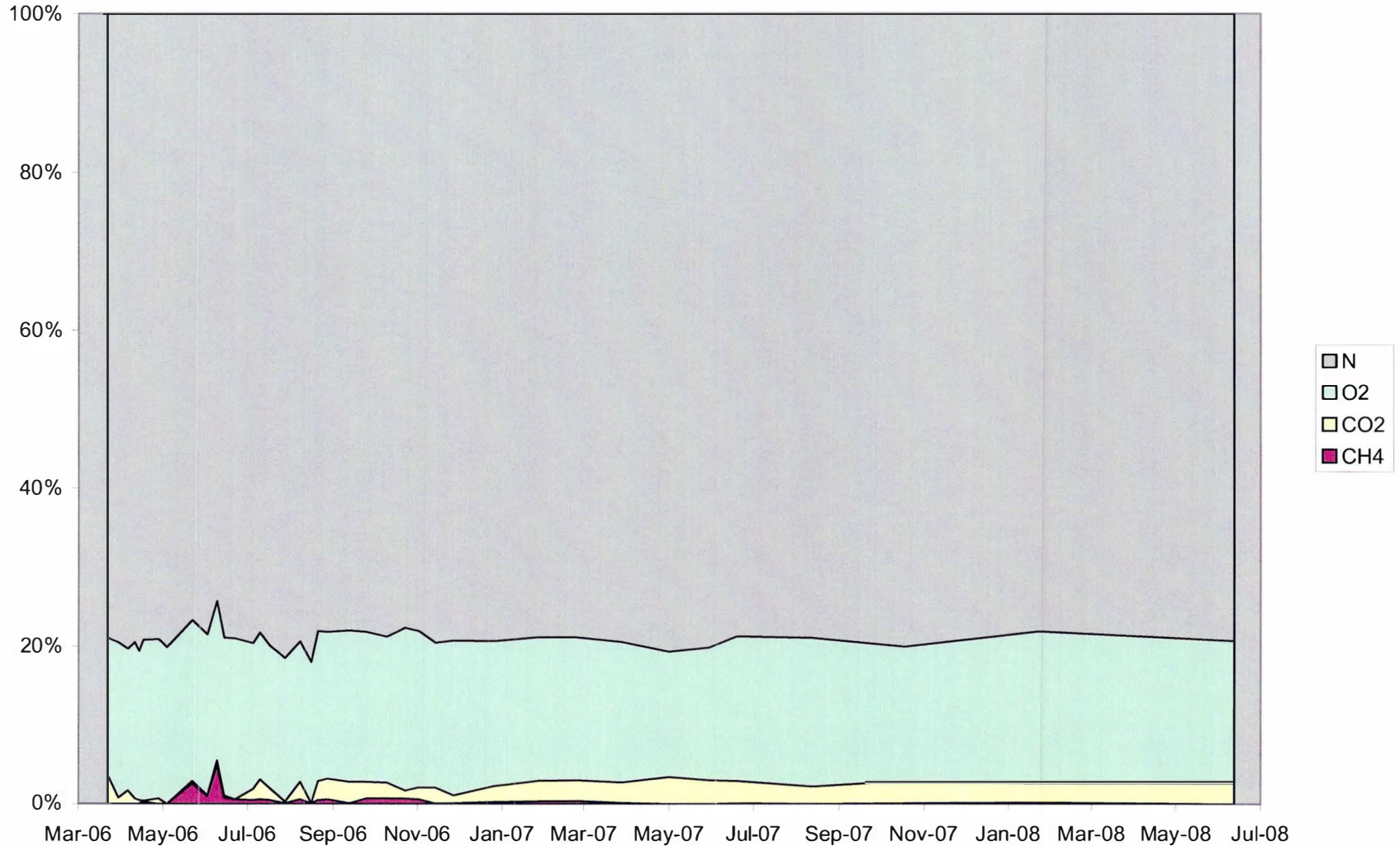

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Chart 21: GP-12 Gas Concentrations

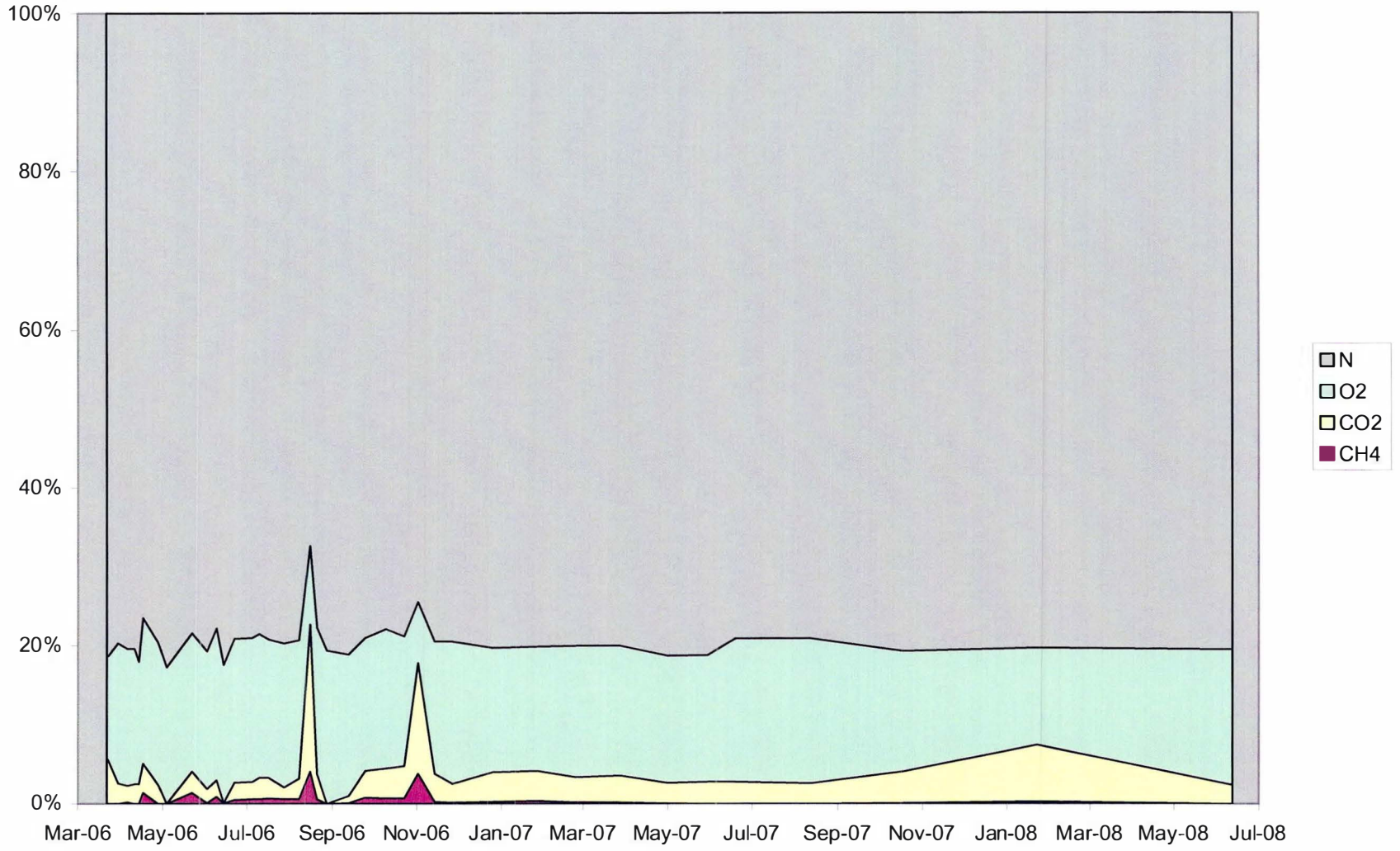

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Chart 22: MW-101 Gas Concentrations

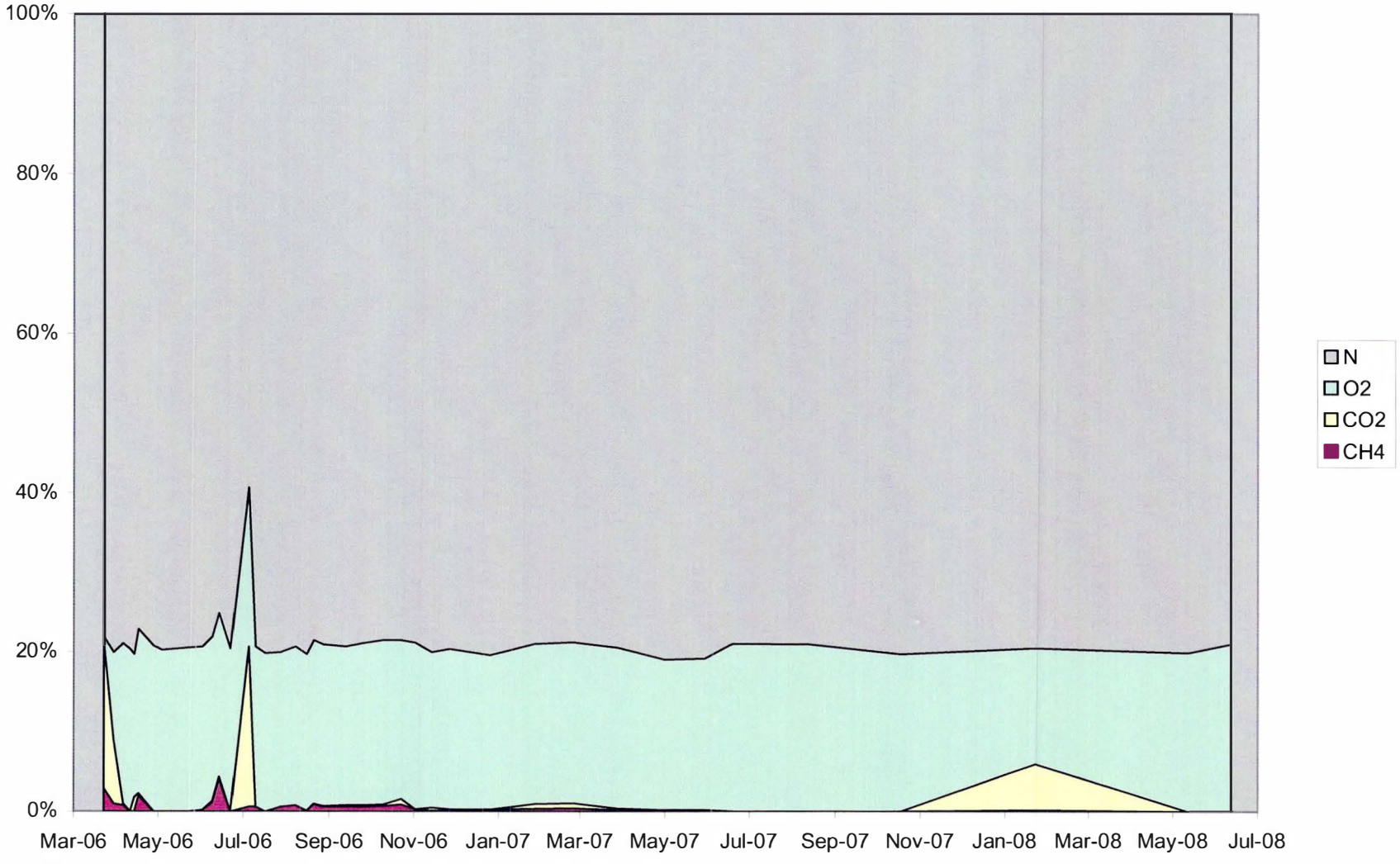

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Chart 23: MW-102 Gas Concentrations

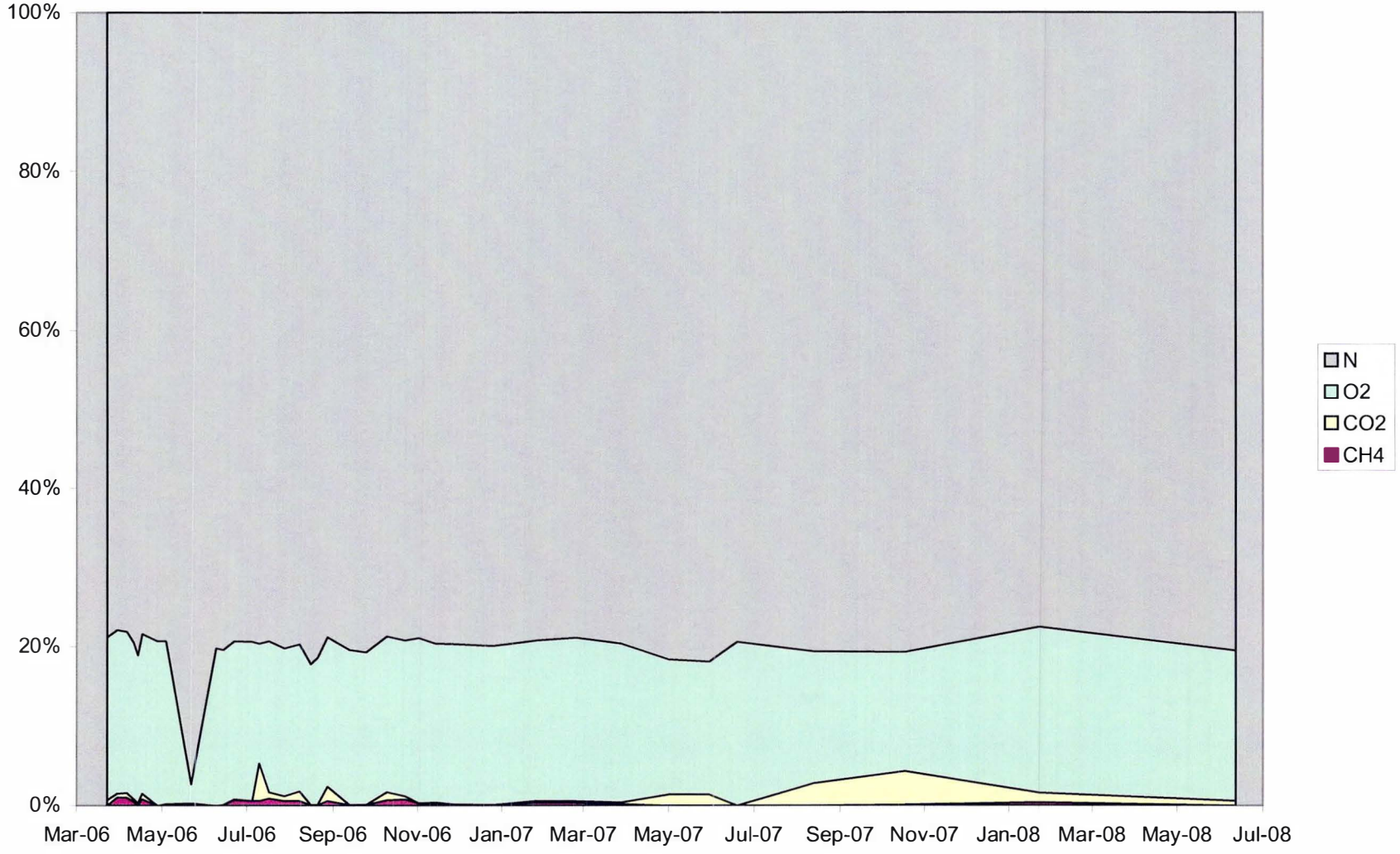

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Chart 24: MW-103 Gas Concentrations

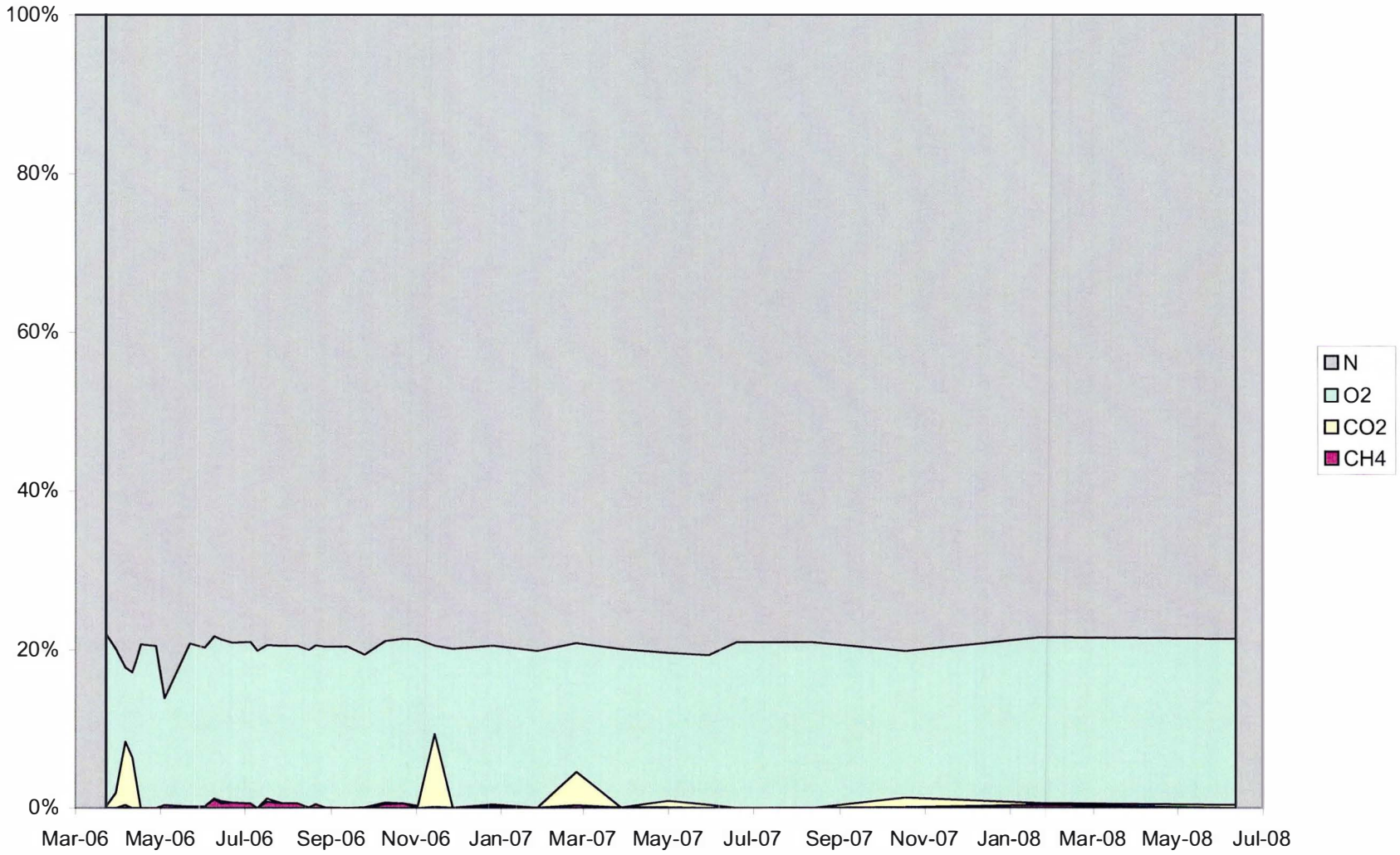

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Chart 25: MW-104 Gas Concentrations

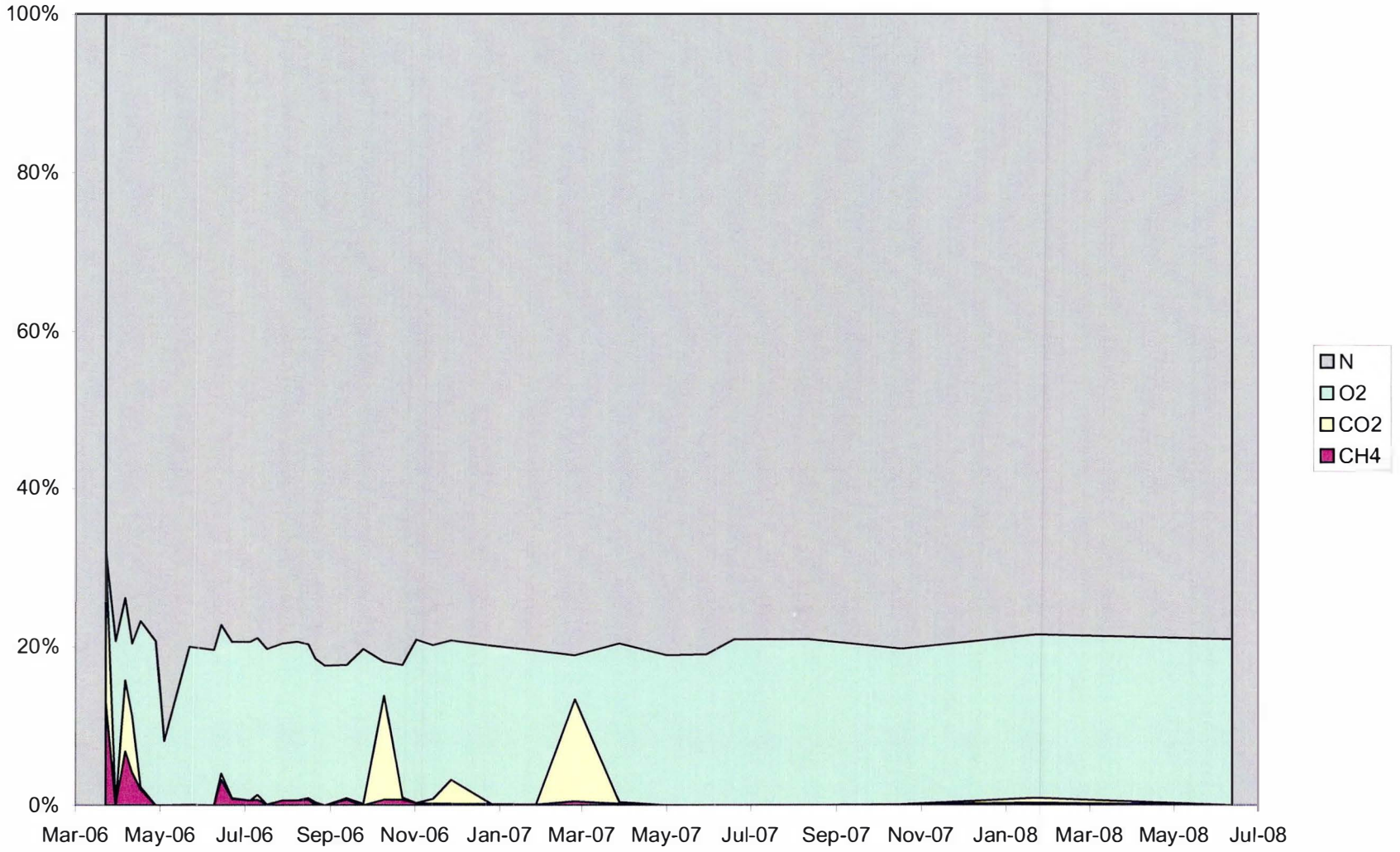

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Chart 26: Barometric Pressure
(Weather Station: Ripon, WI)

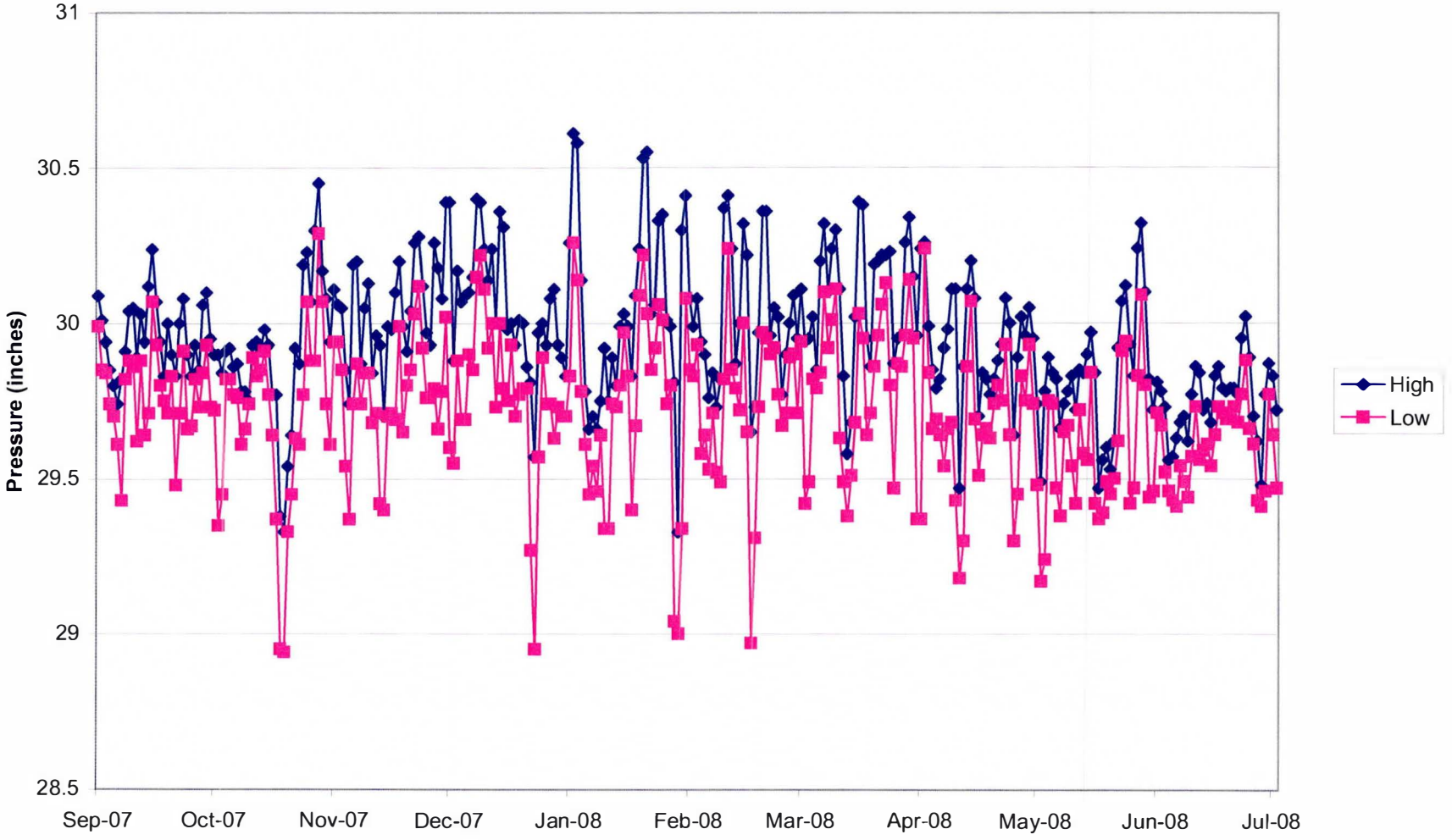

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Chart 27: MW-101
Layer 1 Well

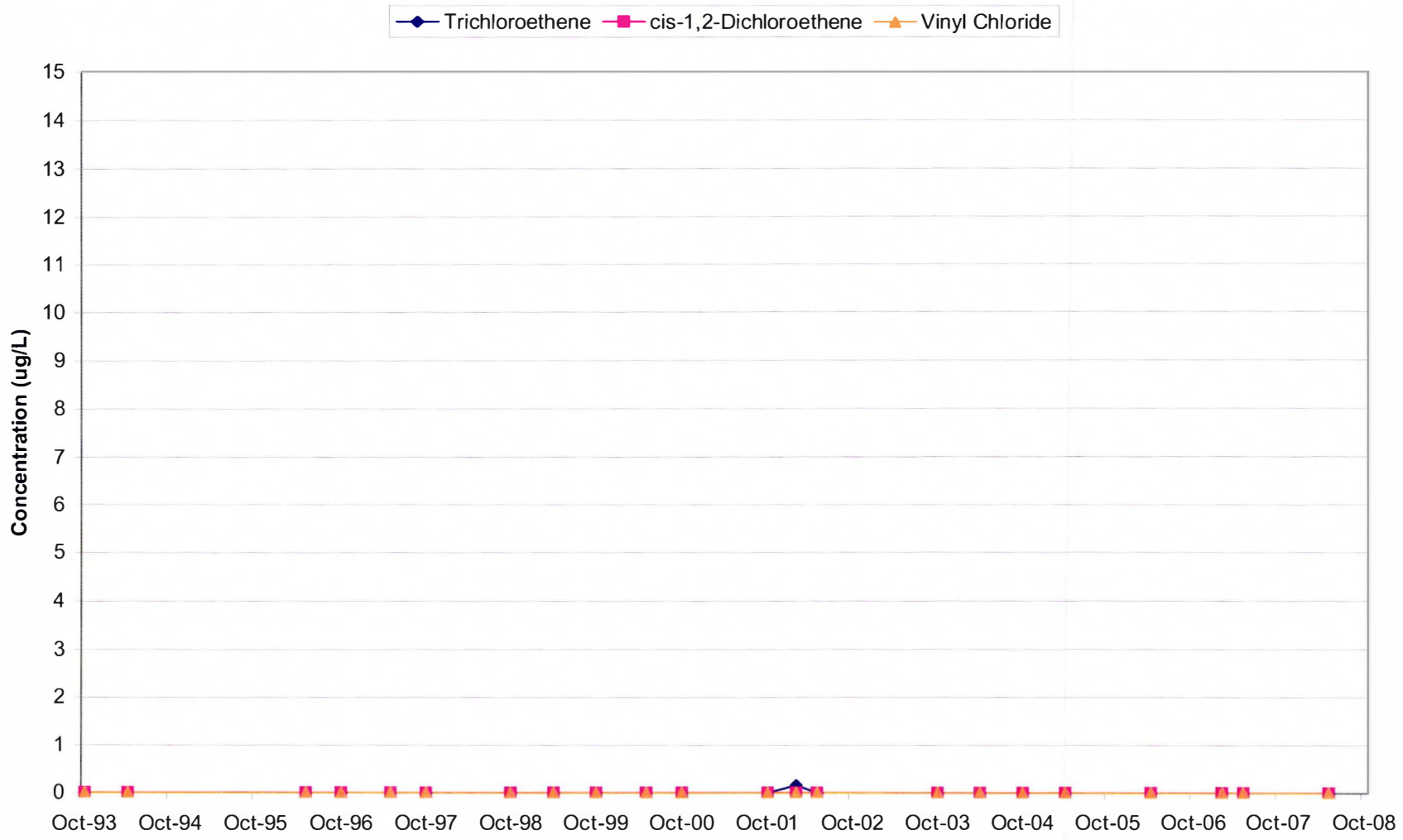

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Chart 28: MW-102
Layer 1 Well

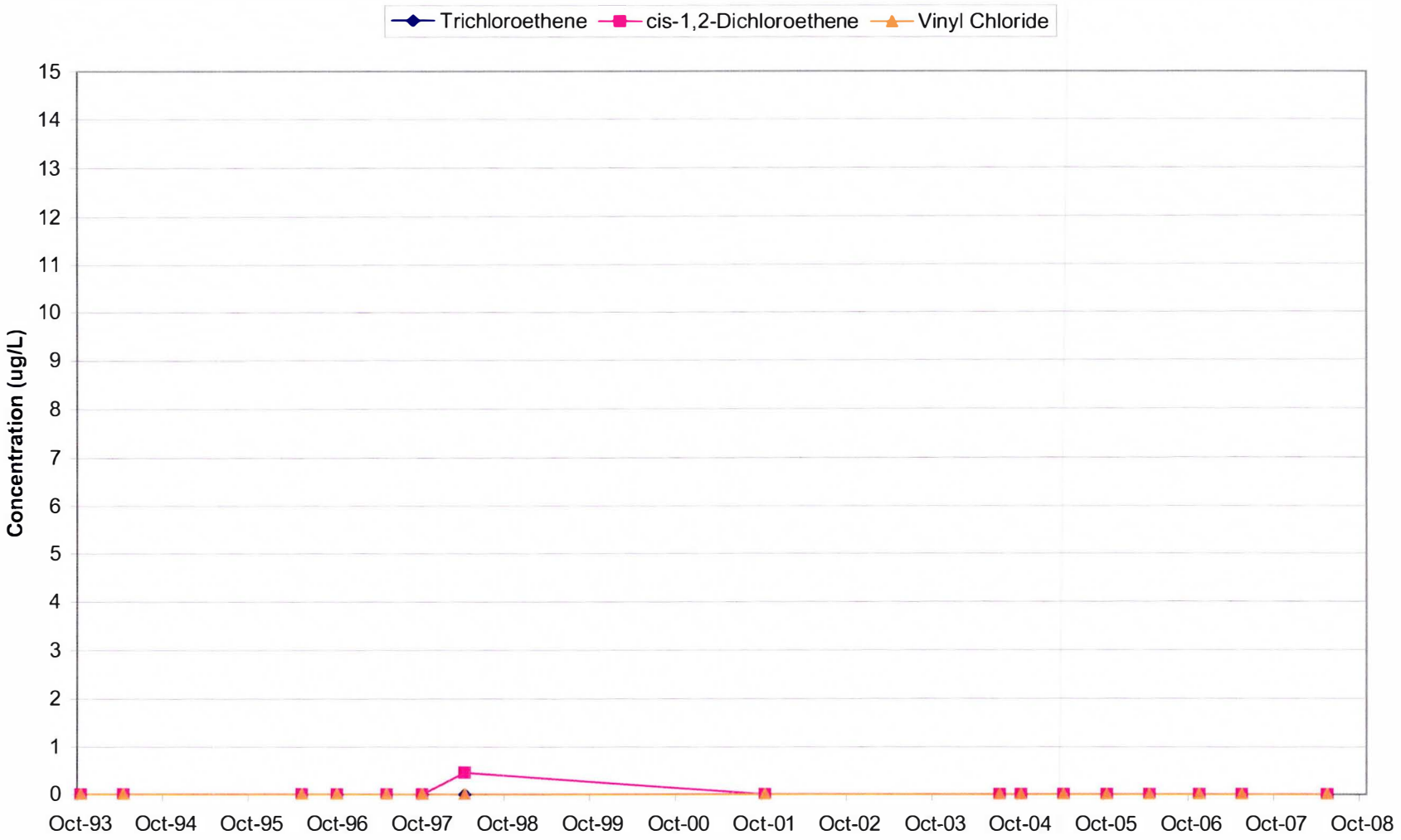

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Chart 29: MW-103
Layer 1 Well

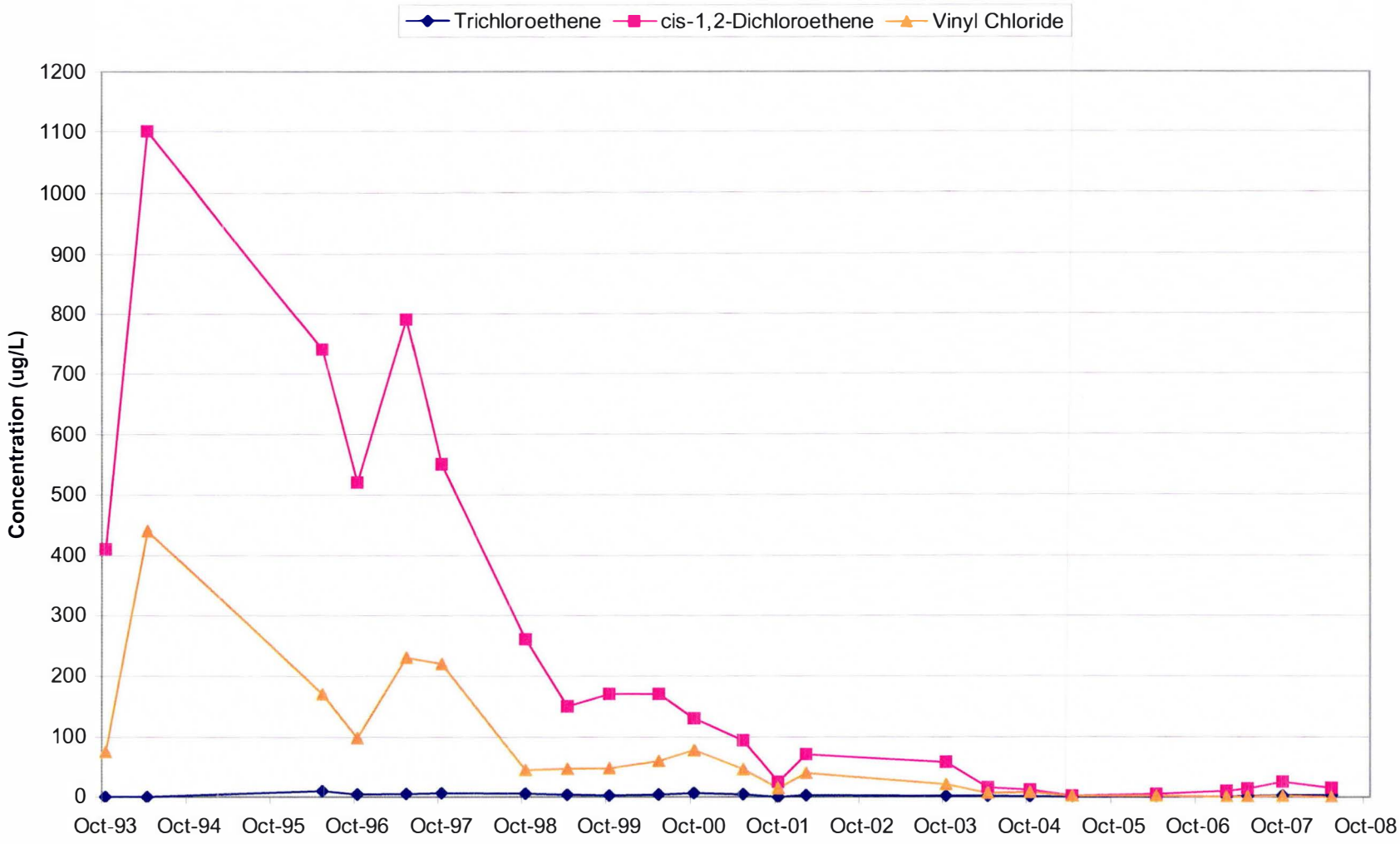

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Chart 30: MW-104
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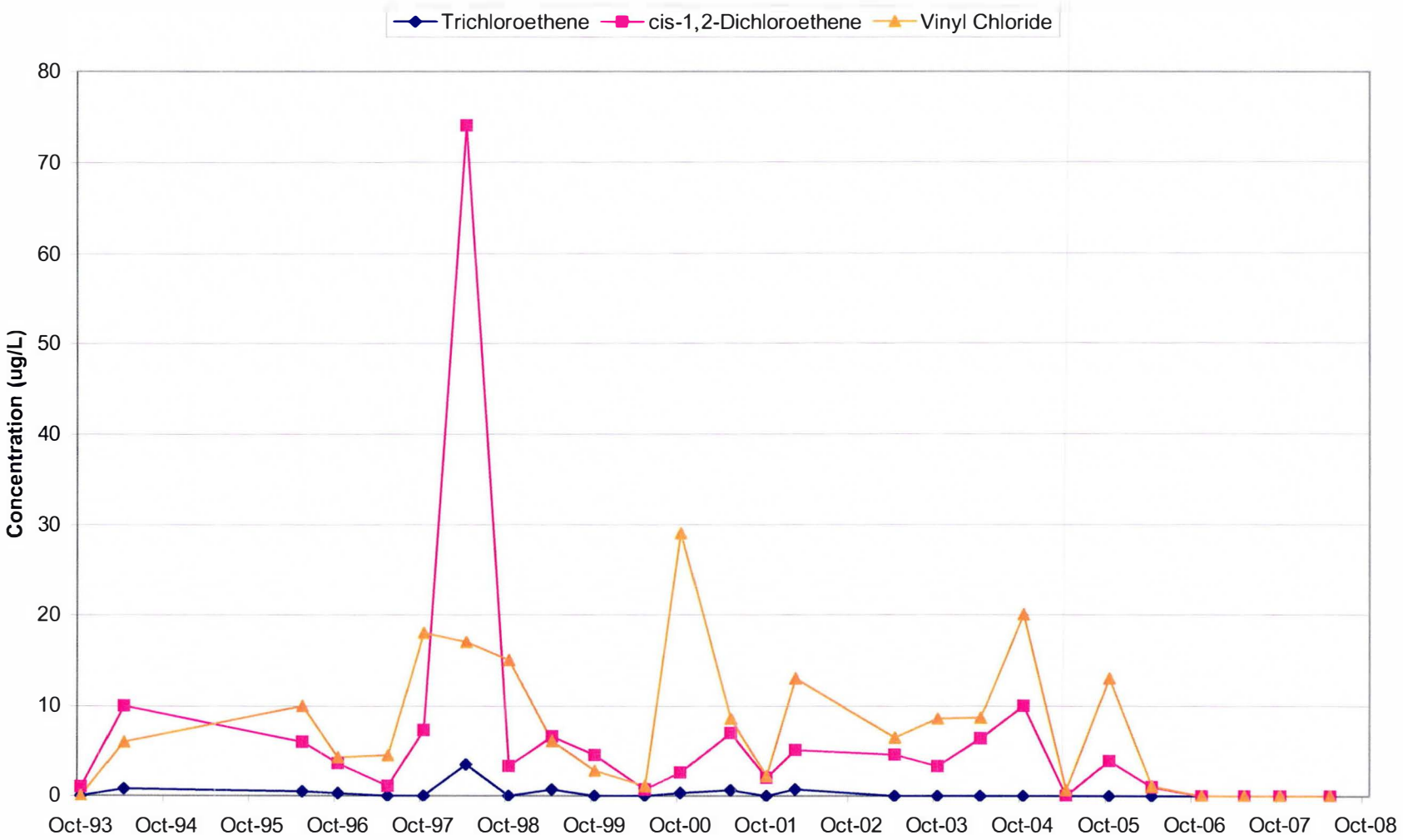

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Chart 31: MW-106
Layer 1 Well

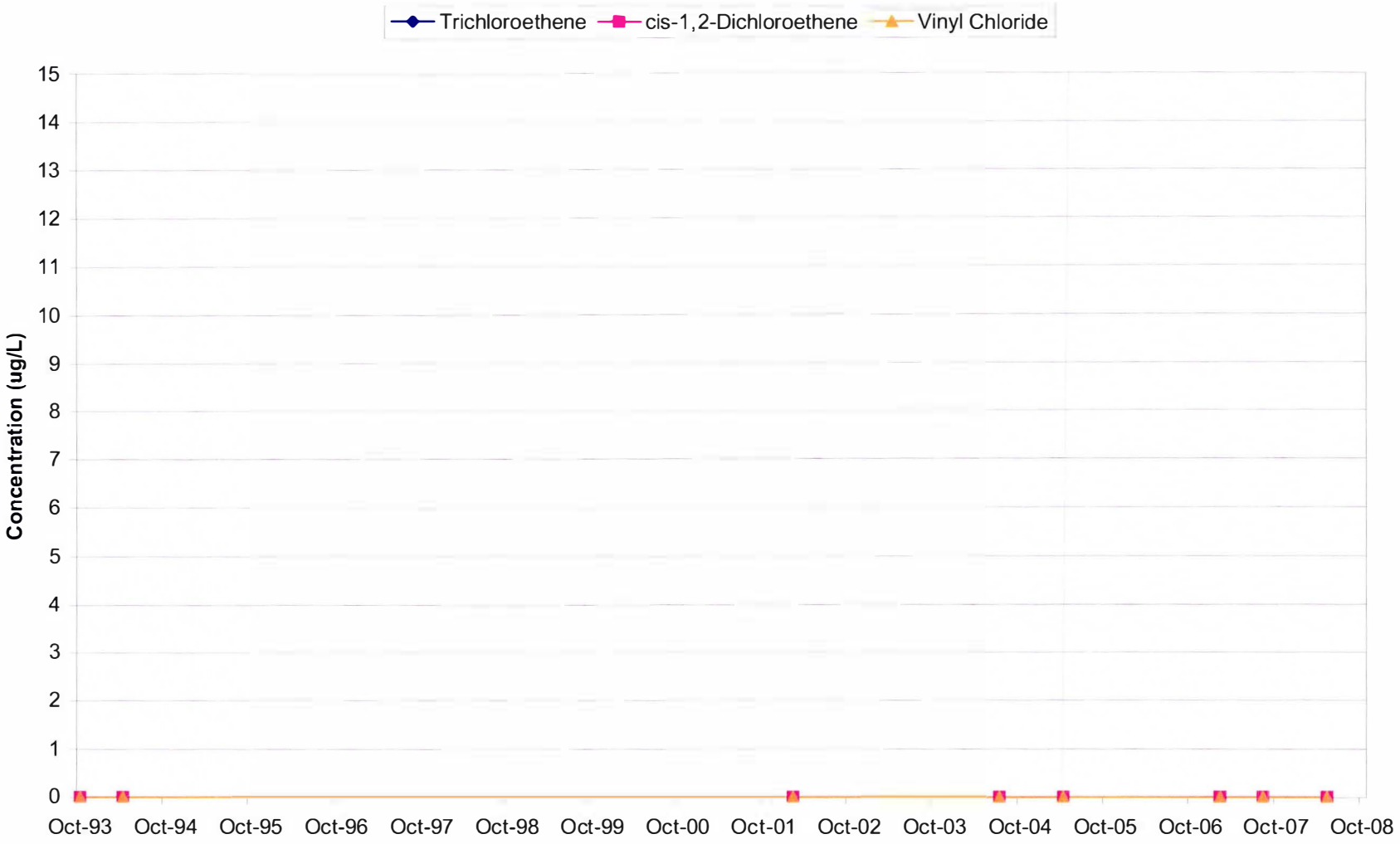

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Chart 32: MW-107
Layer 1 Well

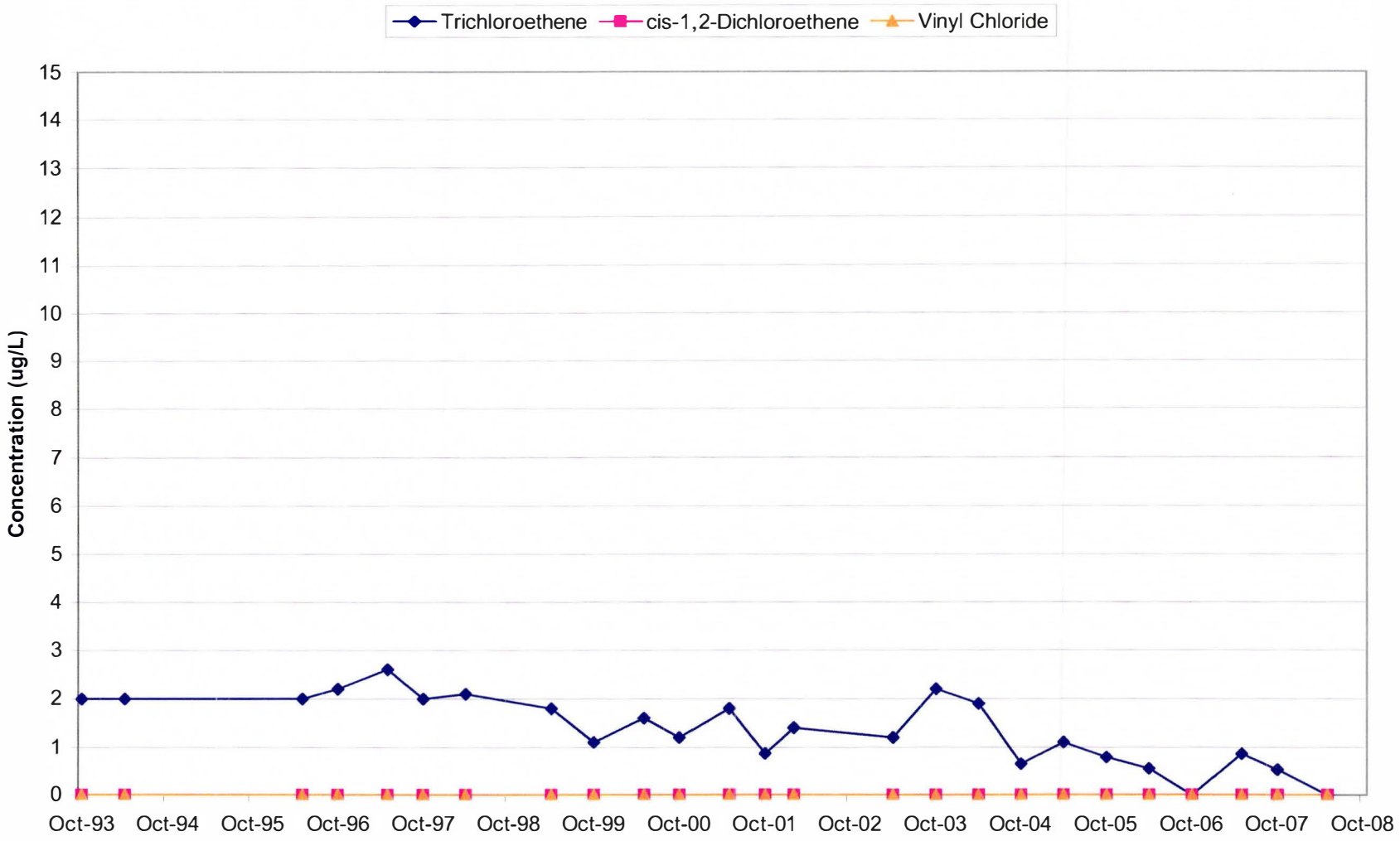

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Chart 33: MW-108
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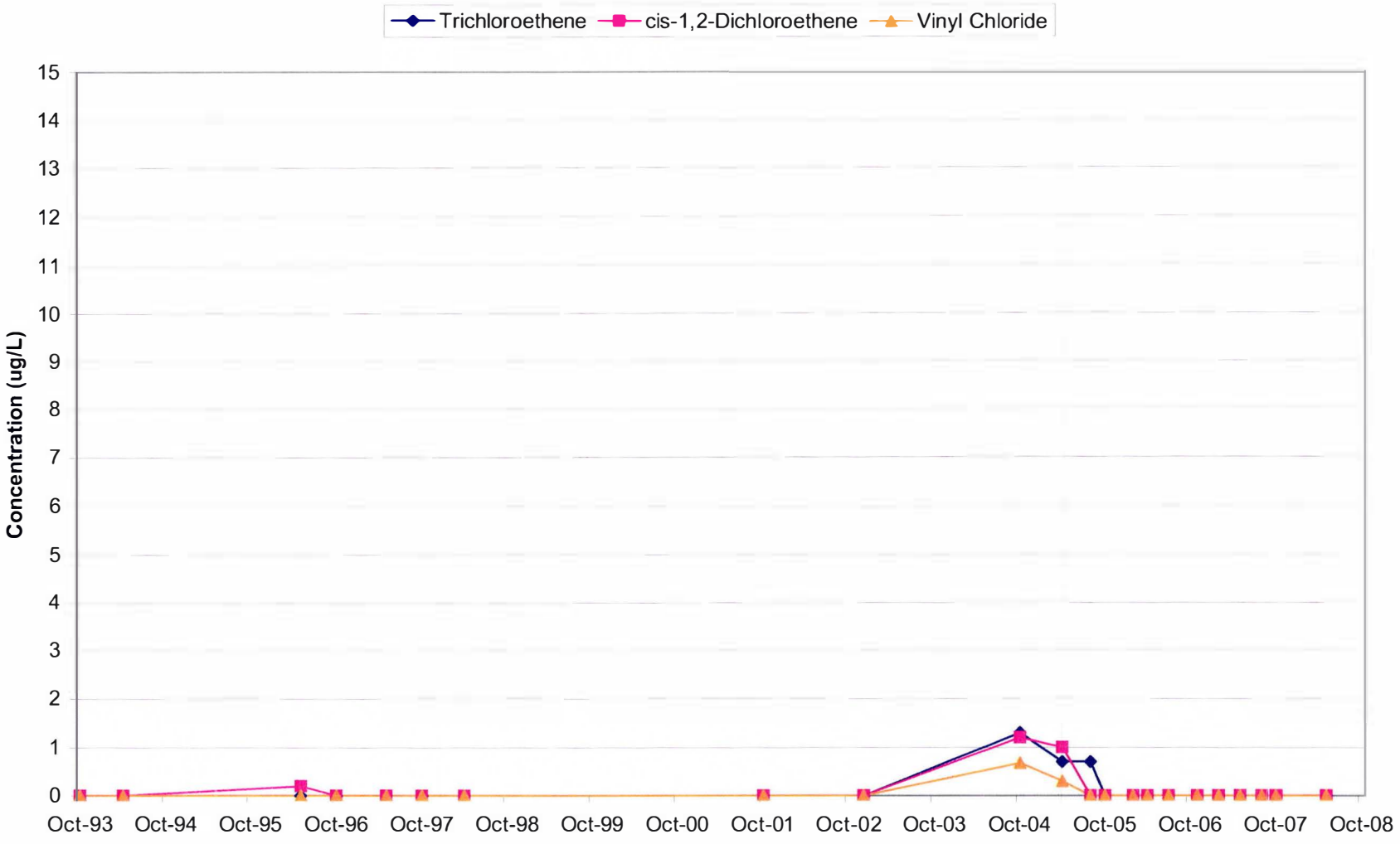

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Chart 34: MW-111
Layer 1 Well

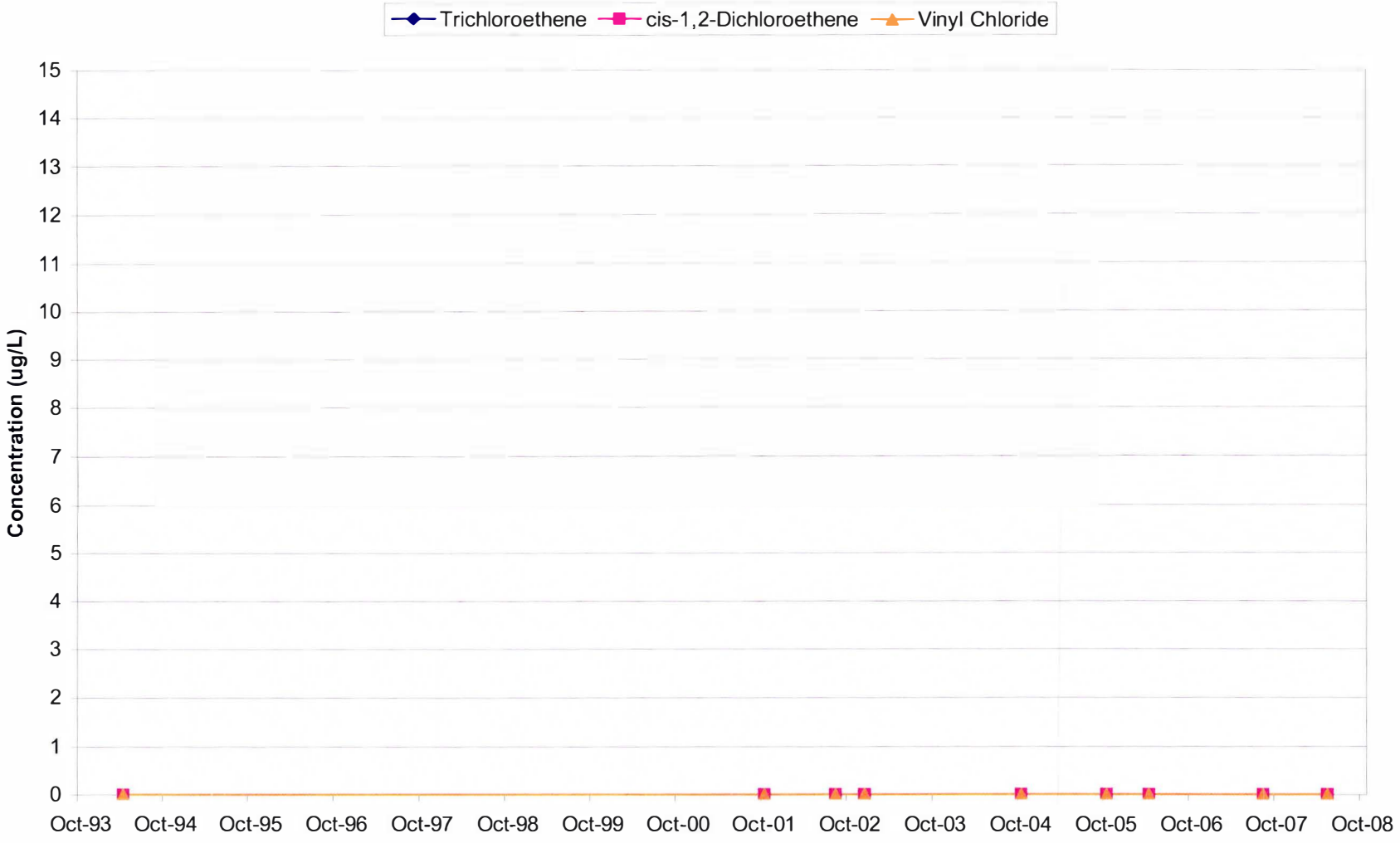

Chart 35: MW-112
Layer 1 Well

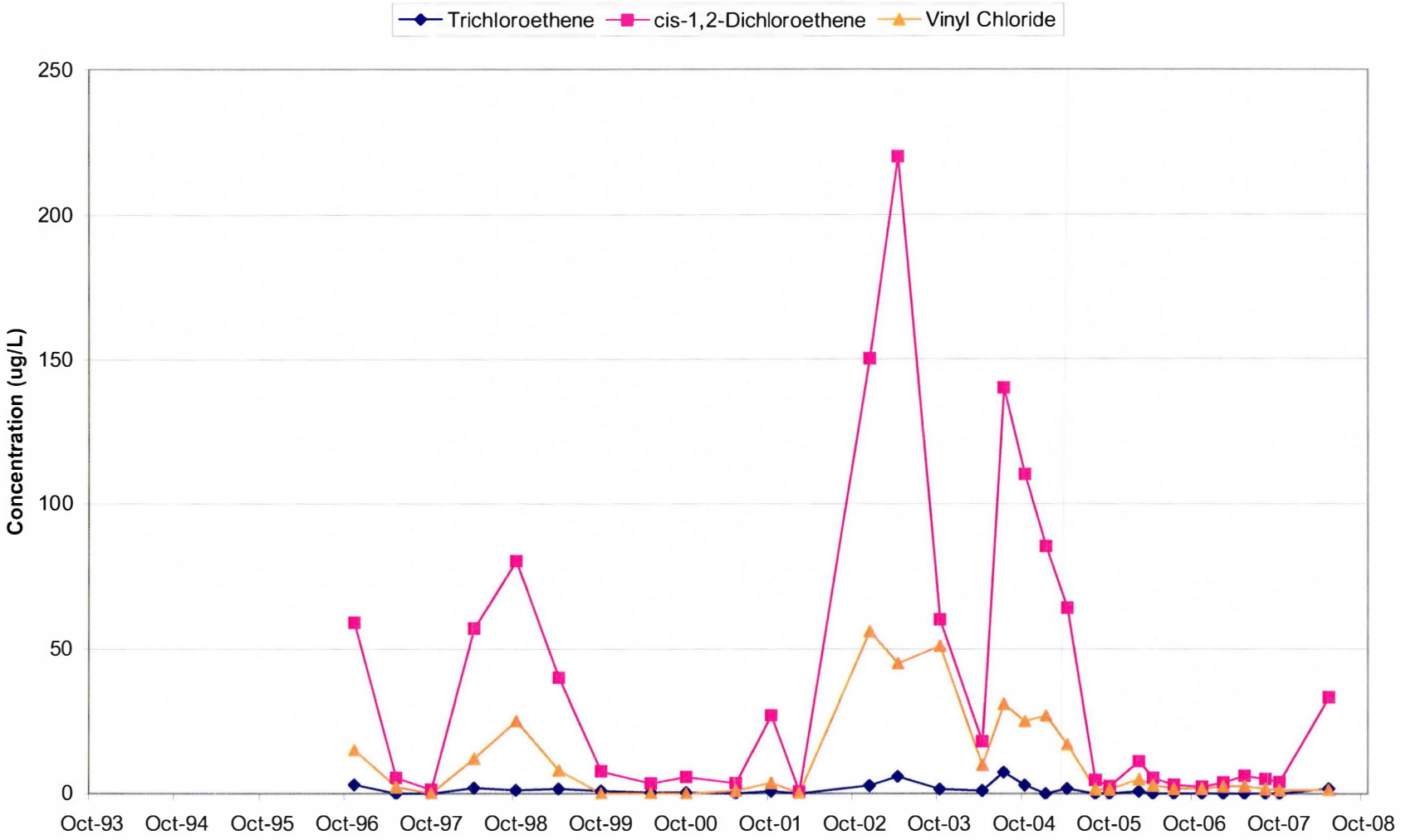

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Chart 36: P-101
Layer 2 Well

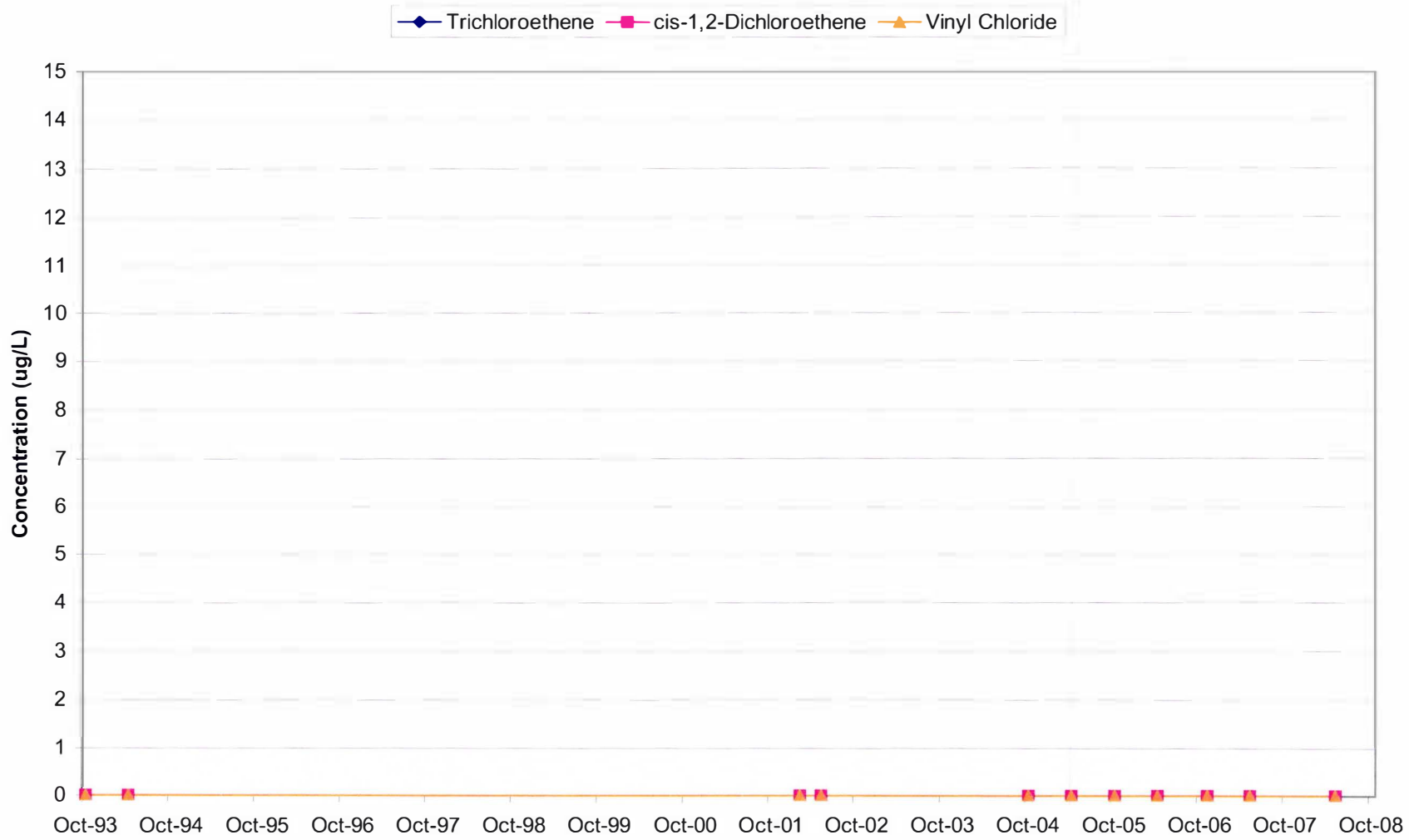

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Chart 37: P-102
Layer 2 Well

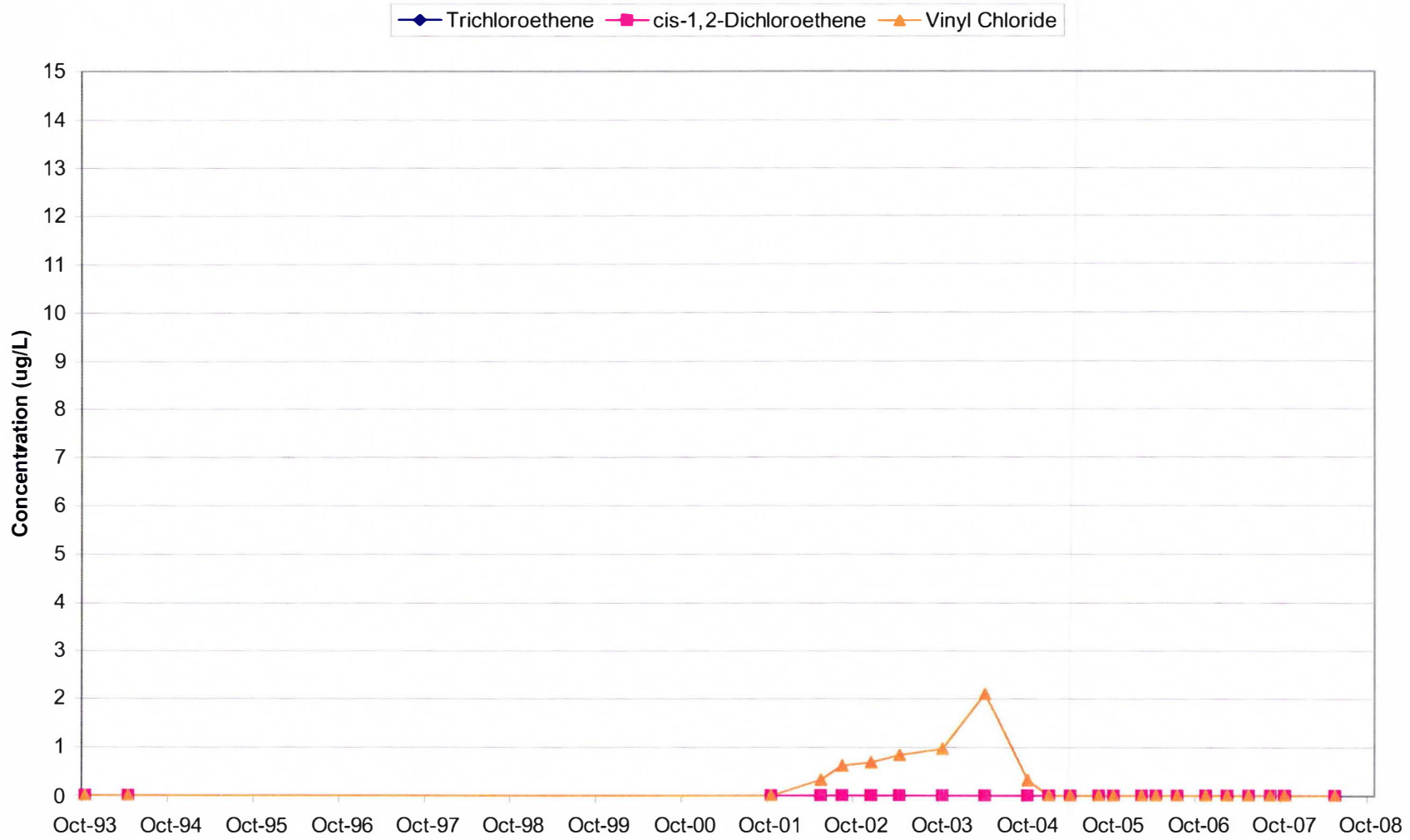

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Chart 38: P-103
Layer 2 Well

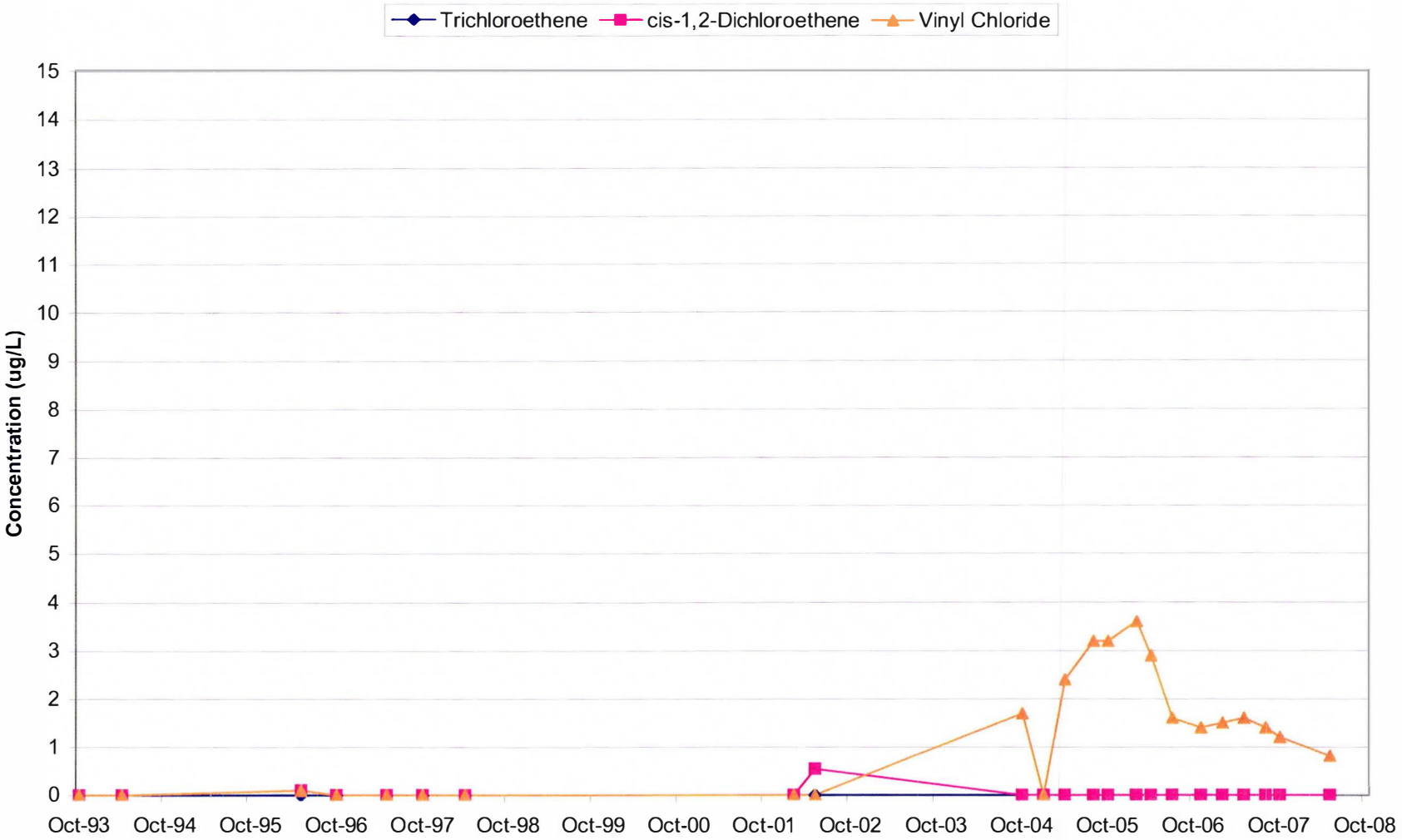

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Chart 39: P-104
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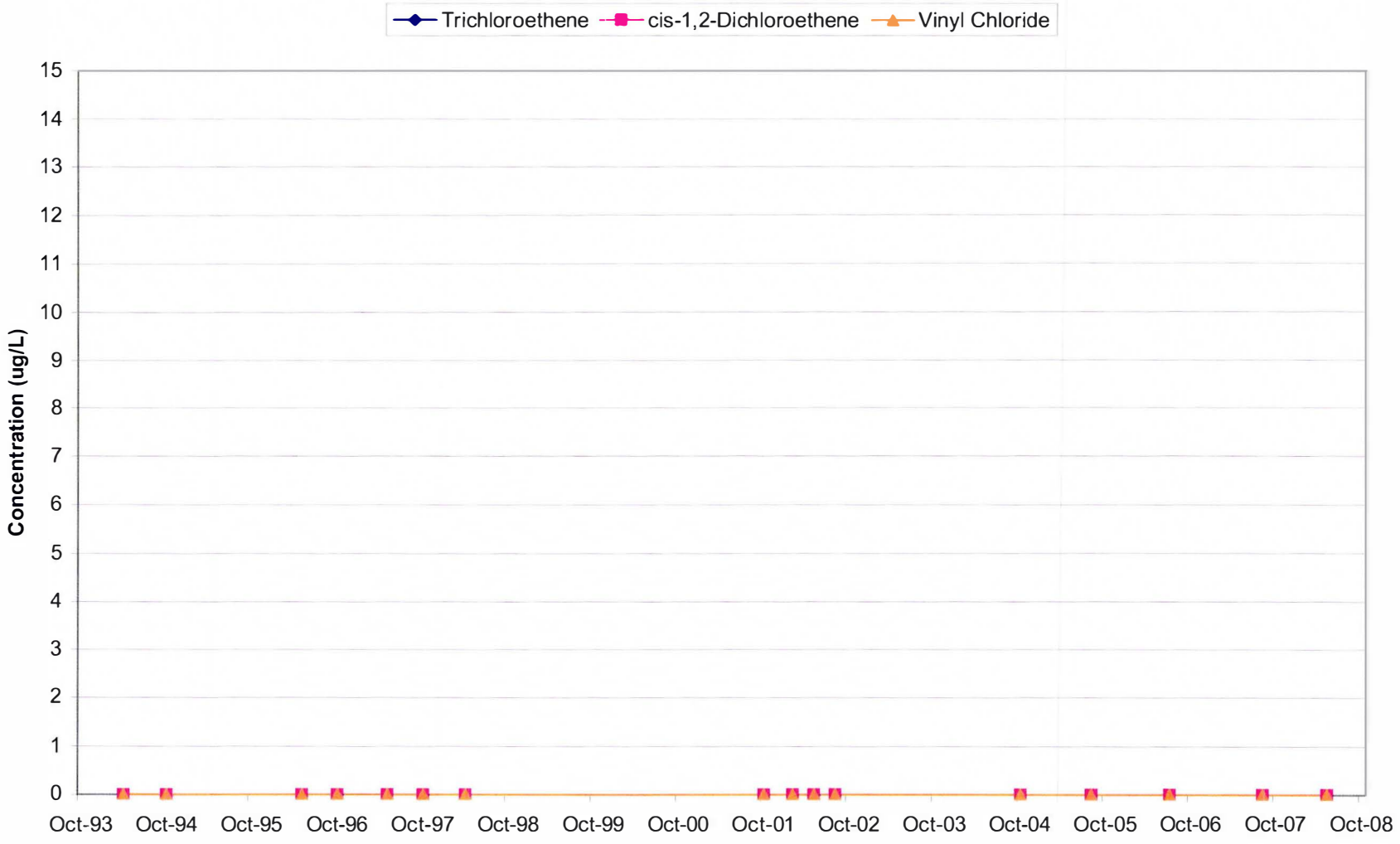

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Chart 40: P-106
Layer 2 Well

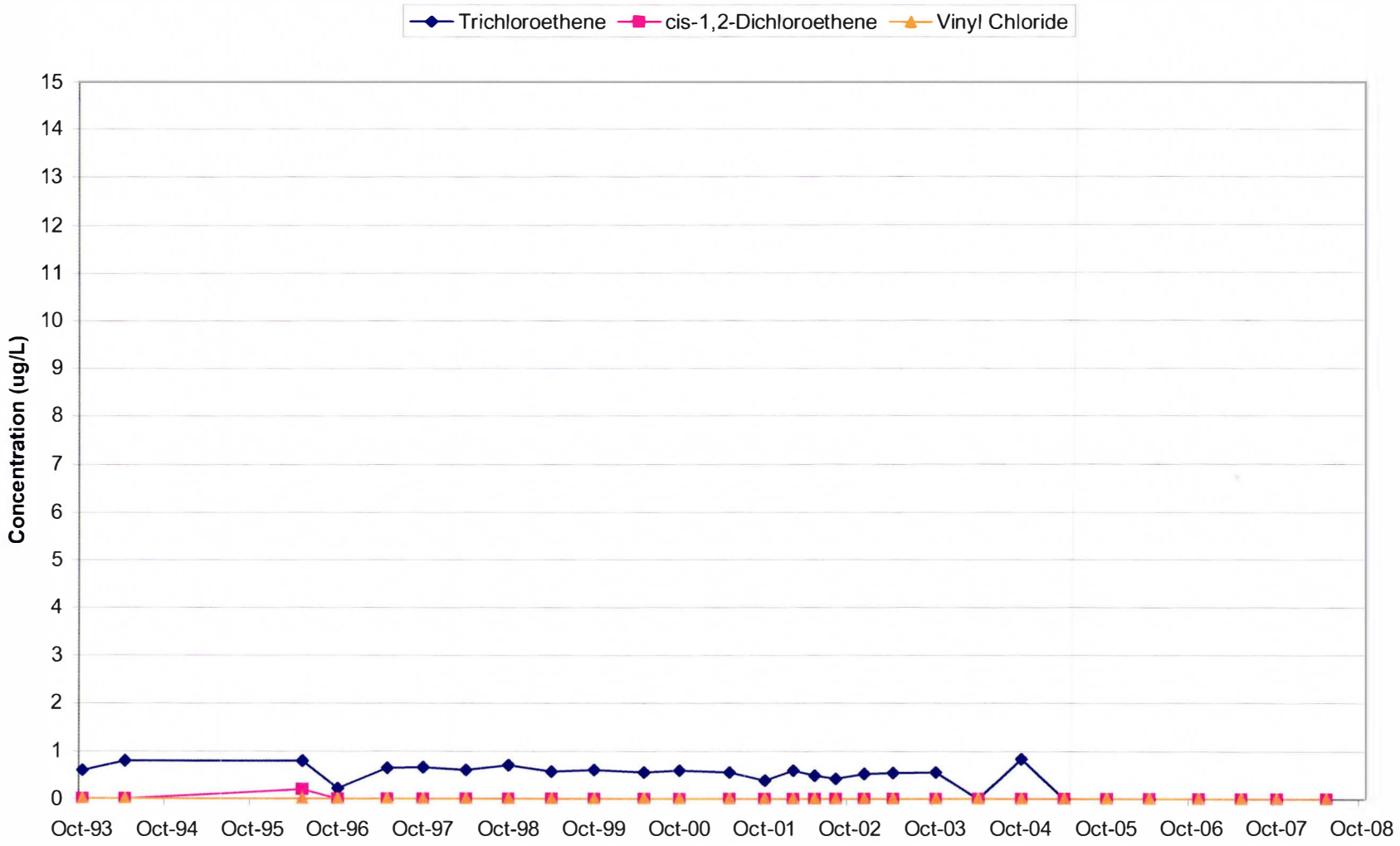

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Chart 41: P-107
Layer 2 Well

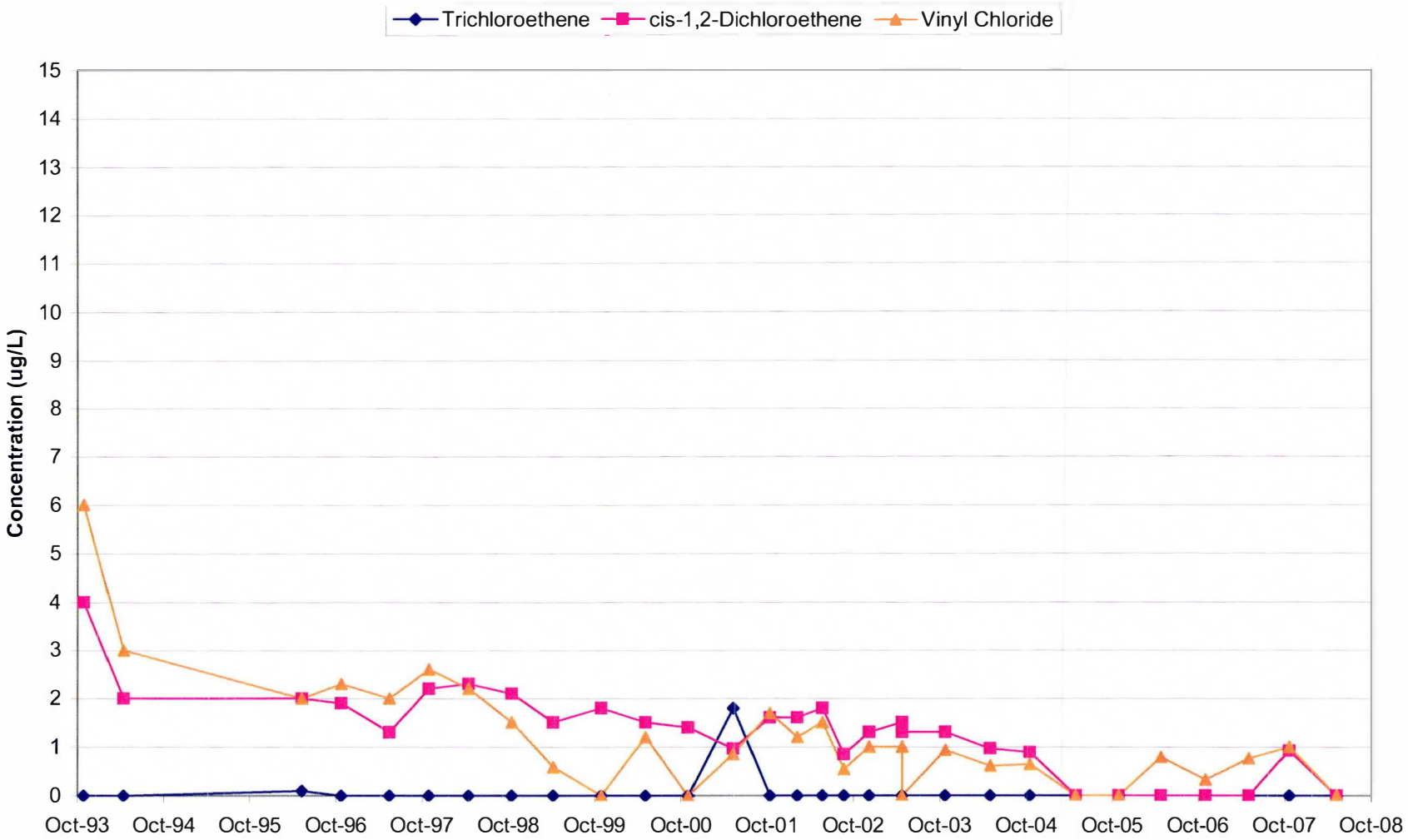

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Chart 42: P-108
Layer 2 Well

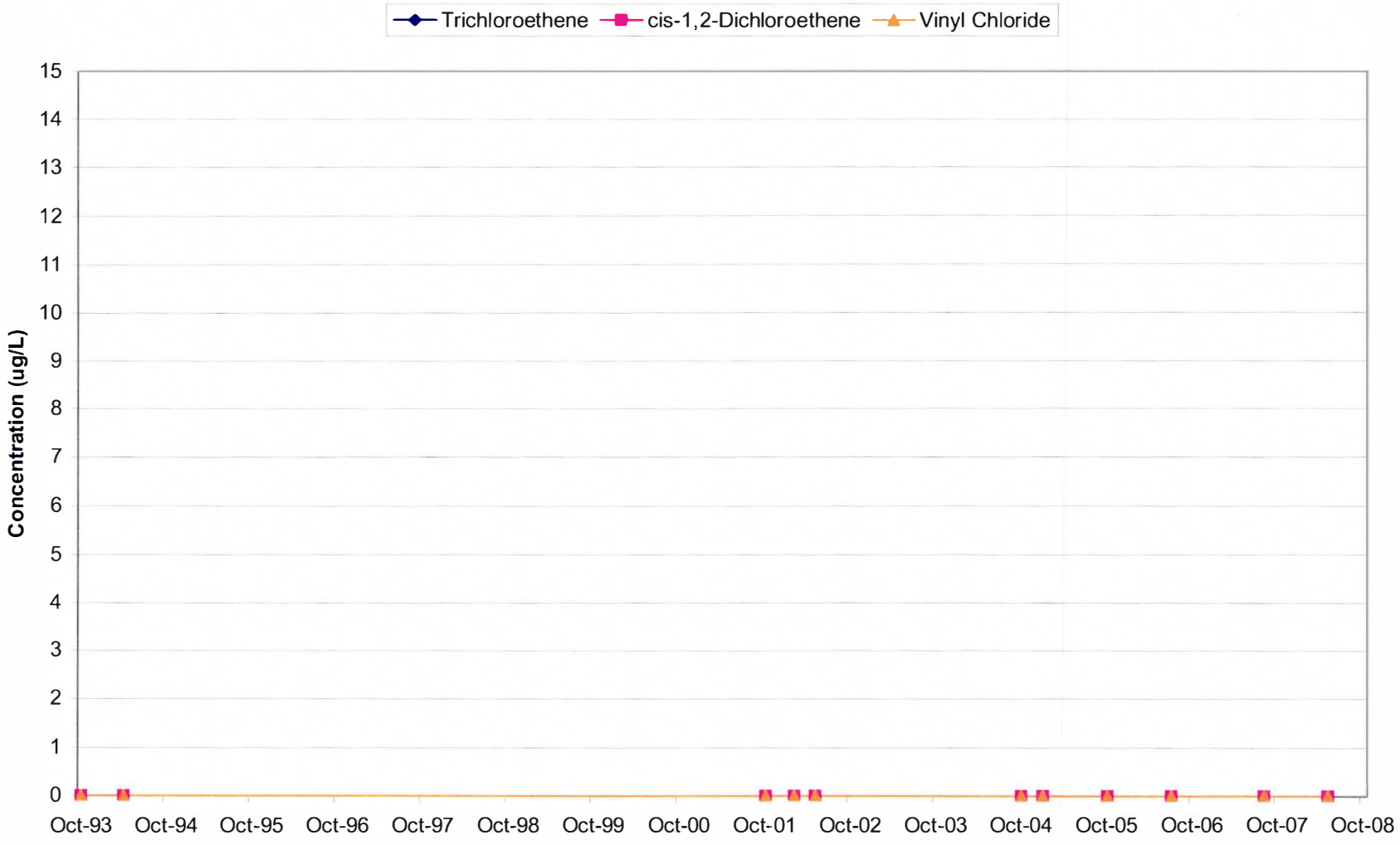

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Chart 43: P-111
Layer 2 Well

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Chart 44: P-103D
Layer 3 Well

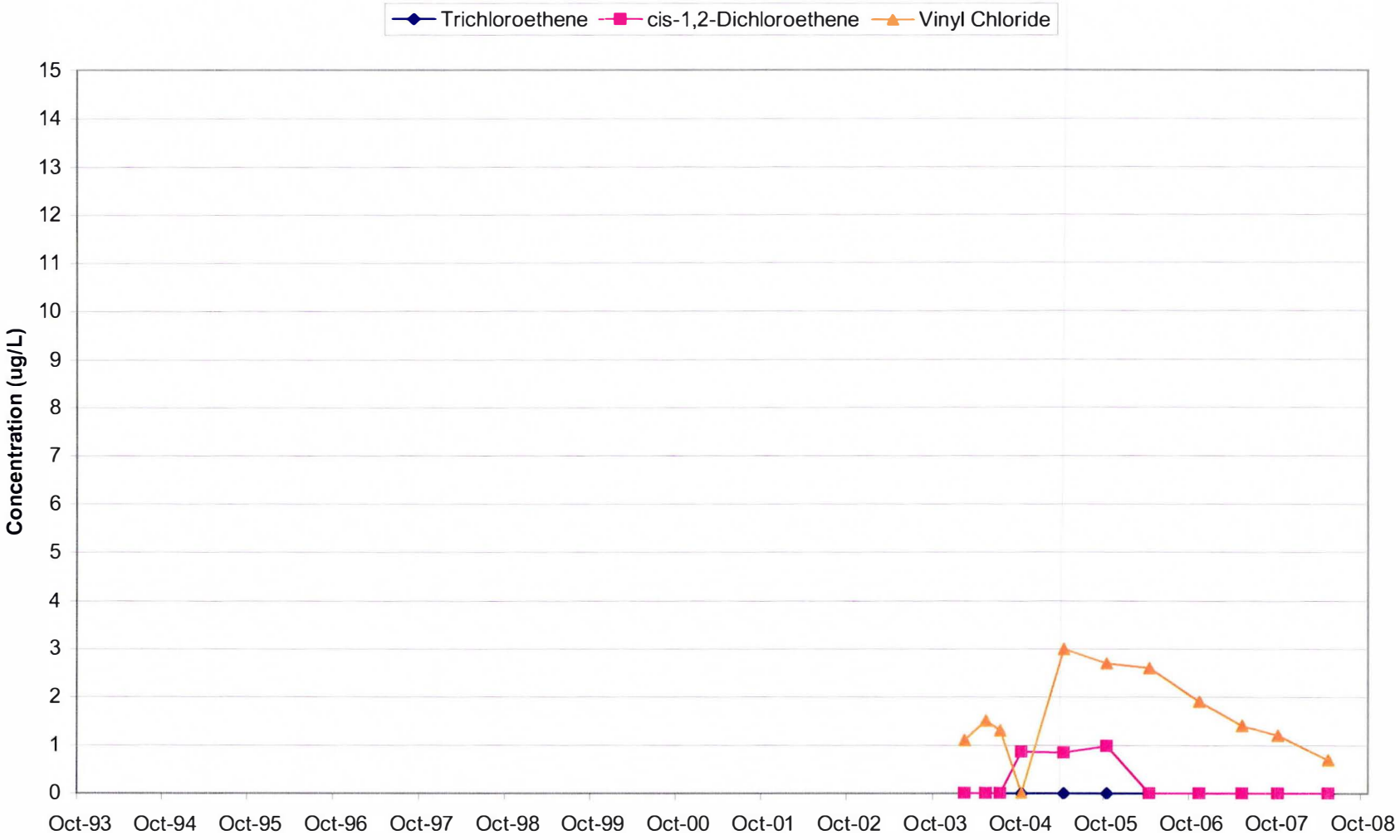

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Chart 45: P-111D
Layer 3 Well

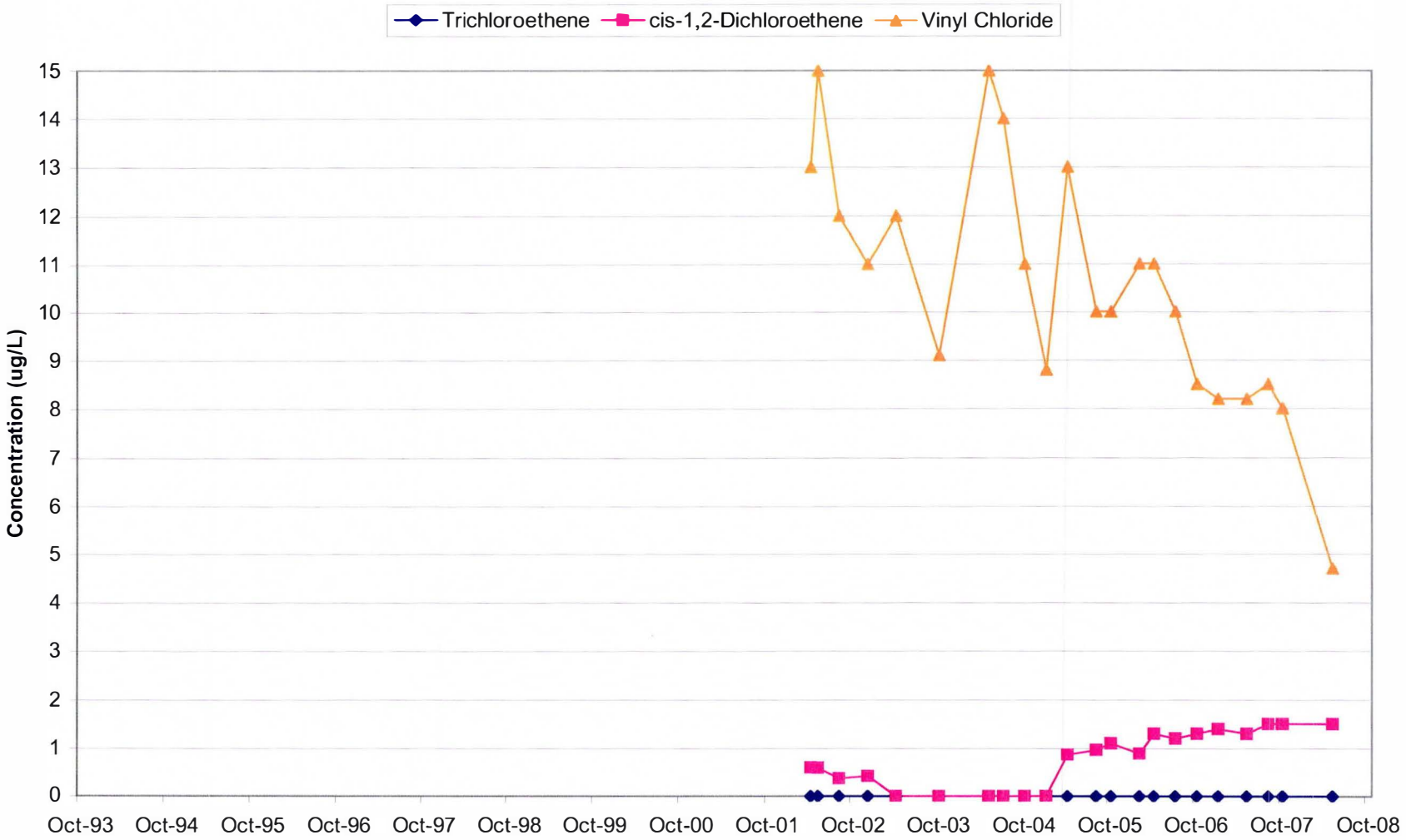

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Chart 46: MW-3B
Layer 3 Well

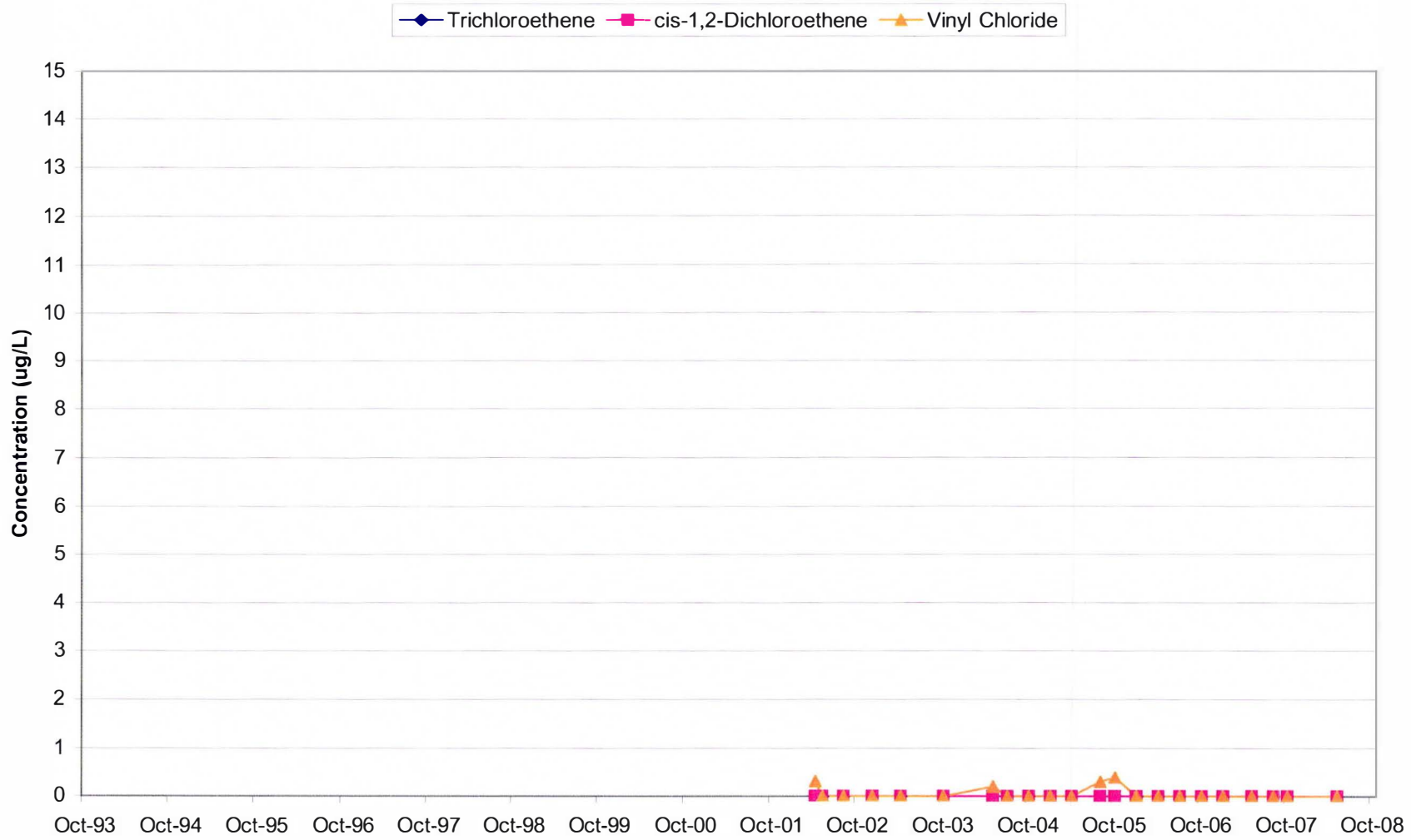

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Chart 47: P-113B
Layer 3 Well

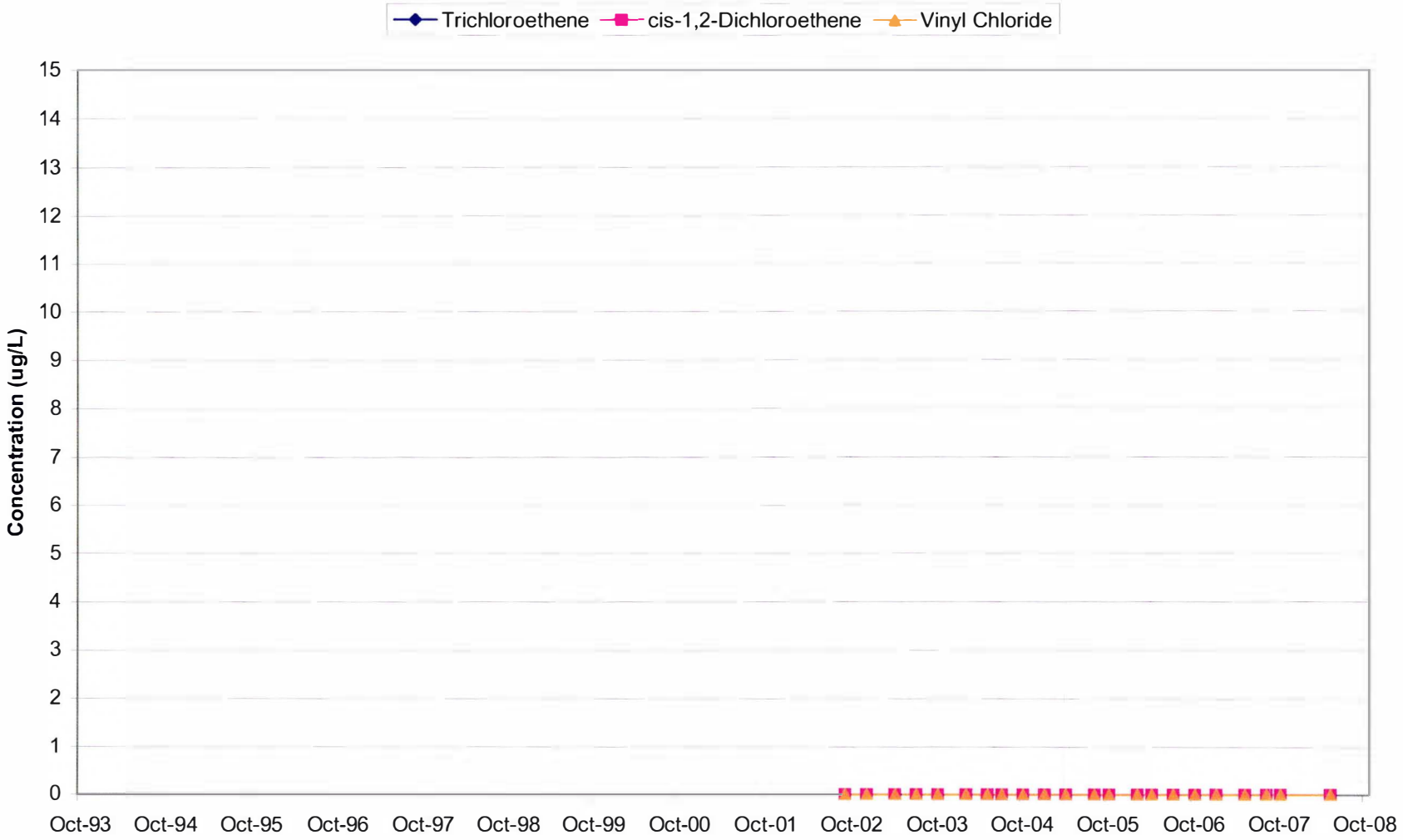

Chart 48: P-114
Layer 3 Well

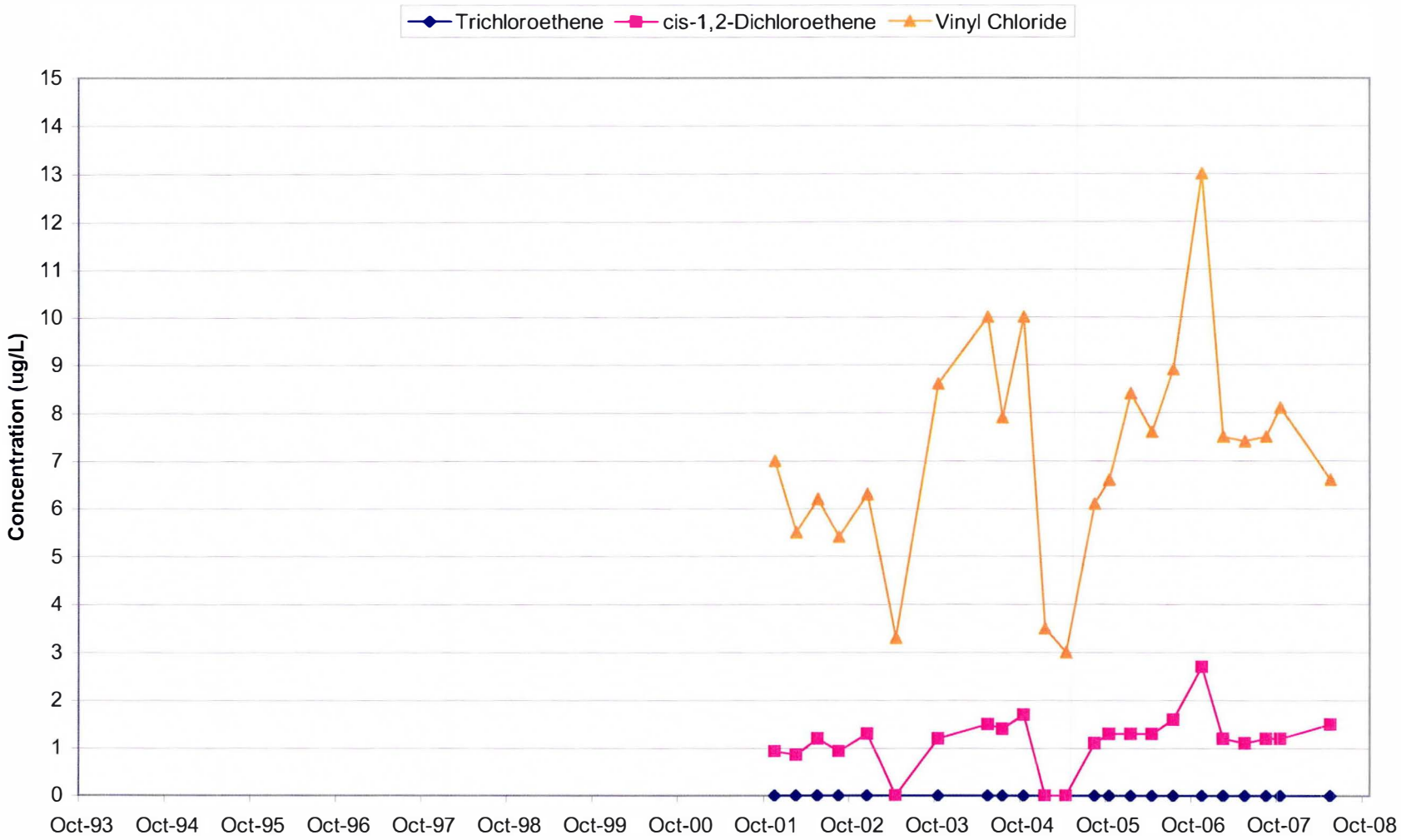

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Chart 49: P-115
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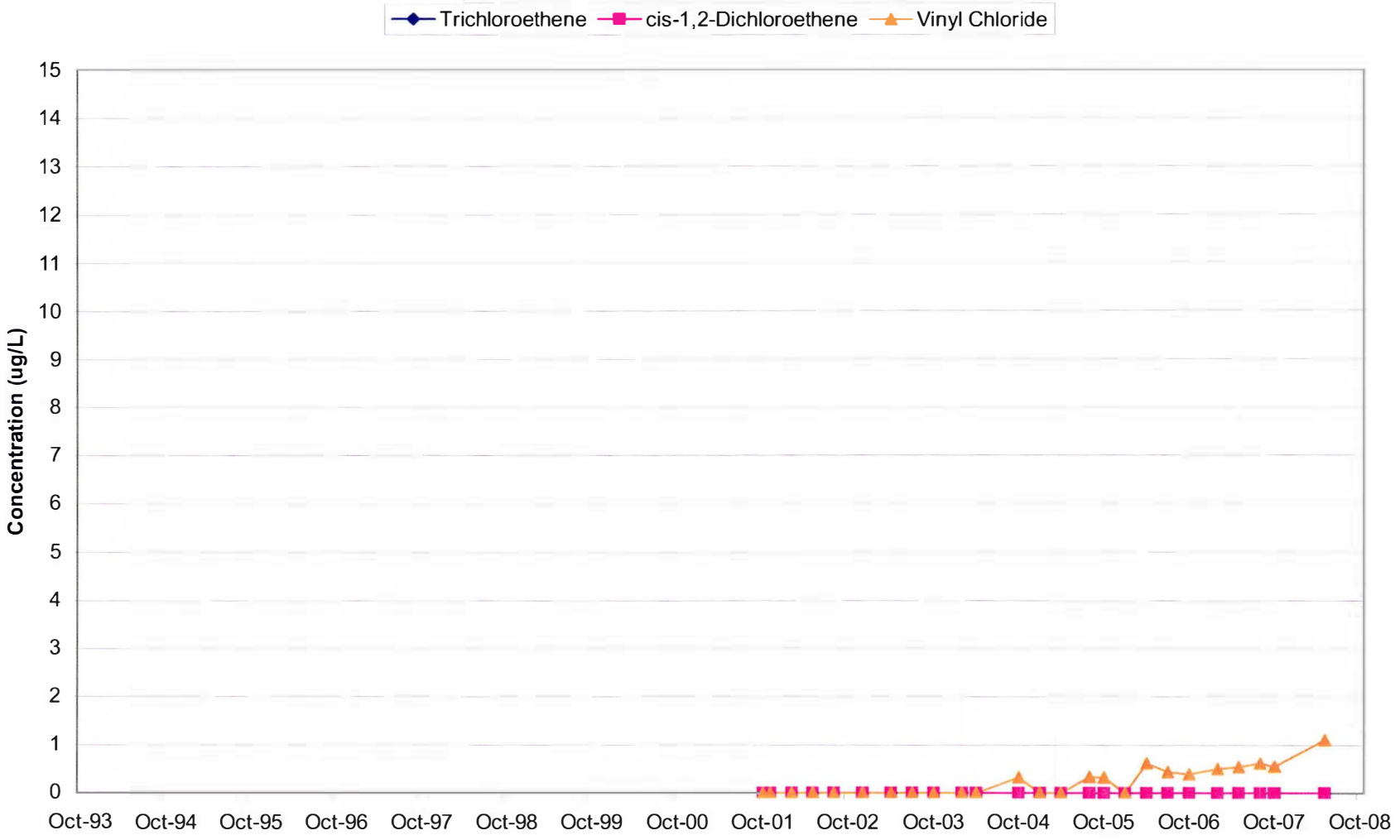

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Chart 50: P-116
Layer 3 Well

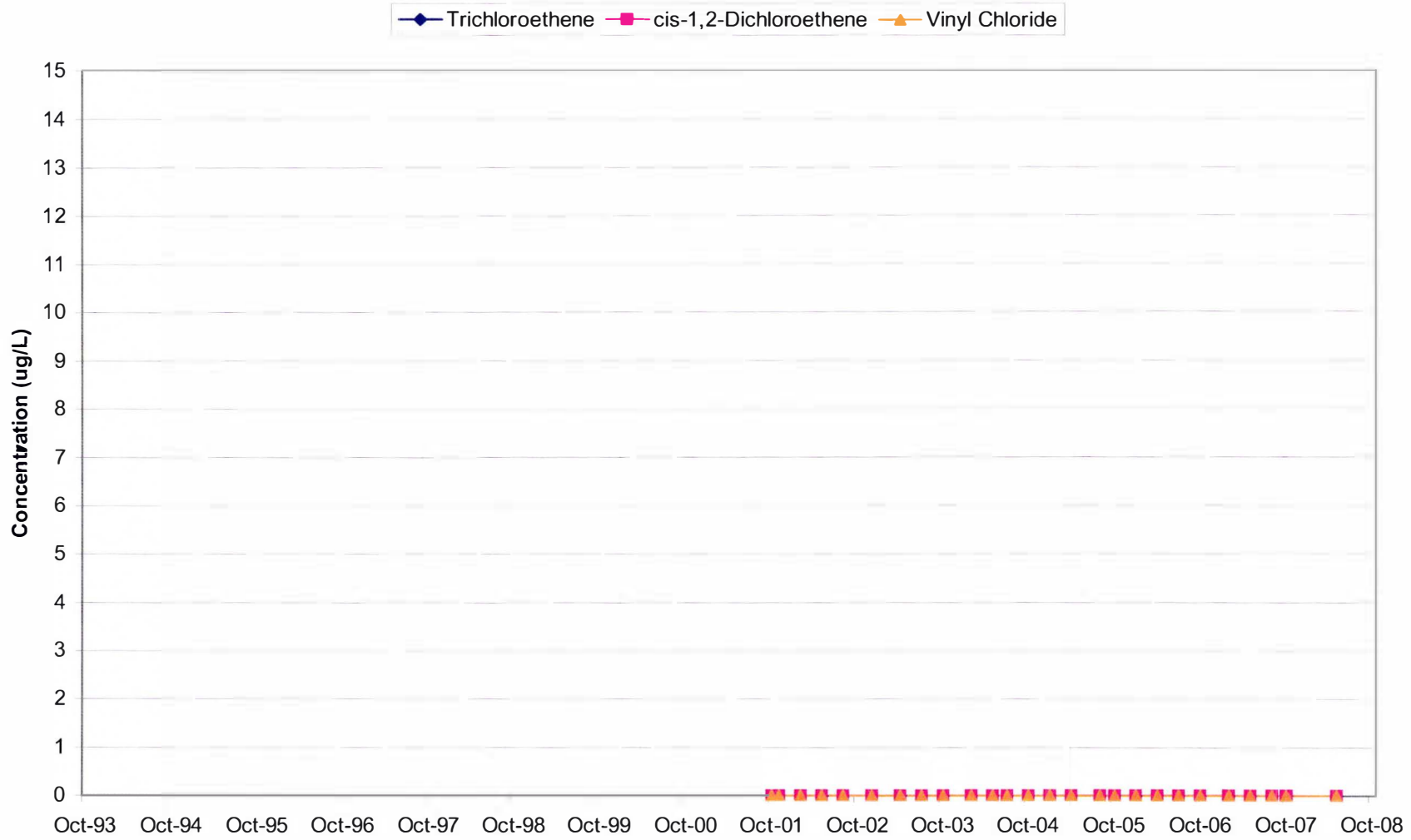

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Chart 51: MW-3A
Layer 4 Well

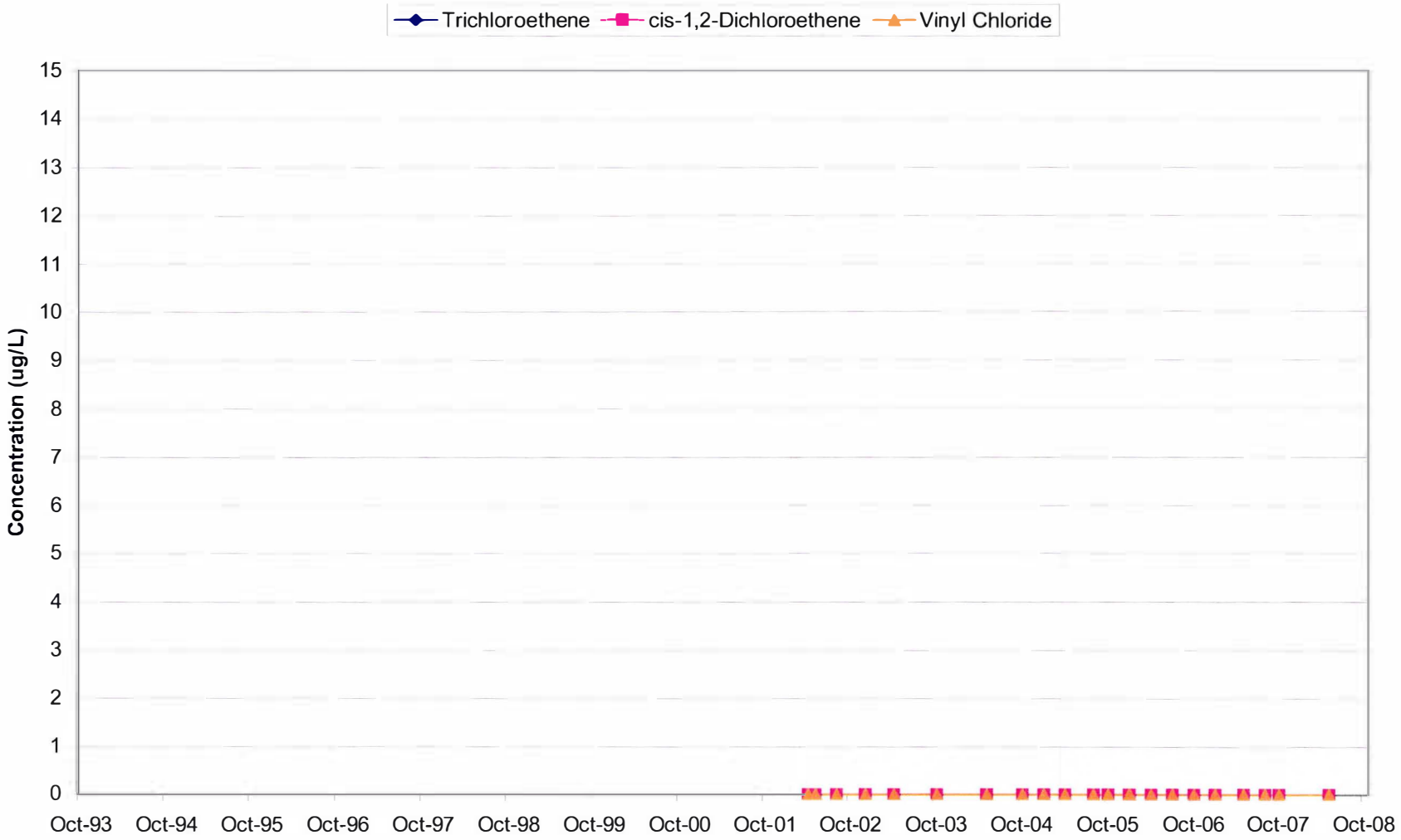

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Chart 52: P-107D
Layer 4 Well

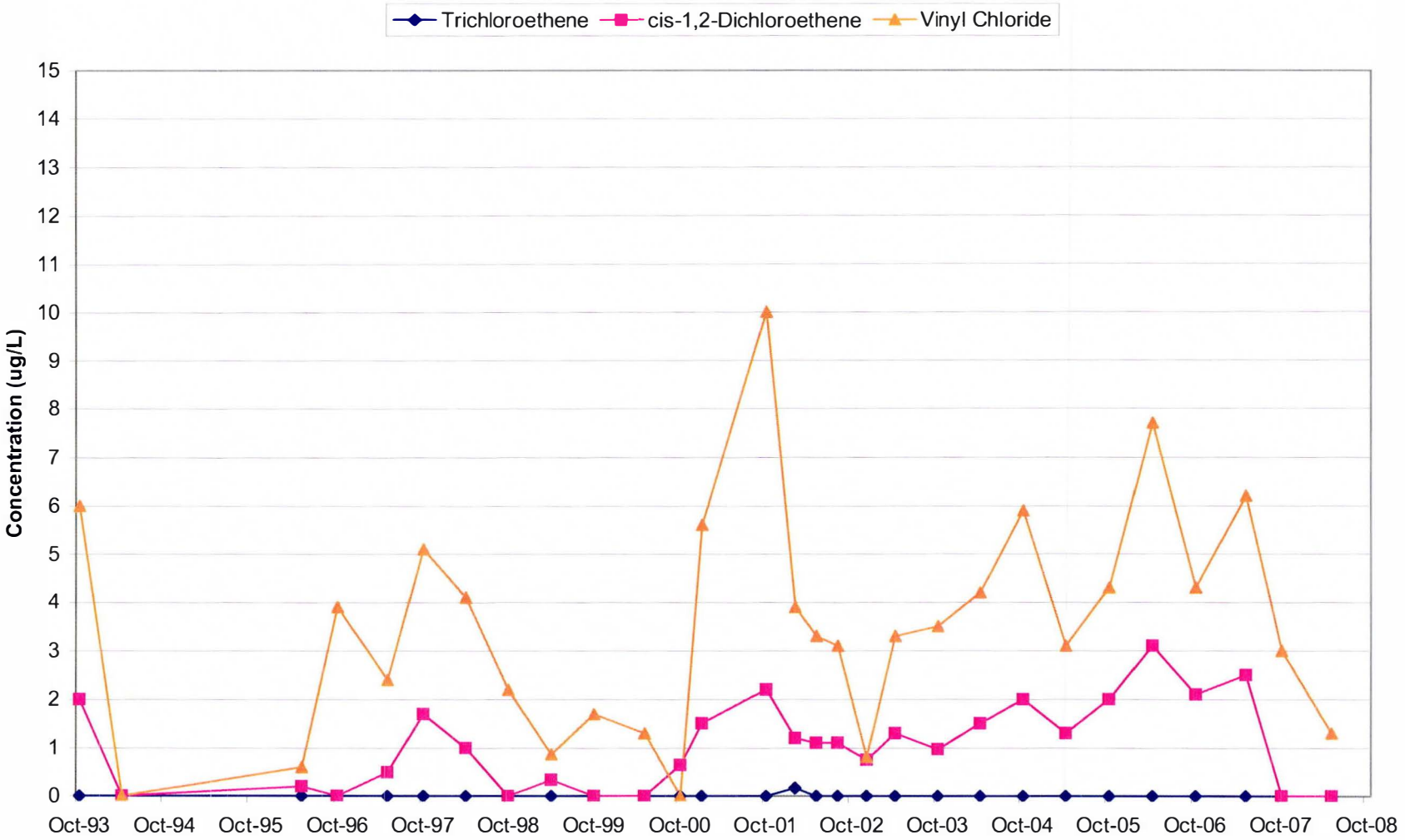

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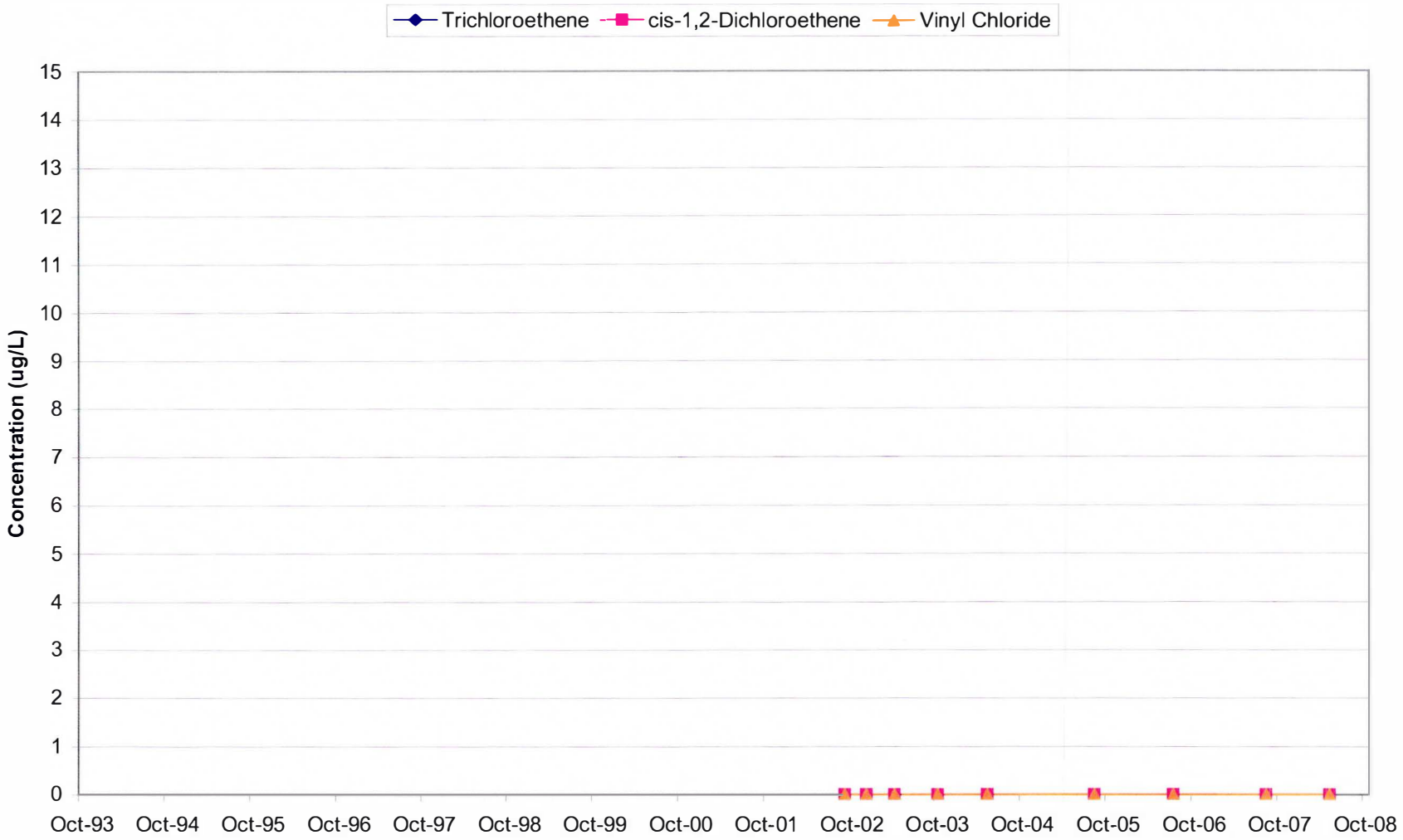
Chart 53: P-113A
Layer 4 Well



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TABLES

Table 1 - Groundwater Elevations
FF/NN Landfill
Ripon, WI

Well Name	TOC Elevation	Jan-93	Oct-93	Apr-94	Oct-96	May-97	Oct-97	Apr-98	Oct-98	Oct-99	May-00	
MW-101	884.80	826.56	824.20	824.04	823.41	824.34				822.08	823.17	
P-101	885.26	826.52	824.24	824.02	823.38	824.33	823.00	820.24	822.04	823.16	822.73	
MW-102	843.05	826.83	825.35	824.29	823.57	824.67	823.26			823.52	823.17	
P-102	842.99	826.89	824.40	824.35	823.64	824.75	823.38	820.77	822.47	823.63	823.25	
MW-103	872.42	823.08	821.77	819.49	820.56			819.22				
P-103	872.92	826.29	826.88	823.88	817.43	824.16	822.89	820.25	821.96	823.11	822.70	
P-103D	873.08	(Installed December 2003)										
MW-104	875.15	826.32	824.12	824.02	823.14	824.13		820.13	823.87			
P-104	875.48	826.47	824.25	824.12	823.26	824.24	822.92	820.25	822.06	823.18	822.70	
MW-106	878.90	826.67	824.21	824.24	820.96	824.61	823.23		822.42	823.45	823.10	
P-106	878.91	826.63	824.09	824.07	823.42	824.51	823.16	820.40	822.33	823.38	823.02	
MW-107	871.78	821.02	820.52	818.76	819.17	819.22		817.04	818.70	819.68		
P-107	871.38	820.86	820.37	818.78	819.07	819.24	818.38	817.14	818.72	819.71	818.62	
P-107D	871.98			819.13	817.47	819.52	818.29	816.77	817.56	817.78	817.34	
MW-108	845.25		819.00	817.85	818.17	818.31				818.48	817.49	
P-108	845.61		822.03	821.09	821.29	821.52	820.55	818.77	820.25	821.18	820.25	
MW-111	856.46			817.58	817.93	818.10	817.29	816.29	817.33	818.30	817.28	
P-111	856.13			817.09	817.43	817.60	816.78	815.75	816.85	817.83	816.79	
P-111D	855.79	(Installed April 2002)										
MW-112	874.55				819.46	819.92	819.02		819.15	820.02	819.20	
P-11A	833.09	(Installed September 2002)										
P-11B	833.10	(Installed September 2002)										
P-114	839.35	(Private well converted to monitoring well in 2003)										
P-115	842.71	(Private well converted to monitoring well in 2004)										
P-116	845.34	(Private well converted to monitoring well in 2004)										
MW-A	850.77	(Water levels taken beginning February 2002)										
MW-B	851.04	(Water levels taken beginning February 2002)										
LC1	876.15				849.02	847.87	846.99	846.82	846.56		846.27	
LC2	866.05				847.25	842.91	841.20	840.61	838.31	839.29	839.17	
LC3	877.34					845.69					845.82	

Notes: Blank cells indicate that the water level was below top of pump; unable to measure.
Measurements are in Feet Above Mean Sea Level (msl)
">" indicates depth to top of pump (water level was beneath pump)
NT - Not taken, only measured deep wells
NM - Well not measured

Table 1 - Groundwater Elevations
FF/NN Landfill
Ripon, WI

Well Name	TOC Elevation	Oct-00	May-01	Oct-01	Feb02	May-02	Aug-02	Oct-02	Dec-02	Apr-03	Oct-03
MW-101	884.80		823.13	824.17	823.18	DRY	DRY	NT	DRY	DRY	821.24
P-101	885.26	822.66	823.06	824.16	823.19	800.47	814.42	NT	818.91	820.46	821.16
MW-102	843.05	823.19		824.38	823.53	818.93	DRY	NT	DRY	820.95	821.57
P-102	842.99		823.39	824.49	823.69	799.84	814.94	NT	819.47	821.08	821.66
MW-103	872.42			821.63	>51.32	819.28	819.34	NT	DRY	DRY	819.61
P-103	872.92	822.60	823.02	823.87	823.00	801.70	814.74	NT	819.01	820.52	821.12
P-10D	873.08										
MW-104	875.15			823.88	>51.28	DRY	DRY	NT	DRY	820.37	820.85
P-104	875.48	822.64	823.10	824.03	823.12	802.51	814.82	NT	819.05	820.50	821.43
MW-106	878.90	822.96	823.34	Dry	823.50	DRY	DRY	NT	DRY	DRY	821.58
P-106	878.91	822.89	823.26	824.25	823.39	800.31	814.52	NT	819.18	820.80	821.49
MW-107	871.78		819.36	820.12	>52.5	816.72	DRY	DRY	DRY	817.73	818.35
P-107	871.38	818.62	819.35	820.12	818.86	809.86	813.29	NT	816.65	817.74	818.39
P-10D	871.98	818.10	819.04	816.61	817.70	811.80	815.35	816.43	816.68	817.26	816.72
MW-108	845.25		818.32	818.62	>27.7	815.44	815.45	NT	815.79	816.20	816.68
P-108	845.61	820.45	820.97	822.08	820.66	811.84	815.19	NT	817.83	818.57	819.26
MW-111	856.46	817.32	818.15	818.74	817.51	813.43	813.59	NT	815.42	816.14	816.71
P-111	856.13	816.83	817.68	818.26	817.04	812.54	812.90	NT	814.90	815.68	816.27
P-111D	855.79					807.70	815.16	816.73	816.22	818.17	817.95
MW-112	874.55	819.21	819.87	820.52	822.87	814.38	814.47	NT	816.75	817.87	818.54
P-11A	833.09							816.09	816.39	816.93	816.20
P-11B	833.10							816.68	816.93	817.25	816.58
P-114	839.35									817.17	816.93
P-115	842.71										
P-116	845.34										
MW-A	850.77				817.24	810.74	815.18	816.11	815.99	816.63	815.67
MW-B	851.04				819.32	807.37	815.34	817.07	817.54	818.31	817.92
LC1	876.15		846.30	Dry	Dry	DRY	DRY	NT	DRY	DRY	NM
LC2	866.05	839.28	839.03	838.92	838.97	838.83	838.98	NT	838.75	839.17	NM
LC3	877.34		845.80	Dry	Dry	DRY	DRY	NT	DRY	DRY	NM

Table 1 - Groundwater Elevations
FF/NN Landfill
Ripon, WI

Well Name	TOC Elevation	Feb-04	Apr-04	Jul-04	Oct-04	Jan-05	Apr-05	Jul-05	Oct-05	Jan-06	Mar-06	
MW-101	884.80	NM	822.87	825.76	823.36	822.85	823.27	821.11	DRY	820.81	NM	
P-101	885.26	NM	822.86	825.76	823.35	822.84	823.26	821.07	820.23	820.75	NM	
MW-102	843.05	NM	823.34	826.08	823.71	823.34	823.66	821.70	820.65	821.33	NM	
P-102	842.99	NM	823.42	826.17	823.79	823.38	823.75	821.48	820.72	821.41	NM	
MW-103	872.42	NM	821.06	824.54	822.24	820.52	821.60	819.70	819.25	819.24	NM	
P-103	872.92	NM	822.77	825.58	823.23	822.78	823.14	821.09	820.26	820.92	NM	
P-103D	873.08	820.64	821.89	824.39	822.21	821.89	822.08	820.26	819.23	820.24	NM	
MW-104	875.15	NM	822.75	825.49	823.27	822.75	823.16	821.09	820.34	820.65	NM	
P-104	875.48	NM	822.82	825.61	823.36	822.82	823.21	821.20	820.40	820.79	NM	
MW-106	878.90	NM	823.25	826.07	823.60	823.20	823.61	821.42	DRY	821.24	NM	
P-106	878.91	NM	823.17	825.99	823.50	823.10	823.54	821.31	820.50	821.16	NM	
MW-107	871.78	NM	819.63	823.41	821.20	819.89	820.18	818.69	817.85	817.81	NM	
P-107	871.38	NM	819.71	823.34	821.20	820.91	820.20	818.72	817.84	817.80	NM	
P-107D	871.98	NM	818.68	819.78	817.72	817.65	818.77	815.90	814.85	816.33	816.45	
MW-108	845.25	NM	817.86	820.27	819.00	818.17	818.41	816.95	816.27	816.31	NM	
P-108	845.61	NM	820.52	823.39	821.94	820.84	821.05	819.76	819.13	819.04	NM	
MW-111	856.46	NM	818.03	821.40	819.60	817.39	818.69	817.32	816.51	816.31	NM	
P-111	856.13	NM	817.59	821.01	819.16	816.92	818.19	816.82	816.03	815.84	NM	
P-111D	855.79	NM	819.55	821.82	819.77	819.55	819.55	818.11	817.37	818.40	NM	
MW-112	874.55	NM	819.89	823.17	821.14	820.15	820.50	818.82	818.14	818.31	NM	
P-11A	833.09	NM	817.91	818.17	817.32	817.28	818.35	815.50	814.36	816.40	816.04	
P-11B	833.10	816.61	818.30	820.16	818.25	818.13	818.36	816.74	815.47	816.90	NM	
P-114	839.35	NM	818.55	820.44	818.71	818.50	818.76	817.02	816.34	817.28	NM	
P-115	842.71	NM	818.61	820.51	818.71	818.55	818.62	817.05	816.05	817.44	NM	
P-116	845.34	NM	817.54	819.31	817.80	817.47	817.74	816.45	815.48	816.02	NM	
MW-A	850.77	NM	818.03	819.73	817.00	817.15	816.84	816.05	814.87	817.98	815.81	
MW-B	851.04	NM	819.79	822.01	819.66	819.60	819.45	818.44	817.28	819.15	NM	
LC1	876.15	NM	846.45	NM	DRY	DRY	846.39	DRY	NM	NM	NM	
LC2	866.05	NM	839.27	NM	838.89	DRY	839.05	838.89	838.91	839.01	NM	
LC3	877.34	NM	DRY	NM	DRY	DRY	DRY	DRY	NM	NM	NM	

Table 1 - Groundwater Elevations
FF/NN Landfill
Ripon, WI

Well Name	TOC Elevation	Apr-06	Jul-06	Oct-06	Jan-07	May-07	Aug-07	Oct-07	Jan-08	May-08	
MW-101	884.80	821.41	821.29	820.71	821.43	822.37	822.22	822.74	822.47	824.5	
P-101	885.26	821.37	821.22	820.69	821.34	822.32	822.18	822.68	822.43	824.49	
MW-102	843.05	821.91	821.75	821.15	821.73	822.85	822.55	822.95	822.95	824.9	
P-102	842.99	822.06	821.80	821.25	821.82	822.90	822.63	823.01	823.03	824.95	
MW-103	872.42	819.36	819.82	818.82	819.47	820.39	820.45	820.78	820.46	822.13	
P-103	872.92	821.42	821.33	820.70	821.39	822.31	822.17	822.63	822.86	824.39	
P-103D	873.08	820.54	820.43	819.88	820.52	821.56	821.495	822.015	821.935	823.885	
MW-104	875.15	821.35	821.16	820.61	821.11	822.17	822.06	822.56	822.25	824.26	
P-104	875.48	821.45	821.33	820.76	821.29	822.29	822.27	822.75	822.44	824.45	
MW-106	878.90	821.85	821.77	821.10	821.78	822.78	822.51	822.76	822.84	824.77	
P-106	878.91	821.72	821.67	820.99	821.62	822.71	822.44	822.7	822.75	824.7	
MW-107	871.78	818.03	DRY	817.90	818.29	818.87	818.97	819.12	818.88	820.34	
P-107	871.38	818.19	818.59	817.89	818.23	818.88	819.01	819.08	818.91	820.27	
P-107D	871.98	816.89	816.83	816.24	817.05	818.27	818.79	819.93	820.32	822.9	
MW-108	845.25	816.70	816.88	816.39	816.64	817.39	817.96	817.99	817.5	819.15	
P-108	845.61	819.40	819.65	819.41	819.40	820.14	821.45	821.33	820.44	822.15	
MW-111	856.46	816.74	817.14	816.58	816.72	817.40	817.44	817.51	NT	818.85	
P-111	856.13	816.24	816.74	816.09	816.23	816.92	816.95	817.01	816.85	818.4	
P-111D	855.79	818.62	818.54	818.26	818.48	819.84	819.44	819.92	820.14	822.09	
MW-112	874.55	818.66	818.88	818.20	818.52	819.24	819.39	819.73	819.41	820.97	
P-11A	833.09	816.39	816.54	815.81	817.29	817.78	818.13	819.42	819.91	822.4	
P-11B	833.10	817.01	817.57	816.81	816.70	818.11	818.26	819.09	819.35	821.36	
P-114	839.35	817.38	817.36	816.86	817.36	818.48	818.14	818.61	819	820.91	
P-115	842.71	817.56	817.50	817.12	817.62	818.72	818.375	818.815	819.185	821.095	
P-116	845.34	816.48	816.34	816.00	816.38	817.47	816.905	817.475	817.755	819.425	
MW-A	850.77	816.29	817.51	816.34	817.49	817.68	819.68	820.7	821.15	823.53	
MW-B	851.04	818.86	819.18	818.27	818.88	819.62	820.24	820.88	821.08	823.09	
LC1	876.15	843.40	847.60	847.66	NM	846.41	NM	876.15	NM	845.89	
LC2	866.05	839.47	839.52	838.45	NM	838.63	NM	866.05	NM	837.81	
LC3	877.34	845.89	845.87	844.68	NM	846.12	NM	877.34	NM	845.28	

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																												
Sampling Point	Collection Date	Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethene	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-3A	04/04/2002	NR			NA																										
	05/22/2002	NR			NA																										
	08/20/02	NR																													
	12/05/02	NR																													
	04/22/03																														
	10/22/03																														
	05/11/04																														
	10/14/04																														
	01/27/05																														
	04/26/2005																														
	08/02/05																														
	10/26/05																														
	01/31/2006																														
	04/24/06																														
	07/27/06									0.35 Q																					
	10/31/06																														
	01/31/07																														
	5/1/07																														
	8/8/07																														
	10/19/07																														
	5/6/08																														
MW-3B	04/04/2002	NR			NA																				0.38						**0.31**	
	05/22/2002	NR			NA																			NA							
	8/20/02	NR																						NA							
	12/5/02	NR																													
	4/22/03																														
	10/22/03																														
	5/11/2004																													**0.2 Q**	
	07/22/2004																														
	10/14/04																														
	1/27/05																														
	4/26/2005																														
	8/2/05																													**0.30 Q**	
	10/26/05																													**0.39 Q**	
	01/31/2006																														
	4/24/06																														
	7/27/06									0.45 Q																					
	10/31/06																														
	1/31/07																														
	5/1/07																														
	8/8/07																														
	10/19/2007																														
	5/6/08																														

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																														
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-101	10/1/1993	NR																					0.7 J									
	04/1/1994	NR																					0.6J									
	05/01/1996	NR																					0.6J									
	10/01/1996	NR								0.89 J													0.72 J									
	05/01/1997	NR																														
	10/01/1997	NR																					0.7									
	04/98*	NR																														
	10/01/1998	NR																														
	04/01/1999	NR																														
	10/01/1999	NR																					0.7									
	05/01/2000	NR																					0.32									
	10/01/2000	NR																					0.38									
	05/01/2002	NR																					0.28									
	10/11/2001	NR																														
	02/05/2002	NR			NA							0.19											0.32	NA			0.16					
	05/21/02 *		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/19/02 *		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/02 *		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/03 *		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/23/03																															
	4/28/04																															
	10/13/04	11																														
	4/27/2005																															
	4/28/06	18																														
	11/1/2006*		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/1/07																															
	5/1/07	2.4																														
	5/6/08																															
P-101	10/01/1993	NR																														
	04/01/94	NR																							0.5J							
	020/5/02	NR			NA																			NA								
	05/22/2002	NR			NA																			NA								
	10/13/04																															
	4/27/2005																															
	10/25/05																															
	4/28/06																															
	11/1/06																															
	5/1/07																															
	5/6/08																															

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																														
Sampling Point	Collection Date	Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-102	10/26/1993	NR																														
	04/11/1994	NR																							3							
	05/08/1996	NR																							0.4J							
	10/30/1996	NR								0.99 J													0.30 J									
	05/12/1997	NR																														
	10/26/1997	NR																														
	04/13/1998	NR														0.46																
	10/11/2001	NR																														
	05/21/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/19/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/05/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/2004																															
	10/14/04																															
	4/27/2005																															
	10/25/05																															
	4/25/06																															
	11/1/06																															
	5/2/07																															
	4/30/08																															
P-102	10/26/1993	NR																														
	04/11/1994	NR																														
	10/11/2001	NR																														
	05/21/2002	NR			NA																			NA						0.33Q	
	08/20/2002	NR																						NA						0.62	
	12/04/2002	NR																													0.68	
	04/21/2003																				0.48 Q&										0.83	
	10/22/2003																														0.96	
	04/27/2004																														2.1	
	10/14/04									0.5 Q																					0.32	
	1/27/05																															
	4/27/2005																															
	8/3/05																															
	8/3/2005 dup																															
	10/25/05																															
	2/1/06																															
	4/27/06																															
	4/27/2006 dup																															
	7/27/06									0.66 Q																						
	11/1/06																															
	2/15/07																															
	5/2/07																															
	8/14/07																															
	10/16/07	2.9 Q																														
	5/6/08																															

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

Sampling Point	Collection Date	Parameters																														
		Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-103[2]	10/27/1993	NR														410															75	
	04/11/1994	NR														1100															440	
	04/01/94 Dup	NR														970															410	
	05/01/1996	NR					7J									740	9J										10J				170	
	05/01/96 Dup	NR					8J			9 J						840	10J										11J				180	
	10/01/1996	NR	3.3				8.1 J	1.9		1.1	0.76 J		0.99 J		0.30 J	520 E	5	1.9									4.7				98 E	
	05/01/1997	NR	4.3				8.5	2.7			0.98		1.2	0.52	0.75	790	4.7	1.6				0.27					5.6				230	
	10/01/1997	NR	4.2				7.9	2.4			1.4		0.89	0.38		550J	5.2	1.5				0.38		3.1			6.6				220J	
	04/98*	NR																														
	10/01/1998	NR	2				5.7									260	3.3										5.8				45	
	04/01/1999	NR	1.4				4.7									150	2.4										3.9				47	
	10/01/1999	NR					5.2									170	2.6										2.4				48	
	05/01/2000	NR	1.8				6.5									170	3.4										4.1				60	
	10/01/2000	NR	1.6				6.9	3.1			0.84		0.33			130	4.5	0.75									6.6				78	
	05/01/2001	NR	1.2				5.7	1.5			0.92					94	3.4	0.54			2.6L			1.1			4.5				46	
	10/11/01	NR	1.1		80		2.6	0.62			0.54					25	2.7				6.4L				0.8						15	
	2/4/02	NR	1.8		NA		6.4	1.1			0.81		0.36			71	5.5	0.53			0.28		0.13	NA	0.72		3.1				40	
	5/21/2002*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/19/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/05/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/03 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/21/03		0.8				1.3									58	1.9										1.7				21	
	04/28/2004		0.61 Q		26		0.53 Q									16											1.9				6.7	
	10/13/04	56	1.4				1.7			0.52						12	2.5								0.89		0.78				7.9	
	4/26/2005		1.2				2.8									1.9	3.0								0.71						1.8	
	4/25/06	31			8.0 Q		0.62 Q									5.2											0.48 Q				1.8	
	10/31/2006*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/1/07				6.1Q											10											0.82Q				0.34	
	5/2/07						1.7									14											1.7				0.75	
	10/18/07															26											2.8				2.2	
	5/5/08															15.7											3.4					

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																												
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-103	10/27/1993	NR																														
	04/12/1994	NR																														
	05/9/1996	NR														0.1J									0.1J						0.1J	
	10/31/1996	NR								0.84 J																						
	05/13/1997	NR																														
	10/27/1997	NR																														
	04/13/1998	NR																														
	2/4/02	NR			NA																			NA								
	05/21/2002	NR			NA											[0.54]								NA								
	10/13/04									0.52 Q																					1.7	
	1/26/05																															
	1/26/2005 dup																															
	4/26/2005																														2.4	
	8/3/05																														3.2	
	10/26/05																														3.2	
	02/01/2006																														3.6	
	4/25/06																														2.9	
	7/28/06									0.49 Q																					1.6	
	11/1/06																														1.4	
	2/1/07																														1.5	
	5/2/07																														1.6	
	8/14/07																														1.4	
	10/18/07																														1.2	
	5/5/08																														0.74	
	5/5/2008 Dup																														0.81	
P-103D	02/4/2004				NA																0.55Q			NA								
	05/11/2004																														1.5	
	05/11/04 dup																														1.5	
	07/23/2004																														1.3	
	07/23/04 dup																														1.5	
	10/13/04									0.43 Q						0.86 Q																
	04/26/2005															0.84 Q															3.0	
	10/26/05															0.98 Q															2.7	
	10/26/2005 dup															0.95 Q															2.8	
	4/25/06																														2.6	
	11/1/06																														1.9	
	5/2/07																														1.4	
	10/18/07																														1.2	
	5/5/08																														0.69	
	5/5/2008 Dup																														0.66	

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																														
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-104	10/27/93	NR	2				2				2					1 JB									31							
	4/19/94	NR	1				1				1					10											0.8J				6.0	
	05/9/1996	NR	6				5	1		0.3 J			0.2 J			6	0.3 J		0.1J						0.2 J		0.5J				10	
	10/30/1996	NR	0.64 J				1.1	0.34 J		0.46 J						3.6	0.22 J		0.80 J								0.31 J				4.3	0.77 J
	05/12/1997	NR	4.8				4.5	1.5			0.91					1.1						0.32									4.5	
	10/27/1997	NR	0.63				1.3				0.85					7.3															18	
	04/13/1998	NR	1.2													74	0.67								0.46		3.5				17	
	10/13/1998	NR	1.7								0.76					3.3															15	4.1
	04/07/1999	NR	3.2				1.4									6.6											0.71				6.1	
	10/27/1999	NR	3.5				5.4				0.92					4.5															2.8	
	05/2/2000	NR	3				5.7				1.5					0.7									0.13						1.1	
	10/30/2000	NR	2				6.2				1.6					2.6									0.12		0.33				29	
	05/1/2001	NR	2.5				5.6				2	0.47				7				0.26	0.51L			0.81	0.13		0.66				8.6	
	10/11/2001	NR	3.1				9.5				2.3				0.85	2					0.39L				0.1				0.14		2.2	
	02/5/2002	NR	2.7		NA	0.16	8				2	0.19				5.1				0.23				NA	0.17		0.73				13	
	05/21/02*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/19/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/05/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2003 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/22/2003		1.8		6.9Q		3.1									4.6															6.5	
	10/23/03	3.2	4				7.8				1.8					3.3															8.6	
	04/28/2004		2.4				6				2.2 Q					6.4															8.7	
	10/13/04		2.5				6.5				2.2 Q					10															20	
	4/27/2005		1.7				5.4				2.1 Q																				0.64	
	10/25/05		1.4				6.9				2.5 Q					3.9															13	
	4/25/06		1.4		4.6 Q		4.9				2.2 Q					1.0 Q															1.1	
	11/2/06		1.2 Q				4.8				1.7 Q																					
	11/2/2006 dup		1.3 Q				5																									
	5/2/07		0.8Q				4				2.0Q																					
	10/18/07		0.75 Q				6				2.0 Q																					
	5/6/08						3.3				1.8																					

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																														
Sampling Point	Collection Date	Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-104	10/27/1994	NR																														
	04/19/1994	NR																														
	05/09/1996	NR																														
	10/30/1996	NR								0.20J																						
	05/12/1997	NR																														
	10/27/1997	NR																														
	04/13/1998	NR																														
	10/11/2001	NR																			0.52L											
	02/5/2002	NR	0.18		NA					0.85														NA								
	5/21/02	NR			NA																			NA								
	08/20/2002	NR																						NA								
	10/13/04									0.45 Q																						
	10/13/04 Dup																															
	8/3/05																															
	8/3/05 Dup																															
	7/28/06																															
	8/14/07																															
	5/5/08																															
MW-106	10/1/1993	NR																														
	04/01/1994	NR																							11							
	02/04/02	NR			NA																			NA	0.25							
	05/21/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/19/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	120/5/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/03 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/2004																															
	4/27/2005																															
	4/27/05 Dup																															
	7/28/06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/31/2006*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/15/07																															
	8/14/07																															
	4/30/08																															

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																													
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-106	10/01/1993	NR																									0.61					
	04/01/1994	NR																									0.81					
	05/01/1996	NR														0.2 J											0.81					
	10/01/1996	NR								0.62J																	0.22 J					
	05/01/1997	NR																									0.65					
	10/01/1997	NR																									0.67					
	04/01/1998	NR																									0.61					
	10/01/1998	NR																									0.71					
	04/01/1999	NR																									0.58					
	10/1/1999	NR																									0.61					
	05/01/2000	NR																									0.56					
	10/01/2000	NR																									0.6					
	05/01/2001	NR																									0.56					
	10/11/2001	NR																									0.39					
	2/5/02	NR			NA																			NA			0.6					
	02/05/02 Dup	NR			NA																			NA			0.6					
	05/22/2002	NR			NA																			NA			0.49					
	05/22/02Dup	NR			NA																			NA			0.47 Q					
	08/20/2002	NR																						NA			0.43 Q					
	12/4/2002	NR																									0.53					
	04/22/2003																										0.55 Q					
	10/21/2003																										0.56					
	10/21/03 Dup																															
	4/27/04																															
	10/13/04									0.9																	0.84 Q					
	4/27/2005																															
	10/25/05																															
	4/28/06																															
	11/1/06																															
	5/1/07																															
	10/22/07																															
	4/30/08																															

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																														
Sampling Point	Collection Date	Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-107	10/27/93	NR																									2					
	4/12/94	NR																									2					
	5/9/96	NR																									2					
	10/21/96	NR								0.80 J																	2.2					
	5/13/97	NR										0.9															2.6					
	10/27/97	NR										0.7															2					
	4/14/98	NR																									2.1					
	10/13/98*	NR																									NA					
	4/6/99	NR																									1.8					
	10/27/99	NR																									1.1					
	5/2/00	NR																									1.6					
	10/31/00	NR																									1.2					
	5/31/01	NR										0.47									0.57L						1.8					
	10/11/01	NR																									0.87					
	2/4/02	NR			NA							0.35												NA			1.4					
	05/21/2002*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/19/2002 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/2002 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/03																				0.52 Q						1.2					
	10/21/03																										2.2					
	4/27/04																										1.9					
	10/13/04									0.63 Q																	0.65 Q					
	4/27/2005																										1.1					
	10/27/05																										0.79 Q					
	4/25/06																				0.49 Q						0.55 Q					
	10/31/06																															
	5/1/07																										0.86					
	10/17/07																										0.53 Q					
	5/5/08																															

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																												
Sampling Point	Collection Date	Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-107	10/27/93	NR														4															6	
	4/12/94	NR														2									0.7J						3	
	4/12/94 Dup	NR														2									0.7J						3	
	5/9/96	NR	0.1 J					0.2 J								2									0.1 J		0.1 J				2	
	10/23/96	NR						0.19		0.79 J						1.9															2.3	
	10/23/96 Dup	NR						0.21		0.49 J						2.1															2.7	
	5/14/97	NR														1.3															2	
	5/14/97 Dup	NR														1.1															1.7	
	10/27/97	NR														2.2															2.6	
	10/27/97 DUP	NR														1.8															2.3	
	4/14/98	NR														2.3															2.2	
	4/14/98 Dup	NR														2.3															2.4	
	10/14/98	NR														2.1										0.2					1.5	
	10/14/98 DUP	NR														2.4															1.7	
	4/6/99	NR														1.5															0.58	
	10/27/99	NR														1.8																
	10/27/99 Dup	NR														1.8																
	5/2/00	NR														1.5															1.2	
	5/02/00 Dup	NR														1.6															1.2	
	10/31/00	NR														1.4																
	10/31/00 Dup	NR														1.4																
	5/9/01	NR														0.96					0.52L			0.72			1.8				0.85	
	5/9/2001 Dup	NR														0.97					0.49L			0.79							0.86	
	10/11/01	NR														1.6															1.7	
	10/11/01 Dup	NR														1.5															1.7	
	2/4/02	NR			NA											1.6								NA							1.2	
	5/21/02	NR			NA											1.8								NA							1.5	
	5/21/02 Dup	NR			NA											1.7								NA							1.4	
	8/20/02	NR														0.84								NA							0.54Q	
	12/4/02	NR														1.3															1	
	4/21/03															1.5 Q															1	
	04/21/2003															1.3 Q																
	10/21/03															1.3															0.93	
	4/27/04															0.96 Q															0.61	
	10/13/04															0.89 Q															0.64	
	10/13/04 Dup															1.1 Q																
	4/27/2005																															
	10/27/05																															
	4/25/06																														0.79	
	10/31/06																														0.33Q	
	5/1/07																														0.76	
	10/19/07															0.92 Q															1	
	5/5/08																															

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																												
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene / 1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96	0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480	0.2	10000
P-107D	10/27/93	NR														2B														6	
	4/13/94	NR																													
	5/9/96	NR	0.1J							0.3J						0.2J									0.3J					0.6J	
	10/23/96	NR								0.44 J																				3.9	
	5/14/97	NR														0.49														2.4	
	10/27/97	NR														1.7														5.1	
	4/14/98	NR														1														4.1	
	10/14/98	NR																												2.2	
	4/6/99	NR														0.34														0.87	
	10/27/99	NR																												1.7	
	5/2/00	NR																												1.3	
	10/31/00	NR														0.64															
	01/05/2001	NR		0.33												1.5					0.44L			0.72B						5.6	
	10/11/01	NR														2.2														10	
	2/4/02	NR			NA											1.2								NA			0.17			3.9	
	02/04/02 Dup	NR														1.2														3.9	
	5/21/02	NR			NA											1.1								NA						3.3	
	8/20/02	NR														1.1								NA						3.1	
	12/4/02	NR														0.75														0.81	
	4/21/03															1.3 Q														3.3	
	10/21/03															0.97														3.5	
	4/27/04															1.5 Q														4.2	
	10/13/04							1.2 Q		0.93						2.0 Q														5.9	
	4/27/2005															1.3 Q														3.1	
	4/27/05 Dup							1.9 Q								2.5														6.2	
	10/27/05							1.2 Q								2.0 Q														4.3	
	4/25/06							2.3 Q								3.1					0.68 L									7.7	
	10/31/06							2.0 Q								2.1 Q														4.3	
	5/1/07							1.6Q								2.5Q														6.2	
	5/1/2007 Dup							1.6Q								2.9														6.7	
	10/19/07																													3	
	5/5/08																													1.3	

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																													
Sampling Point	Collection Date	Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-108	10/18/93	NR																							11							
	4/13/94	NR																							2							
	5/8/96	NR														0.2 J									0.2 J							
	10/23/96	NR								0.85 J																						
	5/12/97	NR																														
	10/27/97	NR																														
	4/14/98	NR																														
	10/11/01	NR																			0.34L											
	05/21/2002*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/19/2002 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/02	NR																														
	10/14/04															1.2 Q											1.3 Q				0.67	
	4/27/2005															1.0											0.7				0.3	
	8/3/05																										0.70 Q					
	10/25/05																															
	02/01/2006																															
	4/28/06																															
	7/27/06									0.36 Q																						
	11/2/06																															
	2/1/07																															
	5/2/07																															
	8/14/07																															
	10/16/07																															
	5/6/08																															

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																														
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethane	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-108	10/25/93	NR																														
	10/25/93 Dup	NR																														
	4/13/94	NR																														
	4/13/94Dup	NR																														
	10/11/01	NR																			0.32L											
	2/5/02	NR			NA																			NA								
	5/21/02	NR			NA																			NA								
	10/14/04									0.45 Q																						
	1/28/05																															
	10/25/05																															
	7/27/06									0.75 Q																						
	8/14/07											2.7 Q																				
	5/6/08																															
MW-111	4/19/94	NR																														
	10/11/01	NR																			0.30L											
	05/21/2002*	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/19/02	NR																						NA								
	12/5/02	NR																														
	10/13/04																															
	10/26/05																															
	4/24/06																															
	8/8/07																															
	5/5/08																															

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																												
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene / 1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96	0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480	0.2	10000
P-111	4/19/94	NR																							2						
	10/11/01	NR																													
	2/5/02	NR			NA																			NA							
	5/22/02	NR			NA																			NA							
	8/19/02	NR																						NA							
	08/19/02 Dup	NR																						NA							
	12/5/02	NR																													
	12/05/02 Dup	NR																													
	4/22/03																														
	10/22/03																														
	4/28/04																														
	8/3/05																														
	7/27/06																														
	8/8/07																														
	5/5/08																														
P-111D	4/4/02	NR														0.6									0.3					13	
	5/22/02	NR			NA											0.59 Q								NA						15	
	8/19/02	NR														0.37 Q								NA						12	
	12/5/02	NR														0.42 Q														11	
	4/23/03																													12	
	10/23/03																													9.1	
	5/11/04							1.4																						15	
	07/23/2004																													14	
	10/13/04							1.9 Q																	1.6 Q					11	
	1/27/05																													8.8	
	4/26/2005							3.7								0.87 Q														13	
	4/26/05 Dup							3.5																						13	
	8/3/05									2.9 Q						0.96 Q														10	
	10/26/05							3.1 Q								1.1 Q														10	
	10/26/2005 dup							2.7 Q								0.93 Q														10	
	02/01/2006							4.2								0.89 Q														11	
	4/24/06							2.8 Q								1.3 Q														11	
	7/27/06									0.30 Q						1.2 Q														10	
	10/31/06							1.4 Q								1.3 Q														8.5	
	1/31/07							3.0Q								1.4Q														8.2	
	5/1/07							3.1Q								1.3Q														8.2	
	8/8/07							2.9 Q								1.5 Q														8.5	
	10/17/07							2.7 Q								1.5 Q														8	
	5/5/08															1.5														4.7	

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																													
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-112	11/27/96	NR	0.6J					2 J								59	1 J										3J				15	
	11/27/96 Dup	NR	0.7J					2 J								58	1 J										4J				16	
	5/12/97	NR	0.59				0.27									5.4															2.2	
	10/26/97	NR	0.5				0.29									1.3																
	4/13/98	NR	0.69					1.4								57	1.3										1.9				12	
	10/13/98	NR	0.76													80											1.2				25	
	4/6/99	NR	0.72					1.4								40	0.56										1.7				7.9	
	10/27/99	NR														7.6											1					
	5/2/00	NR	0.46													3.4											0.39					
	10/30/00	NR					0.37									5.6											0.37					
	5/9/01	NR	0.42				0.42									3.5															0.98	
	10/11/01	NR	0.36				0.39	0.53								27											0.83				3.7	
	2/4/02	NR	0.23		NA		0.48									0.49								NA								
	05/21/2002*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/19/2002 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/4/02															150											2.7 Q				56	
	4/22/03		1.2 Q					7.4 &								220	4.5 Q										5.9				45	
	10/22/03	2.5	0.88					5.9								60	1.4										1.6				51	
	4/28/04		0.53 Q				0.45 Q	4								18											1.1 Q				9.9	
	4/28/04 dup	6.5	0.61 Q				0.48 Q	4.7								22											1.1 Q				9.3	
	07/23/2004	110	1.1					23								140	2.6	0.58					1				7.4				31	
	10/13/04		1.0 Q				0.42	14								110	2.4 Q										2.9				25	
	10/13/04 Dup		0.87 Q					15		0.56 Q						94	2.1 Q						0.60 Q				2.9				29	
	1/26/05		0.76 Q					20								85	2.3 Q														27	
	4/26/2005		0.6 Q					13								64	1.2 Q										1.8				17	
	8/3/05						0.48 Q									4.6															1.5	
	10/25/05															2.5 Q															1.4	
	02/01/2006		0.41 Q				0.45 Q	3.2 Q								11											0.76 Q				4.9	
	4/25/06						0.48 Q	0.97 Q								5.4															2.8	
	7/27/06						0.43 Q			0.24 Q						2.9															1.7	
	7/27/2006 dup									0.52 Q																					1.5	
	11/2/06															2.3 Q															1.7	
	2/1/07						0.46Q	1.4Q								3.8															2.5	
	5/2/07						0.53Q	1.3Q								6.1															2.6	
	8/14/07						0.51 Q									4.4															1.8	
	8/14/2007 dup						0.51 Q									4.9															1.6	
	10/18/07						0.49 Q									4															1.2	
	5/5/08															33.3											1.8				1.3	

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																													
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene / 1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96	0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480	0.2	10000
P-113A	9/12/02	NR							0.37Q																1.0Q						
	12/3/02	NR																													
	4/23/03																								2.2						
	10/22/03																														
	5/11/04																														
	8/2/05																														
	7/27/06									0.84																					
	8/8/07																														
	5/6/08																														
P-113B	09/11/2002 [3]	NR							1										0.41Q						6.6						2.6
	12/3/02	NR																													
	4/23/03																														
	7/30/03																														
	10/22/03																														
	2/4/04																														
	5/11/04																														
	07/22/2004																														
	10/14/04									0.49 Q																					
	1/27/05																														
	4/27/2005																														
	8/2/05																														
	10/26/05									0.42 Q																					
	02/01/2006																														
	4/24/06																														
	7/27/06									0.49 Q																					
	10/31/06																														
	1/31/07																														
	5/1/07																														
	8/8/07																														
	10/19/07																														
	5/6/08																														

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																													
Sampling Point	Collection Date	Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene / 1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96	0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480	0.2	10000
P-114 (former Ehster well)	11/19/01	NR														0.93														7	
	2/5/02	NR														0.85														5.5	
	5/22/02	NR														1.2														6.2	
	8/21/02	NR														0.93														5.4	
	12/3/02	NR														1.3									0.40Q					6.3	
	4/23/03																													3.3	
	10/23/03															1.2														8.6	
	10/23/03 Dup															1.4														9.2	
	5/11/04															1.5 Q														10	
	07/22/2004															1.4 Q														7.9	
	10/13/04									0.39 Q						1.7 Q														10	
	1/27/05																													3.5	
	4/26/2005																													3.0	
	8/2/05															1.1 Q														6.1	
	10/26/05									0.84						1.3 Q														6.6	
	10/26/2005 dup									0.49						1.4 Q														6.9	
	01/31/2006															1.3 Q														8.4	
	4/24/06															1.3 Q														7.6	
	4/24/2006 dup															1.3 Q														7.9	
	7/27/06									0.48 Q						1.6 Q														8.9	
	7/27/2006 dup									0.38 Q						1.6 Q														8.7	
	11/2/06															2.7 Q														13	
	11/02/2006 dup															2.7 Q														13	
	2/1/07															1.2Q					0.46Q									7.5	
	2/1/2007 dup															1.4Q														8.5	
	5/1/07															1.1Q														7.4	
	5/1/2007 dup															1.2Q														7.8	
	8/8/07															1.1 Q														6.7	
	8/8/2007 dup															1.2 Q														7.5	
	10/22/07															0.95 Q														7.8	
	10/22/2007 Dup															1.2 Q														8.1	
	5/6/08															1.5														6.6	

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																													
Sampling Point	Collection Date	Acetone [1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-115 (former Wiese well)	10/9/01	NR																													
	10/09/01 Dup	NR																													
	11/19/01	NR																													
	2/5/02	NR																													
	5/22/02	NR																													
	8/19/02	NR								0.20Q																					
	12/3/02	NR																													
	4/22/03																														
	7/30/03																														
	10/22/03																														
	2/4/04																														
	4/27/04																														
	10/14/04																													0.33 Q	
	1/27/05																														
	4/26/2005																														
	8/2/05																													0.34 Q	
	10/26/05									0.24 Q																				0.33 Q	
	01/31/2006																														
	4/24/06																													0.62	
	7/27/06																													0.44 Q	
	10/31/06																													0.39Q	
	2/1/07																													0.50Q	
	5/1/07																													0.54Q	
	8/14/07																													0.62	
	10/22/07																													0.49 Q	
	10/22/2007 Dup																													0.55 Q	
	5/6/08																													1.1	

Table 2. Groundwater VOC Analytical Results for Monitoring Wells
FF/NN Landfill, Ripon, WI

		Parameters																													
Sampling Point	Collection Date	Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-116 (former Hadel well)	10/9/01	NR																													
	11/19/2001[4]	NR																													
	2/5/02	NR																													
	5/22/02	NR																													
	8/19/02	NR																													
	08/19/02 Dup	NR																													
	12/3/02	NR																													
	12/03/02 Dup	NR																													
	4/22/03																														
	7/30/03																														
	10/22/03																														
	2/4/04																														
	5/11/04																														
	07/22/2004																														
	10/14/04																														
	1/27/05																														
	4/26/2005																														
	8/2/05																														
	10/26/05																														
	01/31/2006																														
	01/31/06 Dup																														
	4/24/06																														
	7/27/06									0.35 Q																					
	10/31/06																														
	2/1/07																														
	5/1/07																														
	8/8/07																														
	10/22/07																														
	5/6/08																														

Table 3 - Groundwater VOC Analytical Results for Private Drinking Water Wells
FF/NN Landfill, Ripon, WI

		Parameters										
		VOC's							Inorganic			
Private Well ID	Sampling Date	Carbon disulfide *	Methyl ethyl ketone *	Chloromethane	cis-1,2-Dichloroethene	Napthalene	Toluene	Vinyl Chloride	Alkalinity	COD	Chloride	Hardness
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L
WDNR	PAL	1000	460	3	70	100	1000	0.2	NE	NE	250	NE
NR140	ES	200	90	0.3	7	10	200	0.02	NE	NE	125	NE
Regularly Monitored Wells												
Baneck, Perry/Watkins	5/9/01	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	11/19/2001 [1]	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/5/02	NA	NA	ND	ND	ND	ND	ND	280	3.2	ND	280
	5/22/02	NA	NA	ND	ND	ND	ND	ND	300	ND	ND	290
	5/22/2002 Dup	NA	NA	ND	ND	ND	ND	ND	300	ND	ND	290
	8/19/02	ND	ND	ND	ND	ND	ND	ND	300	[3.0]	ND	290
	12/3/02	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	07/22/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/12/04	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/28/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/27/2005	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/2/05	ND	ND	ND	ND	0.071 QB	ND	ND	NA	NA	NA	NA
	10/26/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	01/31/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/28/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	7/27/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/31/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/8/2007 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	5/1/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/9/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/07	ND	ND	0.75 Q	ND	ND	ND	ND	NA	NA	NA	NA
	1/25/08	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	5/6/2008 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Gaastra	5/9/01	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	11/19/2001 [1]	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/5/02	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	280
	5/22/02	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	270
	8/19/02	ND	ND	0.24Q	ND	ND	ND	ND	300	ND	ND	280
	12/3/02	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/2003 dup	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/22/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/12/04	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/27/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/27/2005	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/2/05	ND	ND	ND	ND	0.071 QB	ND	ND	ND	ND	ND	ND
	10/26/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	01/31/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/28/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	7/27/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/31/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/1/2007 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	5/1/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/9/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/07	ND	ND	0.99 Q	ND	ND	ND	ND	NA	NA	NA	NA
	1/25/08	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	5/6/2008 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

Table 3 - Groundwater VOC Analytical Results for Private Drinking Water Wells
FF/NN Landfill, Ripon, WI

		Parameters										
		VOC's							Inorganic			
Private Well ID	Sampling Date	Carbon disulfide *	Methyl ethyl ketone *	Chloromethane	cis-1,2-Dichloroethene	Napthalene	Toluene	Vinyl Chloride	Alkalinity	COD	Chloride	Hardness
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L
WDNR	PAL	1000	460	3	70	100	1000	0.2	NE	NE	250	NE
NR140	ES	200	90	0.3	7	10	200	0.02	NE	NE	125	NE
Rohde	10/9/01	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	11/19/2001 [1]	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/4/02	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	300
	5/22/02	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	290
	8/20/02	ND	ND	ND	ND	ND	ND	ND	300	ND	ND	290
	4/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/23/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/22/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/12/04	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/28/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/27/2005	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/2/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/26/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/1/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/28/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	7/28/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/31/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/8/2007 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	5/1/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/9/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/25/08	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	5/6/2008[1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

Underline values indicate PAL exceedance
Bold values indicate ES exceedance
Q = detected at less than quantitation limit
B= detected in trip blank
ND= not detected above the level of detection
NA = not analyzed
NR = not required to analyze

PAL = Preventive Action Limi
ES = Enforcement Standard
NE = None Established

[1] Methylene Chloride was detected and is assumed to be a laboratory artifact
Monitoring began in 1993. See prior report submittals to WDNR for results prior to 2001
See Table 2 for monitoring wells for Ehster, Hadel and Wiese data
*Began analyzing using method 542.2 with August 2002 even

Table 4. Leachate VOC Analytical Results for Leachate Wells
FF/NN Landfill
Ripon, Wisconsin

			Parameter																													
Leachate Well ID	Year	Date	Benzene	2-Butanone (MEK)	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloromethane	Dichlorodifluoromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	P-isopropyl toluene	4-Methyl-2 Pentanone	Naphthalene	n-Propylbenzene	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Xylenes (Total)	Methyl-t-butyl ether	Di-isopropyl ether
LC-1	1993	5/12	<25	<120	<25	<25	<25	<25	NA	25	25	<25	<25	410	92	NA	NA	<120	NA	NA	<25	NA	170	NA	18J	NA	NA	76	320	NA	NA
		5/12 Dup	<36	<180	<36	<36	<36	<36	NA	36	36	43	<36	550	110	NA	NA	<180	NA	NA	<36	NA	290	NA	<36	NA	NA	71	410	NA	NA
		6/24	1J	<7	<1	<1	5	<1	NA	1	1	0.8J	<1	13	12	NA	NA	<7	NA	NA	<1	NA	20	NA	<1	NA	NA	6	85	NA	NA
		6/24 Dup	<25	<8	<2	<2	6D	<2	NA	2	2	1DJ	<2	13D	11D	NA	NA	<8	NA	NA	<2	NA	23D	NA	<2	NA	NA	7D	82D	NA	NA
	1996	5/10	2.2	<120	<25	<25	<25	4J	ND	ND	ND	<25	<25	0.46J	4J	ND	NA	<120	NA	ND	<25	NA	<25	ND	<25	NA	NA	<25	86	NA	NA
		10/31	<16	<5	<1	0.58J	1.5	<1	ND	ND	ND	<1	<1	<12	8.3	ND	NA	23	NA	ND	<1	NA	4.7	ND	<1	NA	NA	<1	280	NA	NA
	1997	5/13	1.7	<100	90	<11	<60	<19	ND	ND	ND	<18	<12	<0.23	<19	ND	<18	<18	<18	ND	<32	<95	<20	ND	<24	<16	<16	<23	<55	<7.0	<6.5
		10/28	3.6	5.9	<1.0	0.23	9.4	<0.38	ND	ND	ND	0.87	<0.25	<2.3	3.6	ND	1.7	0.80	6.8	ND	<0.63	97	1.2	ND	<0.49	9.6	8.7	<0.46	29	1.1	0.49
	1998	4/14	3.8	<20	<10	<2.2	35	<3.8	ND	ND	ND	<3.5	<2.5	<2.3	<3.8	ND	<3.5	<3.7	13	ND	<6.3	110	<3.9	ND	<4.9	14	12	<4.6	50	<1.4	<1.3
		10/14	NA	NA	NA	<2.2	<12	<3.8	ND	ND	ND	<3.5	<2.5	NA	19	ND	6.3	NA	18	ND	<6.3	NA	<3.9	ND	<4.9	37	22	<4.6	100	<1.4	<1.3
	1999	4/28*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10/28*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	5/02*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10/30*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2001	5/9*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10/9	Leachate wells not sampled																												
	2002	2/5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		5/22*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		8/19 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2003	4/22*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2004	4/28*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2005	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2006	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2007	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2008	5/6*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Leachate VOC Analytical Results for Leachate Wells
FF/NN Landfill
Ripon, Wisconsin

			Parameter																													
Leachate Well ID	Year	Date	Benzene	2-Butanone (MEK)	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloromethane	Dichlorodifluoromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	P-isopropyl toluene	4-Methyl-2 Pentanone	Naphthalene	n-Propylbenzene	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Xylenes (Total)	Methyl-t-butyl ether	Di-isopropyl ether
LC-2	1993	5/12	5	<18	<4	18	<4	<4	<1.0	<4	<4	380D	<4	<4	49	NA	NA	<18	NA	NA	<4	NA	71	NA	<4	NA	NA	<4	160D	NA	NA
		6/24	10	<16	<3	20	<3	<3	<1.0	<3	<3	170D	<3	<3	54	NA	NA	<16	NA	NA	<3	NA	27	NA	<3	NA	NA	<3	180	NA	NA
	1996	5/10	4.0	<12	<2	10	5	<2	<1.0	NA	NA	<2	0.2J	<2	<2	NA	NA	<12	NA	NA	<2	NA	0.6J	NA	<2	NA	NA	<2	20	NA	NA
		10/31	6.6	<5	<1	24	8.1	<1.0	<1.0	<5	<5	11	0.22J	3.1	42	NA	NA	<5.0	NA	NA	2.7	NA	6.8	NA	0.56J	NA	NA	<1.0	140	NA	NA
	1997	5/13	5.8	<20	<10	17	<12	<3.8	<1.0	<2	<2.2	8.3	<2.5	<2.3	<3.8	<3.6	<3.5	<3.7	4.4	<4.6	<6.3	<19	<3.9	<1.8	<4.9	6.9	5.5	<4.6	34	<1.4	<1.3
		10/28	7.0	2.3	<1.0	25	6.4	<0.38	<1.0	0.59	0.23	8.2	<0.20	<0.23	18	0.64	1.1	<0.37	8.9	<0.46	<0.63	240J	1.4	0.18	<0.49	17	6.5	<0.46	40	1.6	1.2
	1998	4/14	<16	<100	<50	25	<60	<19	<1.0	<10	<11	<18	<12	<12	<19	<18	<18	<18	<18	<23	<32	200	<20	<9.0	<24	<16	<16	<23	<55	<7	<6.5
		10/14	4.0	NA	NA	91	<2.4	<0.76	<1.0	<0.44	<0.44	18	<0.50	<0.46	45	1.4	<0.70	NA	7.1	<0.92	<1.3	NA	<0.78	<0.36	<0.98	17	3.5	<0.92	39	1.3	0.94
	1999	4/7	6.2	NA	NA	44	<1.0	<1.0	<1.0	<1.0	<1.0	28	<1.0	<1.0	150	3.9	<1.0	NA	7.1	2.8	<1.0	NA	<0.40	<1.0	<1.0	26	9.0	<1.0	380	<1.0	<1.0
		10/28	8.0	<2.5	NA	45	<2.5	<2.5	<1.0	<2.5	<2.5	30	<2.5	<2.5	280	6.7	<2.5	<2.5	12	<2.5	<2.5	240	<1.0	<2.5	<2.5	42	11	<2.5	750	<2.5	<2.5
	2000	5/02	8.1	<2.5	<2.5	45	<2.5	<2.5	<1.0	<2.5	<2.5	30	<2.5	<2.5	190	<2.5	<2.5	<2.5	3.6	<2.5	<2.5	190	<1.0	<2.5	<2.5	42	15	<2.5	670	<2.5	<2.5
		10/30	10	<1.0	NA	47	<1.0	<1.0	<1.0	<1.0	<1.0	33	<1.0	<1.0	130	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	200	0.68	<1.0	<1.0	18	13	<1.0	430	2.0	<1.0
	2001	5/09	<0.40	<1.0	NA	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	200	<0.40	<1.0	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<1.0
		10/9	Leachate wells not sampled																													
	2002	2/5	13	NA	NA	67	<13	<4.8	<3.2	<3.3	<3.1	39	<4.6	<4.9	180	9	<4.1	NA	13	7	<2.5	NA	<2.6	<3.1	<2.7	45	12	<3.5	720	<5.7	<5.9
		5/22	14	NA	NA	51	ND	ND	ND	ND	ND	33	ND		96	3.3 Q	ND	NA	ND	ND	ND	ND	ND	ND	ND	23	9.5	ND	570	NA	NA
	2003	4/22	12	ND	ND	43	ND	ND	ND	ND	ND	30	ND	ND	210	NA	NA	NA	10	NA	ND	170	ND	NA	ND	NA	NA	ND	980	ND	NA
	2004	4/28	9	ND	ND	30	1.8 Q	ND	ND	ND	ND	23	ND	ND	88	NA	NA	NA	4.4	NA	ND	130	1.5 Q	NA	ND	NA	NA	ND	470 D	0.87 Q	NA
	2005	8/3	11	ND	ND	43	ND	ND	ND	ND	ND	25	ND	ND	92	NA	NA	NA	3.7	NA	ND	180	ND	NA	ND	NA	NA	ND	770	ND	NA
	2006	4/28[1]	13	ND	ND	45	ND	ND	ND	ND	ND	33	ND	ND	85	NA	NA	NA	17	NA	ND	220	ND	NA	ND	NA	NA	ND	1100	ND	NA
	2007	5/02	12	<22	<3.3	50	<4.8	<1.2	<5.0	<4.1	<4.4	22	<3.8	<4.1	52	NA	NA	NA	6.3	NA	<2.2	170	<3.4	NA	<2.4	NA	NA	<0.9	780	<3	NA
	2008	5/6	7.6	<4.3	<0.66	58.2	<0.97	<0.24	<0.99	<0.83	<0.87	13.1	<0.75	<0.83	43.3	NA	NA	NA	11.3	NA	<0.45	128	2.1	NA	<0.48	NA	NA	<0.18	337	<0.61	NA

Table 4. Leachate VOC Analytical Results for Leachate Wells
FF/NN Landfill
Ripon, Wisconsin

			Parameter																												
Leachate Well ID	Year	Date	Benzene	2-Butanone (MEK)	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloromethane	Dichlorodifluoromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	P-isopropyl toluene	4-Methyl-2 Pentanone	Naphthalene	n-Propylbenzene	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Xylenes (Total)	Methyl-t-butyl ether	Di-isopropyl ether
LC-3	1993	5/12*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		6/24*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1996	5/10*	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10/31*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1997	5/13*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10/28*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1998	4/14*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10/14*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1999	4/28*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10/28*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	5/02	<10	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	5800	<25	<25	<25	<25	25	<25	<25	<25	65	<25	<25	<10	<10	330	<25	<25	<25
		10/30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2001	5/9*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10/9	Leachate wells not sampled																												
	2002	2/5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		5/22*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		8/19 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2003	4/22*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2004	4/28*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2005	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2006	*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2007	5/02	<4.1	<43	<6.6	<4.1	<9.7	<2.4	<9.9	<8.3	<8.7	<9.5	<7.5	170	13	NA	NA	NA	<7.4	NA	<4.5	290	35	NA	<4.8	NA	NA	13	65	<6.1	NA
	2008	5/6*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Leachate VOC Analytical Results for Leachate Wells
FF/NN Landfill
Ripon, Wisconsin

			Parameter																												
Leachate Well ID	Year	Date	Benzene	2-Butanone (MEK)	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloromethane	Dichlorodifluoromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	P-isopropyl toluene	4-Methyl-2 Pentanone	Naphthalene	n-Propylbenzene	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Xylenes (Total)	Methyl-t-butyl ether	Di-isopropyl ether

Notes:
* = Insufficient water for sample collection
D = Analyte was identified in an analysis at a secondary dilution factor
J = Estimated Values; Below the Quantitation Limit
NA = Not analyzed
ND = Not detected
Q = Between LOD and LOQ
4/28[1] Acetone detected at 29 ug/l
Many samples results indicated the presence of methylene chloride and/or acetone.
Validation of the data indicated that these compounds were not actually present in the water from the leachate wells.
These, and other compounds not detected in the samples are not included on the summary table.

All concentrations are in parts per billion (ppb)

Contaminants are not compared to NR140 Prevention Action Limits and Enforcement Standards because those standards do not apply to leachate.

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
Extraction Points			variable	variable	<5	<40			target percentages
GV-1	11:33	3/20/06	10.2	8.1	14.9	66.8			pre-startup
	10:08	3/22/06	17.2	11.7	14.8	56.3			
	11:33	3/22/06	10.2	8.1	14.9	66.8			
	15:38	3/22/06	48.6	29.2	1.4	20.8			
	8:39	3/23/06	43.2	26.9	1.0	28.9			
	16:40	3/23/06	41.1	21.9	2.4	34.6			
	15:00	3/24/06	11.5	8.6	13.4	66.5			
	14:50	3/28/06	8.7	7.4	13.4	70.5			
	19:02	3/30/06	21.1	19.6	2.4	56.9	8	1	
	13:20	4/5/06	23.0	17.0	9.8	50.2			
	13:15	4/6/06	8.0	8.2	13.3	70.5			
	13:30	4/11/06	10.2	13.4	6.7	69.7			
	10:51	4/14/06	12.1	16.6	2.3	69.0	0	0	
	15:32	4/14/06	22.8	24.9	1.0	51.3	430	34	
	10:15	4/17/06	19.6	24.6	5.0	50.8			
	19:36	4/27/06	11.3	16.8	1.9	70.0	315	25	
	13:22	5/4/06	0.4	0.1	2.5	97.0			
	10:30	5/22/06	5.9	19.0	3.0	72.1			
	14:32	6/2/06	6.6	19.5	3.4	70.5			
	8:35	6/9/06	7.9	17.8	6.4	67.9			
	12:04	6/14/06	7.1	10.8	15.4	66.7			
	10:57	6/22/06	6.3	19.5	5.6	68.6			
	11:31	7/5/06	5.3	20.0	5.9	68.8			
	10:45	7/10/06	4.7	18.8	5.2	71.3			
	10:11	7/17/06	5.7	19.8	5.7	68.8			
	14:11	7/28/06	5.8	19.7	5.3	69.2			
	10:04	8/8/06	4.6	18.2	6.4	70.8			
	9:16	8/16/06	2.4	1.3	7.1	89.2			
	8:33	8/21/06	4.3	18.0	7.5	70.2			
	2:18	8/28/06	3.4	18.2	8.1	70.3			
	11:31	9/13/06	8.1	0.0	8.9	83.0			
	11:29	9/25/06	0.3	0.6	4.9	94.2			
	8:29	10/10/06	4.0	11.6	13.0	71.4			
	8:35	10/23/06	0.7	0.1	20.4	78.8			
	14:16	11/2/06	4.9	13.8	8.6	72.8			
	15:04	11/14/06	0.3	0.0	20.1	79.7			
	11:31	11/27/06	0.2	0.0	20.2	79.7			
	13:19	12/26/06	4.9	14.0	7.3	73.8			
	12:58	1/27/07	3.3	12.6	7.4	76.7			
	9:28	2/15/07	0.3	5.6	14.2	80.0			
	11:45	2/24/07	0.6	5.4	15.1	78.9			
	9:38	3/1/07	7.5	18.6	0.9	73.0			
	10:07	3/1/07	6.5	18.0	1.7	73.8	60	5	
	11:11	3/1/07	7.0	18.0	2.1	72.9			
	12:20	3/1/07	6.5	18.4	2.2	72.9			
	13:40	3/1/07	5.5	17.8	3.2	73.5	80	6	
	13:42	3/1/07	6.0	17.4	3.8	72.8	100	8	
	14:36	3/1/07	5.5	16.4	4.2	73.9	20	2	
	7:45	3/5/07	0.3	3.2	16.6	79.9			adjust blower time, 12 on, 12 off
	7:45	3/24/07	1.4	11.2	8.0	79.5			
	16:32	3/24/07	1.1	10.4	9.0	79.5			
	16:45	3/26/07	0.5	8.6	10.7	80.2			
	7:05	3/27/07	0.4	8.0	11.8	79.9			
	16:50	3/28/07	0.6	8.8	11.7	78.9			
	7:35	3/29/07	0.3	9.0	10.6	80.1			
	16:38	3/29/07	0.4	8.6	11.2	79.8			
	7:35	3/30/07	8.0	17.8	1.6	72.6			blower off
	10:42	5/30/07	29.5	25.0	0.8	44.7	110	9	restart and run 24 hrs
	13:50	5/30/07	23.5	23.6	1.2	51.7			
	10:05	5/31/07	8.5	17.4	2.3	71.8			reduce to 12 on 12 off
	16:05	6/1/07	5.5	15.8	3.0	75.7			
	15:10	6/2/07	4.8	15.0	3.2	77.1			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-1	15:40	6/3/07	4.0	14.6	3.6	77.8			
	13:50	6/4/07	3.0	14.0	4.7	78.3			reduce to 6 on 18 off
	14:23	6/7/07	7.0	16.8	2.2	74.0			
	16:05	6/12/07	0.9	11.2	9.6	78.3	112	9	
	13:45	6/14/07	1.5	12.0	8.3	78.3	59	5	
	13:45	6/19/07	1.4	12.2	8.5	78.0	96	8	
		6/21/07							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-4	11:23	3/20/06	15.6	15.9	9.1	59.4			pre-startup
	10:04	3/22/06	45.0	26.7	2.7	25.6			
	15:30	3/22/06	54.0	32.9	0.9	12.2			
	8:33	3/23/06	50.6	32.3	0.9	16.2			
	16:32	3/23/06	42.4	26.0	0.8	30.8			
	14:56	3/24/06	30.0	15.7	16.0	38.3			
	14:20	3/28/06	10.5	9.9	8.9	70.7			
	19:25	3/30/06	27.4	25.4	1.6	45.6	270	21	
	13:15	4/5/06	16.0	16.9	8.2	58.9			
	12:45	4/6/06	14.2	15.1	8.8	61.9			
	13:05	4/11/06	11.7	12.9	11.5	63.9			
	10:47	4/14/06	22.7	23.6	1.6	52.1	330	26	
	15:24	4/14/06	15.5	30.4	2.5	51.6	435	34	
	9:55	4/17/06	10.0	15.5	7.6	66.9			
	19:25	4/27/06	8.1	15.2	3.7	73.0	400	31	
	13:07	5/4/06	7.4	15.3	5.3	72.0			
	10:15	5/22/06	6.8	16.4	5.8	71.0			
	14:45	6/2/06	14.1	31.6	5.1	49.2			
	8:18	6/9/06	10.1	0.6	8.0	81.3			
	12:32	6/14/06	10.4	21.1	7.7	60.8			
	11:30	6/22/06	0.6	0.4	19.9	79.1			
	12:04	7/5/06	12.7	8.8	5.1	73.4			
	11:28	7/10/06	6.3	24.5	2.5	66.7			
	10:48	7/17/06	5.7	21.0	5.4	67.9			
	13:58	7/28/06	8.0	25.3	2.8	63.9			
	9:44	8/8/06	6.2	23.0	4.0	66.8			
	9:03	8/16/06	6.1	23.2	4.0	66.7			
	8:17	8/21/06	7.0	0.5	4.6	87.9			
	2:06	8/28/06	7.4	25.9	3.9	62.8			
	11:20	9/13/06	8.1	0.1	3.3	88.5			
	11:17	9/25/06	10.1	0.3	1.3	88.3			
	8:17	10/10/06	7.4	25.4	3.4	63.8			
	8:17	10/23/06	7.8	24.0	6.3	61.9			
	13:45	11/2/06	6.0	20.4	4.2	69.4			
	14:51	11/14/06	8.0	16.6	6.4	69.0			
	11:25	11/27/06	4.0	14.8	6.3	75.0			
	12:50	12/26/06	4.4	18.8	3.1	73.7			
	13:42	1/27/07	9.0	20.4	2.7	67.9			
	9:26	2/15/07	0.5	14.4	3.8	81.3			
	11:18	2/24/07	3.2	14.8	6.7	75.3			
	9:32	3/1/07	16.5	22.2	0.2	61.1			
	9:50	3/1/07	16.5	22.6	0.8	60.1	60	5	
	11:05	3/1/07	12.0	19.8	1.2	67.0			
	12:13	3/1/07	12.0	19.2	1.2	67.6			
	13:15	3/1/07	10.5	19.0	1.2	69.3	90	7	
	13:17	3/1/07	10.5	19.2	1.0	69.3	120	9	
	14:25	3/1/07	9.5	1.2	17.6	71.7	20	2	
	8:15	3/5/07	6.0	16.8	3.2	74.0			adjust blower time, 12 on, 12 off
	8:15	3/24/07	9.5	21.8	1.0	67.7			
	17:00	3/24/07	7.0	20.8	1.3	70.9			
	17:14	3/26/07	2.6	19.2	2.1	76.1			
	7:33	3/27/07	1.7	18.8	2.8	76.7			
	16:24	3/28/07	2.5	19.2	1.9	76.4			
	8:08	3/29/07	2.9	19.2	1.5	76.4			
	17:04	3/29/07	3.3	19.2	1.7	75.9			
	8:08	3/30/07	8.5	20.6	0.2	70.7			blower off
	10:54	5/30/07	39.5	27.4	0.2	32.9	130	10	restart and run 24 hrs
	13:34	5/30/07	37.5	26.8	0.2	35.5			
	10:35	5/31/07	16.5	23.8	0.2	59.5			reduce to 12 on 12 off
	16:36	6/1/07	12.5	22.5	0.4	64.6			
	15:33	6/2/07	11.0	22.4	0.4	66.2			
	16:13	6/3/07	9.5	21.8	0.3	68.4			
	14:15	6/4/07	6.5	21.6	0.4	71.5			reduce to 6 on 18 off
	14:59	6/7/07	9.5	22.2	0.1	68.2			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-4	17:25	6/12/07	4.4	20.8	1.0	73.8	47	4	
	14:40	6/14/07	4.3	20.6	0.5	74.7	35	3	
	14:50	6/19/07	5.0	21.0	0.8	73.2	73	6	
	14:50	6/21/07	7.5	21.6	0.7	70.2	89	7	
	14:40	7/11/07	10.5	23.0	0.4	66.1	33	3	
	14:08	7/23/07	12.5	23.6	0.4	63.5	85	7	
	14:06	8/8/07	13.0	24.0	0.4	62.6			
	13:40	8/13/07	10.0	23.4	0.9	65.7	79	6	
	13:50	8/20/07	4.6	21.6	0.8	73.0	122	10	
	14:35	8/28/07	3.1	20.2	0.9	75.8	242	19	
		8/31/07							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-6	11:19	3/20/06	0.4	0.2	20.9	78.5			pre-startup
	10:00	3/22/06	45.9	26.6	2.6	24.9			
	15:49	3/22/06	54.2	31.6	0.9	13.3			
	8:47	3/23/06	51.5	29.5	1.3	17.7			
	16:50	3/23/06	45.0	25.4	3.8	25.8			
	15:30	3/24/06	24.0	13.9	15.0	47.1			
	14:30	3/28/06	13.2	10.0	12.9	63.9			
	19:00	3/30/06	34.4	24.9	2.9	37.8	295	23	
	13:25	4/5/06	22.9	18.7	8.2	50.2			
	12:55	4/6/06	21.9	17.4	7.9	52.8			
	13:10	4/11/06	23.8	20.2	5.9	50.1			
	10:56	4/14/06	26.9	23.4	2.3	47.4	305	24	
	15:53	4/14/06	21.3	28.5	5.4	44.8	225	13	
	10:00	4/17/06	31.3	34.0	3.0	31.7			
	19:55	4/27/06	15.6	19.8	4.0	60.6	215	17	
	13:15	5/4/06	0.0	0.0	2.4	97.6			
	10:19	5/22/06	16.2	24.6	1.3	57.9			
	8:23	6/9/06	24.4	32.8	6.2	36.6			
	12:37	6/14/06	22.8	29.3	5.6	42.3			
	10:46	6/22/06	12.1	23.0	5.4	59.5			
	12:07	7/5/06	13.7	24.7	4.9	56.7			
	11:33	7/10/06	12.6	26.2	4.0	57.2			
	10:54	7/17/06	12.7	25.6	3.9	57.8			
	14:04	7/28/06	4.8	24.5	4.4	66.3			
	9:53	8/8/06	14.8	29.1	2.3	53.8			
	9:06	8/16/06	14.8	27.1	4.1	54.0			
	8:22	8/21/06	12.7	8.6	3.8	74.9			
	14:10	8/28/06	16.6	25.7	5.0	52.7			
	11:24	9/13/06	8.2	1.4	5.3	85.1			
	11:20	9/25/06	8.1	0.8	1.8	89.3			
	8:20	10/10/06	18.1	30.1	3.2	48.6			
	8:21	10/23/06	12.8	18.1	4.6	64.5			
	14:05	11/2/06	10.0	22.4	1.3	66.3			
	14:56	11/14/06	19.0	21.8	4.5	54.7			
	11:27	11/27/06	9.0	14.6	8.4	68.0			
	13:00	12/26/06	15.5	22.8	1.5	60.2			
	14:02	1/27/07	13.5	20.8	1.7	64.0			
	9:32	2/15/07	0.6	11.4	8.0	80.1			
	11:24	2/24/07	2.6	12.0	9.6	75.9			
	9:41	3/1/07	23.0	24.0	0.2	52.8			
	10:15	3/1/07	13.5	17.8	3.6	65.1	40	3	
	10:17	3/1/07	12.0	19.2	1.3	67.5			
	11:13	3/1/07	9.0	17.4	2.5	71.1			
	12:22	3/1/07	7.5	16.6	3.0	72.9			
	13:53	3/1/07	6.5	15.6	4.3	73.6	80	6	
	14:00	3/1/07	7.0	15.5	4.2	73.3	120	9	
	14:40	3/1/07	6.0	14.4	5.2	74.4	20	2	
	8:00	3/5/07	6.0	14.4	6.4	73.2			adjust blower time, 12 on, 12 off
	8:05	3/24/07	11.5	20.0	2.8	65.7			
	16:50	3/24/07	12.0	19.4	2.8	65.8			
	17:05	3/26/07	9.5	18.4	3.2	68.9			
	7:25	3/27/07	7.0	17.6	4.1	71.3			
	16:31	3/28/07	11.0	20.0	1.8	67.2			
	7:59	3/29/07	8.5	19.8	1.4	70.3			
	16:55	3/29/07	12.0	20.0	1.3	66.7			
	7:59	3/30/07	9.0	20.8	0.3	69.9			blower off
	10:45	5/30/07	31.0	22.6	0.7	45.7	80	6	restart and run 24 hrs
	13:40	5/30/07	36.5	26.2	0.6	36.7			
	10:25	5/31/07	21.5	22.8	1.5	54.2			reduce to 12 on 12 off
	16:28	6/1/07	20.5	22.0	1.1	56.4			
	15:25	6/2/07	20.0	21.8	1.1	57.1			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-6	16:05	6/3/07	20.5	22.4	0.5	56.6			
	14:08	6/4/07	16.5	22.0	0.8	60.7			reduce to 6 on 18 off
	15:04	6/7/07	19.0	22.6	0.4	58.0			
	17:35	6/12/07	14.0	21.6	1.7	62.7	147	11	
	15:00	6/14/07	14.0	21.8	0.6	63.6	122	10	
	14:30	6/19/07	13.0	22.8	0.7	63.5	71	6	
	14:30	6/21/07	15.0	21.8	1.4	61.8	93	7	
	14:20	7/11/07	14.0	20.2	3.1	62.7	118	9	
	14:20	7/23/07	15.0	21.0	3.3	60.7	98	8	
	14:10	8/8/07	14.0	20.2	3.8	62.0			
	13:15	8/13/07	12.0	18.6	5.1	64.3	41	3	
	14:20	8/20/07	9.5	18.0	5.1	67.4	81	6	
	14:15	8/28/07	9.0	18.6	4.4	68.0	150	12	
	15:50	8/31/07	6.0	19.2	2.5	72.3	65	5	
	14:45	9/4/07	6.0	18.2	3.2	72.6	54	4	
	13:15	9/17/07	5.0	16.8	4.3	73.9	73	6	
	9:35	9/29/07	4.7	16.8	4.3	74.2	85	7	
	8:35	10/4/07	4.4	16.2	4.7	74.8	57	4	
	9:35	10/7/07	4.7	17.0	3.6	74.7	71	6	
	9:40	10/18/07	7.5	20.0	0.6	71.9	65	5	
	9:10	10/25/07	7.0	2.0	0.5	90.5	47	4	
	9:10	11/1/07	7.0	20.6	0.2	72.2	31	2	
	10:05	11/13/07	17.5	22.0	0.7	59.8	61	5	
	11:20	11/26/07	6.0	15.6	5.5	72.9	54	4	reduce to 12 on 12 off
	10:50	12/10/07	7.0	16.8	4.8	71.4	37	3	reduce to 10 on 14 off
	11:40	12/26/07	6.5	15.6	4.9	73.0	49	4	reduce to 8 on 16 off
	10:05	1/9/08	6.0	15.6	4.9	73.5	47	4	
	12:05	1/23/08	5.5	13.4	7.3	73.8	31	2	
	9:10	2/4/08	12.5	19.4	0.9	67.2	57	4	
	7:40	2/18/08	17.0	20.4	0.7	61.9	47	4	
	7:20	3/4/08	21.0	21.0	0.9	57.1	73	6	
	8:35	3/18/08	31.0	22.8	0.8	45.4	71	6	
	14:15	5/12/08	14.5	19.6	3.1	62.8	67	5	
	9:05	5/19/08	5.5	14.8	6.4	73.3	59	5	
	13:40	5/30/08	12.0	20.4	0.2	67.4	63	5	
	9:15	6/12/08	5.0	16.8	5.5	72.7	49	4	
	9:10	6/25/08	10.0	23.4	0.6	66.0	53	4	

	Time	Date	CH_4 (%)	CO_2 (%)	O_2 (%)	N (%)	Velocity feet/min	Extraction CFM*	Comments
GV-7	11:17	3/20/06	9.3	6.8	15.8	68.1			pre-startup
	9:58	3/22/06	44.0	24.8	1.3	29.9			
	15:46	3/22/06	11.1	24.5	1.3	63.1			
	8:44	3/23/06	36.7	25.0	1.6	36.7			
	14:40	3/24/06	8.2	6.8	15.3	69.7			
	14:40	3/28/06	8.5	8.3	12.7	70.5			
	19:13	3/30/06	19.8	18.8	3.2	58.2	311	24	
	13:30	4/5/06	11.5	12.5	9.8	66.2			
	13:00	4/6/06	8.1	8.5	12.5	70.9			
	13:15	4/11/06	13.9	16.6	4.8	64.7			
	10:55	4/14/06	13.9	17.1	2.3	66.7	340	27	
	15:39	4/14/06	28.6	29.2	3.5	38.7	280	22	
	10:05	4/17/06	13.1	18.3	7.9	60.7			
	19:45	4/27/06	8.7	13.6	5.4	72.3	226	18	
	13:17	5/4/06	0.0	0.0	6.3	93.7			
	10:23	5/22/06	6.7	15.1	7.0	71.2			
	8:26	6/9/06	9.8	24.8	9.1	56.3			
	12:40	6/14/06	8.2	13.5	8.7	69.6			
	10:48	6/22/06	5.6	15.4	7.8	71.2			
	12:14	7/5/06	5.2	17.1	7.4	70.3			
	11:35	7/10/06	0.0	0.0	5.6	94.4			
	11:00	7/17/06	4.6	16.4	7.0	72.0			
	14:07	7/28/06	6.2	16.7	6.7	70.4			
	9:59	8/8/06	4.9	15.6	7.9	71.6			
	9:08	8/16/06	5.6	15.1	8.3	71.0			
	8:25	8/21/06	1.6	4.2	9.3	84.9			
	2:12	8/28/06	5.2	14.8	8.8	71.2			
	11:25	9/13/06	4.6	13.3	9.9	72.2			
	11:23	9/25/06	6.8	0.5	5.1	87.6			
	8:22	10/10/06	5.2	13.8	11.3	69.7			
	8:24	10/23/06	2.4	3.0	16.0	78.6			
	14:10	11/2/06	6.5	13.0	9.4	71.1			
	14:59	11/14/06	2.6	8.6	11.5	77.3			
	11:30	11/27/06	2.7	8.6	11.7	77.1			
	13:05	12/26/06	9.0	16.0	6.0	69.0			
	14:12	1/27/07	8.0	4.8	5.4	81.8			
	9:33	2/15/07	0.9	15.0	3.3	80.8			
	11:30	2/24/07	sampling port clogged with ice						
	9:43	3/1/07	30.5	27.2	0.3	42.0			
	10:20	3/1/07	18.5	23.4	0.7	57.4	60	5	
	11:17	3/1/07	20.5	24.2	0.4	54.9			
	12:24	3/1/07	17.0	23.0	0.4	59.6			
	14:04	3/1/07	17.5	23.0	0.8	58.7	130	10	
	14:42	3/1/07	16.0	22.0	1.5	60.5	20	2	
	7:55	3/5/07	4.9	17.4	2.6	75.1			adjust blower time, 12 on, 12 off
	7:55	3/24/07	7.0	12.2	6.6	74.2			
	16:37	3/24/07	6.5	12.0	6.7	74.8			
	16:56	3/26/07	5.0	11.4	7.4	76.2			
	7:14	3/27/07	4.1	10.4	8.9	76.6			
	16:38	3/28/07	4.6	11.6	8.0	75.8			
	7:45	3/29/07	4.2	12.6	6.3	77.0			
	16:47	3/29/07	4.9	12.4	6.8	76.0			
	7:40	3/30/07	4.0	14.2	4.5	77.4			blower off
	10:50	5/30/07	35.5	26.2	0.5	37.8	70	5	restart and run 24 hrs
	13:42	5/30/07	28.5	21.4	1.4	48.7			
	10:15	5/31/07	16.5	17.4	2.7	63.4			reduce to 12 on 12 off
	16:15	6/1/07	15.0	17.0	2.7	65.3			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-7	15:17	6/2/07	14.0	16.8	3.0	66.2			
	15:48	6/3/07	13.5	16.6	3.1	66.8			
	13:54	6/4/07	11.5	15.6	4.0	68.9			reduce to 6 on 18 off
	14:32	6/7/07	15.0	18.0	2.1	64.9			
	16:25	6/12/07	8.0	14.2	6.2	71.6	41	3	
	14:05	6/14/07	9.5	15.0	5.6	69.9	47	4	
	13:45	6/19/07	8.0	14.2	6.7	71.1	126	10	
		6/21/07							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-9	11:13	3/20/06	16.8	14.0	9.7	59.5			pre-startup
	9:56	3/22/06	42.7	27.8	0.8	28.7			
	15:42	3/22/06	47.8	30.5	1.3	20.4			
	8:42	3/23/06	49.0	31.4	1.0	18.6			
	16:43	3/23/06	56.4	36.6	0.9	6.1			
	16:48	3/23/06	38.0	28.3	1.7	32.0			
	15:10	3/24/06	11.2	9.3	14.0	65.5			
	15:00	3/28/06	8.8	8.9	12.8	69.5			
	19:05	3/30/06	25.8	26.3	1.5	46.4	236	18	
	13:40	4/5/06	14.1	17.7	7.8	60.4			
	13:20	4/6/06	11.0	13.7	10.0	65.3			
	13:25	4/11/06	8.9	11.8	11.2	68.1			
	10:53	4/14/06	15.7	20.6	1.4	62.3	270	21	
	15:36	4/14/06	12.8	19.0	2.9	65.3	390	30	
	10:20	4/17/06	11.2	15.7	11.6	61.5			
	19:40	4/27/06	9.6	16.8	3.7	69.9	311	24	
	13:24	5/4/06	0.0	0.1	3.7	96.2			
	10:33	5/22/06	6.3	17.9	4.4	71.4			
	8:38	6/9/06	5.2	15.6	7.0	72.2			
	13:00	6/14/06	12.4	31.0	6.1	50.5			
	11:01	6/22/06	5.1	18.4	5.9	70.6			
	11:35	7/5/06	5.8	20.5	4.8	68.9			
	10:48	7/10/06	0.9	22.4	2.8	73.9			
	10:14	7/17/06	6.0	20.6	5.6	67.8			
	14:12	7/28/06	7.0	20.7	4.4	67.9			
	10:06	8/8/06	5.4	19.6	5.3	69.7			
	9:25	8/16/06	9.8	6.4	6.0	77.8			
	8:35	8/21/06	0.4	0.8	6.9	91.9			
	2:20	8/28/06	5.6	18.8	7.2	68.4			
	11:34	9/13/06	0.6	1.4	6.9	91.1			
	11:31	9/25/06	7.0	0.7	6.4	85.9			
	8:30	10/10/06	5.9	18.2	7.4	68.5			
	8:39	10/23/06	6.8	19.2	7.0	67.0			
	14:18	11/2/06	4.6	14.6	7.2	73.7			
	15:13	11/14/06	4.2	14.0	7.4	74.5			
	11:35	11/27/06	3.2	14.0	7.4	75.4			
	13:25	12/26/06	7.5	17.4	4.5	70.6			
	13:05	1/27/07	6.5	14.8	6.8	71.9			
	9:30	2/15/07	0.4	15.8	4.0	79.8			
	11:50	2/24/07	7.0	12.2	8.6	72.2			
	9:36	3/1/07	18.0	22.0	0.3	59.7			
	10:03	3/1/07	11.5	18.2	2.1	68.2	60	5	
	11:09	3/1/07	6.0	14.5	4.9	74.6			
	11:24	3/1/07	5.5	14.4	5.3	74.8			
	12:18	3/1/07	5.0	13.8	5.4	75.8			
	13:25	3/1/07	2.6	12.6	6.7	78.1	70	5	
	13:35	3/1/07	2.2	6.8	12.6	78.5	20	2	
	14:34	3/1/07	0.7	10.6	7.9	80.9			
	7:40	3/5/07	0.2	0.0	20.1	79.8			adjust blower time, 12 on, 12 off
	8:25	3/24/07	7.0	15.6	5.4	72.0			
	17:15	3/24/07	7.0	15.8	4.9	72.3			
	17:35	3/26/07	5.5	15.6	4.8	74.1			
	7:45	3/27/07	4.9	14.8	5.6	74.8			
	17:05	3/28/07	5.5	16.0	5.0	73.5			
	8:22	3/29/07	4.9	15.8	4.6	74.7			
	17:25	3/29/07	5.5	16.0	4.7	73.8			
	8:20	3/30/07	1.2	15.2	4.0	79.7			blower off
	10:27	5/30/07	27.5	24.8	0.4	47.3	110	9	restart and run 24 hrs
	13:48	5/30/07	23.5	24.0	0.4	52.1			
	10:00	5/31/07	17.5	20.8	1.2	60.5			reduce to 12 on 12 off
	16:20	6/1/07	17.0	20.8	1.0	61.2			
	15:45	6/2/07	16.0	20.8	0.9	62.3			
	15:55	6/3/07	16.0	20.4	1.1	62.5			
	13:58	6/4/07	14.5	19.8	1.5	64.2			reduce to 6 on 18 off

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-9	14:37	6/7/07	15.0	24.0	0.6	60.4			
	16:35	6/12/07	11.5	19.2	2.6	66.7	148	12	
	14:14	6/14/07	11.0	19.0	2.5	67.5	33	3	
	14:05	6/19/07	10.0	19.0	2.8	68.2	138	11	
	13:50	6/21/07	7.5	16.6	4.8	71.1	94	7	
	13:40	7/11/07	7.0	16.8	4.7	71.5	106	8	
	13:20	7/23/07	7.5	17.4	4.6	70.5	120	9	
	14:15	8/8/07	7.5	17.2	5.0	70.3			
		8/13/07							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-12	11:05	3/20/06	11.5	17.7	5.4	65.4			pre-startup
	9:50	3/22/06	36.0	26.8	2.1	35.1			
	10:16	3/22/06	34.8	24.3	1.9	39.0			
	15:28	3/22/06	34.4	26.0	0.8	38.8			
	8:25	3/23/06	32.9	31.0	2.1	34.0			
	16:30	3/23/06	24.1	20.2	2.7	53.0			
	14:20	3/24/06	4.7	4.8	17.1	73.4			
	14:10	3/28/06	4.4	5.5	9.9	80.2			
	19:28	3/30/06	13.1	16.7	5.8	64.4	630	49	
	13:10	4/5/06	6.7	9.4	12.4	71.5			
	12:40	4/6/06	6.8	9.0	12.3	71.9			
	13:00	4/11/06	5.4	8.3	13.0	73.3			
	10:42	4/14/06	11.3	17.8	3.6	67.3	720	56	
	15:19	4/14/06	4.5	10.7	9.2	75.6	378	30	
	9:50	4/17/06	2.1	6.1	14.5	77.3			
	19:16	4/27/06	3.7	9.2	9.6	77.5			
	13:04	5/4/06	3.8	9.8	10.4	76.0			
	10:12	5/22/06	3.0	10.8	10.2	76.0			
	8:15	6/9/06	3.9	11.9	11.5	72.7			
	12:29	6/14/06	5.9	14.2	10.5	69.4			
	10:36	6/22/06	4.3	13.2	9.7	72.8			
	12:01	7/5/06	3.4	13.0	10.5	73.1			
	11:25	7/10/06	5.3	20.0	4.1	70.6			
	10:45	7/17/06	3.4	14.4	8.7	73.5			
	13:55	7/28/06	4.5	18.1	6.5	70.9			
	9:40	8/8/06	4.1	17.2	6.7	72.0			
	9:35	8/16/06	0.7	2.8	17.5	79.0			
	8:14	8/21/06	0.1	0.2	6.5	93.2			
	2:05	8/28/06	5.3	18.7	6.7	69.3			
	11:16	9/13/06	0.6	1.7	7.4	90.3			
	11:15	9/25/06	12.6	27.8	2.1	57.5			
	8:15	10/10/06	5.3	18.7	16.6	59.4			
	8:15	10/23/06	4.7	18.7	9.0	67.6			
	14:44	11/2/06	0.3	4.2	16.0	79.5			
	13:48	11/14/06	5.0	16.2	4.8	74.0			
	11:22	11/27/06	3.5	14.2	6.4	76.0			
	12:45	12/26/06	3.9	13.2	7.6	75.4			
	13:23	1/27/07	18.0	6.8	14.7	60.5			
	9:25	2/15/07	0.3	0.6	19.5	79.7			
	9:37	2/15/07	0.3	1.2	18.8	79.7			
	11:05	2/24/07	0.4	1.2	19.3	79.1			
	9:34	3/1/07	20.0	23.6	0.4	56.0			
	9:56	3/1/07	19.0	23.4	0.2	57.4	60	5	
	11:07	3/1/07	17.0	22.6	0.3	60.1			
	12:16	3/1/07	14.5	21.4	0.2	63.9			
	13:19	3/1/07	13.5	21.8	0.2	64.5	80	6	
	13:20	3/1/07	15.0	22.6	0.3	62.1	120	9	
	14:27	3/1/07	12.5	20.8	0.5	66.2	20	2	
	8:20	3/5/07	6.0	18.2	2.1	73.7			adjust blower time, 12 on, 12 off
	8:15	3/24/07	1.1	14.2	7.9	76.9			
	17:05	3/24/07	0.8	14.2	7.6	77.4			
	17:20	3/26/07	0.2	11.4	9.3	79.1			
	7:36	3/27/07	0.2	9.8	10.8	79.2			
	17:45	3/28/07	0.5	12.0	7.7	79.8			
	8:15	3/29/07	0.4	13.2	4.2	82.2			
	17:10	3/29/07	0.4	12.6	6.3	80.7			
	8:15	3/30/07	9.0	20.6	0.3	70.1			blower off
	11:07	5/30/07	20.0	24.8	0.2	55.0	110	9	restart and run 24 hrs
	13:32	5/30/07	13.0	24.0	0.4	62.6			
	10:40	5/31/07	3.1	17.4	5.4	74.1			reduce to 12 on 12 off
	16:40	6/1/07	2.5	17.2	3.6	76.7			
	15:37	6/2/07	2.3	17.2	3.4	77.1			
	16:15	6/3/07	1.9	16.8	2.8	78.5			
	14:20	6/4/07	1.5	16.6	3.3	78.7			reduce to 6 on 18 off

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-12	14:53	6/7/07	3.9	18.2	2.2	75.8			
	17:08	6/12/07	0.3	13.8	5.6	80.3	38	3	
	14:30	6/14/07	0.8	15.4	1.9	81.9	87	7	
	14:20	6/19/07	1.1	15.6	4.8	78.5	91	7	
	14:20	6/21/07	1.5	16.8	2.7	79.0	53	4	
	14:10	7/11/07	3.9	20.2	0.5	75.5	73	6	
	13:45	7/23/07	4.5	20.8	0.3	74.5	61	5	
	14:21	8/8/07	4.9	21.6	0.1	73.5			
	14:10	8/13/07	4.1	21.6	0.0	74.4	81	6	
	13:40	8/20/07	1.1	17.0	3.3	78.6	85	7	
	14:05	8/28/07	0.5	15.0	4.7	79.8	96	8	
		8/31/07							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-1	11:31	3/20/06	61.5	37.7	0.7	0.1			pre-startup
	10:02	3/22/06	43.6	26.3	6.4	23.7			
	15:32	3/22/06	56.0	33.3	3.8	6.9			
	8:29	3/23/06	50.1	29.5	4.3	16.1			
	16:35	3/23/06	44.2	24.6	4.9	26.3			
	15:40	3/24/06	18.8	11.8	15.9	53.5			
	14:25	3/28/06	7.0	8.7	10.8	73.5			
	18:58	3/30/06	15.8	21.0	6.9	56.3	4	0	
	13:50	4/5/06	11.2	17.1	9.8	61.9			
	12:50	4/6/06	6.2	9.0	13.9	70.9			
	13:10	4/11/06	9.6	16.7	8.6	65.1			
	10:45	4/14/06	11.2	17.9	7.2	63.7	2	0	
	15:26	4/14/06	12.2	24.1	4.0	59.7	30	2	
	9:58	4/17/06	16.7	30.2	5.3	47.8			
	19:12	4/27/06	7.8	17.5	2.9	71.8	35	3	
	13:12	5/4/06	6.1	18.7	2.0	73.2			
	10:17	5/22/06	5.8	21.6	1.3	71.3			
	12:20	6/2/06	18.0	22.7	0.6	58.7	41	3	
	8:20	6/9/06	1.1	0.2	20.4	78.3			
	12:34	6/14/06	3.9	0.6	20.2	75.3			
	10:41	6/22/06	3.3	7.6	13.8	75.3			
	12:06	7/5/06	3.7	12.5	10.1	73.7			
	11:31	7/10/06	3.5	10.9	11.8	73.8			
	10:49	7/17/06	3.9	10.7	11.8	73.6			
	14:00	7/28/06	5.0	12.0	10.2	72.8			
	9:46	8/8/06	2.7	9.5	12.9	74.9			
	7:20	8/16/06	2.4	6.6	14.5	76.5			
	7:12	8/21/06	0.1	0.2	15.1	84.6			
	14:07	8/28/06	2.1	12.5	12.4	73.0			
	11:21	9/13/06	0.6	0.6	13.3	85.5			
	11:19	9/25/06	0.0	0.0	16.2	83.8			
	8:18	10/10/06	2.7	8.4	14.8	74.1			
	8:19	10/23/06	2.0	1.5	12.8	83.7			
	14:00	11/2/06	3.8	21.6	1.7	72.9			
	14:54	11/14/06	7.5	23.0	0.7	68.8			
	11:26	11/27/06	5.5	23.0	0.4	71.1			
	12:57	12/26/06	5.0	23.6	0.3	71.1			
	13:57	1/27/07	9.5	22.8	0.3	67.4			
	11:20	2/24/07	6.5	23.0	0.8	69.7			
	11:20	3/1/07	17.5	23.2	1.8	57.5			
	12:28	3/1/07	16.5	23.2	1.8	58.5	40	3	
	14:30	3/1/07	15.5	22.8	1.6	60.1			
	8:10	3/5/07	sampling port clogged with ice						adjust blower time, 12 on, 12 off
	8:10	3/24/07	15.5	23.0	1.8	59.7			
	16:55	3/24/07	14.0	22.2	2.2	61.6			
	17:10	3/26/07	11.0	21.6	2.2	65.2			
	7:28	3/27/07	10.0	22.4	1.7	65.9			
	16:27	3/28/07	11.0	22.8	1.5	64.7			
	8:04	3/29/07	11.5	23.0	1.5	64.0			
	17:00	3/29/07	11.0	22.8	1.5	64.7			
	8:04	3/30/07	13.0	24.0	1.0	62.0			blower off
	11:34	5/30/07	43.0	28.0	2.0	27.0	250	12	restart and run 24 hrs
	13:35	5/30/07	40.0	26.2	2.6	31.2			
	10:30	5/31/07	0.1	0.0	20.7	79.2			reduce to 12 on 12 off
	16:32	6/1/07	0.1	0.0	20.7	79.2			
	15:30	6/2/07	20.0	22.8	1.7	55.5			
	16:09	6/3/07	18.0	22.2	1.9	57.9			
	14:12	6/4/07	16.5	21.8	2.2	59.5			reduce to 6 on 18 off
	15:10	6/7/07	17.0	21.6	2.3	59.1			
	17:16	6/12/07	10.5	21.0	2.1	66.4	978	48	
	14:49	6/14/07	11.0	20.8	2.2	66.0	1224	60	
	14:40	6/19/07	10.5	21.0	2.2	66.3	1071	53	
	14:40	6/21/07	11.0	21.2	2.0	65.8	1014	50	
	14:30	7/11/07	11.5	21.4	2.0	65.1	1730	85	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-1	14:00	7/23/07	12.0	21.8	2.0	64.2	902	44	
	14:07	8/8/07	12.0	21.6	2.2	64.2			
	13:30	8/13/07	13.5	22.8	2.2	61.5	740	36	
	14:10	8/20/07	10.0	21.4	2.8	65.8	1425	70	
	14:25	8/28/07	8.5	20.8	2.7	68.0	972	48	
	15:55	8/31/07	5.5	18.2	4.2	72.1	1224	60	
	14:55	9/4/07	4.5	17.2	4.1	74.3	1026	50	
	13:25	9/17/07	3.2	15.4	5.1	76.4	1164	57	
	9:50	9/29/07	3.0	15.2	5.6	76.2	903	44	
	8:45	10/4/07	3.1	15.2	5.6	76.1	850	42	
	9:45	10/7/07	3.7	15.6	4.8	75.9	1045	51	
	9:50	10/18/07	6.0	17.0	3.6	73.4	1024	50	
	9:00	10/25/07	5.0	17.2	3.8	74.0	677	33	
	9:20	11/1/07	6.0	18.6	2.2	73.2	541	27	
	10:25	11/13/07	11.5	18.6	3.4	66.5	951	47	
	11:30	11/26/07	4.8	16.2	4.8	74.3	941	46	
	11:00	12/10/07	5.0	16.0	5.4	73.6	1071	53	
	11:50	12/26/07	5.5	16.6	4.3	73.6	648	32	
	10:15	1/9/08	6.0	17.0	3.7	73.3	764	37	
	12:10	1/23/08	5.0	15.8	5.2	74.0	463	23	
	9:20	2/4/08	8.0	17.4	3.3	71.3	472	23	
	7:50	2/18/08	12.0	17.6	3.8	66.6	733	36	
	7:30	3/4/08	20.0	18.0	6.0	56.0	701	34	
	8:50	3/18/08	23.0	19.8	3.9	53.3	185	9	
	14:30	5/12/08	14.5	21.0	1.5	63.0	1014	50	
	9:15	5/19/08	4.4	17.4	2.4	75.9	760	37	
	13:50	5/30/08	6.5	18.2	1.2	74.1	1045	51	
	9:20	6/12/08	3.8	19.0	2.6	74.6	823	40	
	9:20	6/25/08	9.5	21.6	0.5	68.4	827	41	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-2	11:09	3/20/06	61.9	36.8	1.0	0.3			pre-startup
	9:52	3/22/06	50.2	28.3	4.9	16.6			
	15:51	3/22/06	49.9	35.2	7.4	7.5			
	8:52	3/23/06	45.2	27.1	6.8	20.9			
	16:52	3/23/06	54.3	32.5	3.5	9.7			
	15:20	3/24/06	25.5	14.8	15.3	44.4			
	15:10	3/28/06	18.7	12.0	13.5	55.8			
	19:09	3/30/06	52.6	28.7	3.7	15.0	20	2	
	13:45	4/5/06	35.5	20.5	8.2	35.8			
	13:25	4/6/06	33.4	21.0	9.1	36.5			
	13:35	4/11/06	33.4	21.7	9.9	35.0			
	10:57	4/14/06	58.5	39.5	2.0	0.0	10	1	
	15:56	4/14/06	33.6	20.0	7.9	38.5	10	1	
	10:20	4/17/06	30.0	20.0	4.3	45.7			
	19:59	4/27/06	51.7	26.8	4.2	17.3	14	1	
	13:28	5/4/06	43.6	24.8	4.2	27.4			
	12:00	5/22/06	48.8	28.9	4.3	18.0			
	8:41	6/9/06	34.2	20.0	10.5	35.3			
	13:05	6/14/06	30.1	20.2	8.3	41.4			
	11:05	6/22/06	45.1	35.4	5.1	14.4			
	12:09	7/5/06	44.4	44.5	5.8	5.3			
	10:50	7/10/06	0.1	0.2	5.4	94.3			
	10:15	7/17/06	42.7	32.7	5.8	18.8			
	14:15	7/28/06	43.6	33.4	4.7	18.3			
	9:51	8/8/06	45.4	36.2	4.1	14.3			
	9:30	8/16/06	31.2	24.6	8.6	35.6			
	8:38	8/21/06	2.4	10.2	3.7	83.7			
	14:22	8/28/06	20.0	36.2	4.2	39.6			
	11:36	9/13/06	28.2	37.0	4.0	30.8			
	11:34	9/25/06	2.4	0.8	5.9	90.9			
	8:32	10/10/06	49.8	41.7	5.1	3.4			
	8:42	10/23/06	37.8	29.5	7.6	25.1			
	14:20	11/2/06	42.5	28.4	3.6	25.5			
	15:16	11/14/06	39.5	28.2	3.5	28.8			
	11:40	11/27/06	48.5	33.2	0.3	18.0			
	13:30	12/26/06	44.0	29.4	2.6	24.0			
	14:10	1/27/07	44.5	27.6	3.1	24.8			
	11:28	2/24/07	9.0	0.2	20.5	70.3			
	11:02	3/1/07	37.2	28.2	1.5	33.1			
	12:26	3/1/07	36.0	29.0	1.5	33.5	150	12	
	14:45	3/1/07	33.0	27.6	2.1	37.3			
	8:05	3/5/07	1.1	1.0	19.7	78.3			adjust blower time, 12 on, 12 off
	8:00	3/24/07	36.0	28.4	1.2	34.4			
	16:45	3/24/07	36.0	28.0	1.0	35.0			
	17:00	3/26/07	33.5	27.4	0.9	38.2			
	7:19	3/27/07	33.5	27.4	1.0	38.1			
	16:35	3/28/07	36.0	28.2	0.9	34.9			
	7:50	3/29/07	36.5	28.6	0.8	34.1			
	16:52	3/29/07	35.5	28.2	0.7	35.6			
	7:56	3/30/07	11.5	11.0	11.5	66.0			blower off
	11:45	5/30/07	44.5	27.4	1.9	26.2	310	15	restart and run 24 hrs
	13:45	5/30/07	46.0	28.2	1.5	24.3			
	10:20	5/31/07	40.0	26.0	1.3	32.7			reduce to 12 on 12 off
	16:25	6/1/07	40.5	25.4	1.4	32.7			
	15:20	6/2/07	40.5	25.4	1.2	32.9			
	16:00	6/3/07	39.5	25.2	1.4	33.9			
	14:04	6/4/07	39.5	25.2	1.5	33.8			reduce to 6 on 18 off
	14:43	6/7/07	39.5	25.0	1.4	34.1			
	16:46	6/12/07	40.5	25.6	1.2	32.7	1552	76	
	14:20	6/14/07	40.5	25.4	1.2	32.9	1035	51	
	13:55	6/19/07	39.5	25.8	1.2	33.5	854	42	
	14:00	6/21/07	39.5	25.4	1.5	33.6	1053	52	
	13:50	7/11/07	38.0	25.8	1.5	34.7	785	39	
	13:30	7/23/07	38.5	26.6	1.4	33.5	1024	50	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-2	14:17	8/8/07	38.5	27.8	1.2	32.5			
	14:00	8/13/07	38.5	28.2	1.5	31.8	1077	53	
	13:20	8/20/07	34.5	25.2	3.1	37.2	852	42	
	13:45	8/28/07	36.5	27.8	1.3	34.4	1921	94	
	15:30	8/31/07	30.0	26.0	2.5	41.5	2198	108	
	14:25	9/4/07	26.0	26.0	2.0	46.0	1294	63	
	12:55	9/17/07	17.5	23.6	3.2	55.7	972	48	
	9:15	9/29/07	17.5	23.8	2.9	55.8	1378	68	
	8:15	10/4/07	18.5	25.0	1.8	54.7	626	31	
	9:15	10/7/07	19.0	25.2	1.7	54.1	844	41	
	9:30	10/18/07	17.5	21.4	4.2	56.9	1049	51	
	8:35	10/25/07	23.0	25.2	2.3	49.5	835	41	
	8:50	11/1/07	26.5	27.0	1.0	45.5	742	36	
	9:55	11/13/07	28.0	25.8	1.8	44.4	1094	54	
	11:05	11/26/07	27.0	25.4	2.0	45.6	702	34	
	10:30	12/10/07	26.0	25.8	2.1	46.1	555	27	
	11:15	12/26/07	26.0	25.0	2.0	47.0	872	43	
	9:40	1/9/08	24.5	21.6	4.7	49.2	728	36	
	11:58	1/23/08	19.0	18.2	7.4	55.4	1321	65	
	8:50	2/4/08	17.0	15.4	9.4	58.2	1158	57	
	7:20	2/18/08	25.5	20.4	6.3	47.8	654	32	
	7:15	3/4/08	30.5	21.2	7.1	41.2	1291	63	
	8:25	3/18/08	32.5	22.6	5.5	39.4	913	45	
	13:45	5/12/08	43.0	25.8	2.5	28.7	571	28	
	8:45	5/19/08	41.0	26.0	2.0	31.0	646	32	
	13:20	5/30/08	31.0	23.6	3.2	42.2	1123	55	
	8:35	6/12/08	35.5	20.0	1.3	43.2	1524	75	
	8:45	6/25/08	33.0	24.8	3.6	38.6	774	38	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-3	11:31	3/20/06	62.3	36.3	0.5	0.9			pre-startup
	10:06	3/22/06	55.9	33.2	3.5	7.4			
	8:37	3/23/06	53.5	30.5	3.4	12.6			
	16:30	3/23/06	59.9	30.5	2.0	7.6			
	14:30	3/24/06	8.6	6.7	17.0	67.7			
	14:45	3/28/06	21.1	14.8	12.0	52.1			
	19:21	3/30/06	51.2	30.4	1.6	16.8	73	6	
	13:35	4/5/06	30.7	22.2	6.6	40.5			
	13:05	4/6/06	19.0	14.9	11.9	54.2			
	13:20	4/11/06	36.9	26.6	3.5	33.0			
	10:49	4/14/06	38.2	27.8	1.0	33.0	20	2	
	15:30	4/14/06	37.7	28.8	1.2	32.3	30	2	
	10:10	4/17/06	10.5	0.6	0.8	88.1			
	19:38	4/27/06	27.6	23.6	0.5	48.3	37	3	
	13:20	5/4/06	0.0	0.0	8.8	91.2			
	10:25	5/22/06	9.6	15.7	8.9	65.8			
	14:41	6/2/06	0.6	0.1	20.4	78.9			
	8:29	6/9/06	22.5	31.2	4.0	42.3			
	12:42	6/14/06	20.5	15.6	3.2	60.7			
	10:51	6/22/06	13.1	28.7	3.5	54.7			
	12:23	7/5/06	13.0	29.6	1.9	55.5			
	11:38	7/10/06	0.0	0.0	1.7	98.3			
	10:17	7/17/06	11.9	28.3	1.8	58.0			
	14:09	7/28/06	16.3	28.7	1.5	53.5			
	10:02	8/8/06	11.4	28.8	1.5	58.3			
	9:10	8/16/06	11.9	28.4	1.4	58.3			
	8:27	8/21/06	2.4	5.8	1.8	90.0			
	14:14	8/28/06	12.1	10.2	1.4	76.3			
	11:26	9/13/06	6.8	11.8	1.7	79.7			
	11:25	9/25/06	10.1	0.4	1.9	87.6			
	8:25	10/10/06	10.8	29.6	2.7	56.9			
	8:26	10/23/06	10.9	29.4	3.9	55.8			
	14:12	11/2/06	9.5	23.4	0.4	66.7			
	15:09	11/14/06	2.5	0.0	20.0	77.5			
	12:00	11/27/06	0.3	1.2	18.9	79.7			
	13:10	12/26/06	13.5	21.2	3.3	62.0			
	14:20	1/27/07	13.0	21.4	1.9	63.7			
	11:40	2/24/07	4.3	0.2	19.7	75.9			
	11:22	3/1/07	12.0	19.6	4.1	64.3			
	12:30	3/1/07	11.5	19.2	4.2	65.1	290	23	
	14:32	3/1/07	11.5	18.8	4.1	65.6			
	7:50	3/5/07	0.3	0.0	20.3	79.5			adjust blower time, 12 on, 12 off
	7:50	3/24/07	15.0	19.2	4.1	61.7			
	16:34	3/24/07	14.5	19.2	4.0	62.3			
	16:48	3/26/07	12.5	18.6	3.6	65.3			
	7:09	3/27/07	12.0	19.2	3.5	65.3			
	16:45	3/28/07	13.0	19.8	3.6	63.6			
	7:40	3/29/07	12.0	19.2	3.7	65.1			
	16:43	3/29/07	12.0	19.2	3.8	65.0			
	7:45	3/30/07	7.0	12.6	8.0	72.4			blower off
	11:30	5/30/07	29.0	22.8	3.0	45.2	1400	109	restart and run 24 hrs
	13:52	5/30/07	30.5	22.8	3.2	43.5			
	10:10	5/31/07	23.5	21.2	2.9	52.4			reduce to 12 on 12 off
	16:10	6/1/07	21.5	20.8	2.8	54.9			
	15:13	6/2/07	20.0	19.4	3.6	57.0			
	15:44	6/3/07	19.0	20.2	2.8	58.0			
	13:45	6/4/07	18.0	19.8	3.0	59.2			reduce to 6 on 18 off
	14:27	6/7/07	23.0	22.2	2.8	52.0			
	16:15	6/12/07	14.0	19.4	3.1	63.5	866	68	
	13:58	6/14/07	14.5	19.2	3.1	63.2	1265	99	
	13:35	6/19/07	14.5	19.6	3.0	62.9	1044	82	
	13:40	6/21/07	14.0	19.2	3.2	63.6	1146	90	
	13:20	7/11/07	14.0	19.2	3.3	63.5	858	67	
	13:10	7/23/07	13.0	19.0	3.4	64.6	1033	81	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-3	14:04	8/8/07	13.0	19.4	3.4	64.2			
	13:50	8/13/07	14.0	21.6	2.1	62.3	1315	103	
	13:10	8/20/07	11.8	19.8	2.7	65.7	945	74	
	13:35	8/28/07	11.5	19.2	2.8	66.5	1378	108	
	15:20	8/31/07	8.5	18.0	3.5	70.0	1283	100	
	14:15	9/4/07	7.0	17.0	3.9	72.1	1412	110	
	12:45	9/17/07	5.5	15.8	4.7	74.0	1198	94	
	9:05	9/29/07	5.0	16.2	4.6	74.2	1181	92	
	8:05	10/4/07	5.5	16.0	4.6	73.9	1140	89	
	9:05	10/7/07	6.0	16.4	4.2	73.4	1049	82	
	9:20	10/18/07	7.5	16.8	3.6	72.1	1768	138	
	8:25	10/25/07	6.5	16.6	4.2	72.7	997	78	
	8:40	11/1/07	7.5	16.8	4.3	71.4	957	75	
	9:45	11/13/07	11.5	16.2	5.5	66.8	1272	99	
	10:55	11/26/07	7.0	14.4	6.4	72.2	1154	90	
	10:20	12/10/07	7.0	14.6	6.8	71.6	1008	79	
	11:05	12/26/07	7.5	14.4	6.4	71.7	1279	100	
	9:30	1/9/08	8.5	14.6	6.6	70.3	684	53	
	11:50	1/23/08	7.5	14.4	7.3	70.8	782	61	
	8:40	2/4/08	10.0	15.6	6.1	68.3	652	51	
	7:10	2/18/08	12.5	15.4	6.8	65.3	1033	81	
	7:40	3/4/08	17.5	17.8	7.5	57.2	768	60	
	8:15	3/18/08	20.0	17.6	6.2	56.2	980	77	
	13:35	5/12/08	20.0	19.6	4.5	55.9	1081	84	
	8:45	5/19/08	11.5	16.6	5.6	66.3	1503	117	
	13:10	5/30/08	10.0	16.2	5.1	68.7	1773	139	
	8:25	6/12/08	9.5	17.4	5.2	67.9	802	63	
	8:35	6/25/08	14.5	19.8	4.3	61.4	1419	111	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
Monitoring Points									
GP-1	11:03	3/20/06	**18.8**	8.1	0.4	72.7			pre-startup
	15:25	3/22/06	**17.9**	8.0	0.4	73.7			
	14:10	3/23/06	**21.4**	11.5	0.2	66.9			
	14:00	3/30/06	0.8	2.4	15.0	81.8			
	13:45	4/6/06	0.6	1.5	16.8	81.1			
	13:40	4/11/06	1.2	0.8	19.3	78.7			
	11:33	4/14/06	0.0	1.9	14.7	83.4			
	10:28	4/17/06	3.8	4.8	16.8	74.6			
	7:15	4/28/06	2.5	3.2	18.1	76.2			
	13:30	5/4/06	0.0	3.4	13.9	82.7			
	10:45	5/22/06	0.1	1.2	19.3	79.4			
	12:23	6/2/06	0.1	3.5	12.1	84.3			
	8:02	6/9/06	2.6	2.0	19.8	75.6			
	12:49	6/14/06	1.1	3.9	15.4	79.6			
	11:10	6/22/06	0.7	1.0	18.1	80.2			
	11:47	7/5/06	0.6	2.4	14.9	82.1			
	11:15	7/10/06	0.7	4.5	14.1	80.7			
	10:35	7/17/06	0.8	2.9	15.8	80.5			
	13:42	7/28/06	2.0	1.7	12.2	84.1			
	10:19	8/8/06	4.4	8.5	12.9	74.2			
	8:20	8/16/06	1.4	3.6	15.5	79.5			
	8:05	8/21/06	0.5	0.6	13.0	85.9			
	13:52	8/28/06	3.4	7.6	11.2	77.8			
	11:09	9/13/06	4.6	0.1	12.5	82.8			
	10:28	9/25/06	0.0	0.0	10.7	89.3			
	8:05	10/10/06	0.7	2.3	17.6	79.4			
	8:07	10/23/06	0.7	2.7	19.0	77.6			
	14:35	11/2/06	0.3	2.6	17.6	79.5			
	13:35	11/14/06	0.2	2.6	15.9	81.3			
	11:08	11/27/06	0.2	0.4	19.3	80.2			
	12:20	12/26/06	0.1	3.6	12.3	84.1			
	13:13	1/27/07	0.5	2.8	14.6	82.2			
	10:50	2/24/07	0.4	0.0	20.4	79.3			
	17:29	3/28/07	0.3	2.4	14.6	82.8			
	10:25	5/1/07	0.2	2.2	12.6	85.1			
	10:27	5/1/07	0.1	1.2	16.1	82.6			
	12:00	5/30/07	2.0	7.2	7.1	83.7			
	16:35	6/6/07	**11.0**	10.6	0.8	77.6			
	14:48	6/7/07	**6.0**	7.6	5.7	80.7			
	16:59	6/12/07	1.1	6.0	9.4	83.5			
	14:25	6/14/07	**7.0**	10.4	2.1	80.5			
	14:15	6/19/07	3.5	6.6	9.7	80.3			
	14:10	6/21/07	0.4	6.0	10.1	83.5			
	14:00	7/11/07	4.0	8.4	8.3	79.3			
	14:35	7/23/07	**8.5**	13.8	2.0	75.7			
	14:25	8/8/07	**9.5**	14.8	2.4	73.3			
	11:45	8/13/07	**6.5**	12.4	5.6	75.5			
	13:30	8/20/07	**5.5**	10.8	9.2	74.5			
	13:55	8/28/07	**12.0**	15.8	2.2	70.0			
	15:40	8/31/07	**9.5**	14.0	4.2	72.3			
	14:35	9/4/07	**8.0**	13.6	4.4	74.0			
	13:05	9/17/07	0.2	6.0	12.0	81.8			
	9:25	9/29/07	0.2	4.6	13.9	81.4			
	8:25	10/4/07	0.4	2.8	17.1	79.7			
	9:25	10/7/07	0.6	3.4	15.3	80.7			
	10:15	10/18/07	**6.5**	12.2	4.2	77.1			
	8:45	10/25/07	0.1	3.6	15.5	80.8			
	9:00	11/1/07	0.1	5.4	13.8	80.7			
	9:40	11/13/07	0.2	3.8	13.7	82.4			
	11:10	11/26/07	0.3	1.2	19.3	79.3			
	10:40	12/10/07	0.4	1.2	19.4	79.0			
	11:25	12/26/07	0.3	1.4	18.6	79.8			
	13:00	1/23/08	0.3	2.8	13.9	83.0			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-1	9:55	1/9/08	0.4	1.0	17.7	81.0			
	13:00	1/23/08	0.3	2.8	13.9	83.0			
	9:00	2/4/08	0.1	2.2	14.6	83.1			
	7:30	2/18/08	0.2	2.0	14.8	83.0			
	7:10	3/4/08	0.1	1.2	19.1	79.6			
	8:05	3/18/08	0.1	0.4	19.5	80.0			
	14:00	5/12/08	0.0	4.8	3.5	91.7			
	8:55	5/19/08	0.1	5.8	4.5	89.7			
	13:30	5/30/08	7.0	7.8	0.8	84.4			
	8:55	6/12/08	0.0	2.2	17.0	80.8			
	8:55	6/25/08	10.5	10.0	0.0	79.5			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-2	9:00	3/22/06	**29.5**	27.8	0.5	42.2			pre-startup
	14:40	3/23/06	**29.1**	24.5	0.8	45.6			
	14:20	3/30/06	**11.5**	13.1	10.7	64.7			
	14:05	4/6/06	**10.3**	12.6	10.2	66.9			
	14:15	4/11/06	**5.4**	5.7	15.3	73.6			
	11:56	4/14/06	**6.8**	12.1	8.7	72.4			
	11:00	4/17/06	0.0	0.0	20.7	79.3			
	9:55	4/28/06	0.0	0.1	20.7	79.2			
	14:15	5/4/06	1.5	18.9	3.0	76.6			
	11:15	5/22/06	0.0	0.0	20.5	79.5			
	12:49	6/2/06	1.0	0.1	19.7	79.2			
	9:00	6/9/06	1.9	0.5	20.4	77.2			
	13:20	6/14/06	4.8	1.0	20.1	74.1			
	10:00	6/22/06	0.6	0.2	20.4	78.8			
	12:34	7/5/06	0.7	1.5	19.9	77.9			
	11:48	7/10/06	0.7	0.8	19.6	78.9			
	11:15	7/17/06	0.7	1.2	18.8	79.3			
	13:05	7/28/06	0.5	0.7	19.1	79.7			
	10:50	8/8/06	0.6	0.2	19.6	79.6			
	7:53	8/16/06	0.1	0.0	19.9	80.0			
	7:40	8/21/06	0.5	0.1	20.4	79.0			
	13:40	8/28/06	0.0	0.0	20.2	79.8			
	10:50	9/13/06	0.1	0.1	20.2	79.6			
	10:10	9/25/06	0.6	9.5	13.7	76.2			
	7:45	10/10/06	0.7	1.8	19.8	77.7			
	7:46	10/23/06	0.7	3.9	18.0	77.4			
	13:24	11/2/06	0.5	0.3	17.6	81.6			
	12:38	11/14/06	0.1	5.2	15.7	79.1			
	10:51	11/27/06	0.1	0.6	20.0	79.3			
	13:55	12/26/06	0.3	6.2	14.5	79.1			
	12:25	1/27/07	0.3	1.6	19.1	79.1			
	12:15	2/24/07	0.3	3.6	16.5	79.7			
	16:05	3/28/07	0.2	2.4	18.0	79.5			
	11:07	5/1/07	0.0	3.8	15.2	81.0			
	12:17	5/30/07	0.0	1.2	18.5	80.3			
	13:20	6/19/07	0.1	7.6	11.5	80.9			
	11:20	8/13/07	0.0	0.4	20.5	79.1			
	10:54	10/18/07	0.1	1.0	18.8	80.1			
	13:10	1/23/08	0.4	1.2	20.2	78.2			
	7:45	6/12/08	0.0	2.2	18.6	79.2			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-3	7:49	3/22/06	1.4	1.9	19.9	76.8			pre-startup
	12:57	3/23/06	0.6	1.2	19.3	78.9			
	15:20	3/23/06	2.2	4.5	16.4	76.9			
	14:35	3/30/06	2.1	7.6	11.5	78.8			
	14:30	4/6/06	1.6	11.8	7.2	79.4			
	14:40	4/11/06	0.4	4.0	15.6	80.0			
	12:11	4/14/06	0.0	1.5	18.1	80.4			
	11:20	4/17/06	1.4	0.2	20.7	77.7			
	10:50	4/28/06	0.4	0.1	20.7	78.8			
	15:00	5/4/06	0.0	0.0	20.4	79.6			
	11:38	5/22/06	0.2	0.0	2.5	97.3			
	13:18	6/2/06	0.2	0.0	20.2	79.6			
	9:09	6/9/06	0.8	0.1	20.5	78.6			
	13:45	6/14/06	1.1	0.1	20.4	78.4			
	11:25	6/22/06	0.7	0.0	20.1	79.2			
	11:19	7/5/06	0.6	0.0	20.0	79.4			
	10:37	7/10/06	0.6	0.0	19.6	79.8			
	0:57	7/17/06	0.1	0.0	19.0	80.9			
	12:25	7/28/06	0.6	0.0	19.7	79.7			
	11:32	8/8/06	0.6	0.0	19.6	79.8			
	7:35	8/16/06	0.5	0.0	20.0	79.5			
	7:24	8/21/06	0.0	0.0	20.3	79.7			
	13:26	8/28/06	0.1	0.0	19.9	80.0			
	10:31	9/13/06	0.0	0.3	20.3	79.4			
	9:56	9/25/06	0.6	3.0	17.6	78.8			
	7:20	10/10/06	0.5	0.9	19.8	78.8			
	7:36	10/23/06	0.1	0.0	20.6	79.3			
	13:10	11/2/06	0.5	0.4	20.8	78.3			
	13:00	11/14/06	0.1	4.2	16.1	79.6			
	10:39	11/27/06	0.1	0.4	19.4	80.2			
	13:58	12/26/06	0.3	0.2	20.0	79.6			
	12:00	1/27/07	0.1	0.0	19.6	80.4			
	12:30	2/24/07	0.3	4.6	14.7	80.4			
	15:32	3/28/07	0.1	0.0	19.9	80.0			
	10:57	5/1/07	0.1	2.6	16.5	80.8			
	12:33	5/30/07	0.0	0.4	18.9	80.7			
	13:30	6/19/07	0.0	0.0	20.9	79.1			
	11:00	8/13/07	0.0	0.0	20.9	79.1			
	10:00	10/18/07	0.1	4.0	15.7	80.2			
	13:55	1/23/08	0.4	0.8	20.6	78.3			
	7:05	6/12/08	0.0	0.0	20.9	79.1			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-4	9:11	3/22/06	0.0	1.4	20.4	78.2			pre-startup
	15:35	3/23/06	0.0	0.8	19.8	79.4			
	15:40	3/30/06	0.5	0.8	21.8	76.9			
	14:40	4/6/06	0.8	1.3	18.9	79.0			
	14:35	4/11/06	0.2	0.9	19.2	79.7			
	12:18	4/14/06	0.0	1.3	18.1	80.6			
	11:35	4/17/06	1.3	0.8	20.4	77.5			
	10:40	4/28/06	0.0	0.5	20.2	79.3			
	15:10	5/4/06	1.3	0.6	13.2	84.9			
	11:50	5/22/06	0.1	0.2	20.4	79.3			
	13:10	6/2/06	0.2	0.8	19.1	79.9			
	9:12	6/9/06	3.4	1.2	20.2	75.2			
	14:00	6/14/06	0.0	0.0	19.9	80.1			
	10:39	6/22/06	**6.0**	18.8	6.4	68.8			
	11:26	7/5/06	0.6	0.6	20.0	78.8			
	10:43	7/10/06	0.4	3.8	19.9	75.9			
	10:08	7/17/06	0.9	0.6	19.6	78.9			
	12:34	7/28/06	0.6	0.4	19.6	79.4			
	9:21	8/8/06	0.6	0.3	19.7	79.4			
	7:42	8/16/06	0.5	0.7	19.9	78.9			
	7:28	8/21/06	0.4	0.5	20.0	79.1			
	13:31	8/28/06	0.5	0.5	20.1	78.9			
	10:35	9/13/06	0.7	0.6	20.2	78.5			
	9:59	9/25/06	0.1	0.2	19.1	80.6			
	7:24	10/10/06	0.6	0.5	20.3	78.6			
	7:40	10/23/06	0.4	0.0	20.4	79.2			
	13:17	11/2/06	0.5	0.2	21.0	78.3			
	13:11	11/14/06	0.2	1.4	19.0	79.5			
	10:42	11/27/06	0.1	0.6	19.7	79.7			
	14:04	12/26/06	0.3	0.8	19.6	79.4			
	12:09	1/27/07	0.1	0.4	19.6	79.9			
	12:38	2/24/07	0.4	1.0	19.4	79.3			
	15:40	3/28/07	0.1	0.2	19.8	79.9			
	10:50	5/1/07	0.0	1.2	18.2	80.6			
	12:37	5/30/07	0.0	1.8	17.5	80.7			
	13:40	6/19/07	0.0	0.8	20.0	79.2			
	11:05	8/13/07	0.0	0.6	20.6	78.8			
	10:10	10/18/07	0.1	1.2	17.9	80.8			
	13:25	1/23/08	0.3	0.4	20.9	78.4			
	7:25	6/12/08	0.0	0.2	20.9	78.9			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-5	9:13	3/22/06	0.0	4.4	17.6	78.0			pre-startup
	14:15	3/23/06	0.0	4.2	17.6	78.2			
	14:05	3/30/06	1.2	2.5	18.8	77.5			
	13:40	4/6/06	1.1	3.0	17.9	78.0			
	13:45	4/11/06	0.7	2.7	17.5	79.1			
	12:50	4/14/06	0.1	3.5	15.4	81.0			
	10:30	4/17/06	0.0	3.6	16.2	80.2			
	10:35	4/28/06	2.2	7.0	13.0	77.8			
	10:40	5/22/06	1.5	8.5	11.2	78.8			
	12:25	6/2/06	0.1	7.2	9.4	83.3			
	8:45	6/9/06	0.1	0.3	10.5	89.1			
	12:18	6/14/06	0.1	0.0	9.1	90.8			
	11:18	6/22/06	0.7	10.7	10.5	78.1			
	11:51	7/5/06	0.6	11.9	11.1	76.4			
	11:17	7/10/06	0.7	12.0	10.1	77.2			
	10:22	7/17/06	0.8	11.9	11.1	76.2			
	8:24	7/28/06	0.6	10.1	11.5	77.8			
	10:16	8/8/06	0.6	11.8	10.1	77.5			
	8:35	8/16/06	0.8	10.0	10.5	78.7			
	8:02	8/21/06	0.5	0.8	10.9	87.8			
	13:54	8/28/06	0.6	11.3	13.3	74.8			
	11:07	9/13/06	0.1	0.0	13.4	86.5			
	10:26	9/25/06	0.0	0.0	13.4	86.6			
	8:52	10/10/06	0.7	8.9	14.4	76.0			
	8:00	10/23/06	0.3	1.4	15.5	82.8			
	14:37	11/2/06	0.3	7.2	14.0	78.5			
	13:25	11/14/06	0.2	6.0	14.9	78.9			
	11:10	11/27/06	0.2	5.2	15.7	79.0			
	12:35	12/26/06	0.1	4.8	15.7	79.5			
	13:09	1/27/07	0.4	5.4	15.8	78.4			
	10:55	2/24/07	0.4	4.2	17.3	78.2			
	17:30	3/28/07	0.3	3.4	16.6	79.8			
	10:22	5/1/07	0.1	3.4	14.0	82.5			
	12:40	5/30/07	0.0	6.4	9.9	83.7			
	16:25	6/19/07	0.0	7.4	12.1	80.5			
	11:39	8/13/07	0.0	8.4	11.8	79.8			
	10:20	10/18/07	0.1	9.6	9.4	80.9			
	13:12	1/23/08	0.3	5.6	15.7	78.4			
	9:00	6/12/08	0.0	6.0	9.7	84.3			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-6	7:45	3/22/06	0.0	6.1	13.9	80.0			pre-startup
	15:55	3/23/06	0.0	4.9	16.3	78.8			
	15:15	3/30/06	0.0	1.7	18.3	80.0			
	14:25	4/6/06	0.0	2.8	16.9	80.3			
	14:30	4/11/06	0.7	2.8	17.3	79.2			
	12:04	4/14/06	0.0	3.8	14.6	81.6			
	11:15	4/17/06	**10.4**	2.3	17.6	69.7			
	10:30	4/28/06	0.0	2.5	18.3	79.2			
	14:30	5/4/06	0.0	2.7	17.9	79.4			
	11:30	5/22/06	3.8	3.9	18.1	74.2			
	13:04	6/2/06	0.2	2.4	17.2	80.2			
	9:25	6/9/06	0.1	0.8	17.7	81.4			
	14:10	6/14/06	1.3	3.3	16.8	78.6			
	9:50	6/22/06	0.5	3.1	17.3	79.1			
	11:13	7/5/06	0.5	3.6	17.1	78.8			
	10:34	7/10/06	0.6	3.9	16.7	78.8			
	9:58	7/17/06	0.1	0.6	16.8	82.5			
	12:10	7/28/06	0.6	3.6	16.5	79.3			
	9:05	8/8/06	0.6	3.5	17.0	78.9			
	7:29	8/16/06	0.1	0.0	17.2	82.7			
	7:18	8/21/06	0.5	3.6	18.1	77.8			
	13:21	8/28/06	0.0	0.0	18.1	81.9			
	10:20	9/13/06	0.6	1.0	19.1	79.3			
	11:05	9/25/06	0.7	2.6	18.5	78.2			
	7:30	10/10/06	0.8	2.3	19.7	77.2			
	7:34	10/23/06	0.9	2.4	14.4	82.3			
	13:05	11/2/06	2.4	0.8	19.7	77.1			
	13:14	11/14/06	0.2	3.0	17.9	78.9			
	10:35	11/27/06	0.1	0.6	19.6	79.8			
	14:20	12/26/06	0.3	3.0	18.0	78.7			
	13:45	1/27/07	0.2	3.4	17.0	79.5			
	12:45	2/24/07	0.4	3.0	18.1	78.5			
	16:00	3/28/07	0.2	2.4	18.0	79.5			
	10:45	5/1/07	0.1	3.0	16.4	80.5			
	12:23	5/30/07	0.0	3.2	15.8	81.0			
	16:15	6/19/07	0.0	2.4	17.8	79.8			
	10:54	8/13/07	0.1	2.6	18.5	78.9			
	11:14	10/18/07	0.1	3.4	16.4	80.1			
	11:28	1/23/08	0.0	3.0	18.0	79.0			
	6:55	6/12/08	0.0	2.6	17.8	79.6			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-7	7:40	3/22/06	1.0	7.0	13.0	79.0			pre-startup
	15:50	3/23/06	0.1	5.0	14.7	80.2			
	15:00	3/30/06	7.1	4.6	18.2	70.1			
	14:20	4/6/06	0.1	2.3	17.0	80.6			
	14:25	4/11/06	0.2	3.2	16.3	80.3			
	12:07	4/14/06	0.1	5.2	11.8	82.9			
	10:15	4/17/06	10.5	1.3	18.5	69.7			
	10:25	4/28/06	0.0	1.7	19.2	79.1			
	14:25	5/4/06	1.2	2.2	18.8	77.8			
	11:22	5/22/06	0.0	1.0	19.5	79.5			
	13:00	6/2/06	0.2	1.6	18.5	79.7			
	9:20	6/9/06	3.7	2.4	20.0	73.9			
	14:05	6/14/06	3.1	2.5	19.2	75.2			
	9:45	6/22/06	0.5	1.7	19.1	78.7			
	11:10	7/5/06	0.5	1.5	19.3	78.7			
	10:30	7/10/06	0.0	0.0	18.6	81.4			
	9:55	7/17/06	0.1	0.0	18.5	81.4			
	12:05	7/28/06	0.0	3.7	18.5	77.8			
	9:00	8/8/06	0.6	1.3	19.0	79.1			
	7:25	8/16/06	0.5	1.5	19.2	78.8			
	7:16	8/21/06	0.5	1.4	19.8	78.3			
	13:19	8/28/06	0.4	1.2	19.5	78.9			
	10:19	9/13/06	0.6	1.3	19.9	78.2			
	11:03	9/25/06	1.8	2.2	17.7	78.3			
	7:28	10/10/06	0.7	1.4	19.5	78.4			
	7:32	10/23/06	3.0	2.8	19.0	75.2			
	13:00	11/2/06	0.5	1.6	19.8	78.1			
	13:18	11/14/06	0.2	3.2	17.2	79.4			
	10:30	11/27/06	0.0	1.2	19.0	79.8			
	14:15	12/26/06	0.3	2.6	18.0	79.1			
	13:40	1/27/07	0.1	3.4	16.7	79.9			
	12:40	2/24/07	0.4	3.2	17.2	79.2			
	15:55	3/28/07	0.1	1.2	18.9	79.8			
	10:43	5/1/07	0.1	3.6	15.1	81.2			
	12:26	5/30/07	0.0	3.6	15.6	80.8			
	16:20	6/19/07	0.0	2.6	17.5	79.9			
	10:50	8/13/07	0.1	1.4	19.3	79.3			
	11:10	10/18/07	0.1	3.6	15.5	80.8			
	11:24	1/23/08	0.0	3.2	17.6	79.2			
	10:48	6/12/08	0.0	1.4	18.4	80.2			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-8	9:03	3/22/06	0.0	2.4	18.6	79.0			pre-startup
	14:50	3/23/06	0.0	1.9	18.6	79.5			
	14:55	3/30/06	3.0	7.2	14.8	75.0			
	14:10	4/6/06	0.0	7.0	10.9	82.1			
	14:20	4/11/06	0.0	4.8	13.6	81.6			
	12:25	4/14/06	0.0	5.4	12.2	82.4			
	11:10	4/17/06	0.0	0.1	20.7	79.2			
	10:00	4/28/06	0.0	0.2	20.4	79.4			
	14:20	5/4/06	0.0	0.2	19.3	80.5			
	11:18	5/22/06	0.6	0.1	20.4	78.9			
	12:55	6/2/06	0.2	0.7	19.3	79.8			
	9:03	6/9/06	2.4	0.6	20.3	76.7			
	13:37	6/14/06	4.0	1.6	19.6	74.8			
	9:55	6/22/06	0.5	0.5	19.8	79.2			
	12:27	7/5/06	1.6	0.9	19.6	77.9			
	11:45	7/10/06	0.7	1.2	19.2	78.9			
	11:10	7/17/06	0.6	2.3	17.7	79.4			
	12:45	7/28/06	0.6	0.8	19.0	79.6			
	10:58	8/8/06	**17.8**	1.3	19.1	61.8			
	7:47	8/16/06	0.1	0.2	19.5	80.2			
	7:33	8/21/06	0.8	1.3	19.6	78.3			
	13:35	8/28/06	0.0	0.0	19.1	80.9			
	10:47	9/13/06	0.0	0.0	20.1	79.9			
	10:06	9/25/06	0.0	0.0	17.5	82.5			
	7:26	10/10/06	0.1	0.0	19.3	80.6			
	7:44	10/23/06	0.7	1.4	19.6	78.3			
	13:20	11/2/06	3.7	0.3	20.5	75.5			
	13:04	11/14/06	0.1	4.2	15.1	80.6			
	10:45	11/27/06	0.1	0.6	19.4	79.9			
	14:09	12/26/06	0.3	0.8	19.2	79.7			
	12:15	1/27/07	0.2	0.0	19.7	80.1			
	12:20	2/24/07	0.3	5.2	12.8	81.8			
	15:47	3/28/07	0.1	0.6	19.6	79.7			
	11:00	5/1/07	0.0	8.5	7.6	83.9			
	12:20	5/30/07	0.0	3.4	15.2	81.4			
	13:25	6/19/07	0.0	0.6	20.2	79.2			
	11:10	8/13/07	0.0	1.0	19.8	79.2			
	11:05	10/18/07	0.1	6.0	11.5	82.4			
	11:38	1/23/08	0.1	1.0	19.2	79.8			
	7:35	6/12/08	0.0	0.6	20.7	78.7			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-10	8:58	3/22/06	0.0	4.5	15.4	80.1			pre-startup
	14:42	3/23/06	0.0	4.3	15.5	80.2			
	14:50	3/30/06	0.0	1.6	18.7	79.7			
	14:15	4/6/06	0.0	2.3	17.1	80.6			
	13:55	4/11/06	0.0	1.5	18.3	80.2			
	11:54	4/14/06	0.0	1.9	17.4	80.7			
	10:50	4/17/06	0.0	3.0	16.5	80.5			
	9:50	4/28/06	0.0	3.6	15.0	81.4			
	14:00	5/4/06	0.0	3.4	15.4	81.2			
	11:04	5/22/06	0.0	1.3	19.0	79.7			
	12:45	6/2/06	0.1	1.8	17.6	80.5			
	8:55	6/9/06	0.7	0.9	19.6	78.8			
	13:15	6/14/06	0.0	0.0	17.7	82.3			
	10:05	6/22/06	0.6	0.8	19.9	78.7			
	12:38	7/5/06	0.6	5.3	14.9	79.2			
	11:50	7/10/06	0.6	5.5	14.6	79.3			
	11:19	7/17/06	0.6	1.4	19.4	78.6			
	13:09	7/28/06	0.6	1.0	19.2	79.2			
	11:11	8/8/06	0.6	4.7	14.7	80.0			
	7:58	8/16/06	0.1	0.2	16.4	83.3			
	7:44	8/21/06	0.4	3.5	17.3	78.8			
	13:42	8/28/06	0.0	0.0	17.7	82.3			
	10:53	9/13/06	0.6	2.4	18.6	78.4			
	10:12	9/25/06	0.7	5.5	16.0	77.8			
	7:48	10/10/06	0.7	5.3	19.2	74.8			
	7:48	10/23/06	0.6	5.0	17.5	76.9			
	13:31	11/2/06	0.6	4.3	17.3	77.8			
	12:35	11/14/06	0.1	4.2	16.3	79.5			
	10:55	11/27/06	0.1	4.0	16.8	79.1			
	13:50	12/26/06	0.3	4.2	16.7	78.9			
	12:35	1/27/07	0.3	4.0	17.2	78.5			
	12:10	2/24/07	sampling port clogged with ice						
	16:10	3/28/07	0.2	3.2	17.5	79.2			
	11:10	5/1/07	0.0	3.8	15.7	80.5			
	12:15	5/30/07	0.0	3.4	16.0	80.6			
	13:15	6/19/07	0.1	1.8	18.7	79.5			
	11:24	8/13/07	0.0	1.0	19.4	79.6			
	10:50	10/18/07	0.1	2.4	16.9	80.6			
	14:20	1/23/08	0.4	2.8	18.8	78.0			
	7:55	6/12/08	0.0	4.0	16.0	80.0			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-11	9:09	3/22/06	0.0	3.5	17.6	78.9			pre-startup
	14:27	3/23/06	0.0	3.4	17.6	79.0			
	14:40	3/30/06	0.0	0.8	19.7	79.5			
	13:55	4/6/06	0.0	1.7	18.0	80.3			
	14:00	4/11/06	0.0	0.7	19.8	79.5			
	11:43	4/14/06	0.0	0.5	18.9	80.6			
	10:55	4/17/06	0.3	0.1	20.4	79.2			
	7:30	4/28/06	0.0	0.7	20.2	79.1			
	14:05	5/4/06	0.0	0.0	19.9	80.1			
	11:07	5/22/06	2.6	0.3	20.4	76.7			
	12:34	6/2/06	1.0	0.1	20.4	78.5			
	9:45	6/9/06	4.9	0.6	20.2	74.3			
	13:23	6/14/06	0.8	0.3	20.0	78.9			
	10:10	6/22/06	0.6	0.0	20.4	79.0			
	12:41	7/5/06	0.5	1.4	18.5	79.6			
	11:55	7/10/06	0.6	2.5	18.6	78.3			
	11:21	7/17/06	0.5	1.5	18.1	79.9			
	13:15	7/28/06	0.1	0.2	18.2	81.5			
	10:36	8/8/06	0.6	2.2	17.8	79.4			
	8:01	8/16/06	0.1	0.0	17.9	82.0			
	7:46	8/21/06	0.5	2.4	19.0	78.1			
	13:45	8/28/06	0.6	2.6	18.6	78.2			
	10:55	9/13/06	0.1	2.7	19.2	78.0			
	10:14	9/25/06	0.7	2.1	19.0	78.2			
	8:00	10/10/06	0.7	2.0	18.5	78.8			
	7:52	10/23/06	0.7	1.0	20.6	77.7			
	13:34	11/2/06	0.6	1.5	19.8	78.1			
	12:44	11/14/06	0.1	2.0	18.4	79.6			
	10:58	11/27/06	0.1	1.0	19.6	79.3			
	13:40	12/26/06	0.3	2.0	18.4	79.4			
	12:41	1/27/07	0.4	2.6	18.2	78.9			
	11:10	2/24/07	0.4	2.6	18.1	78.9			
	16:14	3/28/07	0.2	2.6	17.8	79.5			
	11:15	5/1/07	0.0	3.4	15.9	80.7			
	12:06	5/30/07	0.0	3.0	16.8	80.2			
	13:05	6/19/07	0.1	2.8	18.3	78.8			
	11:27	8/13/07	0.0	2.2	18.8	79.0			
	10:34	10/18/07	0.1	2.8	17.0	80.1			
	12:10	1/23/08	0.2	2.4	19.2	78.2			
	8:05	6/12/08	0.0	2.6	18.0	79.4			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-12	9:06	3/22/06	0.0	5.7	13.0	81.3			pre-startup
	14:22	3/23/06	0.0	5.5	13.2	81.3			
	14:20	3/30/06	0.0	2.6	17.7	79.7			
	13:50	4/6/06	0.2	2.1	17.3	80.4			
	13:50	4/11/06	0.0	2.5	17.1	80.4			
	11:40	4/14/06	0.0	2.5	15.5	82.0			
	10:45	4/17/06	1.4	3.7	18.4	76.5			
	12:20	4/28/06	0.0	2.4	18.0	79.6			
	13:54	5/4/06	0.0	0.0	17.3	82.7			
	11:00	5/22/06	1.4	2.7	17.5	78.4			
	12:28	6/2/06	0.1	1.8	17.4	80.7			
	8:50	6/9/06	0.9	2.1	19.2	77.8			
	13:10	6/14/06	0.1	0.0	17.5	82.4			
	10:20	6/22/06	0.5	2.2	18.2	79.1			
	11:57	7/5/06	0.6	2.2	18.2	79.0			
	11:22	7/10/06	0.6	2.7	18.2	78.5			
	10:39	7/17/06	0.7	2.6	17.5	79.2			
	13:28	7/28/06	0.6	1.5	18.2	79.7			
	11:22	8/8/06	0.6	2.6	17.5	79.3			
	8:58	8/16/06	4.1	18.6	10.0	67.3			
	8:44	8/21/06	0.6	3.2	18.5	77.7			
	14:26	8/28/06	0.0	0.0	19.4	80.6			
	11:42	9/13/06	0.1	0.9	17.9	81.1			
	11:40	9/25/06	0.8	3.4	16.8	79.0			
	8:47	10/10/06	0.7	3.8	17.6	77.9			
	8:50	10/23/06	0.7	4.1	16.4	78.8			
	14:55	11/2/06	3.9	14.0	7.7	74.5			
	15:30	11/14/06	0.3	3.6	16.7	79.5			
	11:05	11/27/06	0.2	2.4	18.0	79.5			
	13:35	12/26/06	0.3	3.8	15.7	80.3			
	13:18	1/27/07	0.4	3.8	15.7	80.1			
	12:00	2/24/07	0.2	3.2	16.6	80.0			
	17:40	3/28/07	0.2	3.4	16.4	80.0			
	10:30	5/1/07	0.1	2.6	16.1	81.3			
	12:02	5/30/07	0.0	2.8	16.0	81.2			
	16:30	6/19/07	0.0	2.8	18.1	79.1			
	11:35	8/13/07	0.0	2.6	18.3	79.1			
	10:26	10/18/07	0.1	4.0	15.2	80.7			
	13:08	1/23/08	0.3	7.2	12.2	80.3			
	9:10	6/12/08	0.0	2.4	17.1	80.5			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
MW-101	9:24	3/23/06	2.9	18.1	0.8	78.2			pre-startup
	14:25	3/30/06	1.0	8.0	10.9	80.1			
	14:00	4/6/06	0.8	0.2	20.0	79.0			
	14:05	4/11/06	0.0	0.0	20.3	79.7			
	11:50	4/14/06	0.0	1.8	17.9	80.3			
	10:58	4/17/06	2.0	0.3	20.5	77.2			
	7:35	4/28/06	0.0	0.0	20.7	79.3			
	14:10	5/4/06	0.0	0.0	20.2	79.8			
	11:10	5/22/06	0.0	0.0	20.5	79.5			
	12:38	6/2/06	0.2	0.0	20.4	79.4			
	9:50	6/9/06	1.1	0.2	20.5	78.2			
	13:48	6/14/06	4.1	0.3	20.4	75.2			
	10:15	6/22/06	0.0	0.0	20.4	79.6			
	12:46	7/5/06	0.6	20.0	20.0	59.4			
	12:00	7/10/06	0.6	0.0	20.0	79.4			
	11:30	7/17/06	0.0	0.0	19.8	80.2			
	13:20	7/28/06	0.6	0.0	19.3	80.1			
	10:41	8/8/06	0.8	0.0	19.8	79.4			
	8:05	8/16/06	0.1	0.0	19.6	80.3			
	7:52	8/21/06	0.9	0.1	20.4	78.6			
	13:47	8/28/06	0.6	0.1	20.2	79.1			
	10:57	9/13/06	0.6	0.2	19.8	79.4			
	10:16	9/25/06	0.6	0.2	20.2	79.0			
	8:03	10/10/06	0.7	0.2	20.5	78.6			
	7:55	10/23/06	0.9	0.7	19.8	78.6			
	15:00	11/2/06	0.3	0.0	20.8	78.9			
	12:48	11/14/06	0.1	0.4	19.4	80.1			
	11:00	11/27/06	0.1	0.2	20.0	79.7			
	13:45	12/26/06	0.3	0.0	19.3	80.5			
	12:45	1/27/07	0.4	0.6	20.0	79.1			
	11:14	2/24/07	0.5	0.6	20.1	78.9			
	16:18	3/28/07	0.2	0.2	20.1	79.5			
	11:19	5/1/07	0.0	0.2	18.8	81.0			
	12:08	5/30/07	0.0	0.2	18.9	80.9			
	13:10	6/19/07	0.1	0.0	20.9	79.1			
	11:30	8/13/07	0.0	0.0	20.9	79.1			
	10:37	10/18/07	0.1	0.0	19.6	80.4			
	12:18	1/23/08	0.2	5.8	14.4	79.6			
	14:45	5/12/08	0.0	0.0	19.8	80.2			
	8:15	6/12/08	0.0	0.0	20.9	79.1			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
MW-102	14:20	3/23/06	0.0	0.7	20.5	78.8			pre-startup
	14:15	3/30/06	1.0	0.5	20.6	77.9			
	13:35	4/6/06	1.0	0.6	20.3	78.1			
	13:43	4/11/06	0.5	0.3	19.7	79.5			
	11:50	4/14/06	0.0	0.3	18.6	81.1			
	10:34	4/17/06	0.8	0.7	20.1	78.4			
	14:00	4/28/06	0.0	0.0	20.7	79.3			
	13:35	5/4/06	0.0	0.2	20.5	79.3			
	10:42	5/22/06	0.2	0.1	2.4	97.3			
	8:48	6/9/06	0.0	0.0	19.8	80.2			
	12:20	6/14/06	0.1	0.0	19.5	80.4			
	11:20	6/22/06	0.7	0.1	19.9	79.3			
	11:53	7/5/06	0.6	0.0	20.0	79.4			
	11:19	7/10/06	0.6	4.7	15.1	79.6			
	10:20	7/17/06	0.9	0.8	19.0	79.3			
	12:40	7/28/06	0.6	0.6	18.6	80.2			
	10:13	8/8/06	0.6	1.2	18.5	79.7			
	8:42	8/16/06	0.1	0.0	17.7	82.2			
	8:00	8/21/06	0.1	0.0	18.5	81.4			
	13:55	8/28/06	0.6	1.8	18.8	78.8			
	11:05	9/13/06	0.1	0.0	19.5	80.4			
	10:25	9/25/06	0.1	0.0	19.2	80.7			
	8:44	10/10/06	0.7	1.0	19.6	78.7			
	8:05	10/23/06	0.8	0.4	19.6	79.2			
	14:42	11/2/06	0.3	0.0	20.8	78.9			
	13:30	11/14/06	0.2	0.2	20.0	79.6			
	11:12	11/27/06	0.2	0.0	20.2	79.7			
	12:39	12/26/06	0.1	0.0	20.0	79.9			
	13:10	1/27/07	0.4	0.2	20.2	79.2			
	11:00	2/24/07	0.4	0.2	20.6	78.9			
	17:35	3/28/07	0.2	0.2	20.0	79.6			
	10:24	5/1/07	0.0	1.4	17.0	81.6			
	11:57	5/30/07	0.0	1.4	16.7	81.9			
	16:00	6/19/07	0.0	0.0	20.6	79.4			
	11:42	8/13/07	0.0	2.8	16.6	80.6			
	10:24	10/18/07	0.1	4.2	15.0	80.7			
	14:05	1/23/08	0.4	1.2	20.9	77.5			
	9:05	6/12/08	0.0	0.6	18.9	80.5			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
MW-103	7:49	3/23/06	0.0	0.2	21.8	78.0			pre-startup
	15:30	3/30/06	0.0	1.9	18.2	79.9			
	14:35	4/6/06	0.4	8.0	9.4	82.2			
	14:40	4/11/06	0.0	6.4	10.8	82.8			
	12:15	4/14/06	0.0	3.2	15.6	81.2			
	11:30	4/17/06	0.0	0.0	20.7	79.3			
	10:45	4/28/06	0.0	0.0	20.5	79.5			
	15:05	5/4/06	0.4	0.0	13.5	86.1			
	11:42	5/22/06	0.2	0.0	20.6	79.2			
	13:14	6/2/06	0.2	0.0	20.1	79.7			
	9:10	6/9/06	1.1	0.1	20.5	78.3			
	13:30	6/14/06	0.6	0.3	20.4	78.7			
	11:28	6/22/06	0.7	0.0	20.2	79.1			
	11:27	7/5/06	0.6	0.0	20.4	79.0			
	10:40	7/10/06	0.0	0.0	19.9	80.1			
	10:06	7/17/06	0.8	0.4	19.4	79.4			
	12:30	7/28/06	0.6	0.0	19.9	79.5			
	9:17	8/8/06	0.6	0.0	19.9	79.5			
	7:34	8/16/06	0.1	0.0	19.9	80.0			
	7:25	8/21/06	0.5	0.0	20.1	79.4			
	13:29	8/28/06	0.1	0.0	20.3	79.6			
	10:34	9/13/06	0.0	0.0	20.4	79.6			
	9:57	9/25/06	0.0	0.1	19.3	80.6			
	7:22	10/10/06	0.5	0.2	20.4	78.9			
	7:38	10/23/06	0.6	0.0	20.8	78.6			
	13:14	11/2/06	0.0	0.3	21.0	78.7			
	13:08	11/14/06	0.2	9.2	11.2	79.5			
	10:40	11/27/06	0.1	0.0	20.1	79.9			
	14:00	12/26/06	0.3	0.2	20.1	79.5			
	12:05	1/27/07	0.1	0.0	19.8	80.2			
	12:34	2/24/07	0.4	4.2	16.3	79.2			
	15:35	3/28/07	0.1	0.0	20.0	79.9			
	10:52	5/1/07	0.1	0.8	18.7	80.4			
	12:40	5/30/07	0.0	0.4	18.9	80.7			
	13:35	6/19/07	0.0	0.0	20.9	79.1			
	11:05	8/13/07	0.0	0.0	20.9	79.1			
	10:05	10/18/07	0.1	1.2	18.5	80.2			
	13:45	1/23/08	0.4	0.2	20.9	78.5			
	7:15	6/12/08	0.0	0.4	20.9	78.7			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
MW-104	9:29	3/23/06	**12.8**	18.5	0.8	67.9			pre-startup
	15:45	3/30/06	0.0	0.0	20.7	79.3			
	13:10	4/6/06	**6.8**	8.9	10.5	73.8			
	14:50	4/11/06	4.1	7.1	9.2	79.6			
	11:40	4/17/06	2.0	0.3	21.0	76.7			
	14:10	4/28/06	0.0	0.0	20.7	79.3			
	15:40	5/4/06	0.0	0.0	8.1	91.9			
	10:27	5/22/06	0.0	0.1	19.9	80.0			
	8:32	6/9/06	0.0	0.0	19.6	80.4			
	12:45	6/14/06	3.2	0.8	18.8	77.2			
	10:54	6/22/06	0.8	0.1	19.7	79.4			
	12:19	7/5/06	0.6	0.0	20.0	79.4			
	11:40	7/10/06	0.7	0.6	19.8	78.9			
	11:05	7/17/06	0.1	0.0	19.6	80.3			
	12:38	7/28/06	0.6	0.0	19.8	79.6			
	9:49	8/8/06	0.6	0.0	20.0	79.4			
	9:14	8/16/06	0.7	0.2	19.4	79.7			
	8:30	8/21/06	0.1	0.3	18.1	81.5			
	14:16	8/28/06	0.0	0.0	17.6	82.4			
	11:29	9/13/06	0.7	0.2	16.8	82.3			
	11:27	9/25/06	0.0	0.2	19.5	80.3			
	8:27	10/10/06	0.7	13.1	4.3	81.9			
	8:30	10/23/06	0.7	0.3	16.7	82.3			
	14:14	11/2/06	0.3	0.0	20.6	79.1			
	15:06	11/14/06	0.2	0.6	19.4	79.8			
	12:04	11/27/06	0.2	3.0	17.6	79.2			
	13:15	12/26/06	0.2	0.0	20.0	79.9			
	14:16	1/27/07	0.1	0.0	19.4	80.5			
	11:35	2/24/07	0.5	12.8	5.6	81.1			
	16:55	3/28/07	0.2	0.2	20.0	79.6			
	11:45	5/1/07	0.0	0.0	18.9	81.1			
	11:48	5/30/07	0.0	0.0	19.0	81.0			
	15:30	6/19/07	0.0	0.0	20.9	79.1			
	12:05	8/13/07	0.0	0.0	20.9	79.1			
	9:50	10/18/07	0.1	0.0	19.6	80.3			
	13:20	1/23/08	0.3	0.6	20.6	78.5			
	9:25	6/12/08	0.0	0.0	20.9	79.1			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
System Exhaust	2:00	3/28/06	4.4	4.0	17.8	73.8			
	12:52	5/4/06	8.6	14.7	7.4	69.3			
	11:15	6/28/06	5.9	14.5	9.5	70.1			
	11:45	7/5/06	6.1	18.7	7.2	68.0			
	11:12	7/10/06	6.7	21.7	5.1	66.5			
	10:31	7/17/06	6.2	18.6	6.5	68.7			
	14:24	7/28/06	2.1	19.2	6.1	72.6			
	10:23	8/8/06	5.9	18.0	6.8	69.3			
	8:30	8/16/06	6.8	17.3	7.3	68.6			
	8:07	8/21/06	6.9	18.0	7.6	67.5			
	14:00	8/28/06	7.1	18.6	7.3	67.0			
	11:13	9/13/06	15.2	20.0	8.1	56.7			
	11:37	9/25/06	14.2	24.3	4.8	56.7			
	8:09	10/10/06	7.4	19.2	8.2	65.2			
	8:13	10/23/06	12.8	16.3	9.1	61.8			
	9:00	11/2/06	5.0	14.0	8.2	72.8			
	13:43	11/14/06	4.4	10.4	10.6	74.6			
	11:19	11/27/06	3.8	10.2	10.8	75.2			
	12:31	12/26/06	6.5	14.8	6.9	71.8			
	13:30	1/27/07	8.0	15.8	6.4	69.8			
	10:45	2/24/07	6.0	11.6	10.0	72.4			
	7:35	3/5/07	0.1	0.2	19.8	79.9			
	8:20	3/24/07	9.0	12.6	9.7	68.7			
	17:10	3/24/07	8.5	12.6	9.4	69.5			
	17:25	3/26/07	6.5	11.4	9.8	72.3			
	7:39	3/27/07	6.5	11.2	10.2	72.1			
	17:25	3/28/07	6.5	10	11.6	71.9			
	8:16	3/29/07	5.5	8.8	12.3	73.4			
	17:15	3/29/07	5	8.6	12.3	74.1			
	16:09	6/19/07	12.5	18.2	4.6	64.7			
	11:55	8/13/07	13.5	20.2	4.1	62.2			
	9:12	10/19/07	7.5	16.2	5	71.3			
	12:50	1/23/08	8.5	15.6	7.1	68.8			
	8:55	6/12/08	8.0	15.2	7.3	69.5			

ATTACHMENT A
STRATIGRAPHIC LAYERS OF WELLS

Stratigraphic Groupings of Monitoring Wells
FF/NN Landfill, Ripon, WI

Layer	Well ID	Well Screen Elevation (ft msl)	Lithology at Well Screen
Layer 1 Wells	MW-106	821.0	sand
	MW-101	820.4	sand
	MW-104	819.3	sand & gravel
	MW-102	818.9	sand & gravel
	MW-103	818.7	sand
	MW-107	816.5	sand
	MW-108	814.9	sand
	MW-112	814.1	sand
	MW-111	812.3	sand
Layer 2 Wells	P-106	791.7	sand
	P-101	790.0	sand
	P-103	789.9	silt
	P-107	785.6	sand
	P-108	783.5	sand
	P-104	782.0	sand
	P-102	781.3	sand
	P-111	774.2	sand
Layer 3 Wells	P-111D	704.0	sand and gravel
	P-103D	682.08	sandstone
	MW-3B	665.0	sandstone
	P-113B	634.2	sandstone
	P-114	654.4	sandstone
	P-115	662.7	sandstone
	P-116	681.3	sandstone
Layer 4 wells	MW-3A	570.0	sandstone
	P-107D	544.0	granite
	P-113A	507.8	sandstone

ATTACHMENT B

GROUNDWATER MONITORING SCHEDULE

Groundwater Monitoring Schedule
FF/NN Landfill, Ripon, WI

Sampling Point:	Monitoring Schedule	Jan[1]	Apr	Jul[1]	Oct	Equipment Type
MW-3A	SA		✓		✓	QED
MW-3B	SA		✓		✓	QED
MW-101	A		✓			Bailer
P-101	A		✓			Bailer
MW-102	A		✓			Bailer
P-102	SA		✓		✓	Bailer
MW-103	SA		✓		✓	QED/bailer*
P-103	SA		✓		✓	QED
P-103D	SA		✓		✓	QED
MW-104	SA		✓		✓	QED/bailer*
P-104	A		✓			QED
MW-106	A		✓			Bailer
P-106	SA		✓		✓	QED
MW-107	SA		✓		✓	Bailer
P-107	SA		✓		✓	QED
P-107D	SA		✓		✓	QED
MW-108	SA		✓		✓	QED/bailer*
P-108	A		✓			Bailer
MW-111	A		✓			Bailer
P-111	A		✓			QED
P-111D	SA		✓		✓	QED
MW-112	SA		✓		✓	QED/bailer*
P-113A	A		✓			QED
P-113B	SA		✓		✓	QED
P-114	SA		✓		✓	QED
P-115	SA		✓		✓	QED
P-116	SA		✓		✓	QED
Baneck	Q	✓	✓	✓	✓	Spigot
Gaastra	Q	✓	✓	✓	✓	Spigot
Rohde	Q	✓	✓	✓	✓	Spigot
Leachate wells	A		✓			Disposable bailers
Landfill gas monitoring	Q	✓	✓	✓	✓	
Cap Inspection	SA		✓		✓	

* Well often doesn't have sufficient water to use existing QED. A bailer is then used to purge and sample.

[1]Take water level in each well

ATTACHMENT C

LABORATORY ANALYTICAL RESULTS

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May 09, 2008

Raelyn Sylvester
Pace Analytical Pittsburgh
5203 Triangle Lane
Export, PA 15632

RE: Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Dear Raelyn Sylvester:
Enclosed are the analytical results for sample(s) received by the laboratory on May 06, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Eric Wied

eric.wied@pacelabs.com
Project Manager

Enclosures

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Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Green Bay Certification IDs

Florida (NELAP) Certification #: E87948
Illinois Certification #: 200050
California Certification #: 06246CA
New York Certification #: 11888
North Dakota Certification #: R-150
North Carolina Certification #: 503
Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 82
Louisiana Certification #: 04168

Green Bay Volatiles Certification IDs

Florida (NELAP) Certification #: E87951
California Certification #: 06247CA
Illinois Certification #: 200051
New York Certification #: 11887
North Dakota Certification #: R-200
North Carolina Certification #: 503
Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 83
Louisiana Certification #: 04169

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SAMPLE SUMMARY

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Lab ID	Sample ID	Matrix	Date Collected	Date Received
403437001	**P-106**	Water	04/30/08 16:30	05/06/08 09:05
403437002	**MW-106**	Water	04/30/08 17:20	05/06/08 09:05
403437003	**MW-102**	Water	04/30/08 18:00	05/06/08 09:05
403437004	**P-102**	Water	04/30/08 19:00	05/06/08 09:05
403437005	**TB-1**	Water	04/30/08 00:00	05/06/08 09:05

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SAMPLE ANALYTE COUNT

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
403437001	**P-106**	EPA 8260	SMT	45	PASI-G
403437002	**MW-106**	EPA 8260	SMT	45	PASI-G
403437003	**MW-102**	EPA 8260	SMT	45	PASI-G
403437004	**P-102**	EPA 8260	SMT	45	PASI-G
403437005	**TB-1**	EPA 8260	SMT	45	PASI-G

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Sample: P-106 **Lab ID: 403437001** Collected: 04/30/08 16:30 Received: 05/06/08 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/08/08 18:28	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/08/08 18:28	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/08/08 18:28	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/08/08 18:28	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/08/08 18:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/08/08 18:28	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/08/08 18:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/08/08 18:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/08/08 18:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/08/08 18:28	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/08/08 18:28	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/08/08 18:28	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/08/08 18:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/08/08 18:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/08/08 18:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/08/08 18:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/08/08 18:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/08/08 18:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/08/08 18:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/08/08 18:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/08/08 18:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/08/08 18:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/08/08 18:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/08/08 18:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/08/08 18:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/08/08 18:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 18:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 18:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/08/08 18:28	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/08/08 18:28	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/08/08 18:28	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/08/08 18:28	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/08/08 18:28	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/08/08 18:28	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/08/08 18:28	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/08/08 18:28	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/08/08 18:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/08/08 18:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/08/08 18:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/08/08 18:28	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/08/08 18:28	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/08/08 18:28	1330-20-7	
4-Bromofluorobenzene (S)	86	%	64-132		1		05/08/08 18:28	460-00-4	
Dibromofluoromethane (S)	91	%	68-122		1		05/08/08 18:28	1868-53-7	
Toluene-d8 (S)	95	%	73-127		1		05/08/08 18:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Sample: MW-106 **Lab ID: 403437002** Collected: 04/30/08 17:20 Received: 05/06/08 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/08/08 18:04	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/08/08 18:04	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/08/08 18:04	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/08/08 18:04	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/08/08 18:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/08/08 18:04	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/08/08 18:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/08/08 18:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/08/08 18:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/08/08 18:04	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/08/08 18:04	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/08/08 18:04	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/08/08 18:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/08/08 18:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/08/08 18:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/08/08 18:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/08/08 18:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/08/08 18:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/08/08 18:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/08/08 18:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/08/08 18:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/08/08 18:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/08/08 18:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/08/08 18:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/08/08 18:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/08/08 18:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 18:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 18:04	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/08/08 18:04	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/08/08 18:04	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/08/08 18:04	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/08/08 18:04	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/08/08 18:04	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/08/08 18:04	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/08/08 18:04	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/08/08 18:04	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/08/08 18:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/08/08 18:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/08/08 18:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/08/08 18:04	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/08/08 18:04	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/08/08 18:04	1330-20-7	
4-Bromofluorobenzene (S)	86	%	64-132		1		05/08/08 18:04	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		05/08/08 18:04	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/08/08 18:04	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Sample: MW-102 **Lab ID: 403437003** Collected: 04/30/08 18:00 Received: 05/06/08 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/08/08 17:41	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/08/08 17:41	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/08/08 17:41	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/08/08 17:41	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/08/08 17:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/08/08 17:41	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/08/08 17:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/08/08 17:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/08/08 17:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/08/08 17:41	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/08/08 17:41	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/08/08 17:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/08/08 17:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/08/08 17:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/08/08 17:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/08/08 17:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/08/08 17:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/08/08 17:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/08/08 17:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/08/08 17:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/08/08 17:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/08/08 17:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/08/08 17:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/08/08 17:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/08/08 17:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/08/08 17:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 17:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 17:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/08/08 17:41	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/08/08 17:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/08/08 17:41	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/08/08 17:41	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/08/08 17:41	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/08/08 17:41	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/08/08 17:41	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/08/08 17:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/08/08 17:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/08/08 17:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/08/08 17:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/08/08 17:41	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/08/08 17:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/08/08 17:41	1330-20-7	
4-Bromofluorobenzene (S)	86	%	64-132		1		05/08/08 17:41	460-00-4	
Dibromofluoromethane (S)	90	%	68-122		1		05/08/08 17:41	1868-53-7	
Toluene-d8 (S)	94	%	73-127		1		05/08/08 17:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Sample: P-102 **Lab ID: 403437004** Collected: 04/30/08 19:00 Received: 05/06/08 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/08/08 12:33	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/08/08 12:33	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/08/08 12:33	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/08/08 12:33	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/08/08 12:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/08/08 12:33	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/08/08 12:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/08/08 12:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/08/08 12:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/08/08 12:33	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/08/08 12:33	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/08/08 12:33	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/08/08 12:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/08/08 12:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/08/08 12:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/08/08 12:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/08/08 12:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/08/08 12:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/08/08 12:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/08/08 12:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/08/08 12:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/08/08 12:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/08/08 12:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/08/08 12:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/08/08 12:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/08/08 12:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 12:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 12:33	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/08/08 12:33	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/08/08 12:33	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/08/08 12:33	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/08/08 12:33	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/08/08 12:33	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/08/08 12:33	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/08/08 12:33	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/08/08 12:33	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/08/08 12:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/08/08 12:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/08/08 12:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/08/08 12:33	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/08/08 12:33	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/08/08 12:33	1330-20-7	
4-Bromofluorobenzene (S)	85	%	64-132		1		05/08/08 12:33	460-00-4	
Dibromofluoromethane (S)	91	%	68-122		1		05/08/08 12:33	1868-53-7	
Toluene-d8 (S)	95	%	73-127		1		05/08/08 12:33	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Sample: TB-1 **Lab ID: 403437005** Collected: 04/30/08 00:00 Received: 05/06/08 09:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/08/08 12:57	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/08/08 12:57	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/08/08 12:57	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/08/08 12:57	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/08/08 12:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/08/08 12:57	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/08/08 12:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/08/08 12:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/08/08 12:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/08/08 12:57	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/08/08 12:57	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/08/08 12:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/08/08 12:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/08/08 12:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/08/08 12:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/08/08 12:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/08/08 12:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/08/08 12:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/08/08 12:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/08/08 12:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/08/08 12:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/08/08 12:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/08/08 12:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/08/08 12:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/08/08 12:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/08/08 12:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 12:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/08/08 12:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/08/08 12:57	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/08/08 12:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/08/08 12:57	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/08/08 12:57	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/08/08 12:57	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/08/08 12:57	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/08/08 12:57	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/08/08 12:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/08/08 12:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/08/08 12:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/08/08 12:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/08/08 12:57	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/08/08 12:57	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/08/08 12:57	1330-20-7	
4-Bromofluorobenzene (S)	86	%	64-132		1		05/08/08 12:57	460-00-4	
Dibromofluoromethane (S)	92	%	68-122		1		05/08/08 12:57	1868-53-7	
Toluene-d8 (S)	94	%	73-127		1		05/08/08 12:57	2037-26-5	

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QUALITY CONTROL DATA

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

QC Batch: MSV/1577 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 403437001, 403437002, 403437003, 403437004, 403437005

METHOD BLANK: 24337
Associated Lab Samples: 403437001, 403437002, 403437003, 403437004, 403437005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	
1,1,2-Trichloroethane	ug/L	ND	1.4	
1,1-Dichloroethane	ug/L	ND	1.0	
1,1-Dichloroethene	ug/L	ND	1.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.9	
1,2-Dibromoethane (EDB)	ug/L	ND	1.9	
1,2-Dichlorobenzene	ug/L	ND	1.0	
1,2-Dichloroethane	ug/L	ND	1.0	
1,2-Dichloropropane	ug/L	ND	1.0	
1,3-Dichlorobenzene	ug/L	ND	1.0	
1,4-Dichlorobenzene	ug/L	ND	1.0	
2-Butanone (MEK)	ug/L	ND	5.0	
Acetone	ug/L	ND	5.0	
Benzene	ug/L	ND	1.0	
Bromodichloromethane	ug/L	ND	1.9	
Bromoform	ug/L	ND	3.1	
Bromomethane	ug/L	ND	3.0	
Carbon disulfide	ug/L	ND	1.0	
Carbon tetrachloride	ug/L	ND	1.0	
Chlorobenzene	ug/L	ND	1.0	
Chloroethane	ug/L	ND	1.0	
Chloroform	ug/L	ND	1.2	
Chloromethane	ug/L	ND	0.80	
cis-1,2-Dichloroethene	ug/L	ND	1.0	
cis-1,3-Dichloropropene	ug/L	ND	0.63	
Dibromochloromethane	ug/L	ND	1.0	
Dibromomethane	ug/L	ND	1.0	
Dichlorodifluoromethane	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
Methyl-tert-butyl ether	ug/L	ND	2.0	
Methylene Chloride	ug/L	ND	1.4	
Naphthalene	ug/L	ND	5.0	
Styrene	ug/L	ND	1.0	
Tetrachloroethene	ug/L	ND	1.0	
Tetrahydrofuran	ug/L	ND	5.0	
Toluene	ug/L	ND	1.0	
trans-1,2-Dichloroethene	ug/L	ND	1.0	
trans-1,3-Dichloropropene	ug/L	ND	0.63	
Trichloroethene	ug/L	ND	1.0	
Trichlorofluoromethane	ug/L	ND	1.0	
Vinyl chloride	ug/L	ND	0.60	
Xylene (Total)	ug/L	ND	3.0	
4-Bromofluorobenzene (S)	%	85	64-132	

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QUALITY CONTROL DATA

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

METHOD BLANK: 24337

Associated Lab Samples: 403437001, 403437002, 403437003, 403437004, 403437005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromofluoromethane (S)	%	89	68-122	
Toluene-d8 (S)	%	93	73-127	

LABORATORY CONTROL SAMPLE & LCSD: 24338 24339

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.0	51.4	104	103	75-128	1	20	
1,1,2-Trichloroethane	ug/L	50	52.9	52.7	106	105	75-125	.4	20	
1,1-Dichloroethane	ug/L	50	54.1	52.7	108	105	71-130	3	20	
1,1-Dichloroethene	ug/L	50	56.0	54.2	112	108	75-125	3	20	
1,2-Dichloroethane	ug/L	50	50.2	49.8	100	100	71-132	.7	20	
1,2-Dichloropropane	ug/L	50	53.8	53.3	108	107	73-125	.9	20	
2-Butanone (MEK)	ug/L	50	49.2	50.9	98	102	59-130	3	20	
Acetone	ug/L	50	54.7	55.8	109	112	31-150	2	20	
Benzene	ug/L	50	52.6	51.5	105	103	75-125	2	20	
Bromodichloromethane	ug/L	50	52.7	52.2	105	104	75-125	1	20	
Bromoform	ug/L	50	43.5	42.9	87	86	75-125	1	20	
Bromomethane	ug/L	50	51.8	57.0	104	114	66-125	10	20	
Carbon disulfide	ug/L	50	56.0	55.2	112	110	71-128	1	20	
Carbon tetrachloride	ug/L	50	52.6	51.8	105	104	75-125	2	20	
Chlorobenzene	ug/L	50	53.2	53.1	106	106	75-125	.1	20	
Chloroethane	ug/L	50	55.2	54.0	110	108	72-126	2	20	
Chloroform	ug/L	50	51.5	50.5	103	101	75-125	2	20	
Chloromethane	ug/L	50	51.5	52.9	103	106	46-143	3	20	
cis-1,2-Dichloroethene	ug/L	50	53.1	51.9	106	104	75-125	2	20	
cis-1,3-Dichloropropene	ug/L	50	55.8	54.7	112	109	75-125	2	20	
Dibromochloromethane	ug/L	50	45.2	45.3	90	91	75-125	.2	20	
Ethylbenzene	ug/L	50	53.7	52.5	107	105	75-125	2	20	
Methylene Chloride	ug/L	50	53.5	52.4	107	105	75-125	2	20	
Styrene	ug/L	50	51.7	50.8	103	102	75-125	2	20	
Tetrachloroethene	ug/L	50	52.1	50.4	104	101	75-130	3	20	
Toluene	ug/L	50	53.0	51.7	106	103	75-125	3	20	
trans-1,2-Dichloroethene	ug/L	50	53.3	53.0	107	106	75-125	.6	20	
trans-1,3-Dichloropropene	ug/L	50	48.6	47.8	97	96	75-125	2	20	
Trichloroethene	ug/L	50	55.6	52.0	111	104	75-125	7	20	
Vinyl chloride	ug/L	50	53.8	53.2	108	106	65-130	1	20	
Xylene (Total)	ug/L	150	161	161	108	108	75-125	.01	20	
4-Bromofluorobenzene (S)	%				86	88	64-132			
Dibromofluoromethane (S)	%				92	91	68-122			
Toluene-d8 (S)	%				94	94	73-127			

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QUALITY CONTROL DATA

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 24923 24924

Parameter	Units	403437004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	49.7	50.6	99	101	70-130	2	30	
1,1,2-Trichloroethane	ug/L	ND	50	50	51.9	51.3	104	103	70-130	1	30	
1,1-Dichloroethane	ug/L	ND	50	50	52.4	52.4	105	105	70-130	.01	30	
1,1-Dichloroethene	ug/L	ND	50	50	53.7	54.1	107	108	70-135	.8	30	
1,2-Dichloroethane	ug/L	ND	50	50	48.4	48.9	97	98	70-130	1	30	
1,2-Dichloropropane	ug/L	ND	50	50	52.8	52.7	106	105	70-130	.2	30	
2-Butanone (MEK)	ug/L	ND	50	50	46.1	43.5	92	87	51-130	6	30	
Acetone	ug/L	ND	50	50	47.6	44.5	95	89	42-132	7	30	
Benzene	ug/L	ND	50	50	49.9	50.3	100	101	70-130	.8	30	
Bromodichloromethane	ug/L	ND	50	50	50.3	51.0	101	102	70-130	1	30	
Bromoform	ug/L	ND	50	50	42.0	42.8	84	86	70-130	2	30	
Bromomethane	ug/L	ND	50	50	52.5	51.9	105	104	63-147	1	30	
Carbon disulfide	ug/L	ND	50	50	51.9	52.5	104	105	56-142	1	30	
Carbon tetrachloride	ug/L	ND	50	50	51.9	52.2	104	104	70-131	.4	30	
Chlorobenzene	ug/L	ND	50	50	51.4	51.9	103	104	70-130	.9	30	
Chloroethane	ug/L	ND	50	50	53.2	52.5	106	105	67-138	1	30	
Chloroform	ug/L	ND	50	50	49.3	50.5	99	101	70-130	2	30	
Chloromethane	ug/L	ND	50	50	51.4	51.3	103	103	43-150	.2	30	
cis-1,2-Dichloroethene	ug/L	ND	50	50	51.7	50.9	103	102	70-130	2	30	
cis-1,3-Dichloropropene	ug/L	ND	50	50	54.6	54.0	109	108	70-130	1	30	
Dibromochloromethane	ug/L	ND	50	50	44.0	44.1	88	88	70-130	.2	30	
Ethylbenzene	ug/L	ND	50	50	51.7	51.5	103	103	70-136	.3	30	
Methylene Chloride	ug/L	ND	50	50	51.1	51.2	102	102	70-130	.3	30	
Styrene	ug/L	ND	50	50	49.8	49.4	100	99	70-130	.8	30	
Tetrachloroethene	ug/L	ND	50	50	48.4	49.2	97	98	70-130	2	30	
Toluene	ug/L	ND	50	50	51.1	51.0	102	102	70-130	.3	30	
trans-1,2-Dichloroethene	ug/L	ND	50	50	50.8	50.8	102	102	70-130	.01	30	
trans-1,3-Dichloropropene	ug/L	ND	50	50	46.6	48.1	93	96	70-130	3	30	
Trichloroethene	ug/L	ND	50	50	51.6	52.1	103	104	70-130	.9	30	
Vinyl chloride	ug/L	ND	50	50	50.4	51.5	101	103	62-138	2	30	
Xylene (Total)	ug/L	ND	150	150	156	156	104	104	70-130	.04	30	
4-Bromofluorobenzene (S)	%						85	86	64-132			
Dibromofluoromethane (S)	%						89	91	68-122			
Toluene-d8 (S)	%						93	94	73-127			

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QUALIFIERS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403437

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
403437001	P-106	EPA 8260	MSV/1577		
403437002	MW-106	EPA 8260	MSV/1577		
403437003	MW-102	EPA 8260	MSV/1577		
403437004	P-102	EPA 8260	MSV/1577		
403437005	TB-1	EPA 8260	MSV/1577		

Please Print Clearly)

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page of 1

COC No. 013030

CHAIN OF CUSTODY

Company Name:	GEOTRANS, INC.
Branch/Location:	BROOKFIELD
Project Contact:	MICHAEL NOEL
Phone:	(262) 792-1282
Project Number:	1011.005.09
Project Name:	FINN LANDFILL
Project State:	WI.
Sampled By (Print):	TODD M. THOMSEN
Sampled By (Sign):	
PO #:	Regulatory Program:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	MICHAEL NOEL
Mail To Company:	GEOTRANS, INC.
Mail To Address:	175 N. CORPORATE DR SUITE 100 BROOKFIELD, WI. 53045
Invoice To Con act:	NELSON OLAVARRIA
Invoice To Company:	COOPER INDUSTRIES. THROUGH PACE PITTSBURGH.
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOCs 8260	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	P-106	4-30	16:30	GW		N / B	✓		3-40ml	
002	MW-106	4-30	17:20	GW			✓		↓	
003	MW-102	4-30	18:00	GW			✓			
004	P-102	4-30	19:00	GW			✓			
005	TB-1	—	—	DT			✓	LAB PREPARED	1-40ml H. Oblong	

NOTE
REPORT VINYL CHLORIDE LOQ AT 0.2 OR LESS.
ALSO, ELECTRONIC DATA NEEDED

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: STANDARD

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	5-5-08 08:00	D. Fenimal	5/5/08 0930
D. Fenimal	5/5/08 1300	Walter	
Walter	5/6/08 9:05	A. Maurin	5/6/08 9:05

PACE Project No. 403437
Receipt Temp = 1.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal (Present / Not Present) (Intact / Not Intact)

Version 6.0 06/14/06

ORIGINAL

Sample Condition Upon Receipt

Pace Analytical

Client Name: Geotrans Project # 403437

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other _____

Tracking #: _____

[redacted]

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: NA Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 10.1 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: cl 5/6/08

Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.	
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.	
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.	
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.	
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.	
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.	
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.	
Sufficient Volume:	☑Yes ☐No ☐N/A	8.	
Correct Containers Used:	☑Yes ☐No ☐N/A	9.	
-Pace Containers Used:	☑Yes ☐No ☐N/A		
Containers Intact:	☑Yes ☐No ☐N/A	10.	
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.	
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.	
-Includes date/time/ID/Analysis Matrix:	W		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A		
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed	Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.	
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.	
Trip Blank Present:	☑Yes ☐No ☐N/A	16.	
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A		
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [signature] Date: 05-06-08

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

May 21, 2008

Raelyn Sylvester
Pace Analytical Pittsburgh
5203 Triangle Lane
Export, PA 15632

RE: Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Dear Raelyn Sylvester:
Enclosed are the analytical results for sample(s) received by the laboratory on May 09, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Eric Wied

eric.wied@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Green Bay Certification IDs

Florida (NELAP) Certification #: E87948
Illinois Certification #: 200050
California Certification #: 06246CA
New York Certification #: 11888
North Dakota Certification #: R-150
North Carolina Certification #: 503
Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 82
Louisiana Certification #: 04168

Green Bay Volatiles Certification IDs

Florida (NELAP) Certification #: E87951
California Certification #: 06247CA
Illinois Certification #: 200051
New York Certification #: 11887
North Dakota Certification #: R-200
North Carolina Certification #: 503
Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 83
Louisiana Certification #: 04169

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SAMPLE SUMMARY

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Lab ID	Sample ID	Matrix	Date Collected	Date Received
403670001	P-103D	Water	05/05/08 10:05	05/09/08 15:40
403670002	P-103D DUP	Water	05/05/08 10:10	05/09/08 15:40
403670003	P-103	Water	05/05/08 10:45	05/09/08 15:40
403670004	P-103 DUP	Water	05/05/08 10:50	05/09/08 15:40
403670005	MW-103	Water	05/05/08 11:45	05/09/08 15:40
403670006	P-111D	Water	05/05/08 12:45	05/09/08 15:40
403670007	P-111	Water	05/05/08 13:40	05/09/08 15:40
403670008	MW-111	Water	05/05/08 14:30	05/09/08 15:40
403670009	P-107D	Water	05/05/08 15:45	05/09/08 15:40
403670010	P-107	Water	05/05/08 16:30	05/09/08 15:40
403670011	MW-107	Water	05/05/08 17:10	05/09/08 15:40
403670012	MW-112	Water	05/05/08 17:40	05/09/08 15:40
403670013	P-104	Water	05/05/08 18:25	05/09/08 15:40
403670014	MW-104	Water	05/05/08 19:25	05/09/08 15:40
403670015	P-101	Water	05/06/08 08:20	05/09/08 15:40
403670016	MW-101	Water	05/06/08 09:10	05/09/08 15:40
403670017	P-108	Water	05/06/08 10:10	05/09/08 15:40
403670018	MW-108	Water	05/06/08 10:45	05/09/08 15:40
403670019	MW-3B	Water	05/06/08 11:50	05/09/08 15:40
403670020	MW-3A	Water	05/06/08 12:40	05/09/08 15:40
403670021	P-113A	Water	05/06/08 13:50	05/09/08 15:40
403670022	P-113B	Water	05/06/08 14:25	05/09/08 15:40
403670023	P-115	Water	05/06/08 15:30	05/09/08 15:40
403670024	P-114	Water	05/06/08 16:25	05/09/08 15:40
403670025	P-116	Water	05/06/08 17:10	05/09/08 15:40
403670026	LC-2	Water	05/06/08 17:25	05/09/08 15:40
403670027	TRIP BLANK	Water	05/06/08 17:50	05/09/08 15:40

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SAMPLE ANALYTE COUNT

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
403670001	P-103D	EPA 8260	SMT	45	PASI-G
403670002	P-103D DUP	EPA 8260	SMT	45	PASI-G
403670003	P-103	EPA 8260	SMT	45	PASI-G
403670004	P-103 DUP	EPA 8260	SMT	45	PASI-G
403670005	MW-103	EPA 8260	SMT	45	PASI-G
403670006	P-111D	EPA 8260	SMT	45	PASI-G
403670007	P-111	EPA 8260	SMT	45	PASI-G
403670008	MW-111	EPA 8260	SMT	45	PASI-G
403670009	P-107D	EPA 8260	SMT	45	PASI-G
403670010	P-107	EPA 8260	SMT	45	PASI-G
403670011	MW-107	EPA 8260	SMT	45	PASI-G
403670012	MW-112	EPA 8260	SMT	45	PASI-G
403670013	P-104	EPA 8260	SMT	45	PASI-G
403670014	MW-104	EPA 8260	SMT	45	PASI-G
403670015	P-101	EPA 8260	SMT	45	PASI-G
403670016	MW-101	EPA 8260	SMT	45	PASI-G
403670017	P-108	EPA 8260	SMT	45	PASI-G
403670018	MW-108	EPA 8260	SMT	45	PASI-G
403670019	MW-3B	EPA 8260	SMT	45	PASI-G
403670020	MW-3A	EPA 8260	SMT	45	PASI-G
403670021	P-113A	EPA 8260	SMT	45	PASI-G
403670022	P-113B	EPA 8260	SMT	45	PASI-G
403670023	P-115	EPA 8260	SMT	45	PASI-G
403670024	P-114	EPA 8260	SMT	45	PASI-G
403670025	P-116	EPA 8260	SMT	45	PASI-G
403670026	LC-2	EPA 8260	SMT	45	PASI-G
403670027	TRIP BLANK	EPA8260	SMT	45	PASI-G

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-103D **Lab ID: 403670001** Collected: 05/05/08 10:05 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 20:46	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 20:46	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 20:46	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 20:46	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 20:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 20:46	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 20:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 20:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 20:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 20:46	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 20:46	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 20:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 20:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 20:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 20:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 20:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 20:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 20:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 20:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 20:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 20:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 20:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 20:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 20:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 20:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 20:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 20:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 20:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 20:46	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 20:46	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 20:46	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 20:46	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 20:46	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 20:46	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 20:46	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 20:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 20:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 20:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 20:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 20:46	75-69-4	
Vinyl chloride	**0.69**	ug/L	0.60	0.18	1		05/14/08 20:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 20:46	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		05/14/08 20:46	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		05/14/08 20:46	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/14/08 20:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-103D DUP **Lab ID: 403670002** Collected: 05/05/08 10:10 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 21:10	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 21:10	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 21:10	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 21:10	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 21:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 21:10	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 21:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 21:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 21:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 21:10	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 21:10	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 21:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 21:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 21:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 21:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 21:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 21:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 21:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 21:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 21:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 21:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 21:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 21:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 21:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 21:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 21:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 21:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 21:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 21:10	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 21:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 21:10	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 21:10	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 21:10	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 21:10	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 21:10	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 21:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 21:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 21:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 21:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 21:10	75-69-4	
Vinyl chloride	**0.66**	ug/L	0.60	0.18	1		05/14/08 21:10	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 21:10	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/14/08 21:10	460-00-4	
Dibromofluoromethane (S)	90	%	68-122		1		05/14/08 21:10	1868-53-7	
Toluene-d8 (S)	94	%	73-127		1		05/14/08 21:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-103 **Lab ID: 403670003** Collected: 05/05/08 10:45 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 21:33	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 21:33	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 21:33	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 21:33	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 21:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 21:33	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 21:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 21:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 21:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 21:33	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 21:33	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 21:33	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 21:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 21:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 21:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 21:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 21:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 21:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 21:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 21:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 21:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 21:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 21:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 21:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 21:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 21:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 21:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 21:33	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 21:33	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 21:33	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 21:33	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 21:33	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 21:33	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 21:33	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 21:33	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 21:33	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 21:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 21:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 21:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 21:33	75-69-4	
Vinyl chloride	**0.74**	ug/L	0.60	0.18	1		05/14/08 21:33	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 21:33	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		05/14/08 21:33	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		05/14/08 21:33	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/14/08 21:33	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-103 DUP **Lab ID: 403670004** Collected: 05/05/08 10:50 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 21:57	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 21:57	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 21:57	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 21:57	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 21:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 21:57	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 21:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 21:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 21:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 21:57	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 21:57	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 21:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 21:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 21:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 21:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 21:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 21:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 21:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 21:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 21:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 21:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 21:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 21:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 21:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 21:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 21:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 21:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 21:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 21:57	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 21:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 21:57	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 21:57	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 21:57	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 21:57	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 21:57	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 21:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 21:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 21:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 21:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 21:57	75-69-4	
Vinyl chloride	**0.81**	ug/L	0.60	0.18	1		05/14/08 21:57	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 21:57	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/14/08 21:57	460-00-4	
Dibromofluoromethane (S)	90	%	68-122		1		05/14/08 21:57	1868-53-7	
Toluene-d8 (S)	94	%	73-127		1		05/14/08 21:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: MW-103 **Lab ID: 403670005** Collected: 05/05/08 11:45 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 20:22	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 20:22	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 20:22	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 20:22	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 20:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 20:22	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 20:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 20:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 20:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 20:22	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 20:22	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 20:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 20:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 20:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 20:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 20:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 20:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 20:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 20:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 20:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 20:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 20:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 20:22	75-35-4	
cis-1,2-Dichloroethene	**15.7**	ug/L	1.0	0.83	1		05/14/08 20:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 20:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 20:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 20:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 20:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 20:22	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 20:22	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 20:22	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 20:22	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 20:22	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 20:22	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 20:22	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 20:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 20:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 20:22	79-00-5	
Trichloroethene	**3.4**	ug/L	1.0	0.48	1		05/14/08 20:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 20:22	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/14/08 20:22	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 20:22	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/14/08 20:22	460-00-4	
Dibromofluoromethane (S)	91	%	68-122		1		05/14/08 20:22	1868-53-7	
Toluene-d8 (S)	94	%	73-127		1		05/14/08 20:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-111D **Lab ID: 403670006** Collected: 05/05/08 12:45 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 22:21	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 22:21	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 22:21	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 22:21	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 22:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 22:21	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 22:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 22:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 22:21	108-90-7	
Chloroethane	**1.6**	ug/L	1.0	0.97	1		05/14/08 22:21	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 22:21	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 22:21	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 22:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 22:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 22:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 22:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 22:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 22:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 22:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 22:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 22:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 22:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 22:21	75-35-4	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.83	1		05/14/08 22:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 22:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 22:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 22:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 22:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 22:21	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 22:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 22:21	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 22:21	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 22:21	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 22:21	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 22:21	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 22:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 22:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 22:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 22:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 22:21	75-69-4	
Vinyl chloride	**4.7**	ug/L	0.60	0.18	1		05/14/08 22:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 22:21	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		05/14/08 22:21	460-00-4	
Dibromofluoromethane (S)	88	%	68-122		1		05/14/08 22:21	1868-53-7	
Toluene-d8 (S)	92	%	73-127		1		05/14/08 22:21	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-111 **Lab ID: 403670007** Collected: 05/05/08 13:40 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 22:44	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 22:44	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 22:44	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 22:44	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 22:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 22:44	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 22:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 22:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 22:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 22:44	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 22:44	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 22:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 22:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 22:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 22:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 22:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 22:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 22:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 22:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 22:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 22:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 22:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 22:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 22:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 22:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 22:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 22:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 22:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 22:44	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 22:44	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 22:44	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 22:44	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 22:44	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 22:44	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 22:44	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 22:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 22:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 22:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 22:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 22:44	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/14/08 22:44	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 22:44	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		05/14/08 22:44	460-00-4	
Dibromofluoromethane (S)	90	%	68-122		1		05/14/08 22:44	1868-53-7	
Toluene-d8 (S)	91	%	73-127		1		05/14/08 22:44	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: MW-111 **Lab ID: 403670008** Collected: 05/05/08 14:30 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 23:08	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 23:08	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 23:08	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 23:08	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 23:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 23:08	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 23:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 23:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 23:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 23:08	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 23:08	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 23:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 23:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 23:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 23:08	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 23:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 23:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 23:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 23:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 23:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 23:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 23:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 23:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 23:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 23:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 23:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 23:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 23:08	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 23:08	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 23:08	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 23:08	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 23:08	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 23:08	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 23:08	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 23:08	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 23:08	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 23:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 23:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 23:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 23:08	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/14/08 23:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 23:08	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/14/08 23:08	460-00-4	
Dibromofluoromethane (S)	88	%	68-122		1		05/14/08 23:08	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/14/08 23:08	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-107D **Lab ID: 403670009** Collected: 05/05/08 15:45 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 23:32	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 23:32	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 23:32	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 23:32	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 23:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 23:32	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 23:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 23:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 23:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 23:32	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 23:32	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 23:32	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 23:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 23:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 23:32	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 23:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 23:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 23:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 23:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 23:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 23:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 23:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 23:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 23:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 23:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 23:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 23:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 23:32	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 23:32	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 23:32	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 23:32	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 23:32	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 23:32	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 23:32	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 23:32	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 23:32	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 23:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 23:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 23:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 23:32	75-69-4	
Vinyl chloride	**1.3**	ug/L	0.60	0.18	1		05/14/08 23:32	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 23:32	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/14/08 23:32	460-00-4	
Dibromofluoromethane (S)	88	%	68-122		1		05/14/08 23:32	1868-53-7	
Toluene-d8 (S)	94	%	73-127		1		05/14/08 23:32	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-107 **Lab ID: 403670010** Collected: 05/05/08 16:30 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 23:55	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 23:55	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 23:55	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 23:55	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 23:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 23:55	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 23:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 23:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 23:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 23:55	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 23:55	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 23:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 23:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 23:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 23:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 23:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 23:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 23:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 23:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 23:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 23:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 23:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 23:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 23:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 23:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 23:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 23:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 23:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 23:55	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 23:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 23:55	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 23:55	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 23:55	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 23:55	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 23:55	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 23:55	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 23:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 23:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 23:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 23:55	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/14/08 23:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 23:55	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/14/08 23:55	460-00-4	
Dibromofluoromethane (S)	87	%	68-122		1		05/14/08 23:55	1868-53-7	
Toluene-d8 (S)	94	%	73-127		1		05/14/08 23:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: MW-107 **Lab ID: 403670011** Collected: 05/05/08 17:10 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 00:19	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 00:19	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 00:19	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 00:19	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 00:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 00:19	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 00:19	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 00:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/15/08 00:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 00:19	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 00:19	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 00:19	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 00:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 00:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 00:19	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 00:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 00:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 00:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/15/08 00:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 00:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 00:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 00:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 00:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/15/08 00:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 00:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 00:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 00:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 00:19	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 00:19	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 00:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 00:19	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 00:19	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 00:19	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 00:19	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 00:19	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 00:19	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 00:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 00:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/15/08 00:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 00:19	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/15/08 00:19	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 00:19	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/15/08 00:19	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		05/15/08 00:19	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/15/08 00:19	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: MW-112 **Lab ID: 403670012** Collected: 05/05/08 17:40 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 00:42	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 00:42	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 00:42	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 00:42	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 00:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 00:42	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 00:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 00:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/15/08 00:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 00:42	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 00:42	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 00:42	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 00:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 00:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 00:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 00:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 00:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 00:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/15/08 00:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 00:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 00:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 00:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 00:42	75-35-4	
cis-1,2-Dichloroethene	**33.3**	ug/L	1.0	0.83	1		05/15/08 00:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 00:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 00:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 00:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 00:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 00:42	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 00:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 00:42	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 00:42	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 00:42	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 00:42	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 00:42	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 00:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 00:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 00:42	79-00-5	
Trichloroethene	**1.8**	ug/L	1.0	0.48	1		05/15/08 00:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 00:42	75-69-4	
Vinyl chloride	**1.3**	ug/L	0.60	0.18	1		05/15/08 00:42	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 00:42	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/15/08 00:42	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		05/15/08 00:42	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/15/08 00:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-104 **Lab ID: 403670013** Collected: 05/05/08 18:25 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 01:06	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 01:06	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 01:06	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 01:06	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 01:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 01:06	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 01:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 01:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/15/08 01:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 01:06	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 01:06	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 01:06	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 01:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 01:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 01:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 01:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 01:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 01:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/15/08 01:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 01:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 01:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 01:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 01:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/15/08 01:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 01:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 01:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 01:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 01:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 01:06	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 01:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 01:06	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 01:06	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 01:06	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 01:06	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 01:06	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 01:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 01:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 01:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/15/08 01:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 01:06	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/15/08 01:06	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 01:06	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		05/15/08 01:06	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		05/15/08 01:06	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/15/08 01:06	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: MW-104 **Lab ID: 403670014** Collected: 05/05/08 19:25 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 01:30	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 01:30	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 01:30	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 01:30	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 01:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 01:30	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 01:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 01:30	56-23-5	
Chlorobenzene	**3.3**	ug/L	1.0	0.41	1		05/15/08 01:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 01:30	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 01:30	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 01:30	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 01:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 01:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 01:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 01:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 01:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 01:30	541-73-1	
1,4-Dichlorobenzene	**1.8**	ug/L	1.0	0.95	1		05/15/08 01:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 01:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 01:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 01:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 01:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/15/08 01:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 01:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 01:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 01:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 01:30	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 01:30	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 01:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 01:30	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 01:30	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 01:30	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 01:30	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 01:30	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 01:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 01:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 01:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/15/08 01:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 01:30	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/15/08 01:30	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 01:30	1330-20-7	
4-Bromofluorobenzene (S)	83	%	64-132		1		05/15/08 01:30	460-00-4	
Dibromofluoromethane (S)	86	%	68-122		1		05/15/08 01:30	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/15/08 01:30	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-101 **Lab ID: 403670015** Collected: 05/06/08 08:20 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 01:53	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 01:53	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 01:53	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 01:53	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 01:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 01:53	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 01:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 01:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/15/08 01:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 01:53	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 01:53	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 01:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 01:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 01:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 01:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 01:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 01:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 01:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/15/08 01:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 01:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 01:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 01:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 01:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/15/08 01:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 01:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 01:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 01:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 01:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 01:53	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 01:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 01:53	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 01:53	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 01:53	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 01:53	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 01:53	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 01:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 01:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 01:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/15/08 01:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 01:53	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/15/08 01:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 01:53	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/15/08 01:53	460-00-4	
Dibromofluoromethane (S)	87	%	68-122		1		05/15/08 01:53	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/15/08 01:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: MW-101 **Lab ID: 403670016** Collected: 05/06/08 09:10 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 02:17	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 02:17	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 02:17	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 02:17	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 02:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 02:17	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 02:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 02:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/15/08 02:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 02:17	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 02:17	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 02:17	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 02:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 02:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 02:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 02:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 02:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 02:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/15/08 02:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 02:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 02:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 02:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 02:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/15/08 02:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 02:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 02:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 02:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 02:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 02:17	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 02:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 02:17	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 02:17	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 02:17	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 02:17	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 02:17	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 02:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 02:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 02:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/15/08 02:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 02:17	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/15/08 02:17	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 02:17	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		05/15/08 02:17	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		05/15/08 02:17	1868-53-7	
Toluene-d8 (S)	92	%	73-127		1		05/15/08 02:17	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-108 **Lab ID: 403670017** Collected: 05/06/08 10:10 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 02:41	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 02:41	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 02:41	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 02:41	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 02:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 02:41	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 02:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 02:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/15/08 02:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 02:41	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 02:41	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 02:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 02:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 02:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 02:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 02:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 02:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 02:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/15/08 02:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 02:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 02:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 02:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 02:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/15/08 02:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 02:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 02:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 02:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 02:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 02:41	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 02:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 02:41	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 02:41	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 02:41	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 02:41	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 02:41	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 02:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 02:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 02:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/15/08 02:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 02:41	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/15/08 02:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 02:41	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/15/08 02:41	460-00-4	
Dibromofluoromethane (S)	90	%	68-122		1		05/15/08 02:41	1868-53-7	
Toluene-d8 (S)	94	%	73-127		1		05/15/08 02:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: MW-108 **Lab ID: 403670018** Collected: 05/06/08 10:45 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 03:04	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 03:04	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 03:04	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 03:04	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 03:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 03:04	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 03:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 03:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/15/08 03:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 03:04	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 03:04	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 03:04	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 03:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 03:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 03:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 03:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 03:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 03:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/15/08 03:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 03:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 03:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 03:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 03:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/15/08 03:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 03:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 03:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 03:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 03:04	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 03:04	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 03:04	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 03:04	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 03:04	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 03:04	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 03:04	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 03:04	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 03:04	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 03:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 03:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/15/08 03:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 03:04	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/15/08 03:04	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 03:04	1330-20-7	
4-Bromofluorobenzene (S)	83	%	64-132		1		05/15/08 03:04	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		05/15/08 03:04	1868-53-7	
Toluene-d8 (S)	95	%	73-127		1		05/15/08 03:04	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: MW-3B **Lab ID: 403670019** Collected: 05/06/08 11:50 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 03:28	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 03:28	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 03:28	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 03:28	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 03:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 03:28	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 03:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 03:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/15/08 03:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 03:28	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 03:28	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 03:28	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 03:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 03:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 03:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 03:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 03:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 03:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/15/08 03:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 03:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 03:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 03:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 03:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/15/08 03:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 03:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 03:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 03:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 03:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 03:28	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 03:28	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 03:28	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 03:28	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 03:28	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 03:28	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 03:28	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 03:28	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 03:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 03:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/15/08 03:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 03:28	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/15/08 03:28	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 03:28	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/15/08 03:28	460-00-4	
Dibromofluoromethane (S)	87	%	68-122		1		05/15/08 03:28	1868-53-7	
Toluene-d8 (S)	94	%	73-127		1		05/15/08 03:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: MW-3A **Lab ID: 403670020** Collected: 05/06/08 12:40 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/15/08 03:51	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/15/08 03:51	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/15/08 03:51	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/15/08 03:51	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/15/08 03:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/15/08 03:51	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/15/08 03:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/15/08 03:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/15/08 03:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/15/08 03:51	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/15/08 03:51	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/15/08 03:51	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/15/08 03:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/15/08 03:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/15/08 03:51	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/15/08 03:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/15/08 03:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/15/08 03:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/15/08 03:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/15/08 03:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/15/08 03:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/15/08 03:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/15/08 03:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/15/08 03:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/15/08 03:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/15/08 03:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 03:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/15/08 03:51	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/15/08 03:51	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/15/08 03:51	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/15/08 03:51	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/15/08 03:51	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/15/08 03:51	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/15/08 03:51	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/15/08 03:51	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/15/08 03:51	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/15/08 03:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/15/08 03:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/15/08 03:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/15/08 03:51	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/15/08 03:51	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/15/08 03:51	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		05/15/08 03:51	460-00-4	
Dibromofluoromethane (S)	87	%	68-122		1		05/15/08 03:51	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/15/08 03:51	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-113A **Lab ID: 403670021** Collected: 05/06/08 13:50 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/13/08 22:36	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/13/08 22:36	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/13/08 22:36	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/13/08 22:36	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/13/08 22:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/13/08 22:36	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/13/08 22:36	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/13/08 22:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/13/08 22:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/13/08 22:36	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/13/08 22:36	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/13/08 22:36	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/13/08 22:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/13/08 22:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/13/08 22:36	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/13/08 22:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/13/08 22:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/13/08 22:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/13/08 22:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/13/08 22:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/13/08 22:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/13/08 22:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/13/08 22:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/13/08 22:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/13/08 22:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/13/08 22:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 22:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 22:36	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/13/08 22:36	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/13/08 22:36	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/13/08 22:36	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/13/08 22:36	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/13/08 22:36	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/13/08 22:36	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/13/08 22:36	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/13/08 22:36	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/13/08 22:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/13/08 22:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/13/08 22:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/13/08 22:36	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/13/08 22:36	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/13/08 22:36	1330-20-7	
4-Bromofluorobenzene (S)	84	%	64-132		1		05/13/08 22:36	460-00-4	
Dibromofluoromethane (S)	91	%	68-122		1		05/13/08 22:36	1868-53-7	
Toluene-d8 (S)	90	%	73-127		1		05/13/08 22:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-113B **Lab ID: 403670022** Collected: 05/06/08 14:25 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/13/08 23:00	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/13/08 23:00	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/13/08 23:00	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/13/08 23:00	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/13/08 23:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/13/08 23:00	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/13/08 23:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/13/08 23:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/13/08 23:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/13/08 23:00	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/13/08 23:00	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/13/08 23:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/13/08 23:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/13/08 23:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/13/08 23:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/13/08 23:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/13/08 23:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/13/08 23:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/13/08 23:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/13/08 23:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/13/08 23:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/13/08 23:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/13/08 23:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/13/08 23:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/13/08 23:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/13/08 23:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 23:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 23:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/13/08 23:00	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/13/08 23:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/13/08 23:00	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/13/08 23:00	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/13/08 23:00	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/13/08 23:00	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/13/08 23:00	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/13/08 23:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/13/08 23:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/13/08 23:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/13/08 23:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/13/08 23:00	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/13/08 23:00	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/13/08 23:00	1330-20-7	
4-Bromofluorobenzene (S)	84	%	64-132		1		05/13/08 23:00	460-00-4	
Dibromofluoromethane (S)	91	%	68-122		1		05/13/08 23:00	1868-53-7	
Toluene-d8 (S)	92	%	73-127		1		05/13/08 23:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-115 **Lab ID: 403670023** Collected: 05/06/08 15:30 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/13/08 23:23	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/13/08 23:23	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/13/08 23:23	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/13/08 23:23	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/13/08 23:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/13/08 23:23	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/13/08 23:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/13/08 23:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/13/08 23:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/13/08 23:23	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/13/08 23:23	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/13/08 23:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/13/08 23:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/13/08 23:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/13/08 23:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/13/08 23:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/13/08 23:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/13/08 23:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/13/08 23:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/13/08 23:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/13/08 23:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/13/08 23:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/13/08 23:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/13/08 23:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/13/08 23:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/13/08 23:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 23:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 23:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/13/08 23:23	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/13/08 23:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/13/08 23:23	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/13/08 23:23	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/13/08 23:23	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/13/08 23:23	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/13/08 23:23	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/13/08 23:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/13/08 23:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/13/08 23:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/13/08 23:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/13/08 23:23	75-69-4	
Vinyl chloride	**1.1**	ug/L	0.60	0.18	1		05/13/08 23:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/13/08 23:23	1330-20-7	
4-Bromofluorobenzene (S)	84	%	64-132		1		05/13/08 23:23	460-00-4	
Dibromofluoromethane (S)	91	%	68-122		1		05/13/08 23:23	1868-53-7	
Toluene-d8 (S)	92	%	73-127		1		05/13/08 23:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-114 **Lab ID: 403670024** Collected: 05/06/08 16:25 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/13/08 23:47	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/13/08 23:47	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/13/08 23:47	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/13/08 23:47	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/13/08 23:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/13/08 23:47	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/13/08 23:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/13/08 23:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/13/08 23:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/13/08 23:47	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/13/08 23:47	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/13/08 23:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/13/08 23:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/13/08 23:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/13/08 23:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/13/08 23:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/13/08 23:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/13/08 23:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/13/08 23:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/13/08 23:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/13/08 23:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/13/08 23:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/13/08 23:47	75-35-4	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.83	1		05/13/08 23:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/13/08 23:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/13/08 23:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 23:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 23:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/13/08 23:47	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/13/08 23:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/13/08 23:47	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/13/08 23:47	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/13/08 23:47	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/13/08 23:47	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/13/08 23:47	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/13/08 23:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/13/08 23:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/13/08 23:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/13/08 23:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/13/08 23:47	75-69-4	
Vinyl chloride	**6.6**	ug/L	0.60	0.18	1		05/13/08 23:47	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/13/08 23:47	1330-20-7	
4-Bromofluorobenzene (S)	83	%	64-132		1		05/13/08 23:47	460-00-4	
Dibromofluoromethane (S)	91	%	68-122		1		05/13/08 23:47	1868-53-7	
Toluene-d8 (S)	90	%	73-127		1		05/13/08 23:47	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: P-116 **Lab ID: 403670025** Collected: 05/06/08 17:10 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/14/08 00:10	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/14/08 00:10	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 00:10	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 00:10	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 00:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 00:10	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 00:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 00:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/14/08 00:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 00:10	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 00:10	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 00:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 00:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 00:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 00:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 00:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 00:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 00:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/14/08 00:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 00:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 00:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 00:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 00:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 00:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 00:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 00:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 00:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 00:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/14/08 00:10	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 00:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 00:10	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/14/08 00:10	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 00:10	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 00:10	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/14/08 00:10	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/14/08 00:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 00:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 00:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 00:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 00:10	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/14/08 00:10	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/14/08 00:10	1330-20-7	
4-Bromofluorobenzene (S)	85	%	64-132		1		05/14/08 00:10	460-00-4	
Dibromofluoromethane (S)	93	%	68-122		1		05/14/08 00:10	1868-53-7	
Toluene-d8 (S)	92	%	73-127		1		05/14/08 00:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: LC-2 **Lab ID: 403670026** Collected: 05/06/08 17:25 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**15.2**	ug/L	5.0	2.3	1		05/14/08 00:34	67-64-1	
Benzene	**7.6**	ug/L	1.0	0.41	1		05/14/08 00:34	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/14/08 00:34	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/14/08 00:34	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/14/08 00:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/14/08 00:34	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/14/08 00:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/14/08 00:34	56-23-5	
Chlorobenzene	**58.2**	ug/L	1.0	0.41	1		05/14/08 00:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/14/08 00:34	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/14/08 00:34	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/14/08 00:34	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/14/08 00:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/14/08 00:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/14/08 00:34	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/14/08 00:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/14/08 00:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/14/08 00:34	541-73-1	
1,4-Dichlorobenzene	**13.1**	ug/L	1.0	0.95	1		05/14/08 00:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/14/08 00:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/14/08 00:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/14/08 00:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/14/08 00:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/14/08 00:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/14/08 00:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/14/08 00:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 00:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/14/08 00:34	10061-02-6	
Ethylbenzene	**43.3**	ug/L	1.0	0.54	1		05/14/08 00:34	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/14/08 00:34	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/14/08 00:34	1634-04-4	
Naphthalene	**11.3**	ug/L	5.0	0.74	1		05/14/08 00:34	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/14/08 00:34	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/14/08 00:34	127-18-4	
Tetrahydrofuran	**128**	ug/L	5.0	1.7	1		05/14/08 00:34	109-99-9	
Toluene	**2.1**	ug/L	1.0	0.67	1		05/14/08 00:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/14/08 00:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/14/08 00:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/14/08 00:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/14/08 00:34	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/14/08 00:34	75-01-4	
Xylene (Total)	**337**	ug/L	3.0	2.6	1		05/14/08 00:34	1330-20-7	
4-Bromofluorobenzene (S)	83	%	64-132		1		05/14/08 00:34	460-00-4	
Dibromofluoromethane (S)	88	%	68-122		1		05/14/08 00:34	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		05/14/08 00:34	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Sample: TRIP BLANK **Lab ID: 403670027** Collected: 05/06/08 17:50 Received: 05/09/08 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	5.0	2.3	1		05/13/08 19:03	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		05/13/08 19:03	71-43-2	
Bromodichloromethane	ND	ug/L	1.9	0.56	1		05/13/08 19:03	75-27-4	
Bromoform	ND	ug/L	3.1	0.94	1		05/13/08 19:03	75-25-2	
Bromomethane	ND	ug/L	3.0	0.91	1		05/13/08 19:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		05/13/08 19:03	78-93-3	
Carbon disulfide	ND	ug/L	1.0	0.66	1		05/13/08 19:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		05/13/08 19:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		05/13/08 19:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		05/13/08 19:03	75-00-3	
Chloroform	ND	ug/L	1.2	0.37	1		05/13/08 19:03	67-66-3	
Chloromethane	ND	ug/L	0.80	0.24	1		05/13/08 19:03	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.9	0.87	1		05/13/08 19:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		05/13/08 19:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.9	0.56	1		05/13/08 19:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		05/13/08 19:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		05/13/08 19:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		05/13/08 19:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		05/13/08 19:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		05/13/08 19:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		05/13/08 19:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		05/13/08 19:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		05/13/08 19:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		05/13/08 19:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		05/13/08 19:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		05/13/08 19:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 19:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.63	0.19	1		05/13/08 19:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		05/13/08 19:03	100-41-4	
Methylene Chloride	ND	ug/L	1.4	0.43	1		05/13/08 19:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.61	1		05/13/08 19:03	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.74	1		05/13/08 19:03	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		05/13/08 19:03	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		05/13/08 19:03	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		05/13/08 19:03	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		05/13/08 19:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		05/13/08 19:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.4	0.42	1		05/13/08 19:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		05/13/08 19:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		05/13/08 19:03	75-69-4	
Vinyl chloride	ND	ug/L	0.60	0.18	1		05/13/08 19:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		05/13/08 19:03	1330-20-7	
4-Bromofluorobenzene (S)	83	%	64-132		1		05/13/08 19:03	460-00-4	
Dibromofluoromethane (S)	92	%	68-122		1		05/13/08 19:03	1868-53-7	
Toluene-d8 (S)	91	%	73-127		1		05/13/08 19:03	2037-26-5	

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QUALITY CONTROL DATA

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

QC Batch: MSV/1628 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 403670001, 403670002, 403670003, 403670004, 403670005, 403670006, 403670007, 403670008, 403670009, 403670010, 403670011, 403670012, 403670013, 403670014, 403670015, 403670016, 403670017, 403670018, 403670019, 403670020

METHOD BLANK: 26685
Associated Lab Samples: 403670001, 403670002, 403670003, 403670004, 403670005, 403670006, 403670007, 403670008, 403670009, 403670010, 403670011, 403670012, 403670013, 403670014, 403670015, 403670016, 403670017, 403670018, 403670019, 403670020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	
1,1,2-Trichloroethane	ug/L	ND	1.4	
1,1-Dichloroethane	ug/L	ND	1.0	
1,1-Dichloroethene	ug/L	ND	1.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.9	
1,2-Dibromoethane (EDB)	ug/L	ND	1.9	
1,2-Dichlorobenzene	ug/L	ND	1.0	
1,2-Dichloroethane	ug/L	ND	1.0	
1,2-Dichloropropane	ug/L	ND	1.0	
1,3-Dichlorobenzene	ug/L	ND	1.0	
1,4-Dichlorobenzene	ug/L	ND	1.0	
2-Butanone (MEK)	ug/L	ND	5.0	
Acetone	ug/L	ND	5.0	
Benzene	ug/L	ND	1.0	
Bromodichloromethane	ug/L	ND	1.9	
Bromoform	ug/L	ND	3.1	
Bromomethane	ug/L	ND	3.0	
Carbon disulfide	ug/L	ND	1.0	
Carbon tetrachloride	ug/L	ND	1.0	
Chlorobenzene	ug/L	ND	1.0	
Chloroethane	ug/L	ND	1.0	
Chloroform	ug/L	ND	1.2	
Chloromethane	ug/L	ND	0.80	
cis-1,2-Dichloroethene	ug/L	ND	1.0	
cis-1,3-Dichloropropene	ug/L	ND	0.63	
Dibromochloromethane	ug/L	ND	1.0	
Dibromomethane	ug/L	ND	1.0	
Dichlorodifluoromethane	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
Methyl-tert-butyl ether	ug/L	ND	2.0	
Methylene Chloride	ug/L	ND	1.4	
Naphthalene	ug/L	ND	5.0	
Styrene	ug/L	ND	1.0	
Tetrachloroethene	ug/L	ND	1.0	
Tetrahydrofuran	ug/L	ND	5.0	
Toluene	ug/L	ND	1.0	
trans-1,2-Dichloroethene	ug/L	ND	1.0	
trans-1,3-Dichloropropene	ug/L	ND	0.63	
Trichloroethene	ug/L	ND	1.0	

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QUALITY CONTROL DATA

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

METHOD BLANK: 26685

Associated Lab Samples: 403670001, 403670002, 403670003, 403670004, 403670005, 403670006, 403670007, 403670008, 403670009, 403670010, 403670011, 403670012, 403670013, 403670014, 403670015, 403670016, 403670017, 403670018, 403670019, 403670020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Trichlorofluoromethane	ug/L	ND	1.0	
Vinyl chloride	ug/L	ND	0.60	
Xylene (Total)	ug/L	ND	3.0	
4-Bromofluorobenzene (S)	%	81	64-132	
Dibromofluoromethane (S)	%	86	68-122	
Toluene-d8 (S)	%	92	73-127	

LABORATORY CONTROL SAMPLE & LCSD: 26686 26687

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.3	46.9	97	94	75-128	3	20	
1,1,2-Trichloroethane	ug/L	50	51.4	52.7	103	105	75-125	2	20	
1,1-Dichloroethane	ug/L	50	51.4	50.2	103	100	71-130	2	20	
1,1-Dichloroethene	ug/L	50	55.9	53.5	112	107	75-125	4	20	
1,2-Dichloroethane	ug/L	50	45.1	44.8	90	90	71-132	.9	20	
1,2-Dichloropropane	ug/L	50	54.3	53.3	109	107	73-125	2	20	
2-Butanone (MEK)	ug/L	50	43.5	43.2	87	86	59-130	.6	20	
Acetone	ug/L	50	43.2	41.9	86	84	31-150	3	20	
Benzene	ug/L	50	50.8	49.6	102	99	75-125	2	20	
Bromodichloromethane	ug/L	50	49.1	49.3	98	99	75-125	.4	20	
Bromoform	ug/L	50	39.1	41.3	78	83	75-125	5	20	
Bromomethane	ug/L	50	45.7	45.4	91	91	66-125	.7	20	
Carbon disulfide	ug/L	50	51.0	50.0	102	100	71-128	2	20	
Carbon tetrachloride	ug/L	50	49.0	48.4	98	97	75-125	1	20	
Chlorobenzene	ug/L	50	51.9	51.5	104	103	75-125	.7	20	
Chloroethane	ug/L	50	50.4	49.0	101	98	72-126	3	20	
Chloroform	ug/L	50	48.5	46.6	97	93	75-125	4	20	
Chloromethane	ug/L	50	47.2	47.4	94	95	46-143	.4	20	
cis-1,2-Dichloroethene	ug/L	50	52.2	50.9	104	102	75-125	2	20	
cis-1,3-Dichloropropene	ug/L	50	51.9	52.1	104	104	75-125	.5	20	
Dibromochloromethane	ug/L	50	42.3	44.1	85	88	75-125	4	20	
Ethylbenzene	ug/L	50	50.4	50.3	101	101	75-125	.2	20	
Methylene Chloride	ug/L	50	50.5	48.6	101	97	75-125	4	20	
Styrene	ug/L	50	47.4	49.2	95	98	75-125	4	20	
Tetrachloroethene	ug/L	50	51.8	52.3	104	105	75-130	1	20	
Toluene	ug/L	50	50.8	51.4	102	103	75-125	1	20	
trans-1,2-Dichloroethene	ug/L	50	52.4	51.8	105	104	75-125	1	20	
trans-1,3-Dichloropropene	ug/L	50	44.3	45.5	89	91	75-125	3	20	
Trichloroethene	ug/L	50	53.0	52.5	106	105	75-125	.9	20	
Vinyl chloride	ug/L	50	49.2	48.0	98	96	65-130	2	20	
Xylene (Total)	ug/L	150	155	155	103	104	75-125	.2	20	
4-Bromofluorobenzene (S)	%				81	81	64-132			
Dibromofluoromethane (S)	%				89	88	68-122			
Toluene-d8 (S)	%				92	92	73-127			

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QUALITY CONTROL DATA

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 28122 28123

Parameter	Units	403670005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	46.0	46.4	92	93	70-130	.8	30	
1,1,2-Trichloroethane	ug/L	ND	50	50	52.9	53.7	106	107	70-130	1	30	
1,1-Dichloroethane	ug/L	ND	50	50	49.6	50.4	99	101	70-130	2	30	
1,1-Dichloroethene	ug/L	ND	50	50	52.8	52.9	106	106	70-135	.2	30	
1,2-Dichloroethane	ug/L	ND	50	50	45.0	44.6	90	89	70-130	.8	30	
1,2-Dichloropropane	ug/L	ND	50	50	54.1	54.0	108	108	70-130	.2	30	
2-Butanone (MEK)	ug/L	ND	50	50	43.4	43.4	87	87	51-130	.09	30	
Acetone	ug/L	ND	50	50	43.4	44.0	87	88	42-132	2	30	
Benzene	ug/L	ND	50	50	48.6	49.0	97	98	70-130	.7	30	
Bromodichloromethane	ug/L	ND	50	50	49.9	51.4	100	103	70-130	3	30	
Bromoform	ug/L	ND	50	50	43.6	43.8	87	88	70-130	.5	30	
Bromomethane	ug/L	ND	50	50	41.1	40.4	82	81	63-147	2	30	
Carbon disulfide	ug/L	ND	50	50	50.4	49.3	101	99	56-142	2	30	
Carbon tetrachloride	ug/L	ND	50	50	47.3	47.9	95	96	70-131	1	30	
Chlorobenzene	ug/L	ND	50	50	52.7	52.3	104	103	70-130	.7	30	
Chloroethane	ug/L	ND	50	50	47.4	45.5	95	91	67-138	4	30	
Chloroform	ug/L	ND	50	50	47.0	47.4	94	95	70-130	.8	30	
Chloromethane	ug/L	ND	50	50	45.5	45.0	91	90	43-150	1	30	
cis-1,2-Dichloroethene	ug/L	15.7	50	50	66.8	67.1	102	103	70-130	.4	30	
cis-1,3-Dichloropropene	ug/L	ND	50	50	54.4	54.6	109	109	70-130	.5	30	
Dibromochloromethane	ug/L	ND	50	50	45.7	46.3	91	93	70-130	1	30	
Ethylbenzene	ug/L	ND	50	50	51.0	51.1	102	102	70-136	.2	30	
Methylene Chloride	ug/L	ND	50	50	48.2	46.9	96	94	70-130	3	30	
Styrene	ug/L	ND	50	50	49.3	48.8	97	96	70-130	1	30	
Tetrachloroethene	ug/L	ND	50	50	52.1	53.5	104	107	70-130	3	30	
Toluene	ug/L	ND	50	50	51.2	50.8	102	102	70-130	.8	30	
trans-1,2-Dichloroethene	ug/L	ND	50	50	51.3	50.9	103	102	70-130	.7	30	
trans-1,3-Dichloropropene	ug/L	ND	50	50	47.3	47.7	95	95	70-130	.9	30	
Trichloroethene	ug/L	3.4	50	50	55.6	56.6	104	106	70-130	2	30	
Vinyl chloride	ug/L	ND	50	50	45.7	45.7	91	91	62-138	.1	30	
Xylene (Total)	ug/L	ND	150	150	157	157	105	105	70-130	.2	30	
4-Bromofluorobenzene (S)	%						83	82	64-132			
Dibromofluoromethane (S)	%						88	86	68-122			
Toluene-d8 (S)	%						94	92	73-127			

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QUALITY CONTROL DATA

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

QC Batch: MSV/1636 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 403670021, 403670022, 403670023, 403670024, 403670025, 403670026, 403670027

METHOD BLANK: 26727

Associated Lab Samples: 403670021, 403670022, 403670023, 403670024, 403670025, 403670026, 403670027

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	
1,1,2-Trichloroethane	ug/L	ND	1.4	
1,1-Dichloroethane	ug/L	ND	1.0	
1,1-Dichloroethene	ug/L	ND	1.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.9	
1,2-Dibromoethane (EDB)	ug/L	ND	1.9	
1,2-Dichlorobenzene	ug/L	ND	1.0	
1,2-Dichloroethane	ug/L	ND	1.0	
1,2-Dichloropropane	ug/L	ND	1.0	
1,3-Dichlorobenzene	ug/L	ND	1.0	
1,4-Dichlorobenzene	ug/L	ND	1.0	
2-Butanone (MEK)	ug/L	ND	5.0	
Acetone	ug/L	ND	5.0	
Benzene	ug/L	ND	1.0	
Bromodichloromethane	ug/L	ND	1.9	
Bromoform	ug/L	ND	3.1	
Bromomethane	ug/L	ND	3.0	
Carbon disulfide	ug/L	ND	1.0	
Carbon tetrachloride	ug/L	ND	1.0	
Chlorobenzene	ug/L	ND	1.0	
Chloroethane	ug/L	ND	1.0	
Chloroform	ug/L	ND	1.2	
Chloromethane	ug/L	ND	0.80	
cis-1,2-Dichloroethene	ug/L	ND	1.0	
cis-1,3-Dichloropropene	ug/L	ND	0.63	
Dibromochloromethane	ug/L	ND	1.0	
Dibromomethane	ug/L	ND	1.0	
Dichlorodifluoromethane	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
Methyl-tert-butyl ether	ug/L	ND	2.0	
Methylene Chloride	ug/L	ND	1.4	
Naphthalene	ug/L	ND	5.0	
Styrene	ug/L	ND	1.0	
Tetrachloroethene	ug/L	ND	1.0	
Tetrahydrofuran	ug/L	ND	5.0	
Toluene	ug/L	ND	1.0	
trans-1,2-Dichloroethene	ug/L	ND	1.0	
trans-1,3-Dichloropropene	ug/L	ND	0.63	
Trichloroethene	ug/L	ND	1.0	
Trichlorofluoromethane	ug/L	ND	1.0	
Vinyl chloride	ug/L	ND	0.60	
Xylene (Total)	ug/L	ND	3.0	
4-Bromofluorobenzene (S)	%	84	64-132	

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Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

METHOD BLANK: 26727

Associated Lab Samples: 403670021, 403670022, 403670023, 403670024, 403670025, 403670026, 403670027

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromofluoromethane (S)	%	93	68-122	
Toluene-d8 (S)	%	92	73-127	

LABORATORY CONTROL SAMPLE & LCSD: 26728 26729

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.0	49.2	100	98	75-128	1	20	
1,1,2-Trichloroethane	ug/L	50	53.7	52.0	107	104	75-125	3	20	
1,1-Dichloroethane	ug/L	50	53.5	52.1	107	104	71-130	3	20	
1,1-Dichloroethene	ug/L	50	54.1	52.7	108	105	75-125	3	20	
1,2-Dichloroethane	ug/L	50	48.3	46.9	97	94	71-132	3	20	
1,2-Dichloropropane	ug/L	50	55.6	55.6	111	111	73-125	.002	20	
2-Butanone (MEK)	ug/L	50	44.2	43.4	88	87	59-130	2	20	
Acetone	ug/L	50	47.1	47.8	94	96	31-150	1	20	
Benzene	ug/L	50	52.1	51.8	104	104	75-125	.5	20	
Bromodichloromethane	ug/L	50	50.3	51.2	101	102	75-125	2	20	
Bromoform	ug/L	50	39.8	40.9	80	82	75-125	3	20	
Bromomethane	ug/L	50	40.8	45.0	82	90	66-125	10	20	
Carbon disulfide	ug/L	50	49.5	49.0	99	98	71-128	1	20	
Carbon tetrachloride	ug/L	50	50.9	50.0	102	100	75-125	2	20	
Chlorobenzene	ug/L	50	51.4	50.9	103	102	75-125	.8	20	
Chloroethane	ug/L	50	48.0	47.6	96	95	72-126	.8	20	
Chloroform	ug/L	50	50.4	49.1	101	98	75-125	3	20	
Chloromethane	ug/L	50	36.0	35.8	72	72	46-143	.7	20	
cis-1,2-Dichloroethene	ug/L	50	53.9	52.0	108	104	75-125	4	20	
cis-1,3-Dichloropropene	ug/L	50	54.0	54.7	108	109	75-125	1	20	
Dibromochloromethane	ug/L	50	43.7	44.0	87	88	75-125	.6	20	
Ethylbenzene	ug/L	50	51.5	50.0	103	100	75-125	3	20	
Methylene Chloride	ug/L	50	50.2	49.4	100	99	75-125	2	20	
Styrene	ug/L	50	47.9	47.5	96	95	75-125	.8	20	
Tetrachloroethene	ug/L	50	51.6	51.2	103	102	75-130	.6	20	
Toluene	ug/L	50	51.4	50.2	103	100	75-125	2	20	
trans-1,2-Dichloroethene	ug/L	50	53.3	52.5	107	105	75-125	2	20	
trans-1,3-Dichloropropene	ug/L	50	46.1	45.8	92	92	75-125	.6	20	
Trichloroethene	ug/L	50	54.0	54.6	108	109	75-125	1	20	
Vinyl chloride	ug/L	50	42.2	41.8	84	84	65-130	1	20	
Xylene (Total)	ug/L	150	155	155	103	103	75-125	.09	20	
4-Bromofluorobenzene (S)	%				85	82	64-132			
Dibromofluoromethane (S)	%				91	91	68-122			
Toluene-d8 (S)	%				93	91	73-127			

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QUALIFIERS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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www.pacelabs.com

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403670

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
403670001	P-103D	EPA 8260	MSV/1628		
403670002	P-103D DUP	EPA 8260	MSV/1628		
403670003	P-103	EPA 8260	MSV/1628		
403670004	P-103 DUP	EPA8260	MSV/1628		
403670005	MW-103	EPA 8260	MSV/1628		
403670006	P-111D	EPA 8260	MSV/1628		
403670007	P-111	EPA 8260	MSV/1628		
403670008	MW-111	EPA 8260	MSV/1628		
403670009	P-107D	EPA 8260	MSV/1628		
403670010	P-107	EPA 8260	MSV/1628		
403670011	MW-107	EPA 8260	MSV/1628		
403670012	MW-112	EPA 8260	MSV/1628		
403670013	P-104	EPA 8260	MSV/1628		
403670014	MW-104	EPA8260	MSV/1628		
403670015	P-101	EPA 8260	MSV/1628		
403670016	MW-101	EPA 8260	MSV/1628		
403670017	P-108	EPA8260	MSV/1628		
403670018	MW-108	EPA 8260	MSV/1628		
403670019	MW-3B	EPA 8260	MSV/1628		
403670020	MW-3A	EPA 8260	MSV/1628		
403670021	P-113A	EPA 8260	MSV/1636		
403670022	P-113B	EPA 8260	MSV/1636		
403670023	P-115	EPA 8260	MSV/1636		
403670024	P-114	EPA 8260	MSV/1636		
403670025	P-116	EPA 8260	MSV/1636		
403670026	LC-2	EPA 8260	MSV/1636		
403670027	TRIP BLANK	EPA 8260	MSV/1636		

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1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

May 21, 2008

Raelyn Sylvester
Pace Analytical Pittsburgh
5203 Triangle Lane
Export, PA 15632

RE: Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403669

Dear Raelyn Sylvester:
Enclosed are the analytical results for sample(s) received by the laboratory on May 09, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Eric Wied

eric.wied@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403669

Green Bay Certification IDs

Florida (NELAP) Certification #: E87948
Illinois Certification #: 200050
California Certification #: 06246CA
New York Certification #: 11888
North Dakota Certification #: R-150
North Carolina Certification #: 503
Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 82
Louisiana Certification #: 04168

Green Bay Volatiles Certification IDs

Florida (NELAP) Certification #: E87951
California Certification #: 06247CA
Illinois Certification #: 200051
New York Certification #: 11887
North Dakota Certification #: R-200
North Carolina Certification #: 503
Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 83
Louisiana Certification #: 04169

Pace Analytical Services, Inc.
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SAMPLE SUMMARY

Project: 1011.005.09 FF/NN LANDFILL
Pace Project No.: 403669

Lab ID	Sample ID	Matrix	Date Collected	Date Received
403669001	GAASTRA	Water	05/06/08 17:50	05/09/08 15:40
403669002	ROHDE	Water	05/06/08 18:15	05/09/08 15:40
403669003	PERRY/WATKINS	Water	05/06/08 18:50	05/09/08 15:40
403669004	TRIP BLANK	Water	05/06/08 18:50	05/09/08 15:40

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 118062
NLS Customer: 94575

Fax: 920 469 8827 Phone: 800 736 2436

Client: Pace Analytical Services Inc (GB)
Attn: Brian D Basten
1241 Bellevue Street
Green Bay,WI 54302 2156

Project: 403669

403669-001(Gastra) NLS ID: 477692
Matrix: DW
Collected: 05/06/08 00:00 Received: 05/13/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					05/15/08	EPA 524.2	721026460

403669-002(Rohde) NLS ID: 477693
Matrix: DW
Collected: 05/06/08 00:00 Received: 05/13/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					05/15/08	EPA 524.2	721026460

403669-003(Perry) NLS ID: 477694
Matrix: DW
Collected: 05/06/08 00:00 Received: 05/13/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					05/15/08	EPA 524.2	721026460

403669-004(TB) NLS ID: 477695
Matrix: TB
Collected: 05/06/08 00:00 Received: 05/13/08

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					05/15/08	EPA 524.2	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected (< LOD) 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by: _____

Authorized by:
R. T. Krueger
President

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)

Customer: Pace Analytical Services Inc (GB) **NLS Project: 118062**

Project Description: 403669

Project Title: **Template: SAT3PACE** **Printed: 05/20/2008 17:05**

Sample: 477692 403669-001(Gastra) Collected: 05/06/08 Analyzed: 05/15/08

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.15	0.54		
Bromobenzene	ND	ug/L	1	0.23	0.82		
Bromochloromethane	ND	ug/L	1	0.20	0.70		
Bromodichloromethane	ND	ug/L	1	0.20	0.72		
Bromoform	ND	ug/L	1	0.19	0.66		
Bromomethane	ND	ug/L	1	0.28	0.99		
n-Butylbenzene	ND	ug/L	1	0.14	0.51		
sec-Butylbenzene	ND	ug/L	1	0.16	0.58		
tert-Butylbenzene	ND	ug/L	1	0.17	0.59		
Carbon Tetrachloride	ND	ug/L	1	0.14	0.50		
Chlorobenzene	ND	ug/L	1	0.21	0.73		
Chloroethane	ND	ug/L	1	0.79	2.8		
Chloroform	ND	ug/L	1	0.20	0.70		
Chloromethane	ND	ug/L	1	0.31	1.1		
2-Chlorotoluene	ND	ug/L	1	0.21	0.73		
4-Chlorotoluene	ND	ug/L	1	0.17	0.61		
Dibromochloromethane	ND	ug/L	1	0.23	0.81		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.37	1.3		
1,2-Dibromoethane	ND	ug/L	1	0.31	1.1		
Dibromomethane	ND	ug/L	1	0.21	0.75		
1,2-Dichlorobenzene	ND	ug/L	1	0.19	0.68		
1,3-Dichlorobenzene	ND	ug/L	1	0.22	0.77		
1,4-Dichlorobenzene	ND	ug/L	1	0.19	0.68		
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.46		
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74		
1,2-Dichloroethane	ND	ug/L	1	0.23	0.82		
1,1-Dichloroethene	ND	ug/L	1	0.13	0.46		
cis-1,2-Dichloroethene	ND	ug/L	1	0.20	0.70		
trans-1,2-Dichloroethene	ND	ug/L	1	0.19	0.66		
1,2-Dichloropropane	ND	ug/L	1	0.23	0.81		
1,3-Dichloropropane	ND	ug/L	1	0.28	0.98		
2,2-Dichloropropane	ND	ug/L	1	0.37	1.3		
1,1-Dichloropropene	ND	ug/L	1	0.12	0.44		
cis-1,3-Dichloropropene	ND	ug/L	1	0.18	0.63		
trans-1,3-Dichloropropene	ND	ug/L	1	0.23	0.82		
Ethylbenzene	ND	ug/L	1	0.15	0.55		
Hexachlorobutadiene	ND	ug/L	1	0.18	0.64		
Isopropylbenzene	ND	ug/L	1	0.17	0.61		
p-Isopropyltoluene	ND	ug/L	1	0.15	0.53		
Methylene chloride	[0.54]	ug/L	1	0.40	0.85		BD LC CC LB
Naphthalene	ND	ug/L	1	0.20	0.70		
n-Propylbenzene	ND	ug/L	1	0.19	0.69		
ortho-Xylene	ND	ug/L	1	0.20	0.70		
Styrene	ND	ug/L	1	0.15	0.53		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.22	0.77		
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.23	0.78		
Tetrachloroethene	ND	ug/L	1	0.15	0.53		
Toluene	ND	ug/L	1	0.18	0.64		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.83		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.21	0.75		
1,1,1-Trichloroethane	ND	ug/L	1	0.15	0.53		
1,1,2-Trichloroethane	ND	ug/L	1	0.26	0.91		

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 118062**
Project Description: 403669
Project Title: **Template: SAT3PACE** **Printed: 05/20/2008 17:05**

Sample: 477692 403669-001(Gastra) Collected: 05/06/08 Analyzed: 05/15/08

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichloroethene	ND	ug/L	1	0.18	0.64		
Trichlorofluoromethane	ND	ug/L	1	0.27	0.97		
1,2,3-Trichloropropane	ND	ug/L	1	0.21	0.71		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.62		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.66		
Vinyl chloride	ND	ug/L	1	0.11	0.38		
meta,para-Xylene	ND	ug/L	1	0.36	1.3		
MTBE	ND	ug/L	1	0.27	0.96		
Acetone	ND	ug/L	1	3.3	12		LC
Carbon disulfide	ND	ug/L	1	0.13	0.45		
Vinyl Acetate	ND	ug/L	1	1.0	3.6		
Methyl ethyl ketone	ND	ug/L	1	0.92	3.3		
4-Methyl-2-Pentanone	ND	ug/L	1	0.96	3.4		
2-Hexanone	ND	ug/L	1	1.3	4.7		
4-Bromofluorobenzene (SURR)	104.24%						S
1,2-Dichlorobenzene - d4 (SURR)	129.68%						S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
LB = Compound is suspected of being a laboratory contaminant.
CC = Continuing calibration verification standard recovery was outside QC limits.
Methylene chloride recovery 133.66%
LC = Laboratory control spike recovery was outside QC limits.
Acetone recovered above QC limits at 311.21%.
Methylene chloride recovered above QC limits at 311.21%.
BD = Compound was detected in the laboratory method blank.
Methylene chloride detected at 3.669 ug/L.

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 118062**
Project Description: 403669
Project Title: **Template: SAT3PACE** **Printed: 05/20/2008 17:05**

Sample: 477693 403669-002(Rohde) Collected: 05/06/08 Analyzed: 05/15/08

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.15	0.54		
Bromobenzene	ND	ug/L	1	0.23	0.82		
Bromochloromethane	ND	ug/L	1	0.20	0.70		
Bromodichloromethane	ND	ug/L	1	0.20	0.72		
Bromoform	ND	ug/L	1	0.19	0.66		
Bromomethane	ND	ug/L	1	0.28	0.99		
n-Butylbenzene	ND	ug/L	1	0.14	0.51		
sec-Butylbenzene	ND	ug/L	1	0.16	0.58		
tert-Butylbenzene	ND	ug/L	1	0.17	0.59		
Carbon Tetrachloride	ND	ug/L	1	0.14	0.50		
Chlorobenzene	ND	ug/L	1	0.21	0.73		
Chloroethane	ND	ug/L	1	0.79	2.8		
Chloroform	ND	ug/L	1	0.20	0.70		
Chloromethane	ND	ug/L	1	0.31	1.1		
2-Chlorotoluene	ND	ug/L	1	0.21	0.73		
4-Chlorotoluene	ND	ug/L	1	0.17	0.61		
Dibromochloromethane	ND	ug/L	1	0.23	0.81		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.37	1.3		
1,2-Dibromoethane	ND	ug/L	1	0.31	1.1		
Dibromomethane	ND	ug/L	1	0.21	0.75		
1,2-Dichlorobenzene	ND	ug/L	1	0.19	0.68		
1,3-Dichlorobenzene	ND	ug/L	1	0.22	0.77		
1,4-Dichlorobenzene	ND	ug/L	1	0.19	0.68		
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.46		
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74		
1,2-Dichloroethane	ND	ug/L	1	0.23	0.82		
1,1-Dichloroethene	ND	ug/L	1	0.13	0.46		
cis-1,2-Dichloroethene	ND	ug/L	1	0.20	0.70		
trans-1,2-Dichloroethene	ND	ug/L	1	0.19	0.66		
1,2-Dichloropropane	ND	ug/L	1	0.23	0.81		
1,3-Dichloropropane	ND	ug/L	1	0.28	0.98		
2,2-Dichloropropane	ND	ug/L	1	0.37	1.3		
1,1-Dichloropropene	ND	ug/L	1	0.12	0.44		
cis-1,3-Dichloropropene	ND	ug/L	1	0.18	0.63		
trans-1,3-Dichloropropene	ND	ug/L	1	0.23	0.82		
Ethylbenzene	ND	ug/L	1	0.15	0.55		
Hexachlorobutadiene	ND	ug/L	1	0.18	0.64		
Isopropylbenzene	ND	ug/L	1	0.17	0.61		
p-Isopropyltoluene	ND	ug/L	1	0.15	0.53		
Methylene chloride	[0.59]	ug/L	1	0.40	0.85		BD LC CC LB
Naphthalene	ND	ug/L	1	0.20	0.70		
n-Propylbenzene	ND	ug/L	1	0.19	0.69		
ortho-Xylene	ND	ug/L	1	0.20	0.70		
Styrene	ND	ug/L	1	0.15	0.53		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.22	0.77		
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.23	0.78		
Tetrachloroethene	ND	ug/L	1	0.15	0.53		
Toluene	ND	ug/L	1	0.18	0.64		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.83		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.21	0.75		
1,1,1-Trichloroethane	ND	ug/L	1	0.15	0.53		
1,1,2-Trichloroethane	ND	ug/L	1	0.26	0.91		

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 118062**
Project Description: 403669
Project Title: **Template: SAT3PACE** **Printed: 05/20/2008 17:05**

Sample: 477693 403669-002(Rohde) Collected: 05/06/08 Analyzed: 05/15/08

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichloroethene	ND	ug/L	1	0.18	0.64		
Trichlorofluoromethane	ND	ug/L	1	0.27	0.97		
1,2,3-Trichloropropane	ND	ug/L	1	0.21	0.71		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.62		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.66		
Vinyl chloride	ND	ug/L	1	0.11	0.38		
meta,para-Xylene	ND	ug/L	1	0.36	1.3		
MTBE	ND	ug/L	1	0.27	0.96		
Acetone	ND	ug/L	1	3.3	12		
Carbon disulfide	ND	ug/L	1	0.13	0.45		
Vinyl Acetate	ND	ug/L	1	1.0	3.6		
Methyl ethyl ketone	ND	ug/L	1	0.92	3.3		
4-Methyl-2-Pentanone	ND	ug/L	1	0.96	3.4		
2-Hexanone	ND	ug/L	1	1.3	4.7		
4-Bromofluorobenzene (SURR)	104.88%						S
1,2-Dichlorobenzene - d4 (SURR)	112.68%						S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
LB = Compound is suspected of being a laboratory contaminant.
CC = Continuing calibration verification standard recovery was outside QC limits.
Methylene chloride recovery 133.66%
LC = Laboratory control spike recovery was outside QC limits.
Methylene chloride recovered above QC limits at 311.21%.
BD = Compound was detected in the laboratory method blank.
Methylene chloride detected at 3.669 ug/L.

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 118062**
Project Description: 403669
Project Title: **Template: SAT3PACE** **Printed: 05/20/2008 17:05**

Sample: 477694 403669-003(Perry) Collected: 05/06/08 Analyzed: 05/15/08

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.15	0.54		
Bromobenzene	ND	ug/L	1	0.23	0.82		
Bromochloromethane	ND	ug/L	1	0.20	0.70		
Bromodichloromethane	ND	ug/L	1	0.20	0.72		
Bromoform	ND	ug/L	1	0.19	0.66		
Bromomethane	ND	ug/L	1	0.28	0.99		
n-Butylbenzene	ND	ug/L	1	0.14	0.51		
sec-Butylbenzene	ND	ug/L	1	0.16	0.58		
tert-Butylbenzene	ND	ug/L	1	0.17	0.59		
Carbon Tetrachloride	ND	ug/L	1	0.14	0.50		
Chlorobenzene	ND	ug/L	1	0.21	0.73		
Chloroethane	ND	ug/L	1	0.79	2.8		
Chloroform	ND	ug/L	1	0.20	0.70		
Chloromethane	ND	ug/L	1	0.31	1.1		
2-Chlorotoluene	ND	ug/L	1	0.21	0.73		
4-Chlorotoluene	ND	ug/L	1	0.17	0.61		
Dibromochloromethane	ND	ug/L	1	0.23	0.81		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.37	1.3		
1,2-Dibromoethane	ND	ug/L	1	0.31	1.1		
Dibromomethane	ND	ug/L	1	0.21	0.75		
1,2-Dichlorobenzene	ND	ug/L	1	0.19	0.68		
1,3-Dichlorobenzene	ND	ug/L	1	0.22	0.77		
1,4-Dichlorobenzene	ND	ug/L	1	0.19	0.68		
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.46		
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74		
1,2-Dichloroethane	ND	ug/L	1	0.23	0.82		
1,1-Dichloroethene	ND	ug/L	1	0.13	0.46		
cis-1,2-Dichloroethene	ND	ug/L	1	0.20	0.70		
trans-1,2-Dichloroethene	ND	ug/L	1	0.19	0.66		
1,2-Dichloropropane	ND	ug/L	1	0.23	0.81		
1,3-Dichloropropane	ND	ug/L	1	0.28	0.98		
2,2-Dichloropropane	ND	ug/L	1	0.37	1.3		
1,1-Dichloropropene	ND	ug/L	1	0.12	0.44		
cis-1,3-Dichloropropene	ND	ug/L	1	0.18	0.63		
trans-1,3-Dichloropropene	ND	ug/L	1	0.23	0.82		
Ethylbenzene	ND	ug/L	1	0.15	0.55		
Hexachlorobutadiene	ND	ug/L	1	0.18	0.64		
Isopropylbenzene	ND	ug/L	1	0.17	0.61		
p-Isopropyltoluene	ND	ug/L	1	0.15	0.53		
Methylene chloride	0.88	ug/L	1	0.40	0.85		BD LC CC LB
Naphthalene	ND	ug/L	1	0.20	0.70		
n-Propylbenzene	ND	ug/L	1	0.19	0.69		
ortho-Xylene	ND	ug/L	1	0.20	0.70		
Styrene	ND	ug/L	1	0.15	0.53		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.22	0.77		
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.23	0.78		
Tetrachloroethene	ND	ug/L	1	0.15	0.53		
Toluene	ND	ug/L	1	0.18	0.64		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.83		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.21	0.75		
1,1,1-Trichloroethane	ND	ug/L	1	0.15	0.53		
1,1,2-Trichloroethane	ND	ug/L	1	0.26	0.91		

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 118062**
Project Description: 403669
Project Title: **Template: SAT3PACE** **Printed: 05/20/2008 17:05**

Sample: 477694 403669-003(Perry) Collected: 05/06/08 Analyzed: 05/15/08

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichloroethene	ND	ug/L	1	0.18	0.64		
Trichlorofluoromethane	ND	ug/L	1	0.27	0.97		
1,2,3-Trichloropropane	ND	ug/L	1	0.21	0.71		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.62		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.66		
Vinyl chloride	ND	ug/L	1	0.11	0.38		
meta,para-Xylene	ND	ug/L	1	0.36	1.3		
MTBE	ND	ug/L	1	0.27	0.96		
Acetone	ND	ug/L	1	3.3	12		
Carbon disulfide	ND	ug/L	1	0.13	0.45		
Vinyl Acetate	ND	ug/L	1	1.0	3.6		
Methyl ethyl ketone	ND	ug/L	1	0.92	3.3		
4-Methyl-2-Pentanone	ND	ug/L	1	0.96	3.4		
2-Hexanone	ND	ug/L	1	1.3	4.7		
4-Bromofluorobenzene (SURR)	111.68%						S
1,2-Dichlorobenzene - d4 (SURR)	116.94%						S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.
LB = Compound is suspected of being a laboratory contaminant.
CC = Continuing calibration verification standard recovery was outside QC limits.
Methylene chloride recovery 133.66%
LC = Laboratory control spike recovery was outside QC limits.
Methylene chloride recovered above QC limits at 311.21%.
BD = Compound was detected in the laboratory method blank.
Methylene chloride detected at 3.669 ug/L.

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 118062**
Project Description: 403669
Project Title: **Template: SAT3PACE** **Printed: 05/20/2008 17:05**

Sample: 477695 403669-004(TB) Collected: 05/06/08 Analyzed: 05/15/08

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.15	0.54	
Bromobenzene	ND	ug/L	1	0.23	0.82	
Bromochloromethane	ND	ug/L	1	0.20	0.70	
Bromodichloromethane	ND	ug/L	1	0.20	0.72	
Bromoform	ND	ug/L	1	0.19	0.66	
Bromomethane	ND	ug/L	1	0.28	0.99	
n-Butylbenzene	ND	ug/L	1	0.14	0.51	
sec-Butylbenzene	ND	ug/L	1	0.16	0.58	
tert-Butylbenzene	ND	ug/L	1	0.17	0.59	
Carbon Tetrachloride	ND	ug/L	1	0.14	0.50	
Chlorobenzene	ND	ug/L	1	0.21	0.73	
Chloroethane	ND	ug/L	1	0.79	2.8	
Chloroform	ND	ug/L	1	0.20	0.70	
Chloromethane	ND	ug/L	1	0.31	1.1	
2-Chlorotoluene	ND	ug/L	1	0.21	0.73	
4-Chlorotoluene	ND	ug/L	1	0.17	0.61	
Dibromochloromethane	ND	ug/L	1	0.23	0.81	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.37	1.3	
1,2-Dibromoethane	ND	ug/L	1	0.31	1.1	
Dibromomethane	ND	ug/L	1	0.21	0.75	
1,2-Dichlorobenzene	ND	ug/L	1	0.19	0.68	
1,3-Dichlorobenzene	ND	ug/L	1	0.22	0.77	
1,4-Dichlorobenzene	ND	ug/L	1	0.19	0.68	
Dichlorodifluoromethane	ND	ug/L	1	0.13	0.46	
1,1-Dichloroethane	ND	ug/L	1	0.21	0.74	
1,2-Dichloroethane	ND	ug/L	1	0.23	0.82	
1,1-Dichloroethene	ND	ug/L	1	0.13	0.46	
cis-1,2-Dichloroethene	ND	ug/L	1	0.20	0.70	
trans-1,2-Dichloroethene	ND	ug/L	1	0.19	0.66	
1,2-Dichloropropane	ND	ug/L	1	0.23	0.81	
1,3-Dichloropropane	ND	ug/L	1	0.28	0.98	
2,2-Dichloropropane	ND	ug/L	1	0.37	1.3	
1,1-Dichloropropene	ND	ug/L	1	0.12	0.44	
cis-1,3-Dichloropropene	ND	ug/L	1	0.18	0.63	
trans-1,3-Dichloropropene	ND	ug/L	1	0.23	0.82	
Ethylbenzene	ND	ug/L	1	0.15	0.55	
Hexachlorobutadiene	ND	ug/L	1	0.18	0.64	
Isopropylbenzene	ND	ug/L	1	0.17	0.61	
p-Isopropyltoluene	ND	ug/L	1	0.15	0.53	
Methylene chloride	0.88	ug/L	1	0.40	0.85	BD LC CC LB
Naphthalene	ND	ug/L	1	0.20	0.70	
n-Propylbenzene	ND	ug/L	1	0.19	0.69	
ortho-Xylene	ND	ug/L	1	0.20	0.70	
Styrene	ND	ug/L	1	0.15	0.53	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.22	0.77	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.23	0.78	
Tetrachloroethene	ND	ug/L	1	0.15	0.53	
Toluene	ND	ug/L	1	0.18	0.64	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.23	0.83	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.21	0.75	
1,1,1-Trichloroethane	ND	ug/L	1	0.15	0.53	
1,1,2-Trichloroethane	ND	ug/L	1	0.26	0.91	

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 118062**
Project Description: 403669
Project Title: **Template: SAT3PACE** **Printed: 05/20/2008 17:05**

Sample: 477695 403669-004(TB) Collected: 05/06/08 Analyzed: 05/15/08

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichloroethene	ND	ug/L	1	0.18	0.64	
Trichlorofluoromethane	ND	ug/L	1	0.27	0.97	
1,2,3-Trichloropropane	ND	ug/L	1	0.21	0.71	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.62	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.66	
Vinyl chloride	ND	ug/L	1	0.11	0.38	
meta,para-Xylene	ND	ug/L	1	0.36	1.3	
MTBE	ND	ug/L	1	0.27	0.96	
Acetone	ND	ug/L	1	3.3	12	
Carbon disulfide	ND	ug/L	1	0.13	0.45	
Vinyl Acetate	ND	ug/L	1	1.0	3.6	
Methyl ethyl ketone	ND	ug/L	1	0.92	3.3	
4-Methyl-2-Pentanone	ND	ug/L	1	0.96	3.4	
2-Hexanone	ND	ug/L	1	1.3	4.7	
4-Bromofluorobenzene (SURR)	107.22%					S
1,2-Dichlorobenzene - d4 (SURR)	124.74%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

LB = Compound is suspected of being a laboratory contaminant.

CC = Continuing calibration verification standard recovery was outside QC limits.
Methylene chloride recovery 133.66%

LC = Laboratory control spike recovery was outside QC limits.
Methylene chloride recovered above QC limits at 311.21%.

BD = Compound was detected in the laboratory method blank.
Methylene chloride detected at 3.669 ug/L.

ATTACHMENT D

GROUNDWATER SAMPLING FIELD FORMS

Field Water Quality Form

GeoTrans, Inc.

Project Name	FF/NN Landfill	**Equipment Used**	
Project Number	1011.005	Heron WL meter	
Location	Ripon, WI	Hanna pH/conductivity meter	
Samplers	Todd Thomson		

Sample Point	MW-106	MW-102	P-102		
Water Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Date	4-30-08	4-30-08	4-30-08		
Time Sampled	17:20	18:00	19:00		
Depth to Water	54.13	18.15	18.04		
Depth to Bottom	57.81	24.00	61.56		
Purge Volume (gal)	5	5	30		
Depth Sample Taken	56	22	50		
Sampling Device	HANGING BAILER	DEDICATED BAILER	HANGING BAILER		
Field Temp (C)	12.3	8.1	9.0		
Spf Cond (uS/cm @ 25C)	0.68 MS	0.41 MS	0.80 MS		
pH	7.22	7.54	7.08		
Color	LIGHT BROWN	CLEAR	CLEAR		
Odor	NONE	NONE	NONE		
Clarity	SLIGHTLY CLOUDY	CLEAR	CLEAR		

Analyses Performed					
VOCs (40-mL glass, HCl, not filtered)	→			→	→
Comments					
Lab Sent To	Pace Analytical	→	→	→	→
Date Sent	5-5-08	5-5-08	5-5-08	→	→
Sampled by	Todd Thomson	→	→	→	→

FIELD WATER QUALITY FORM
FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project #	1011.005.09	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	Todd Thomson	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	P-106		
Water Type	Groundwater	Groundwater	Groundwater
Date (month/day/year)	4-30-08		
Static Water Level (feet)	54.21		
Well Depth (feet)	87.18		
Pump Inlet Depth (feet)	86		
Start Purge Time(Military)	15:30		
End Purge Time (Military)	16:20		
Purge Volume (gallons)	2.5		
Sample Time (Military)	16:30		

INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
Time (minutes)	2200	2300	2400						
Temperature (° C)	11.14	11.30	11.45						
Specific Conductance @25° C (ms/cm)	0.866	0.866	0.867						
Dissolved Oxygen (ppm)	2.97	2.87	2.78						
pH	6.99	6.99	7.00						
Dissolved Oxygen (% Sat.)	27.1	26.3	25.6						
ORP (mV)	416	415	415						
Color	CLEAR								
Odor	NONE								
Clarity	CLEAR								

LABORATORY SAMPLES			
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)		
NAME OF LABORATORY	Pace Analytical	Pace Analytical	Pace Analytical
DATE SENT TO LAB	5-5-08		
SAMPLER NAME	Todd Thomson	Todd Thomson	Todd Thomson

Field Water Quality Form

GeoTrans, Inc.

Project Name FF/NN Landfill
Project Number 1011.005
Location Ripon, WI
Samplers Kevin Lincicum

Equipment Used
Heron WL meter
Hanna pH/conductivity meter

Sample Point	MW-103	MW-112	MW-111	MW-107	MW-104
Water Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Date	5/5/08	5/5/08	5/5/08	5/5/08	5/5/08
Time Sampled	1145	1740	1430	1710	1925
Depth to Water	50.29	53.58	37.61	51.44	50.89
Depth to Bottom	53.7	60.47	44.13	55.32	55.9
Purge Volume (gal)	2	4	4	3	3
Depth Sample Taken	53	59	44	55	55
Sampling Device	ded bailer	ded bailer	ded bailer	ded bailer	ded bailer
Field Temp (C)	12.2	11.7	11.9	11.5	12.2
Spf Cond (uS/cm @ 25C)	1420	904	732	796	~~691~~ 998
pH	7.06	~~7.31~~ 7.28	7.45	7.54	6.91
Color	clear	clear	clear	clear	clear
Odor	none	none	none	none	none
Clarity	clear	clear	Clear	Clear	clear

Analyses Performed					
VOCs (40-mL glass, HCl, not filtered)					
Comments					
Lab Sent To	Pace Analytical				
Date Sent	5/9/08				
Sampled by	~~Todd Thomson~~ Kevin Lincicum				

FIELD WATER QUALITY FORM
FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project #	1011.005.09	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	Kevin Lincicum	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	P-104	MW-3B	MW-3A
Water Type	Groundwater	Groundwater	Groundwater
Date (month/day/year)	5/5/08	5/6/08	5/6/08
Static Water Level (feet)	51.03	27.95	27.24
Well Depth (feet)	93.4	~~185.7~~ ~~55.9~~ ~~27.95~~	~~28~~.1
Pump Inlet Depth (feet)	91	185	280
Start Purge Time(Military)	1745	1115	1155
End Purge Time (Military)	1815	1140	1230
Purge Volume (gallons)	2	2	2
Sample Time (Military)	1825	~~0940~~ 1150	~~12~~40

INDICATOR PARAMETERS	P-104 1st	P-104 2nd	P-104 3rd	MW-3B 1st	MW-3B 2nd	MW-3B 3rd	MW-3A 1st	MW-3A 2nd	MW-3A 3rd
Time (minutes)	15	16	17	10	11	12	10	11	12
Temperature (° C)	11.58	11.25	11.74	9.74	9.66	9.65	9.88	9.88	9.83
Specific Conductance @25° C (ms/cm)	1.031	1.017	1.022	0.675	0.673	0.672	0.630	0.630	0.630
Dissolved Oxygen (ppm)	1.70	1.53	1.51	0.44	0.41	0.40	0.35	0.34	0.33
pH	7.48	7.46	7.47	7.97	7.91	7.89	7.51	7.52	7.55
Dissolved Oxygen (% Sat.)	15.7	14.0	14.1	3.9	3.6	3.5	3.1	3.0	2.9
ORP (mV)	94	93	93	17	20	21	3	8	13
Color	clear			clear			clear		
Odor	none			none			none		
Clarity	clear			clear			clear		

LABORATORY SAMPLES			
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)		
NAME OF LABORATORY	Pace Analytical	Pace Analytical	Pace Analytical
DATE SENT TO LAB	5/9/08 →	→	→
SAMPLER NAME	Kevin Lincicum	Kevin Lincicum	Kevin Lincicum

on 5/20 on 5/7

FIELD WATER QUALITY FORM
FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project #	1011.005.09	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	Kevin Lincicum	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	P-111			P-107D			P-107		
Water Type	Groundwater			Groundwater			Groundwater		
Date (month/day/year)	5/5/08			5/5/08			5/5/08		
Static Water Level (feet)	37.73			49.08			51.11		
Well Depth (feet)	81.5			328			85.8		
Pump Inlet Depth (feet)	81			322.5			86		
Start Purge Time(Military)	1310			1500			1600		
End Purge Time (Military)	1330			1525			1620		
Purge Volume (gallons)	1.5			3			2		
Sample Time (Military)	1340			1545			1630		
INDICATOR PARAMETERS	**1st**	**2nd**	**3rd**	**1st**	**2nd**	**3rd**	**1st**	**2nd**	**3rd**
Time (minutes)	8	9	10	17	18	19	9	10	11
Temperature (° C)	10.48	10.49	10.47	10.05	10.29	10.63	10.84	10.87	10.99
Specific Conductance @25° C (ms/cm)	0.597	0.607	0.614	0.647	0.650	0.653	0.920	0.923	0.925
Dissolved Oxygen (ppm)	0.40	0.37	0.35	1.19	1.13	1.07	1.59	1.51	1.50
pH	7.71	7.72	7.72	7.53	7.54	7.55	7.49	7.49	7.50
Dissolved Oxygen (% Sat.)	3.6	3.3	3.1	10.6	10.1	9.6	14.4	13.7	13.6
ORP (mV)	65	65	65	58	61	61	7.9	78	77
Color	clear			clear			clear		
Odor	none			none			none		
Clarity	clear			clear			clear		
LABORATORY SAMPLES									
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)								
NAME OF LABORATORY	Pace Analytical			Pace Analytical			Pace Analytical		
DATE SENT TO LAB	5/9/08						→		
SAMPLER NAME	Kevin Lincicum			Kevin Lincicum			Kevin Lincicum		

FIELD WATER QUALITY FORM
FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project #	1011.005.09	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	Kevin Lincicum	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	P-103D / dup	P-103 / dup	P-111D
Water Type	Groundwater	Groundwater	Groundwater
Date (month/day/year)	5/5/08	5/5/08	5/5/08
Static Water Level (feet)	49.19	48.53	33.70
Well Depth (feet)	192.7	83.0	151
Pump Inlet Depth (feet)	190	81.5	151
Start Purge Time(Military)	0935	~~1020~~ 1015	1215
End Purge Time (Military)	0955	1035	1235
Purge Volume (gallons)	1	2	1
Sample Time (Military)	1005 / 1010	1045 / 1050	1245

INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
Time (minutes)	5	6	7	15	16	17	5	6	7
Temperature (° C)	10.77	10.75	10.77	10.44	10.47	10.50	10.59	10.64	10.61
Specific Conductance @25° C (ms/cm)	0.936	0.935	0.935	0.955	0.958	0.956	0.994	0.985	0.980
Dissolved Oxygen (ppm)	0.79	0.69	0.63	0.78	0.84	0.93	0.69	0.61	0.56
pH	6.98	7.00	7.02	6.98	6.98	6.98	7.58	7.57	7.56
Dissolved Oxygen (% Sat.)	7.1	6.3	5.7	6.9	7.5	8.4	6.3	5.5	4.9
ORP (mV)	22	20	20	28	29	30	6	11	15
Color	clear			clear			clear		
Odor	none			none			none		
Clarity	clear			clear			clear		

LABORATORY SAMPLES			
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)		
NAME OF LABORATORY	Pace Analytical	Pace Analytical	Pace Analytical
DATE SENT TO LAB	5/9/08 →		
SAMPLER NAME	Kevin Lincicum	Kevin Lincicum	Kevin Lincicum

FIELD WATER QUALITY FORM
FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project #	1011.005.09	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	Kevin Lincicum	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	P-113A	P-113B	P-115
Water Type	Groundwater	Groundwater	Groundwater
Date (month/day/year)	5/6/08	5/6/08	5/6/08
Static Water Level (feet)	10.69	11.74	21.61
Well Depth (feet)	325.3	198.9	179.5
Pump Inlet Depth (feet)	324	198	179
Start Purge Time(Military)	1310	1400	1500
End Purge Time (Military)	1340	1415	1520
Purge Volume (gallons)	2	1	2
Sample Time (Military)	1350	~~1340~~ 1425	1530

INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
Time (minutes)	10	11	12	6	7	8	15	16	17
Temperature (° C)	10.37	10.40	10.41	10.31	10.30	10.31	10.77	10.80	10.69
Specific Conductance @25° C (ms/cm)	0.617	0.619	0.620	0.716	0.717	0.716	0.692	0.690	0.690
Dissolved Oxygen (ppm)	0.72	0.62	0.55	0.37	0.35	0.33	0.55	0.51	0.48
pH	7.26	7.24	7.22	7.31	7.31	7.31	7.28	7.27	7.27
Dissolved Oxygen (% Sat.)	6.4	5.6	5.0	3.3	3.1	3.0	5.0	4.6	4.3
ORP (mV)	-80	-87	-88	-24	-19	-16	-16	-16	-16
Color	clear			clear			clear		
Odor	none			none			none		
Clarity	clear			clear			clear		

LABORATORY SAMPLES			
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)		
NAME OF LABORATORY	Pace Analytical	Pace Analytical	Pace Analytical
DATE SENT TO LAB	5/9/2008 →		→
SAMPLER NAME	Kevin Lincicum	Kevin Lincicum	Kevin Lincicum

100 55/5 98 30/30

FIELD WATER QUALITY FORM
FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project #	1011.005.09	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	Kevin Lincicum	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	P-114	P-116	
Water Type	Groundwater	Groundwater	Groundwater
Date (month/day/year)	5/6/08	5/6/08	
Static Water Level (feet)	18.44	25.91	
Well Depth (feet)	181.7	163.19	
Pump Inlet Depth (feet)	184	163	
Start Purge Time(Military)	1605	1650	
End Purge Time (Military)	1615	1700	
Purge Volume (gallons)	2	1	
Sample Time (Military)	1625	1710	

INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
Time (minutes)	1	2	3	2	3	4			
Temperature (° C)	10.27	10.28	10.27	11.49	11.91	12.32			
Specific Conductance @25° C (ms/cm)	0.732	0.778	0.775	0.602	0.607	0.603			
Dissolved Oxygen (ppm)	0.92	0.82	0.74	0.80	0.71	0.71			
pH	7.22	7.22	7.23	7.14	7.16	7.18			
Dissolved Oxygen (% Sat.)	8.2	7.4	6.7	7.4	6.6	6.6			
ORP (mV)	8	12	14	28	35	38			
Color	clear			clear					
Odor	none			none					
Clarity	clear			clear					

LABORATORY SAMPLES			
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)		
NAME OF LABORATORY	Pace Analytical	Pace Analytical	Pace Analytical
DATE SENT TO LAB	5/9/08		
SAMPLER NAME	Kevin Lincicum	Kevin Lincicum	Kevin Lincicum

Field Water Quality Form

GeoTrans, Inc.

Project Name	FF/NN Landfill	**Equipment Used**	
Project Number	1011.005	Heron WL meter	
Location	Ripon, WI	Hanna pH/conductivity meter	
Samplers	Kevin Lincicum		

Sample Point	Gaastra	Perry/Watkins	Rohde		
Water Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Date	5/6/08	5/6/08	5/6/08		
Time Sampled	1750	1850	1815		
Depth to Water	—	—	—		
Depth to Bottom	—	—	—		
Purge Volume (gal)	100	100	100		
Depth Sample Taken	—	—	—		
Sampling Device	outside spigot		outside pump		
Field Temp (C)	11.7	12.4	11.7		
SpfCond (uS/cm @ 25C)	313	325	350		
pH	7.87	7.98	7.68		
Color	clear	clear	clear		
Odor	none	none	none		
Clarity	Clear	clear	clear		

Analyses Performed					
VOCs (40-mL glass, HCl, not filtered)	—	→	→	→	→
				LC-2	28.24
				LC-1	30.26
				LC-3	32.06
Comments					
Lab Sent To	Pace Analytical	→	→	→	→
Date Sent	5/9/08	→	→	→	→
Sampled by	Todd Thomson	→	→	→	→

Field Water Quality Form

GeoTrans, Inc.

Project Name	FF/NN Landfill
Project Number	1011.005
Location	Ripon, WI
Samplers	Kevin Lincicum

Equipment Used

Heron WL meter

Hanna pH/conductivity meter

Sample Point	MW-101	P-101	MW-108	P-108	
Water Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Date	5/6/08	5/6/08	5/6/08	5/6/08	
Time Sampled	0910	0820	1045	1010	
Depth to Water	60.30	60.77	26.10	23.46	
Depth to Bottom	64.40	95.3	30.4	62.1	
Purge Volume (gal)	2	18	2	20	
Depth Sample Taken	64	95	30	61	
Sampling Device	ded bailer	ded bailer	hang bailer	→	
Field Temp (C)	12.4	11.3	11.5	11.5	
Spf Cond (uS/cm @ 25C)	782	735	~~7~~973	714	
pH	7.18	7.69	7.30	7.52	
Color	clear	clear	clear	clear	
Odor	none	none	none	none	
Clarity	clear	clear	clear	clear	

Analyses Performed					
VOCs (40-mL glass, HCl, not filtered)	→	→	→	→	→
Comments					
Lab Sent To	Pace Analytical	→	→	→	→
Date Sent	5/9/08	→	→	→	→
Sampled by	~~Todd Thomson~~	→	→	→	→

Kevin Lincicum

ATTACHMENT E

LANDFILL GAS EXTRACTION SYSTEM MONITORING FIELD FORMS

Tranducer = Dwyer Model 626-00-CH-P1-E3-S1-AT
Range 30 in Hg - 0 PSIG

GeoTrans, Inc.

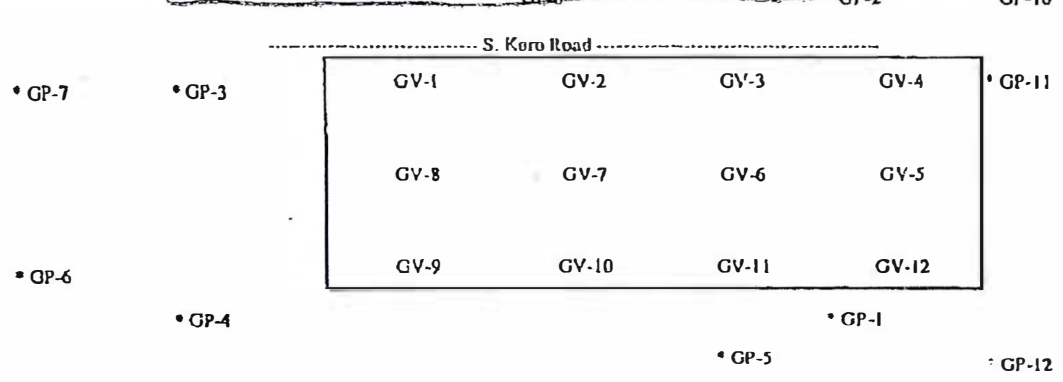
GAS PROBE DATA

Project: FF/NN Landfill
Location: Ripon, Wisconsin
Personnel: Jack Wendlan

Barometric Pressure: 29.0 Hg
Temperature (ambient): ____ F
Measuring Device: ____
Gage reading ____

* LEL

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
5-1208	1330	Background	0.*	0.0	20.4	0		
	1430	LC-1	14.5	21.0	1.5	1014		
	1345	LC-2	43.0	25.8	2.5	571		
	1335	LC-3	20.0	19.6	1.5	1081	–	
		GV-1						
		GV-4						
	1415	GV-6	14.5	19.6	3.1	67		
		GV-7						
		GV-9						
		GV-12						
	1400	GP-1	0 *	4.8	3.5	–		
	1445	MW-101	0 *	0.0	19.8			



GeoTrans, Inc.

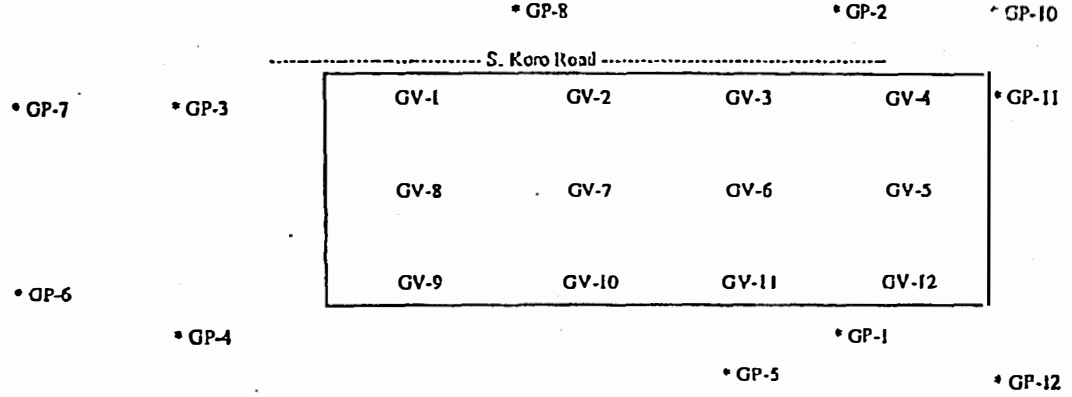
GAS PROBE DATA

Project: FF/NN Landfill
Location: Ripon, Wisconsin
Personnel: Jack Wendler

Barometric Pressure: 28.8 Hg
Temperature (ambient): 58 F
Measuring Device: Eagle
Gage reading 5

* LEL

Date	Time	Measurement Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
5.19.08	0830	Background	1 *	0.0	20.2	0		
	0915	LC-1	87 *	17.4	2.4	760		
	0845	LC-2	41.0	26.0	2.0	646		
	0835	LC-3	11.5	16.6	5.6	1503		
		GV-1						
		GV-4						
	0905	GV-6	5.5	14.8	6.4	59		
		GV-7						
		GV-9						
		GV-12						
	0855	GP-1	1 *	5.8	4.5	—		



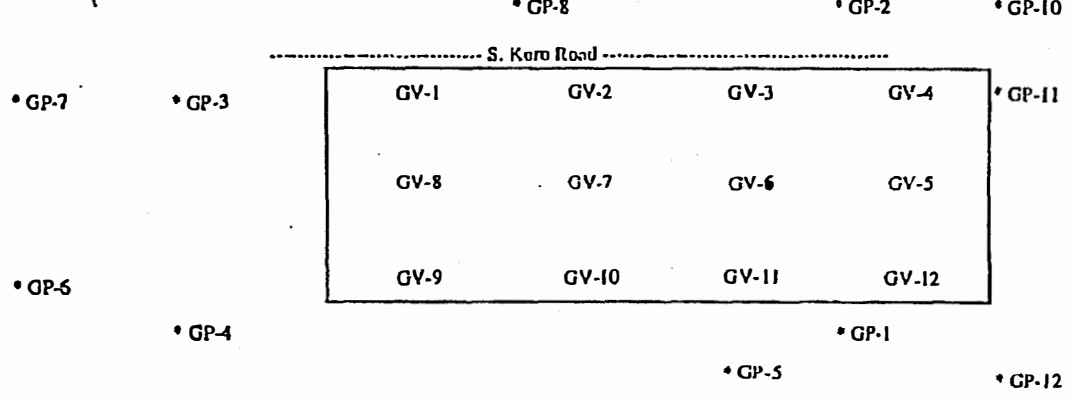
GeoTrans, Inc.

GAS PROBE DATA

Project: FF/NN Landfill
Location: Ripon, Wisconsin
Personnel: Jack Wendlen

Barometric Pressure: 28.8 ~~29.08~~ Hg
Temperature (ambient): 74° F
Measuring Device: Gage reading
5 * LEL

Date	Time	Measurement Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
~~5/30/08~~	~~1305~~	Background	0 *	0.0	20.8	0		
	1350	LC-1	6.5	18.2	1.2	1045		
	1320	LC-2	31.0	23.6	3.2	1123		
	1310	LC-3	10.0	16.2	5.1	1773		
		GV-1						
		GV-4						
	1340	GV-6	12.0	20.4	0.2	603		
		GV-7						
		GV-9						
		GV-12						
	1330	GP-1	7.0	7.8	0.8	—		



GeoTrans, Inc

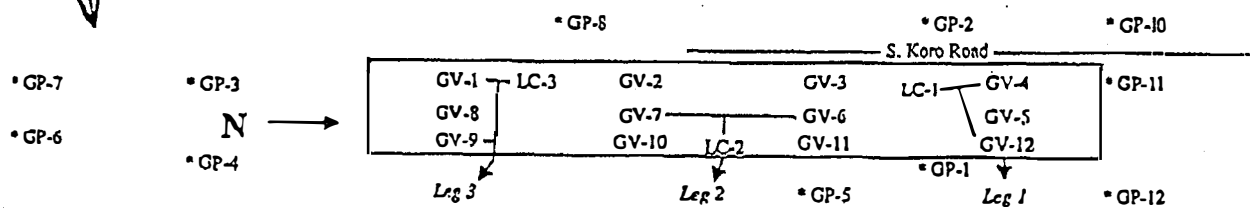
GAS PROBE DATA

Project: FF/NN Landfill
Location: Ripon, Wisconsin
Personnel: Jack Wendler

Barometric Pressure: 29.0 Hg
Temperature (ambient): 68° F
Measuring Device: Eagle Gauge - 4

LEL *

Date	Time	Measurement Point	% CH_4	% CO_2	% O_2	Velocity ~~Comments~~ ft/min
6/2-08	0630	Background	0 *	0.0	20.9	0
	0920	LC-1	76 *	19.0	2.6	823
	0835	LC-2	35.5	20.0	1.3	1524
	0825	LC-3	9.5	17.4	5.2	802
	0815	MW-101	0 *	0.0	20.9	
	0905	MW-102	0 *	0.6	18.9	
	0715	MW-103	0.0 *	0.4	20.9	
	0925	MW-104	0 *	0.0	20.9	
	—	GV-1	—	—	—	
	—	GV-4	—	—	—	
	0915	GV-6	5.0	16.8	5.5	49
	—	GV-7	—	—	—	
	—	GV-9	—	—	—	
	—	GV-12	—	—	—	
	0855	GP-1	0 *	2.2	17.0	
	0745	GP-2	0 *	2.2	18.6	
	0705	GP-3	0 *	0.0	20.9	
	0725	GP-4	0 *	0.2	20.7	
	0900	GP-5	0 *	6.0	9.7	
	0655	GP-6	0 *	2.6	17.8	
	0645	GP-7	0 *	1.4	18.9	
	0735	GP-8	0 *	0.6	20.7	
	0755	GP-10	0 *	4.0	16.0	
	0805	GP-11	0 *	2.6	18.0	
	0910	GP-12	0 *	2.4	17.1	
	0850	Leg 1	75 *	18.8	2.7	
	0845	Leg 2	14.0	14.0	10.0	
	0840	Leg3	9.0	17.0	5.6	
	0855	Exhaust	8.0	15.2	7.3	



GeoTrans, Inc.

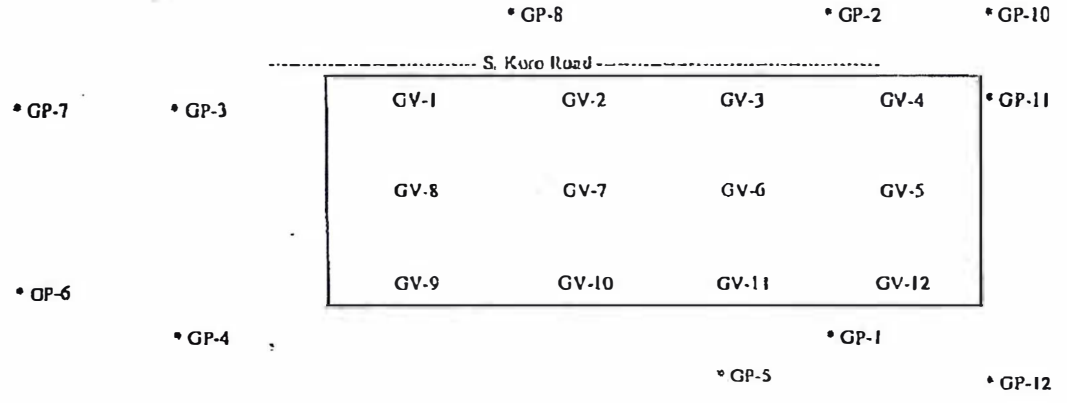
GAS PROBE DATA

Project: FF/NN Landfill
Location: Ripon, Wisconsin
Personnel: [signature]

Barometric Pressure: 29.1 Hg
Temperature (ambient): 74 F
Measuring Device: Eagle 4
Gage reading

LEL *

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (fU/min)	Pressure (in H^2O)	Comments
6.25.08	0830	Background	0	0.0	20.9	0		
	0920	LC-1	9.5	21.6	0.5	827		
	0845	LC-2	33.0	24.8	3.6	774		
	0835	LC-3	14.5	19.8	4.3	1419	—	
		GV-1						
		GV-4						
	0910	GV-6	10.0	23.4	0.6	53	—	
		GV-7						
		GV-9						
		GV-12						
	0855	GP-1	10.5	10.0	0.0	—	—	



ATTACHMENT F

LANDFILL CAP INSPECTION FORM

GeoTrans, Inc.

FF/NN Landfill Site Inspection Form

Inspector: KEVIN LINCICUM Date: 5/6/2008

Type of inspection (circle): monthly quarterly **semi-annual** annual severe weather

	Good	Fair	Poor	Comments
1. Vegetative cover (condition, trees or bushes on cap)	X			
2. Soil stability (erosion control)	X			
3. Cover integrity (no exposed waste or ruts)	X			
4. Surface water drainage (settlement or ponding)	X			
5. Surface seep control	X			
6. Unauthorized access control (fence, gates, locks, signs, vandalism)	X			
7. Groundwater well maintenance (seals, casing, labels)	X			
8. Gas vents	X			
9. Drainage layer discharge pipes	X			
10. Other activites on or adjacent to landfill				NONE
11. Additional comments	POWER POLES CUT DOWN, BELOW SURFACE PORTION OF POLES IS INTACT			
12. Items to be observed in future inspections	NONE			
13. Recommended maintenance activities	NONE			