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

November 11, 2008

Prepared For:

FF/NN Landfill PRP Group

Prepared By:

GeoTrans, Inc.
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Project No. 117-1011005

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CONTRACT SF-92-01

QUARTERLY STATUS REPORT

FOR OCTOBER 2008

SITE NAME/ACTIVITY:

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

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

PREPARED BY:

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SR-6J
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DATE:

November 11, 2008

FIELD ACTIVITIES THIS REPORTING PERIOD

- Groundwater elevations were measured at 27 monitoring wells on September 25 and October 1, 2008. Water levels in Layer 4 wells were measured consecutively to avoid any effects from municipal pumping.

- A total of 19 monitoring wells and three private drinking wells were sampled for VOCs during the October 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 October 3, 2008. Jack Wendler from the City of Ripon has also conducted periodic gas monitoring of the extraction system vents and wells. Gas samples for VOC analysis were collected on October 3, 2008.

- A landfill cap inspection was conducted on October 3, 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 September 25, 2008 groundwater elevations were measured in all monitoring wells in response to a request from the WDNR regarding the discovery of high capacity dewatering activities taking place at Northeast Asphalt. On October 1-2, 2008, groundwater elevations were measured in all monitoring wells as part of the quarterly monitoring and to determine any significant difference from the measurements collected the week before. These elevations are provided in Table 1 and shown on Figures 1 through 4 for the September 25 measurements and Figures 5 through 8 for the October 1-2 measurements. 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 Figures 1 and 5. Compared to the previous event in July 2008, water table elevations in September 2008 decreased from 1.14 feet in MW-108 to 2.65 feet in MW-107. The October 2008 elevations averaged .03 feet lower compared to the September measurements.

Historically, the groundwater flow direction in this layer has been to the southwest. During the September and October 2008 events, 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 Figures 2 and 6. Compared to the previous event in July 2008, water level elevations in September decreased from 1.37 feet in P-111 to 2.62 feet in P-106 and P-107. The October 2008 elevations averaged .01 feet lower compared to the September measurements.

Historically, the groundwater flow direction in this layer has been to the southwest. During the September and October 2008 events, 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 Figures 3 and 7. Compared to the previous event in July 2008, water elevations in September decreased from 1.66 feet in P-114 to 3.58 feet in P-116. The October 2008 elevations averaged 0.3 feet higher compared to the September measurements.

Historically, the groundwater flow direction in this layer has been southwesterly and becomes westerly further downgradient. The September and October 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 Figures 4 and 8. Compared to the previous event in July 2008, water elevations in September decreased in all wells from 2.3 feet in MW-3A to 2.35 feet in P-107D and P-113A.

Historically, the groundwater flow direction in this layer has been to the southeast due to municipal well pumping. Since pumping at the City of Ripon Municipal Well #9 was terminated in May 2007, the flow direction in this unit has been to the west. During the September and October 2008 events, 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 October 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 October 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 Not sampled.

MW-102 No detection of any VOC.

MW-103 No compounds exceeded NR 140 Enforcement Standards (ES). Cis-1,2-dichloroethene (DCE) slightly exceeded its PAL at 12.3 ppb and trichloroethene (TCE) exceeded its PAL at 3.8 ppb. These results are consistent with recent sampling events.

MW-104 No compounds exceeded NR 140 Enforcement Standards (ES). Chlorobenzene and 1,4-dichlorobenzene were detected but well below

NR 140 standards. These results are similar to the previous sampling event in May 2008.

MW-106 Not sampled.

MW-107 No detection of any VOC.

MW-108 No detection of any VOC.

MW-111 Not sampled.

MW-112 No compounds exceeded NR 140 Enforcement Standards (ES). VC and TCE were not detected. DCE (13.3 ppb) was detected at a concentration above the PAL.

Layer 2 Wells

P-101 Not sampled.

P-102 No detection of any VOC.

P-103 No detection of any VOC.

P-104 Not sampled.

P-106 No detection of any VOC.

P-107 No detection of any VOC.

P-108 No detection of any VOC.

P-111 Not sampled.

Layer 3 Wells

MW-3B No detection of any VOC.

P-103D VC exceeded its ES at 1.1 ppb (1.5 ppb duplicate). The concentration is consistent with historical results.

P-111D VC exceeded its ES at 5.7 ppb which is similar to the previous result in May 2008 and lower than historical results. DCE and chloroethane were detected at concentrations below NR 140 standards.

P-113B No detection of any VOC.

P-114 VC exceeded its ES at 6.1 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 1.9 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 1.6 ppb. This concentration is similar to the previous result in May 2008 and lower than historical results.

P-113A Not sampled.

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 October 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.

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%. Modifications to the daily run time cycle were made to balance between maximum gas removal and maintaining oxygen levels below 5%. The modifications include:

- July 7, 2008 the valve for GV-6 was opened to increase gas removal in response to methane detections in GP-1 above the LEL.
- August 13, 2008 the system's daily cycle was changed from 8 hours on/16 hours off to 12 hours on/12 hours off in response to methane detections in GP-1 above the LEL.

Gas samples for VOC analysis were collected October 3. The results are summarized on Table 6 and the lab report is included in Attachment C. The results indicate a significant reduction in total VOCs. Vinyl chloride was not detected in any sample.

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 semiannual landfill cap inspection was performed on October 3, 2008. The cap was determined to be in good condition. 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. The Ripon FF/NN Landfill PRP Group suggests that we have a conference call with the WDNR and U.S. EPA to discuss the status of the IC investigation/study request.

Northeast Asphalt

On September 24, 2008 Ms. Jennie Easterly of the WDNR notified Mr. Mike Noel of GeoTrans that it had been brought to her attention by Mr. Jeff Fude (N9005 S. Koro Road), a neighbor of Northeast Asphalt (NEA), that NEA had been pumping large amounts of surface water from their on site gravel pits. Mr. Fude had called to complain about turbidity and sediment in his well water due to the gravel pit pumping activities. Ms. Easterly had previously spoken to NEA representatives in 2002 regarding the dangers of pumping large quantities of water from the on site surface water pit at this location because of the 20-foot drop in water levels and the reversal of groundwater flow and contaminant plume migration that it caused in 2002 at the FF/NN landfill.

Ms. Easterly requested that GeoTrans collect a round of water levels to determine if groundwater flow directions had been affected by the pumping as they had been in 2002. In response to the request from WDNR water levels were measured on September 25, 2008 and, as reported above, no reversal in flow direction was noted.

Ms. Easterly estimated that the NEA pumping had lowered the surface water level in the gravel pit by 4-5 feet. NEA later reported to the WDNR that the water level had only dropped 2 feet and that they had been pumping at a rate of 1.3 MGD over a 28 day period (Attachment G).

Ms. Easterly requested NEA to collect samples for VOC analysis from the on site well, the gravel pit and the private wells of the two neighbors on either side of the gravel pit (Jeff Fude and Judy Hollatz). According to Ms. Easterly all of the samples came back clean except for a qualified detection of chloroform (estimated at 0.6 ug/L) in the sample from the Fude well.

On October 14, 2008, the WDNR issued NEA a Notification of Noncompliance (NON) pertaining to their Nonmetallic Mining Operations General Permit (Attachment G). In the letter the WDNR once again informed NEA that pumping the surface water from their on-site pit at high levels over an extended period of time could alter the groundwater flow and that by completing this type of activity NEA is potentially "taking control" of the groundwater plume under Wis Stats. 292.11 and could become part of the FF/NN Landfill PRP Group. The WDNR strongly suggested that this type of pumping cease and no longer be implemented at the NEA property to avoid this situation.

UPCOMING ACTIVITIES PLANNED

Groundwater sampling of the private wells will be conducted in accordance with the approved plan in January 2009.

Water levels of all wells will be taken in January, 2009.

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

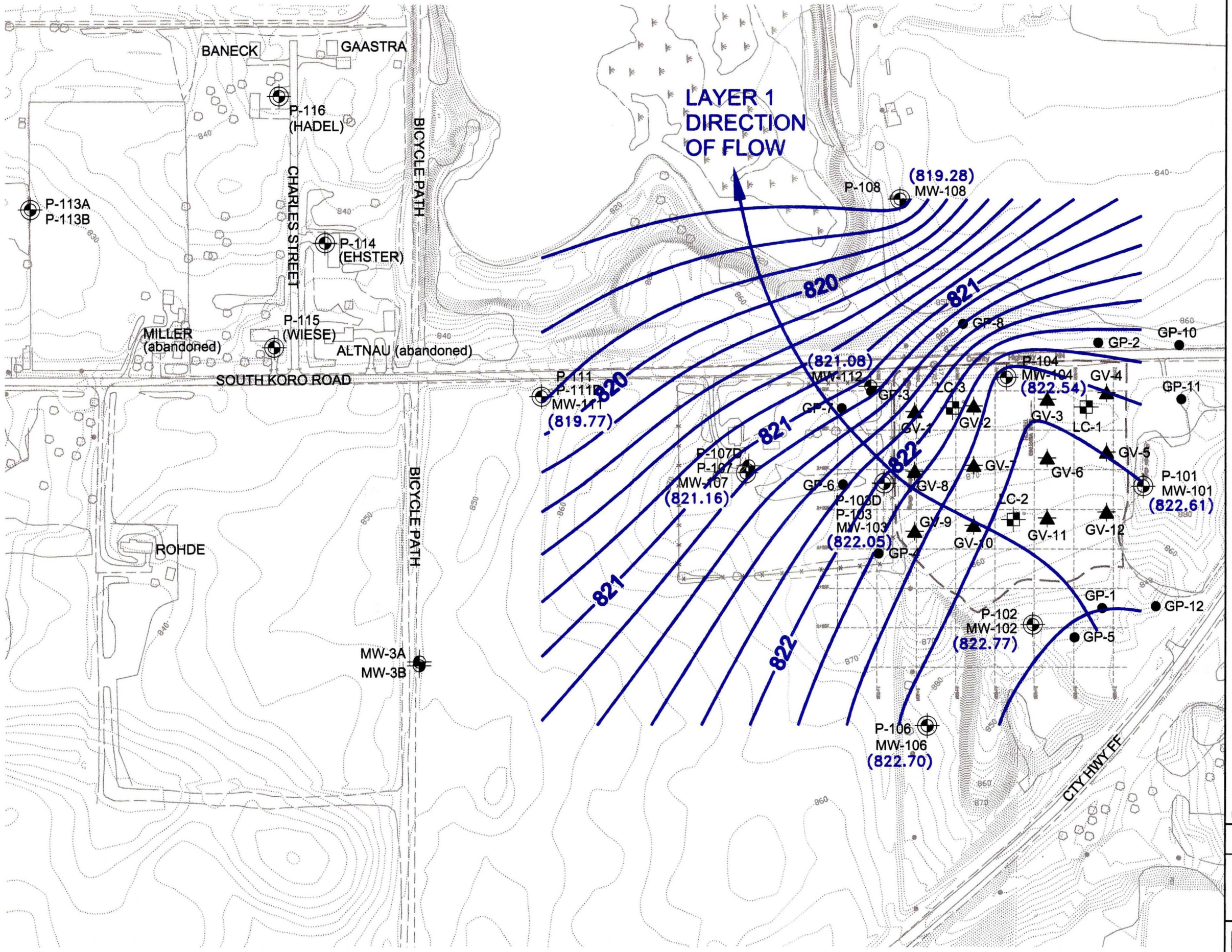
The interim gas extraction system will continue to be monitored for effectiveness.

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 and the preparation of an amendment to the Record of Decision for the site.

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
- (825.10) — 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
SEPTEMBER 2008

DATE:	9/25/08
DESIGNED:	KFL
CHECKED:	KFL
APPROVED:	MRN
DRAWN:	HJW
PROJ.:	1011.005

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Figure 1

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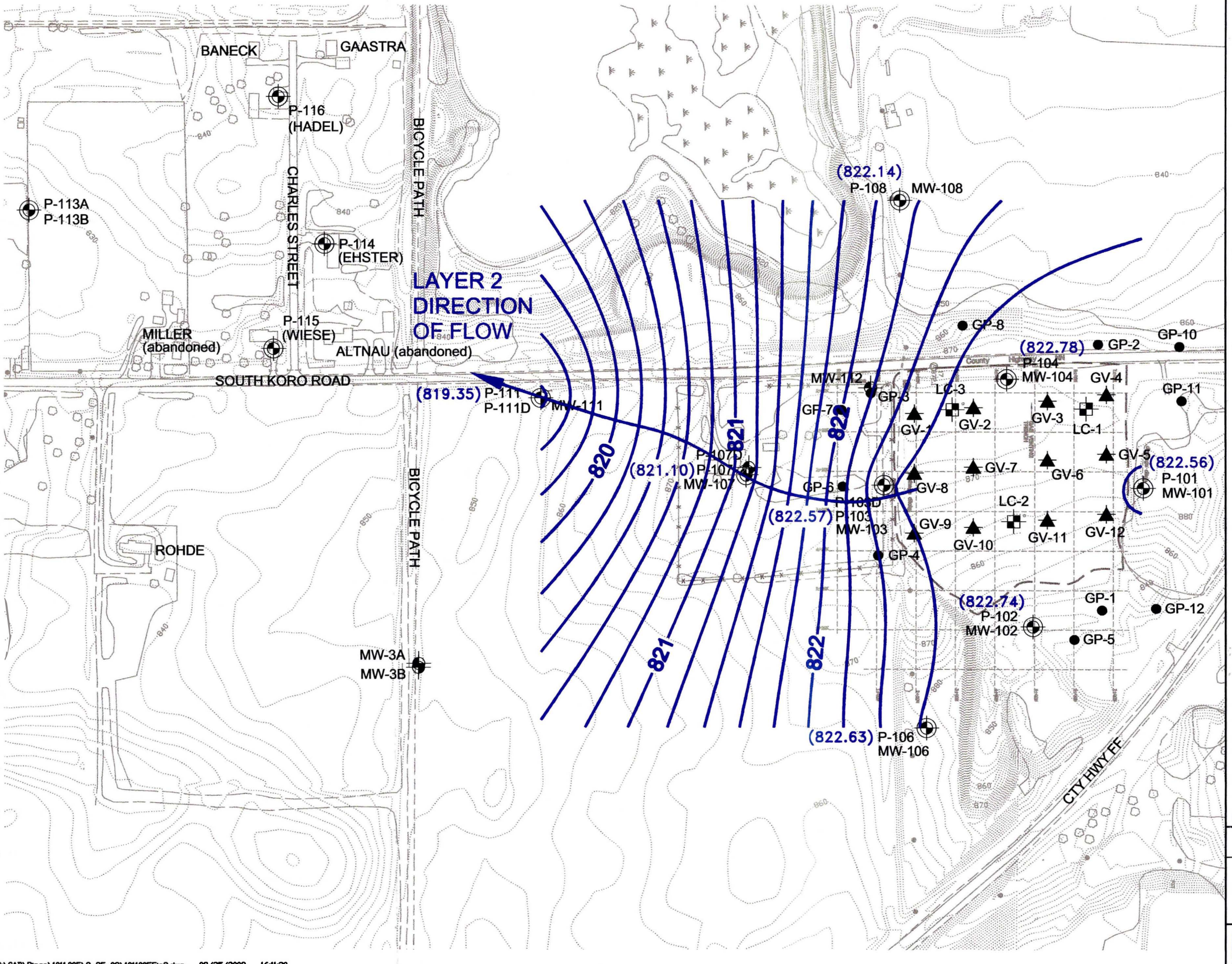

EXPLANATION

- 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
- (825.07) — 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
SEPTEMBER 2008

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Figure 2

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LAYER 3 DIRECTION OF FLOW

BANECK
GAASTRA
P-116 (816.81)
(HADEL)
BICYCLE PATH
CHARLES STREET
819
820
P-113A
P-113B
(820.09)
(819.79)
P-114
(EHSTER)
P-115 (819.97)
(WIESE)
MILLER
(abandoned)
ALTNAU (abandoned)
SOUTH KORO ROAD
P-111
P-111D
MW-111
(820.74)
821
ROHDE
MW-3A
MW-3B
(821.48)
P-107D
P-107
MW-107
822
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 (822.15)
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
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- OUTLINE OF CLOSED LANDFILL
- GP-1 — GAS PROBE LOCATION AND DESIGNATION
- GV-1 — GAS VENT LOCATION AND DESIGNATION
- (823.53) — 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
SEPTEMBER 2008

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Figure 3

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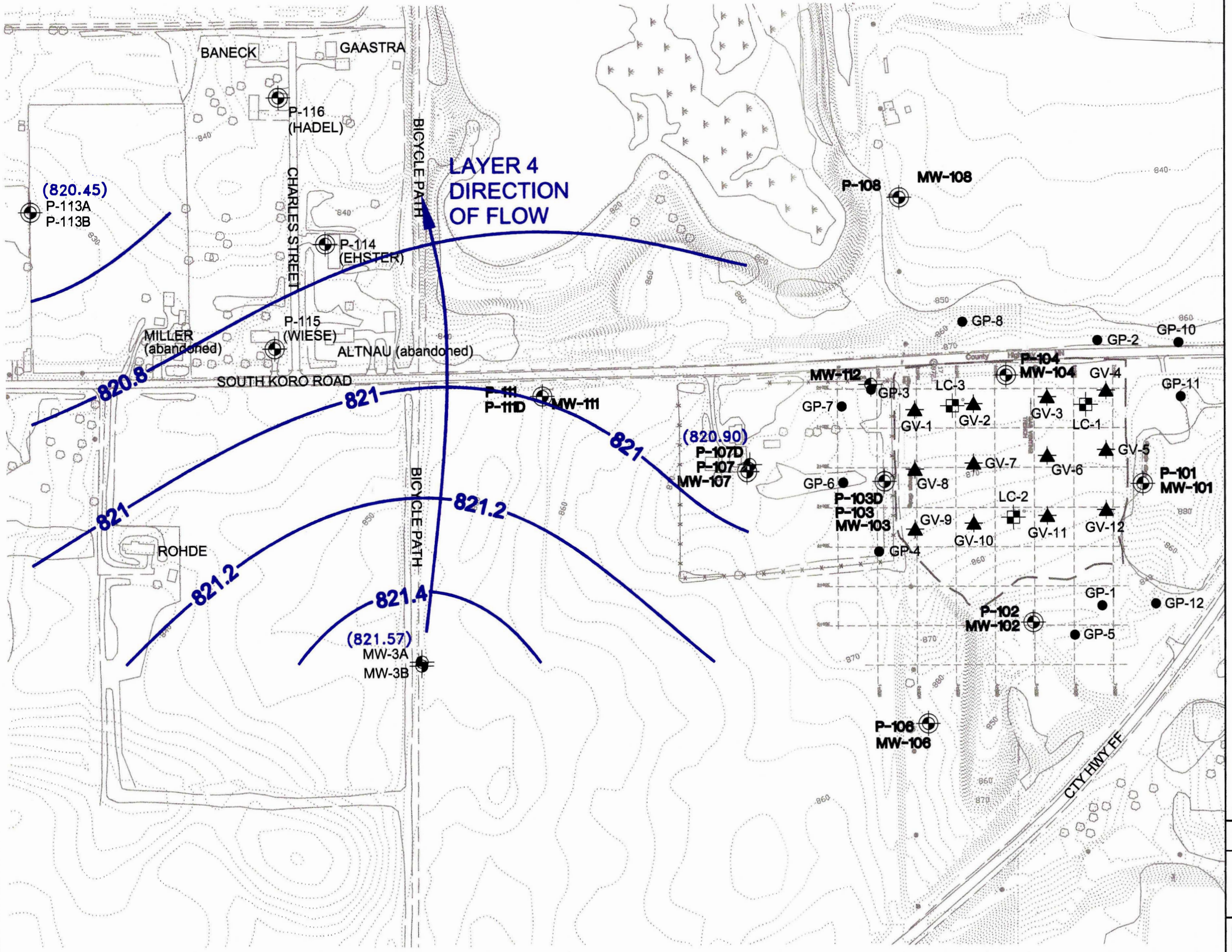

EXPLANATION

- 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
- (823.87) — 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
SEPTEMBER 2008

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Figure 4

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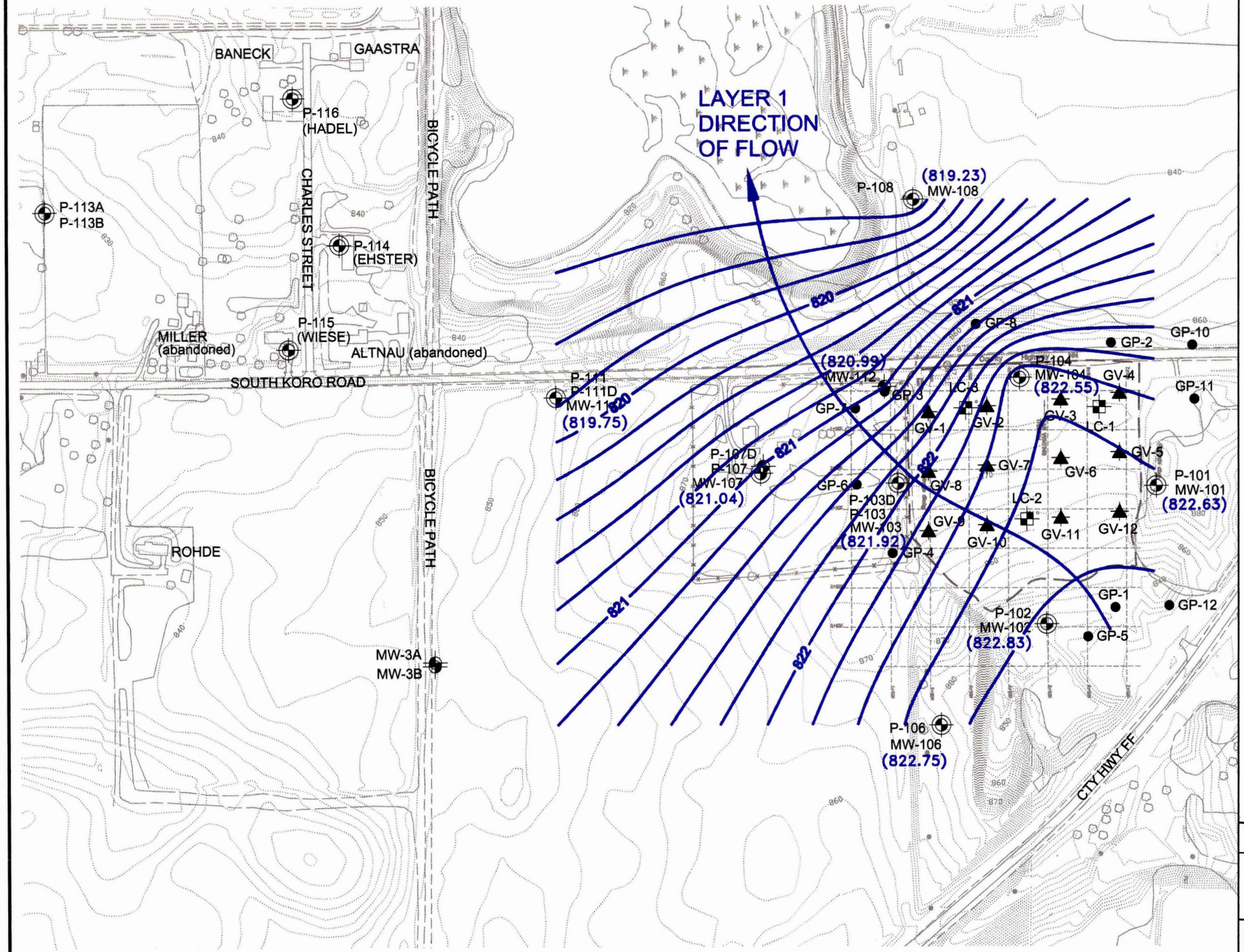

EXPLANATION

- 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
- (822.63) — 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
OCTOBER 2008

DATE:	11/4/08
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Figure 5

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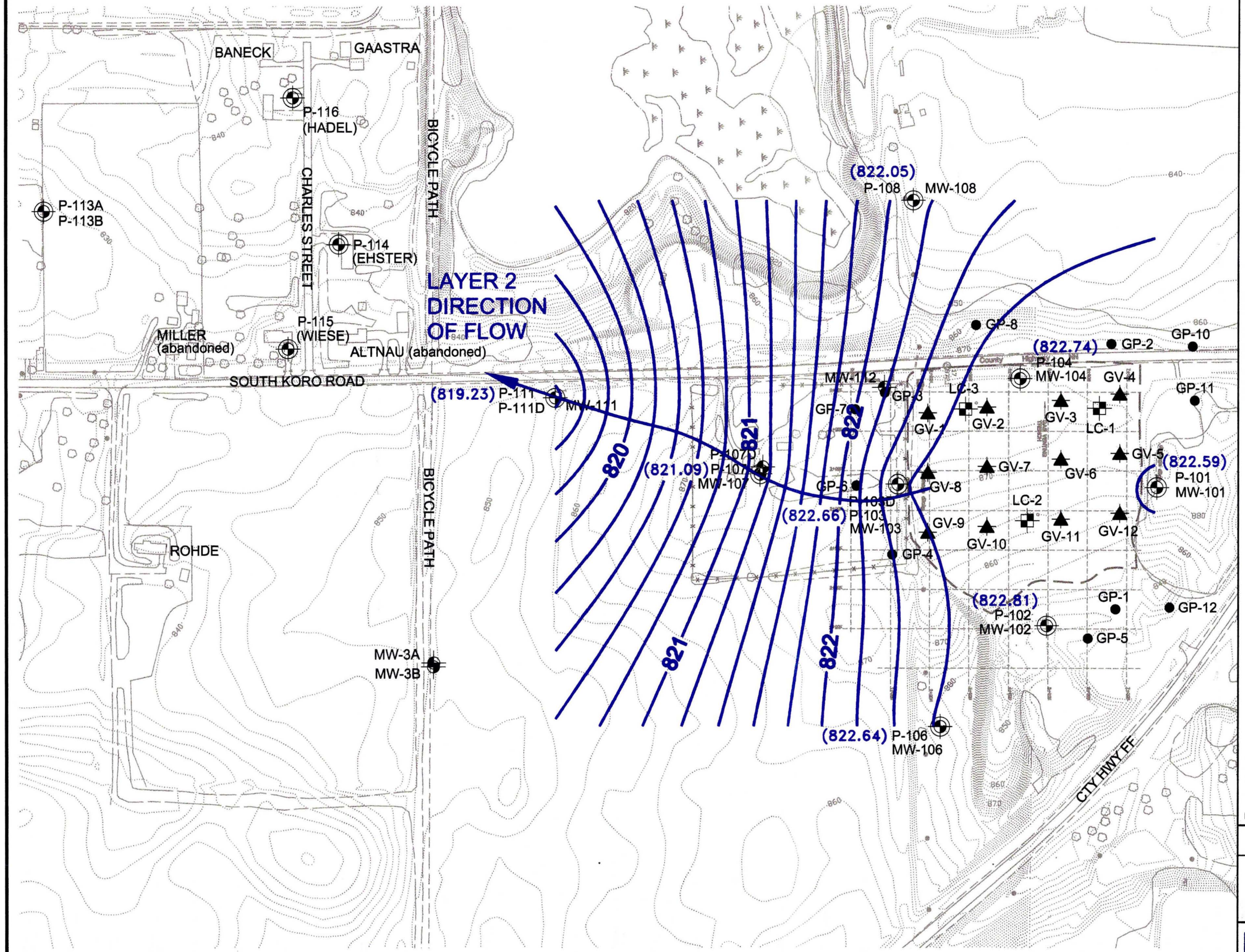

EXPLANATION

- 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
- (822.59) — 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
OCTOBER 2008

DATE:	11/4/08
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Figure 6

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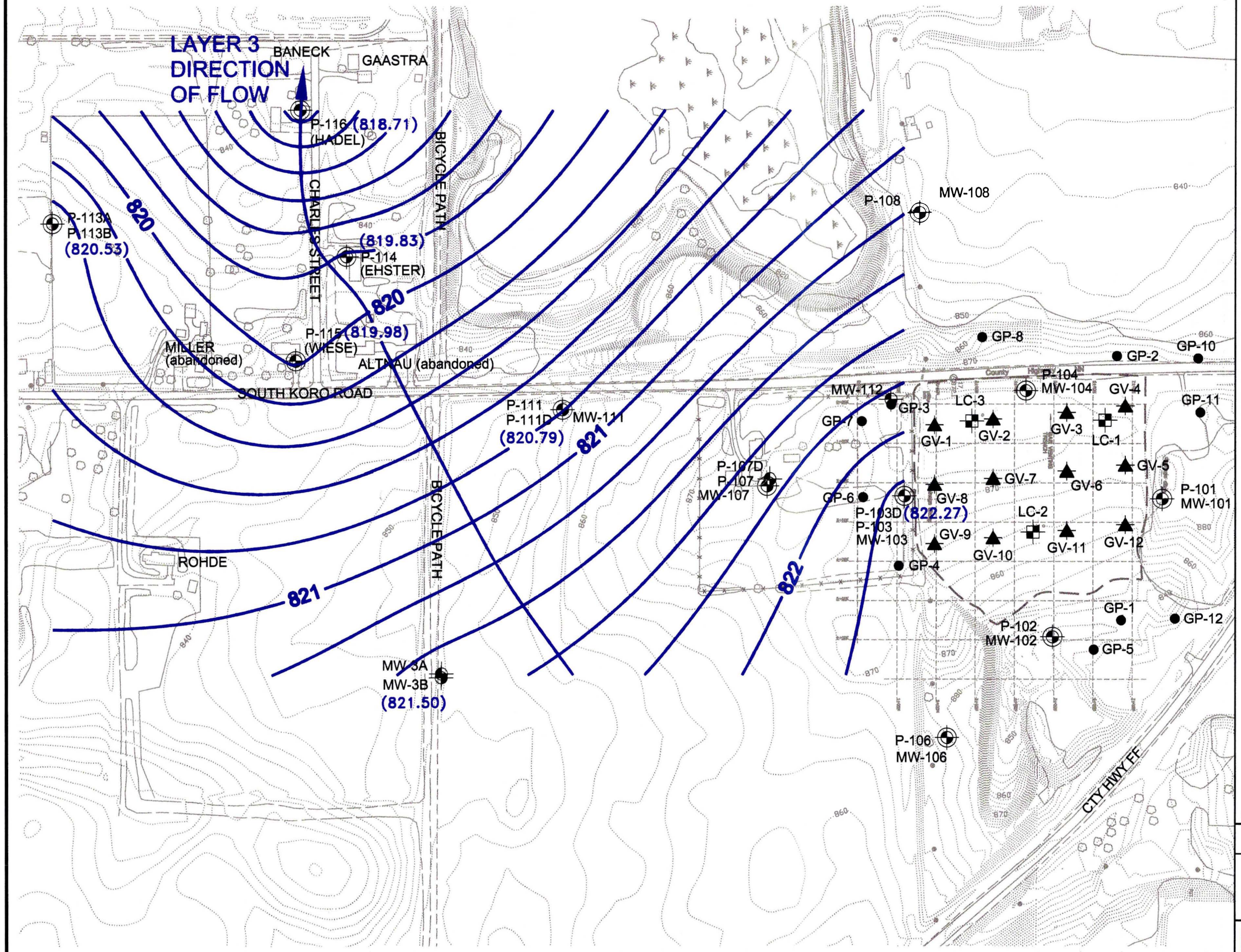


EXPLANATION

- 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
- (821.50) — GROUNDWATER ELEVATION

N

SCALE

0 500

Feet

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

FF/NN LANDFILL
RIPON, WISCONSIN

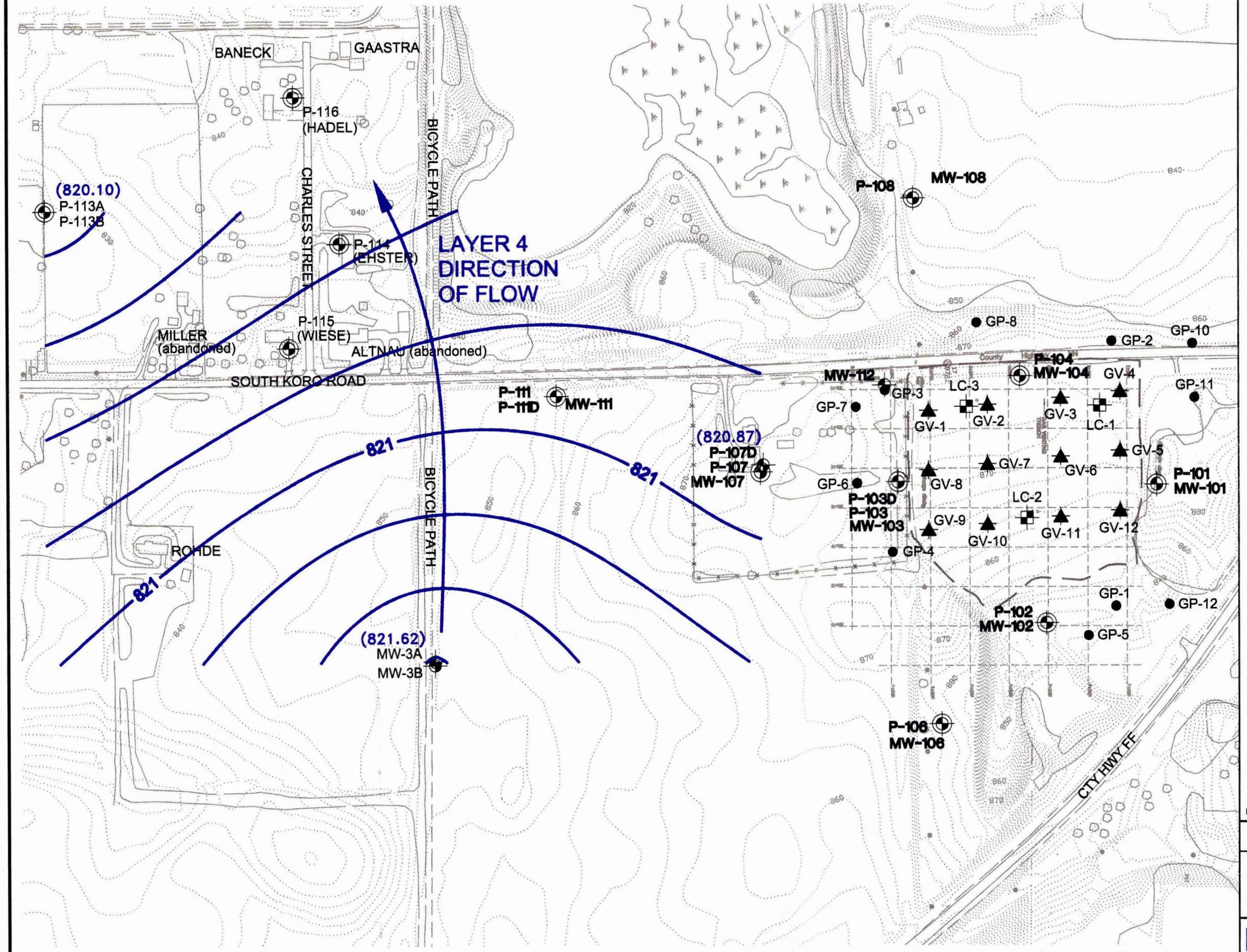
GROUNDWATER ELEVATIONS
LAYER 3 WELLS
OCTOBER 2008

DATE:	11/4/08
DESIGNED:	KFL
CHECKED:	KFL
APPROVED:	MRN
DRAWN:	HJW
PROJ.:	1011.005

GeoTrans, Inc. A TETRA TECH COMPANY

Figure 7

S:\CAD\Ripon\1011.005\11-4-08\1011005Fig7.dwg 11/11/2008 16:17:42



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
- (821.62) — 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
OCTOBER 2008

DATE:	11/4/08
DESIGNED:	KFL
CHECKED:	KFL
APPROVED:	MRN
DRAWN:	HJW
PROJ.:	1011.005

GeoTrans, Inc. A TETRA TECH COMPANY

Figure 8

S:\CAD\Ripon\1011.005\11-4-08\1011005Fig8.dwg 11/11/2008 16:18:29

CHARTS

Chart 1: GV-1 Gas Concentrations

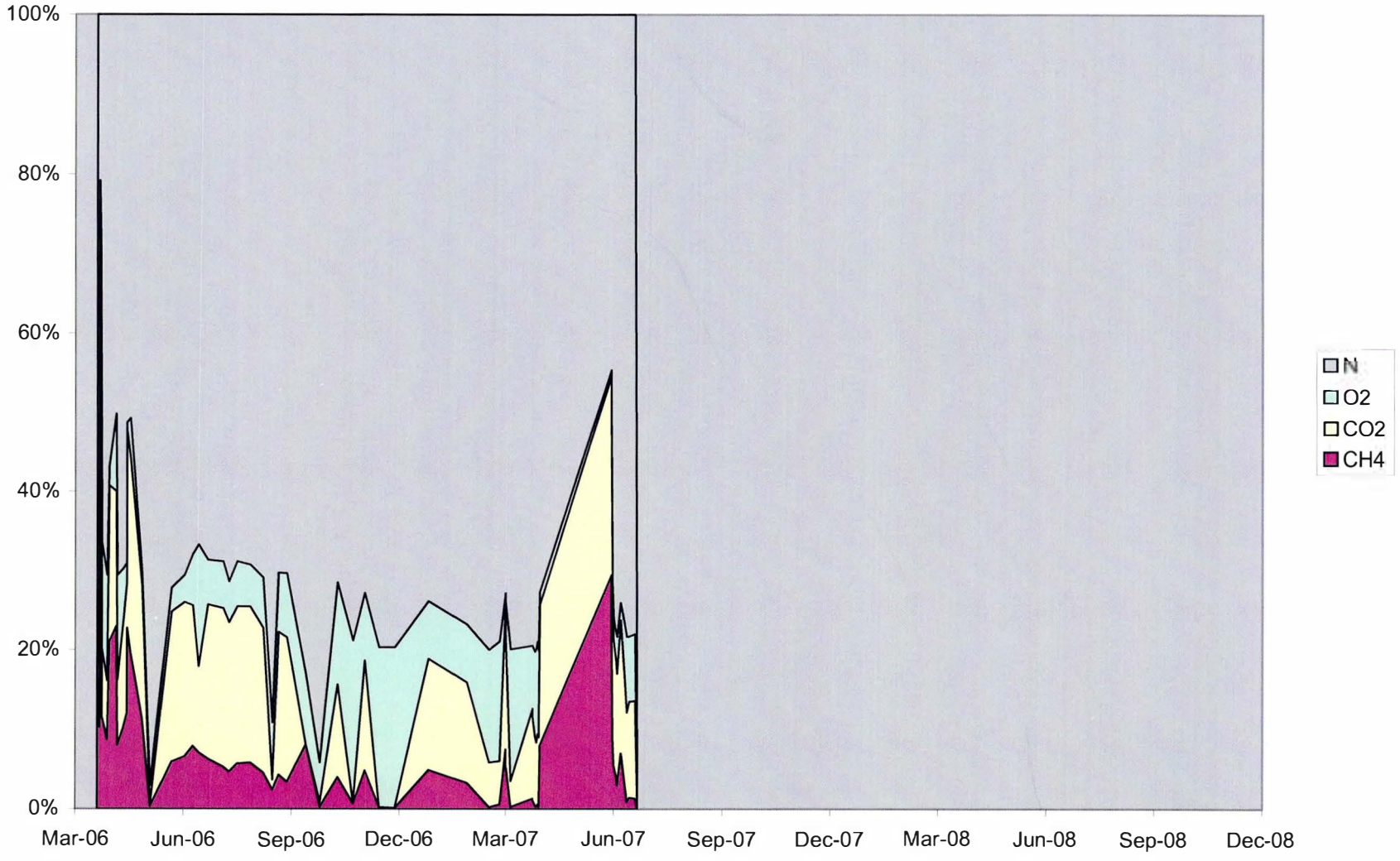


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Chart 2: GV-4 Gas Concentrations

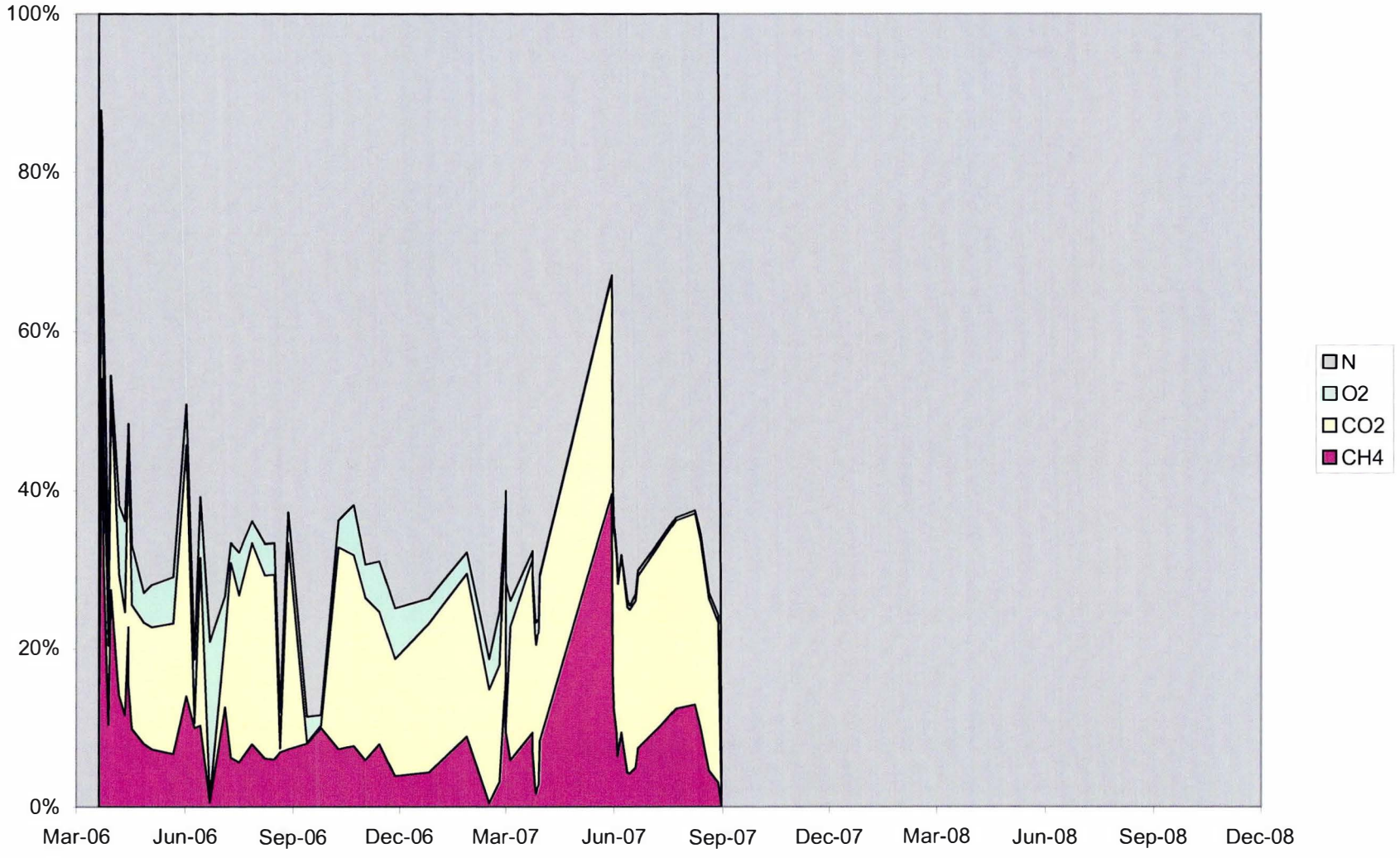

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Chart 3: GV-6 Gas Concentrations

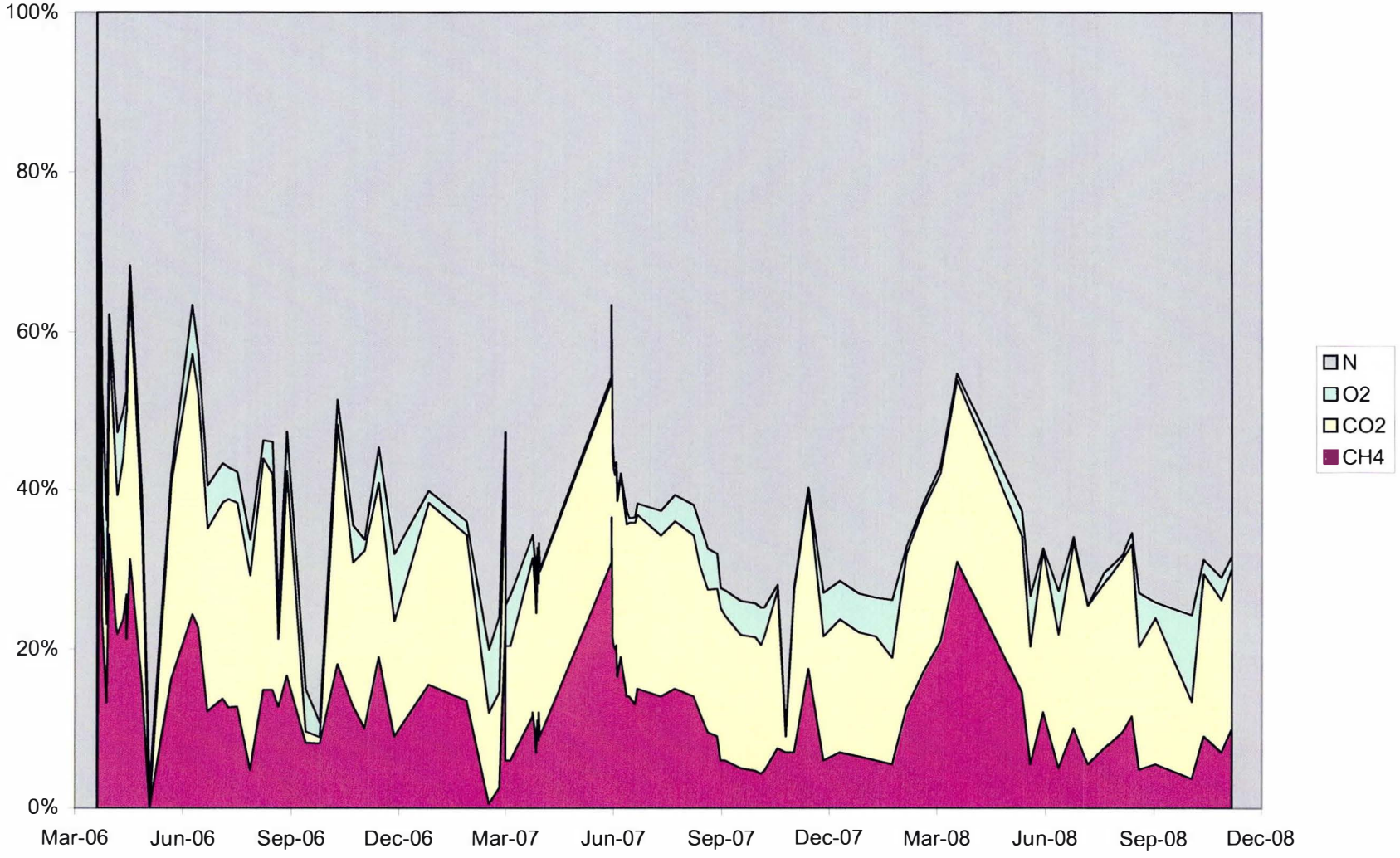

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Chart 4: GV-7 Gas Concentrations

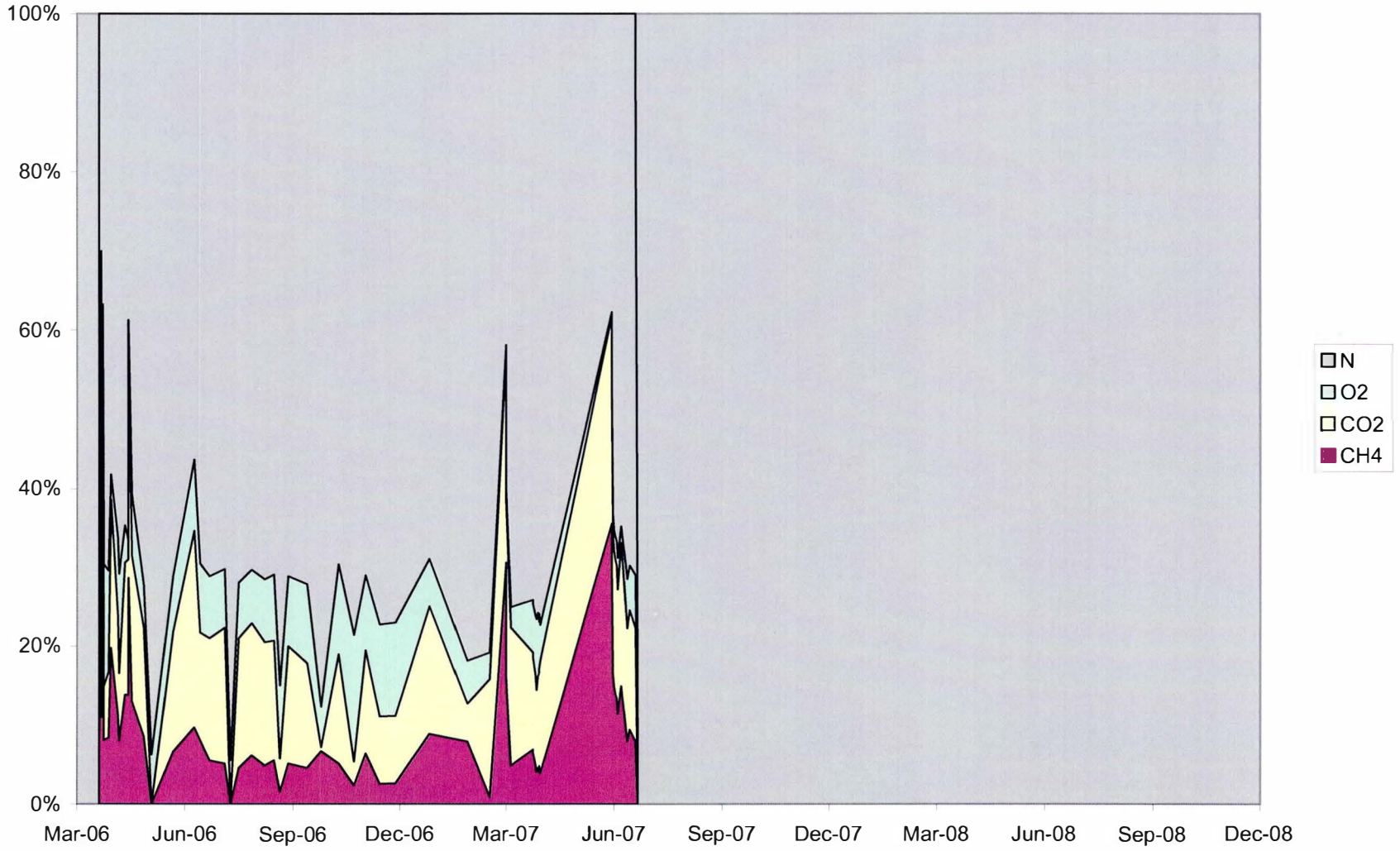

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Chart 5: GV-9 Gas Concentrations

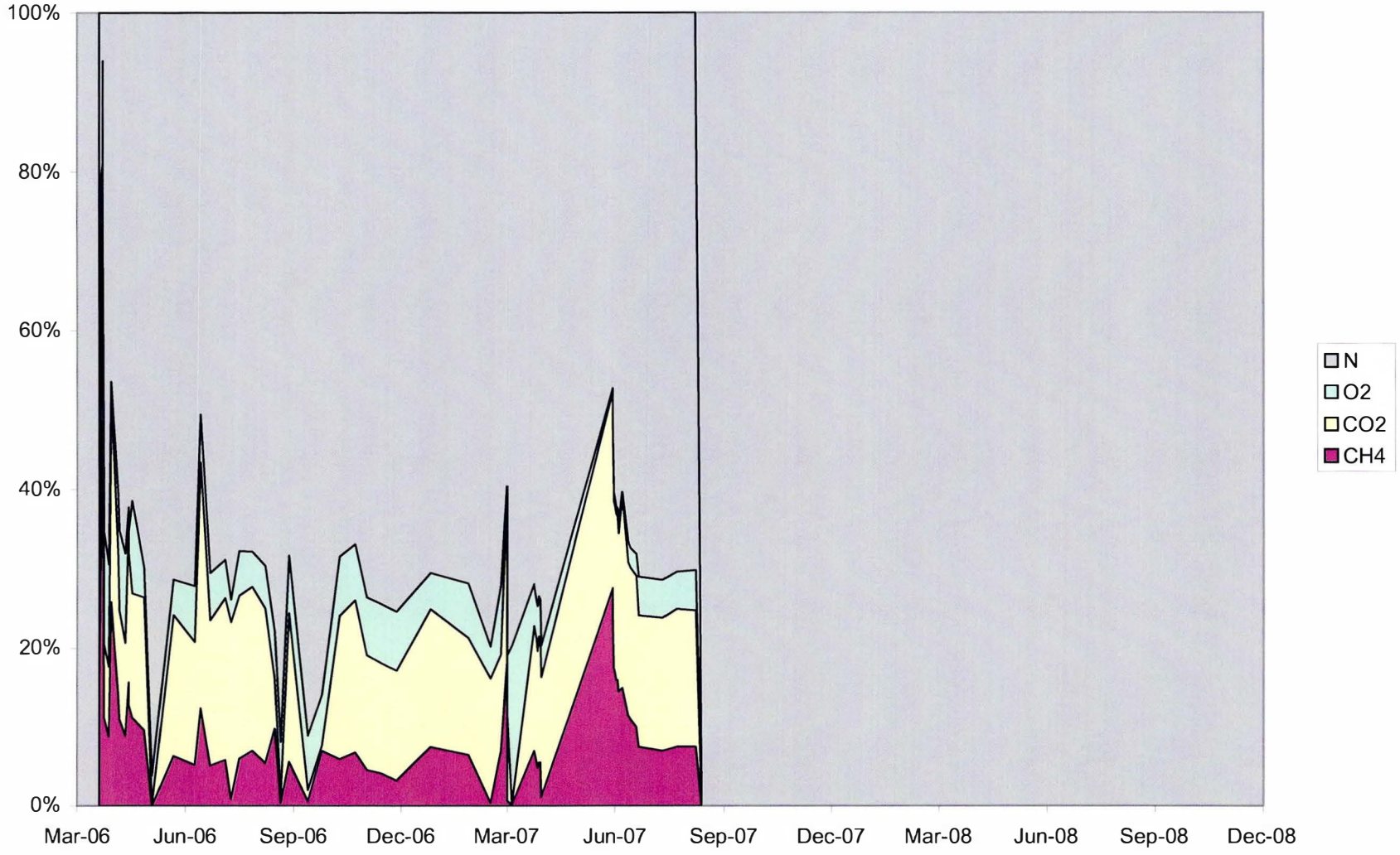

Chart 6: GV-12 Gas Concentrations

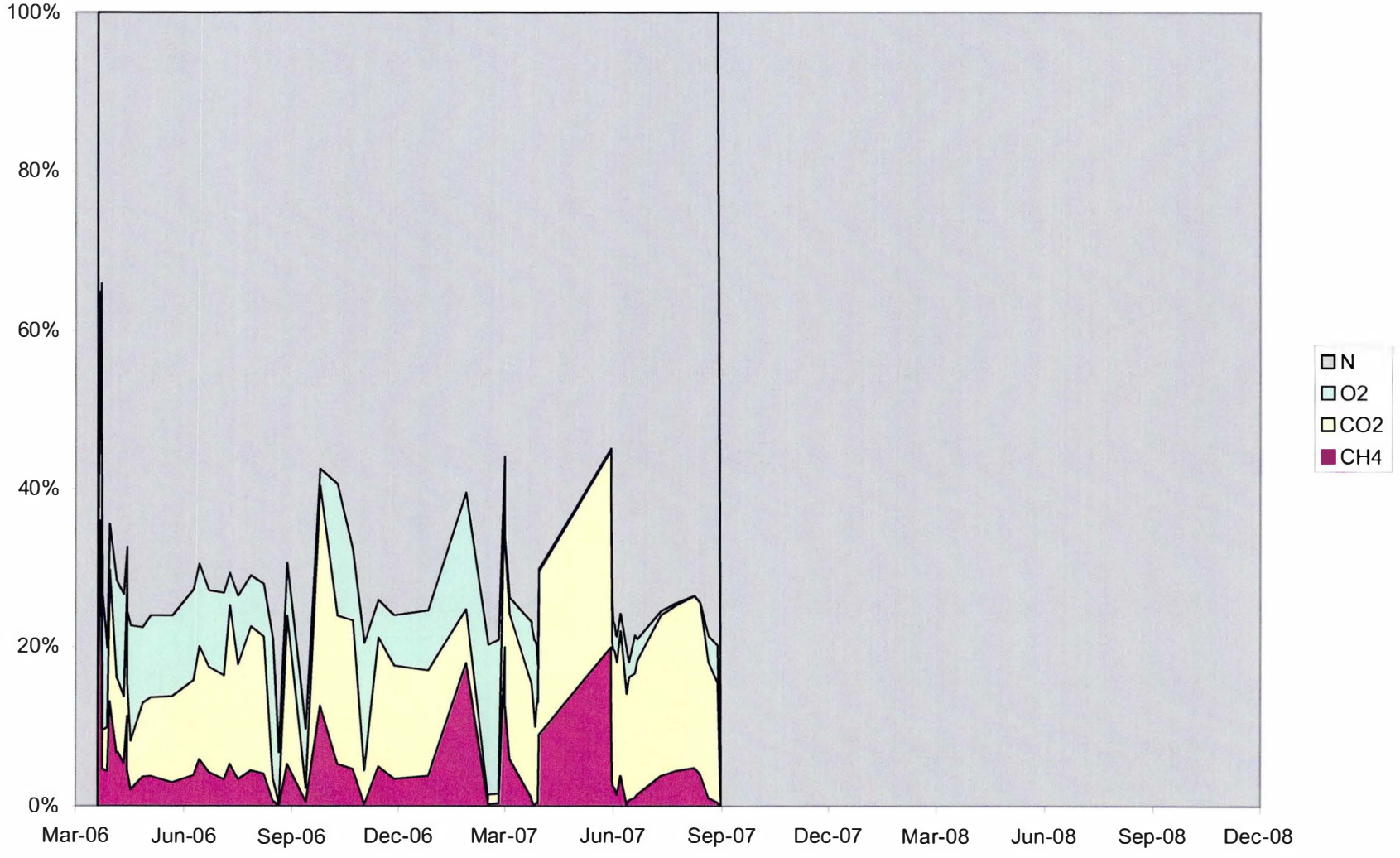

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Chart 7: LC-1 Gas Concentrations

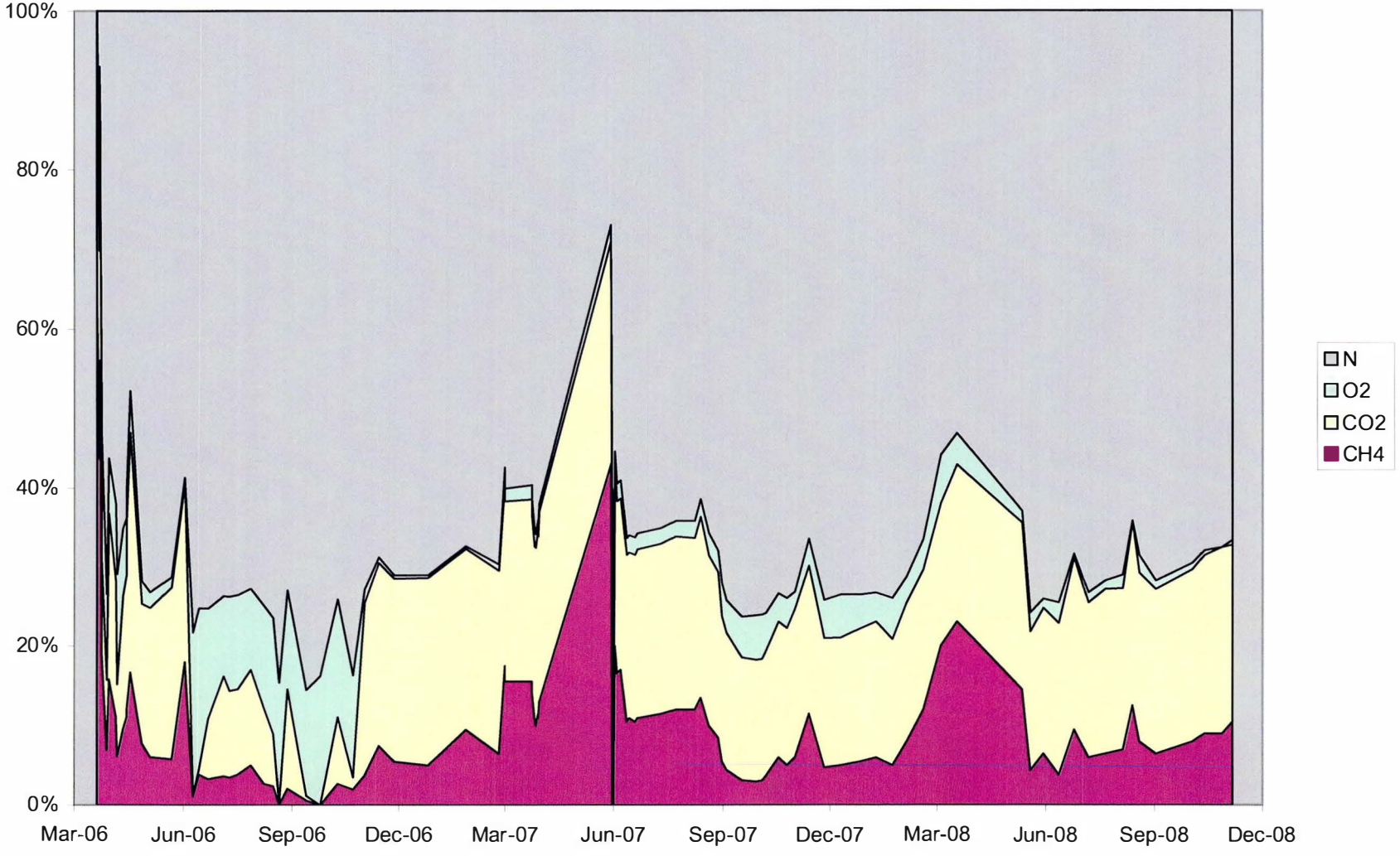

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Chart 8LC-2 Gas Concentrations

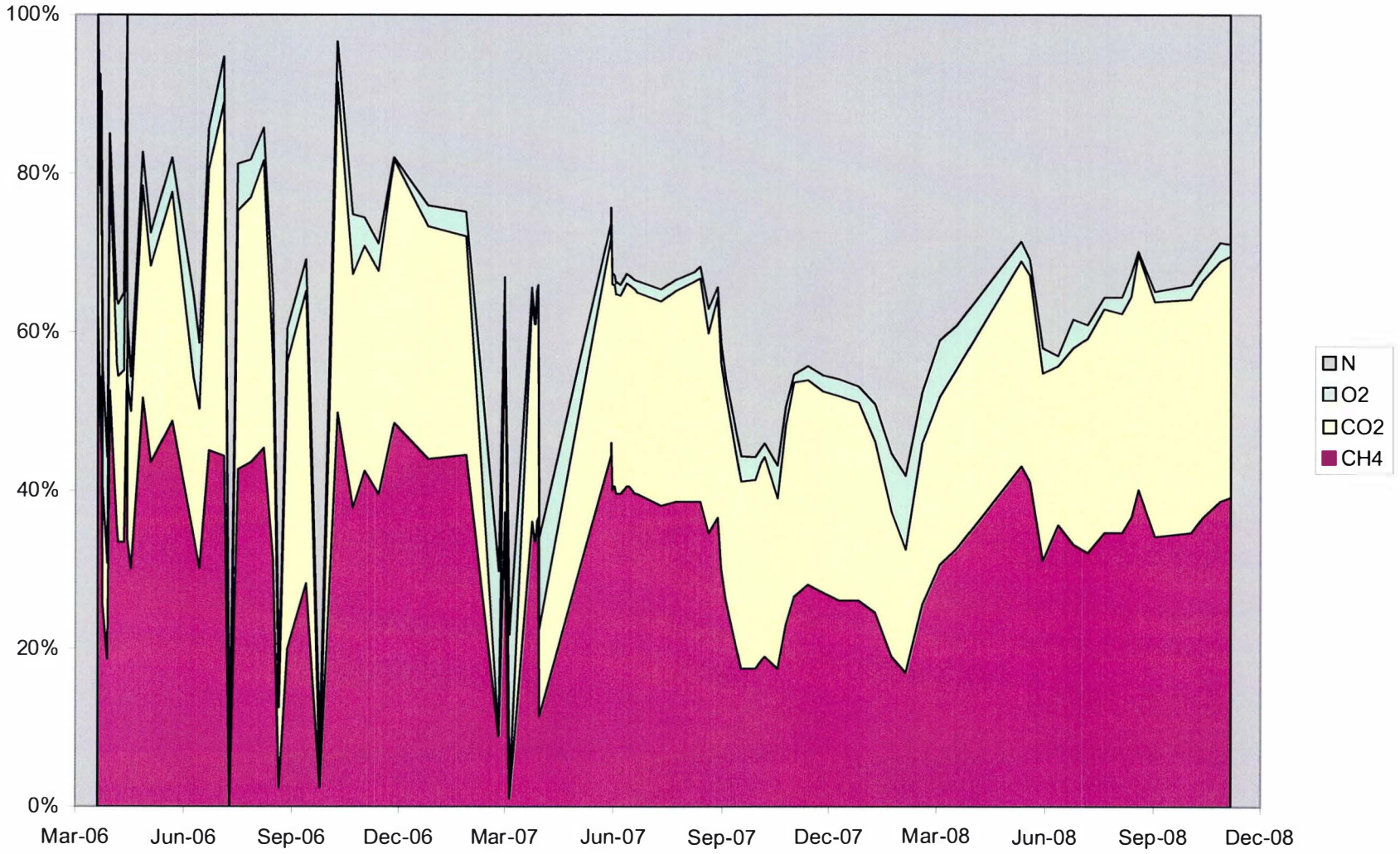

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Chart 9: LC-3 Gas Concentrations

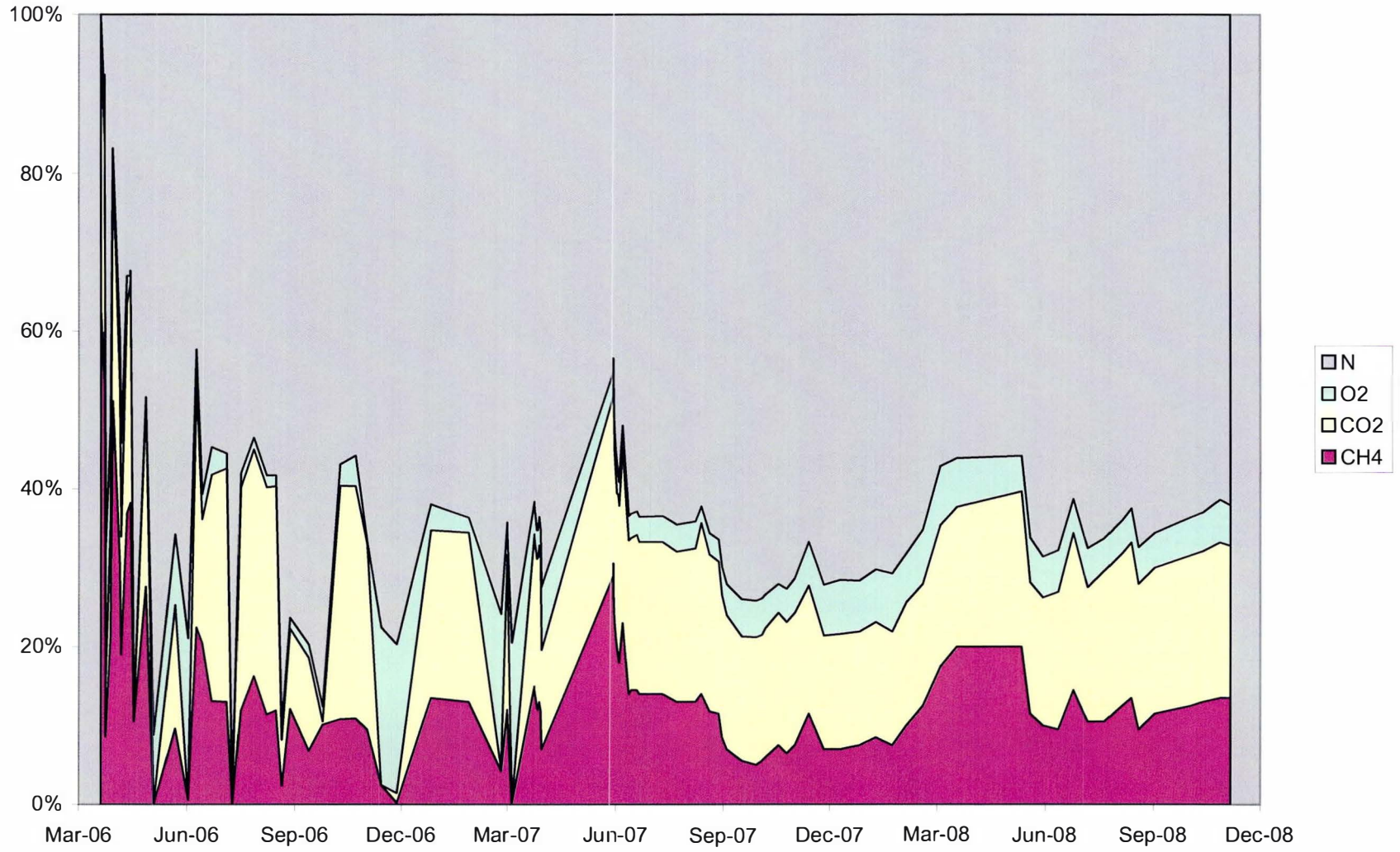

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Chart 10: System Exhaust

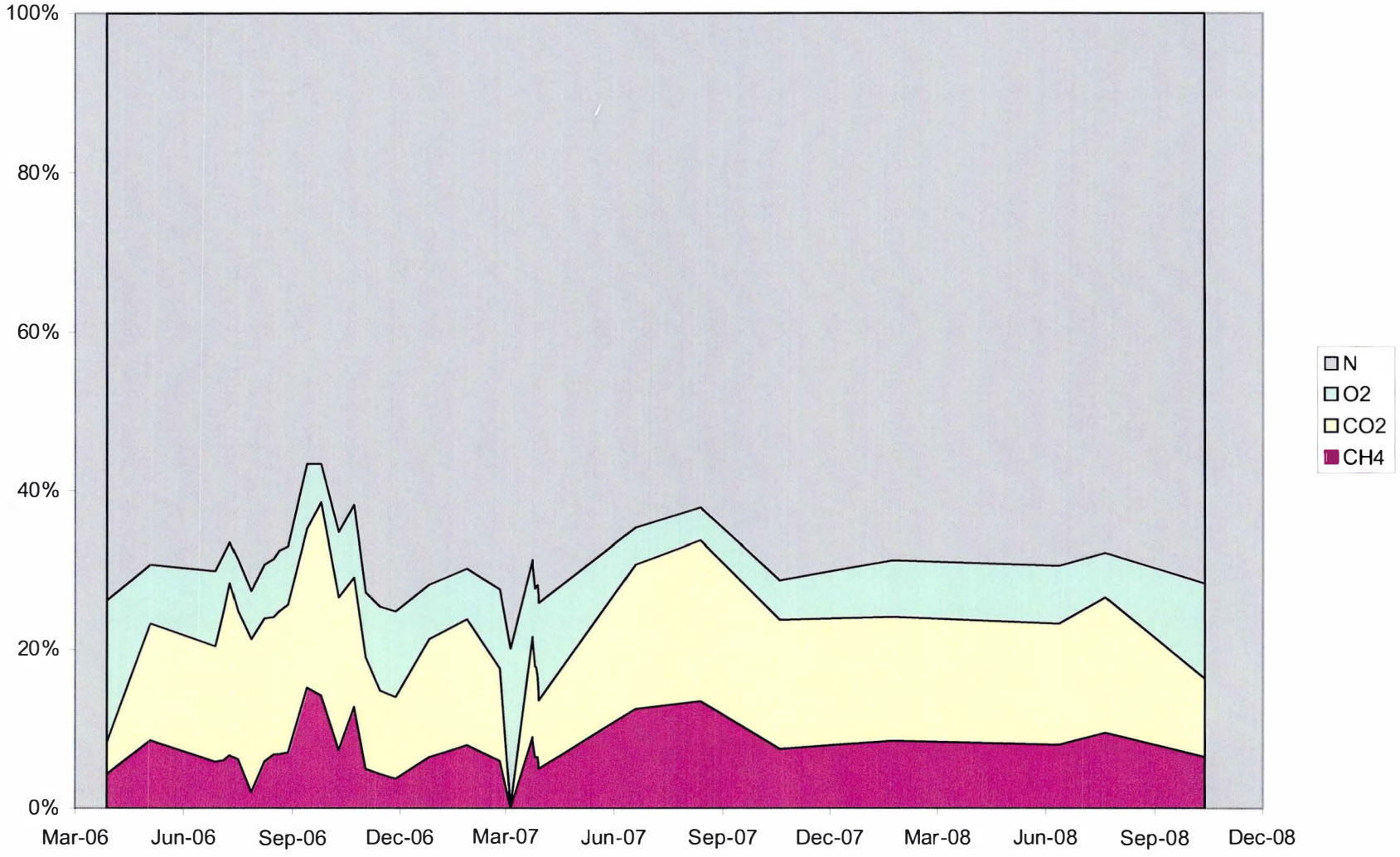

Chart 11: GP-1 Gas Concentrations

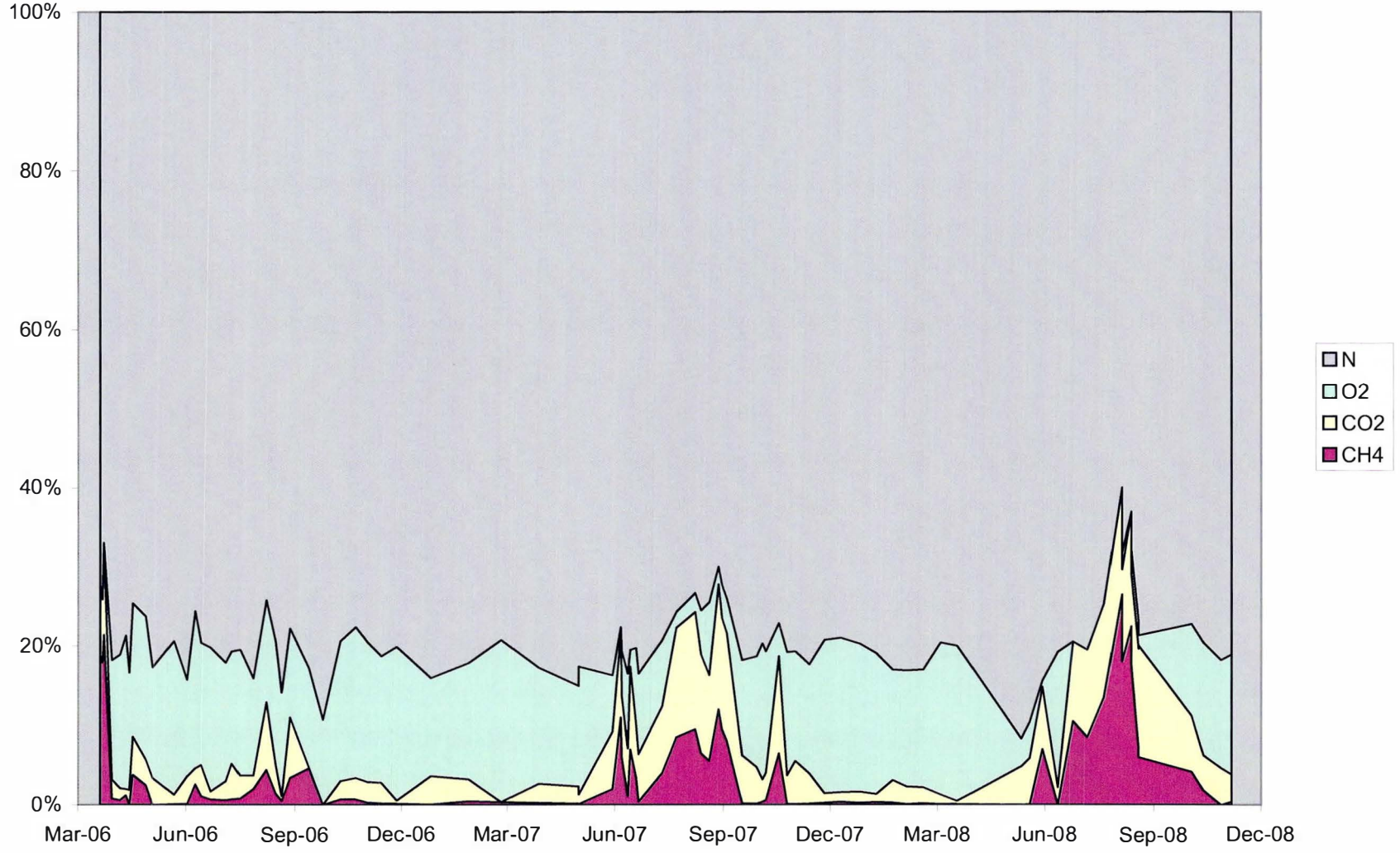

Chart 12: GP-2 Gas Concentrations

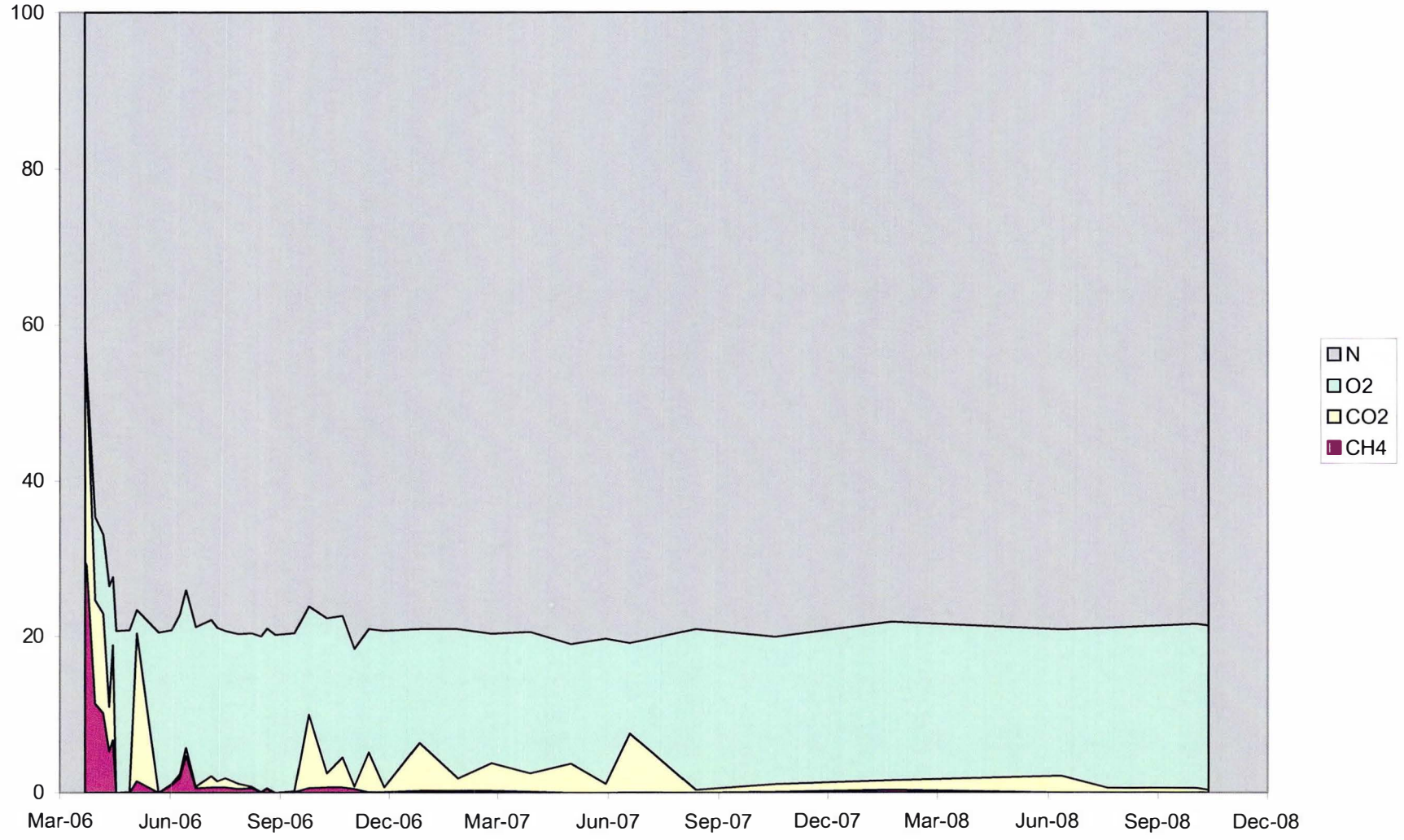

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Chart 13: GP-3 Gas Concentrations

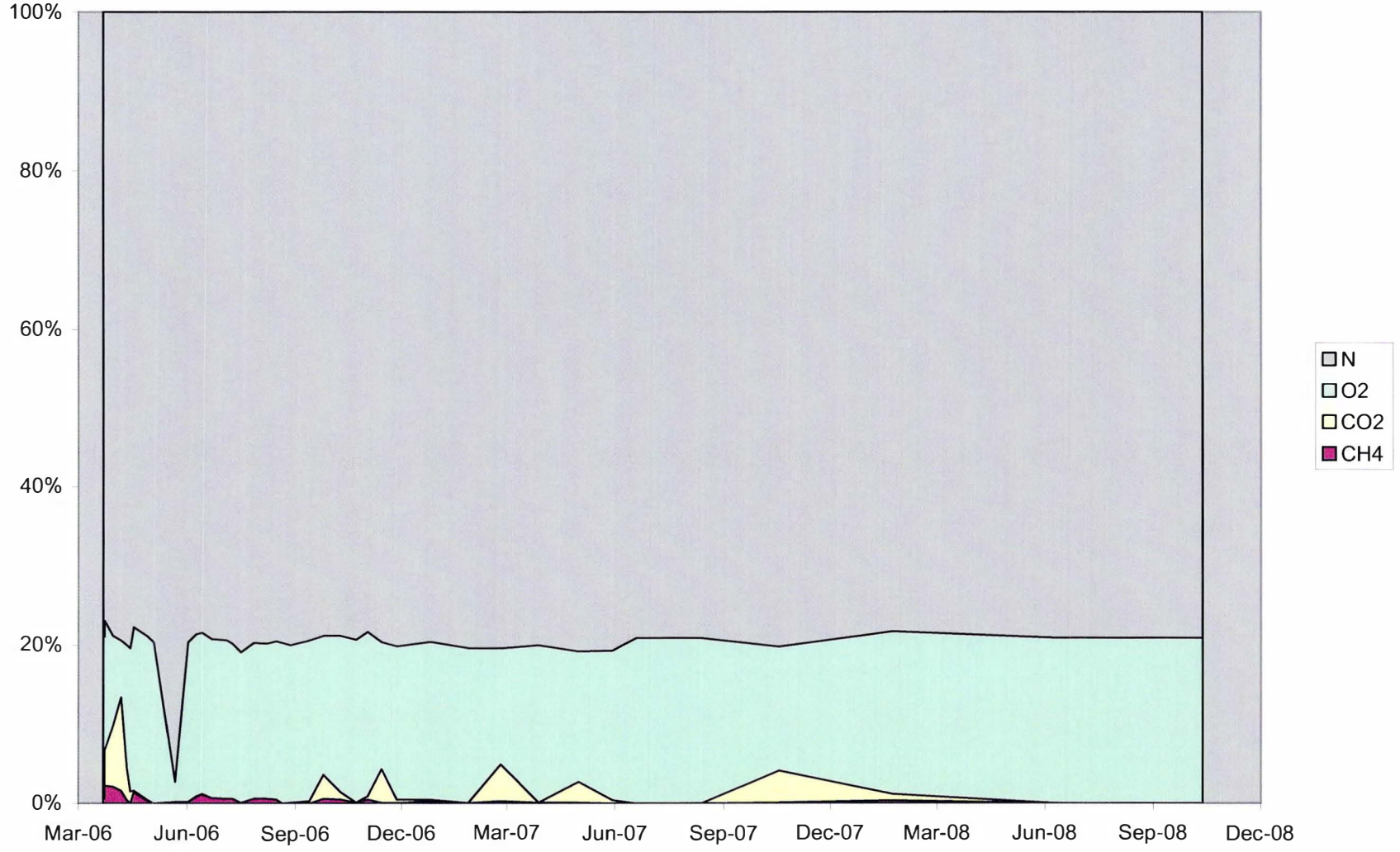

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Chart 14: GP-4 Gas Concentrations

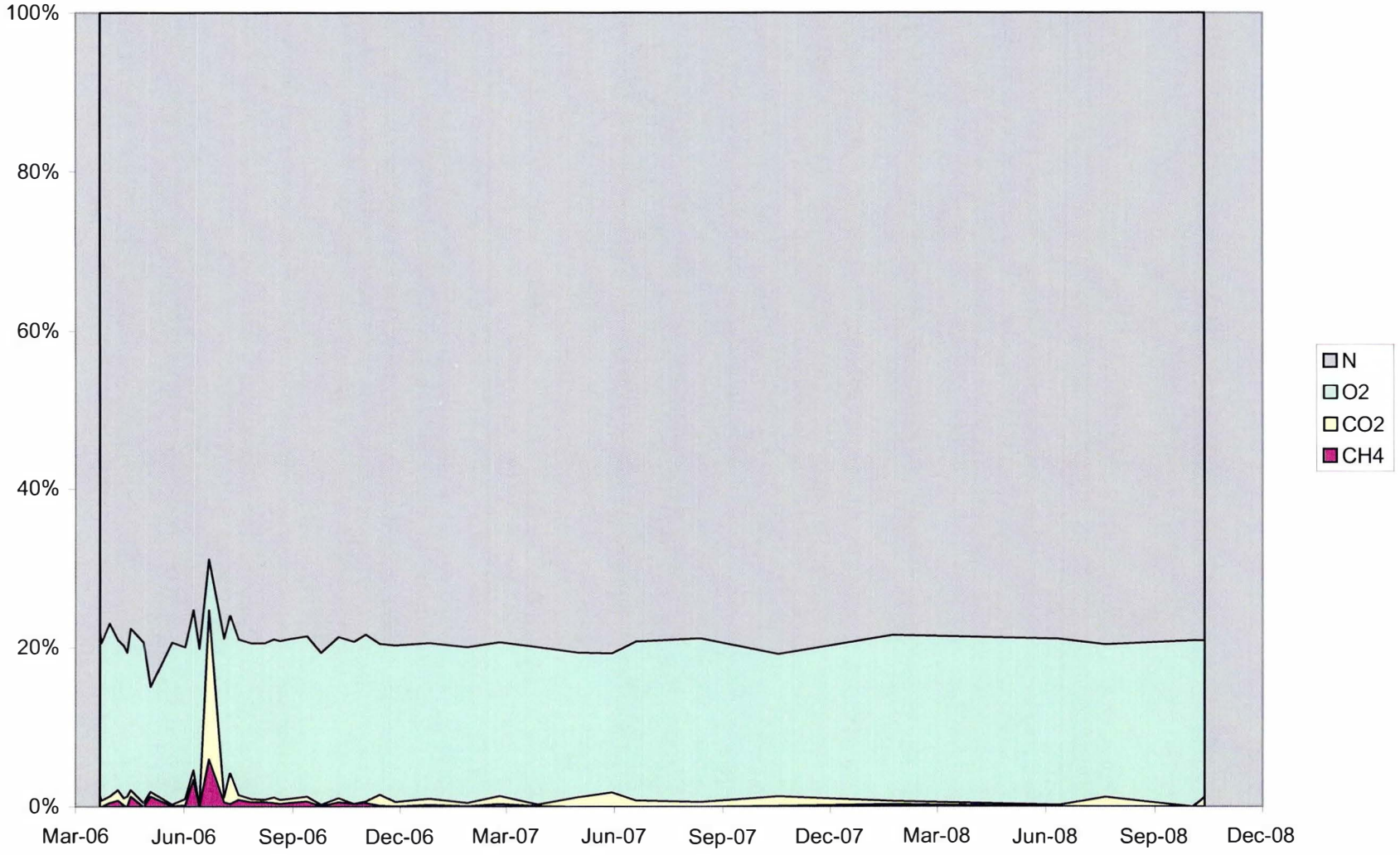

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Chart 15: GP-5 Gas Concentrations

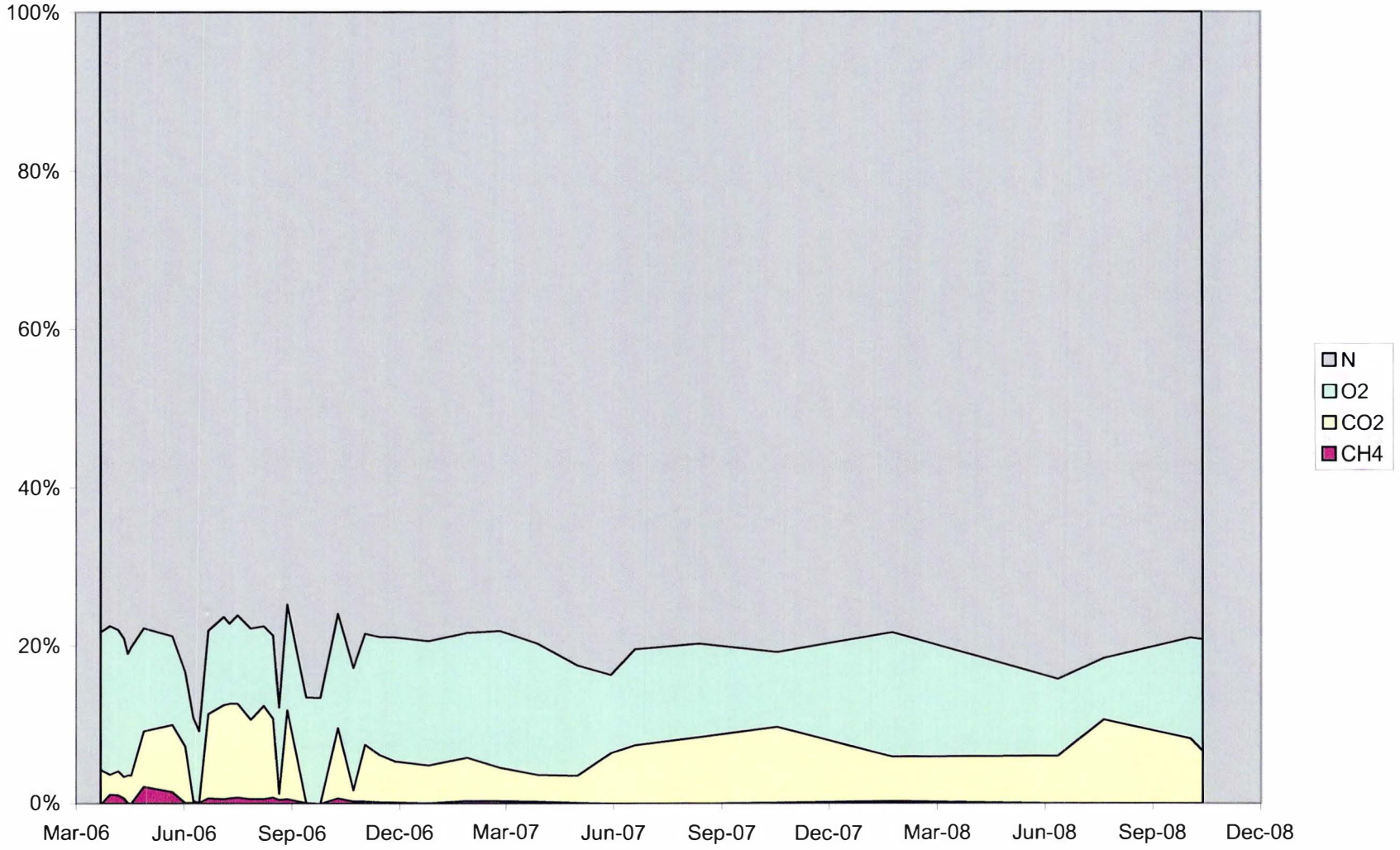

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Chart 16: GP-6 Gas Concentrations

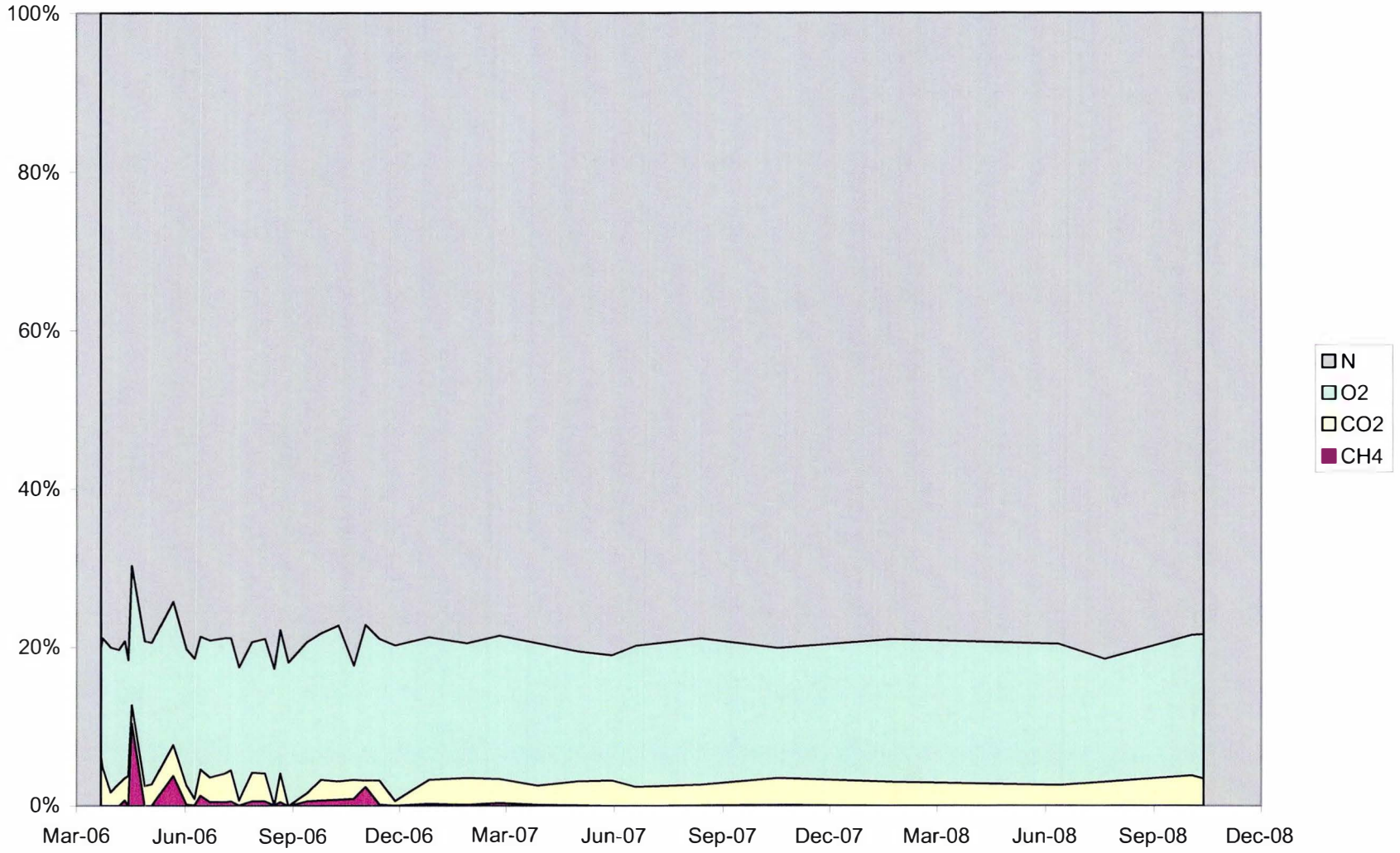

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Chart 17: GP-7 Gas Concentrations

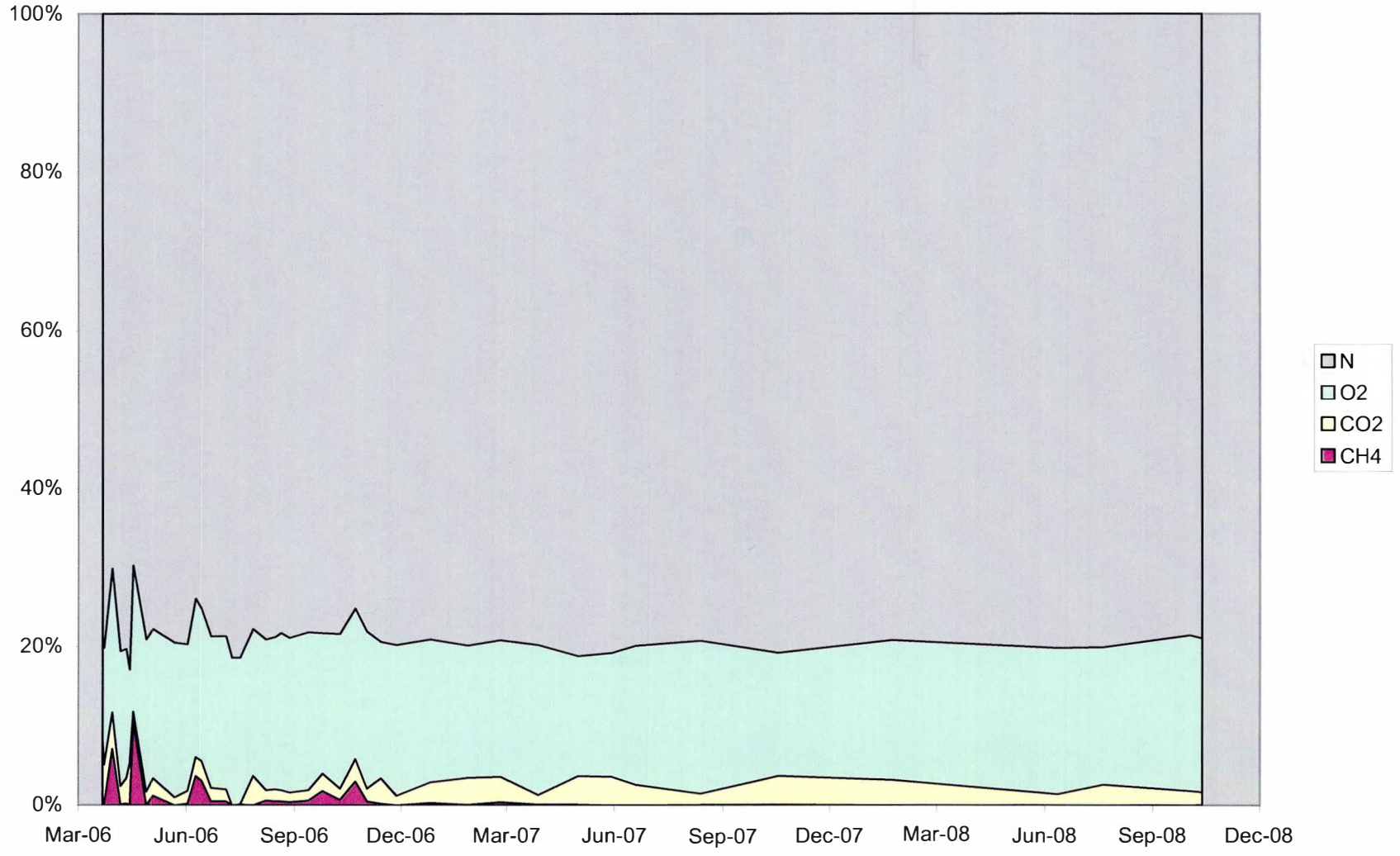

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Chart 18: GP-8 Gas Concentrations

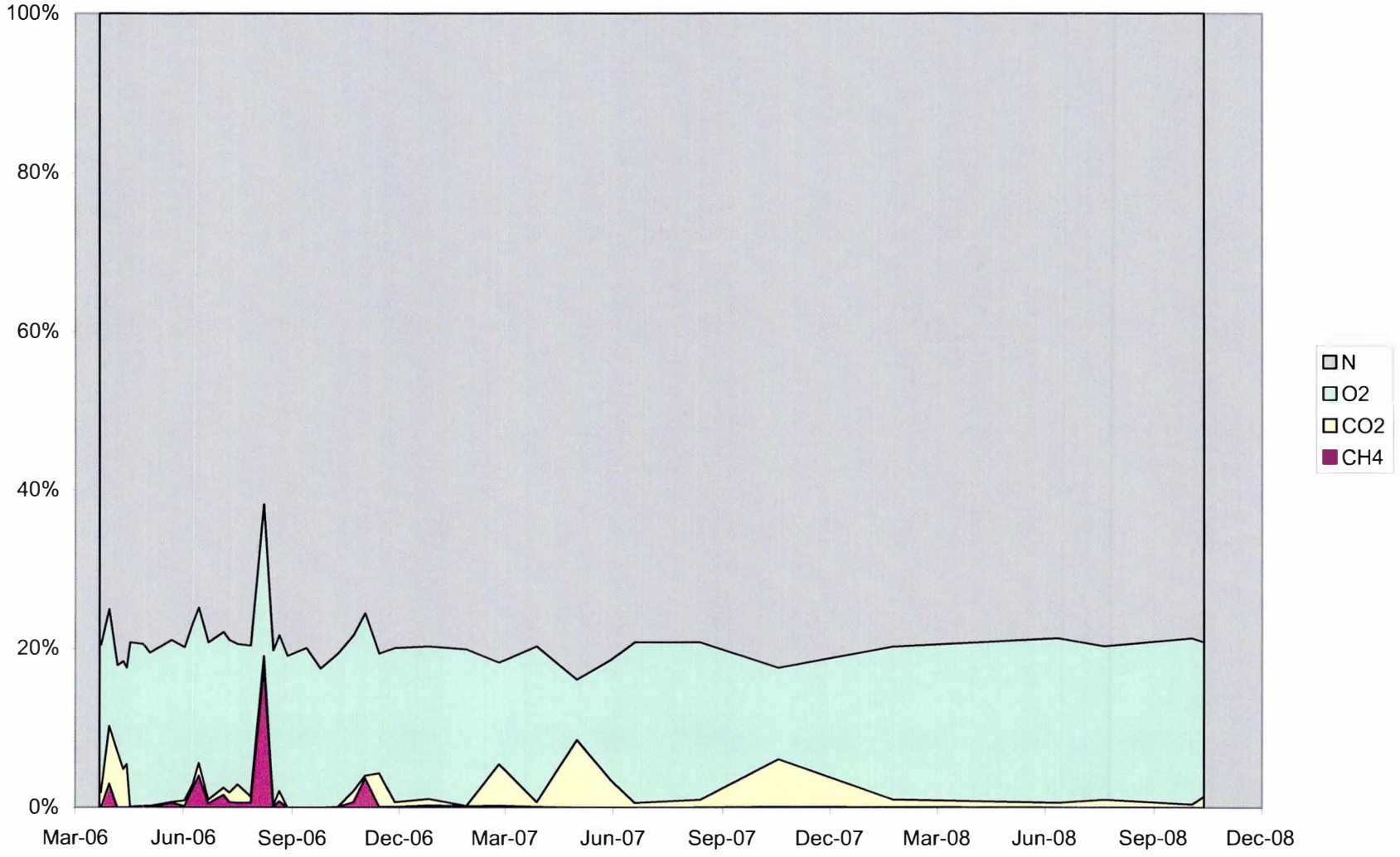

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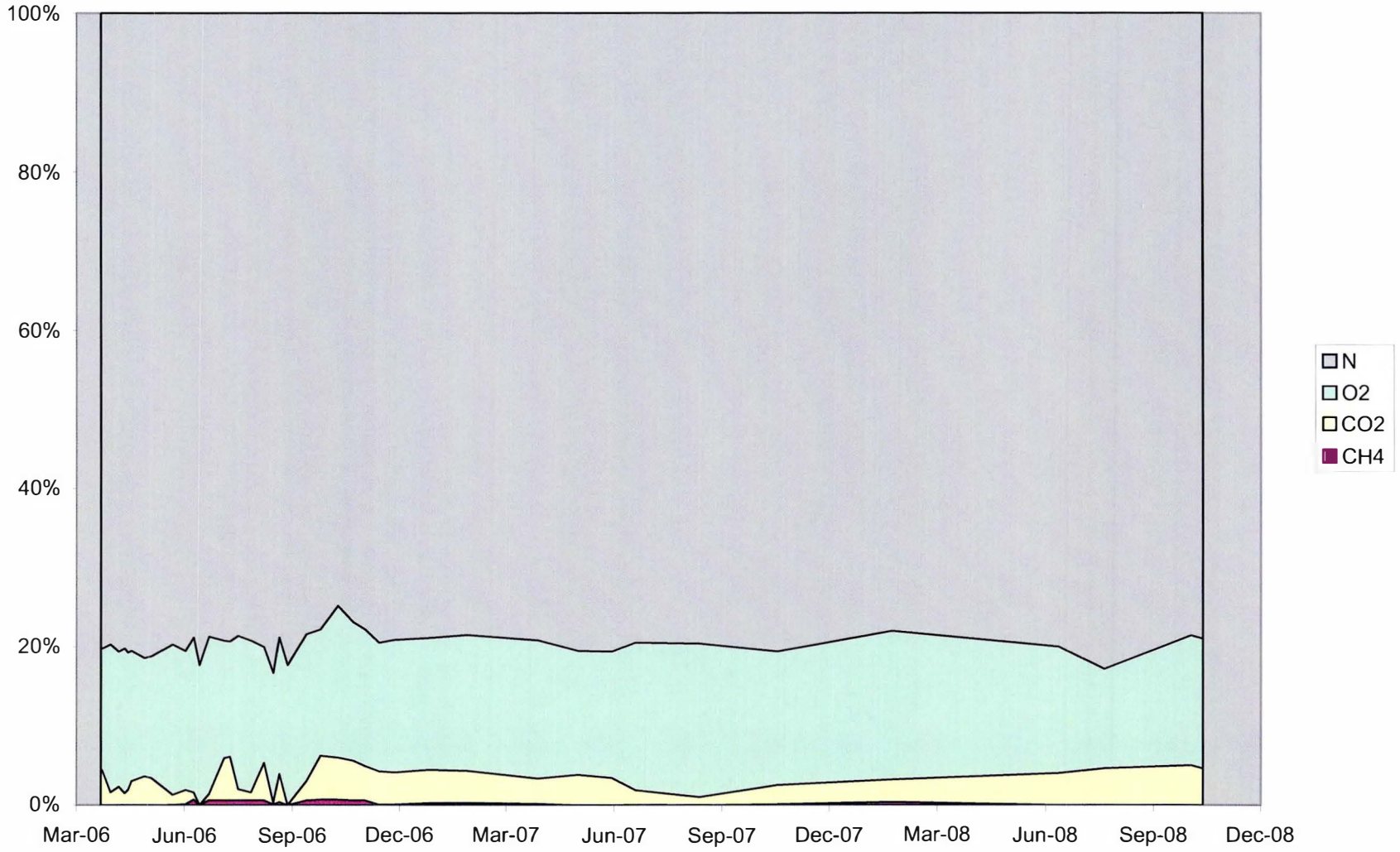
Chart 19: GP-10 Gas Concentrations



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[redacted] [redacted]

Chart 20: GP-11 Gas Concentrations

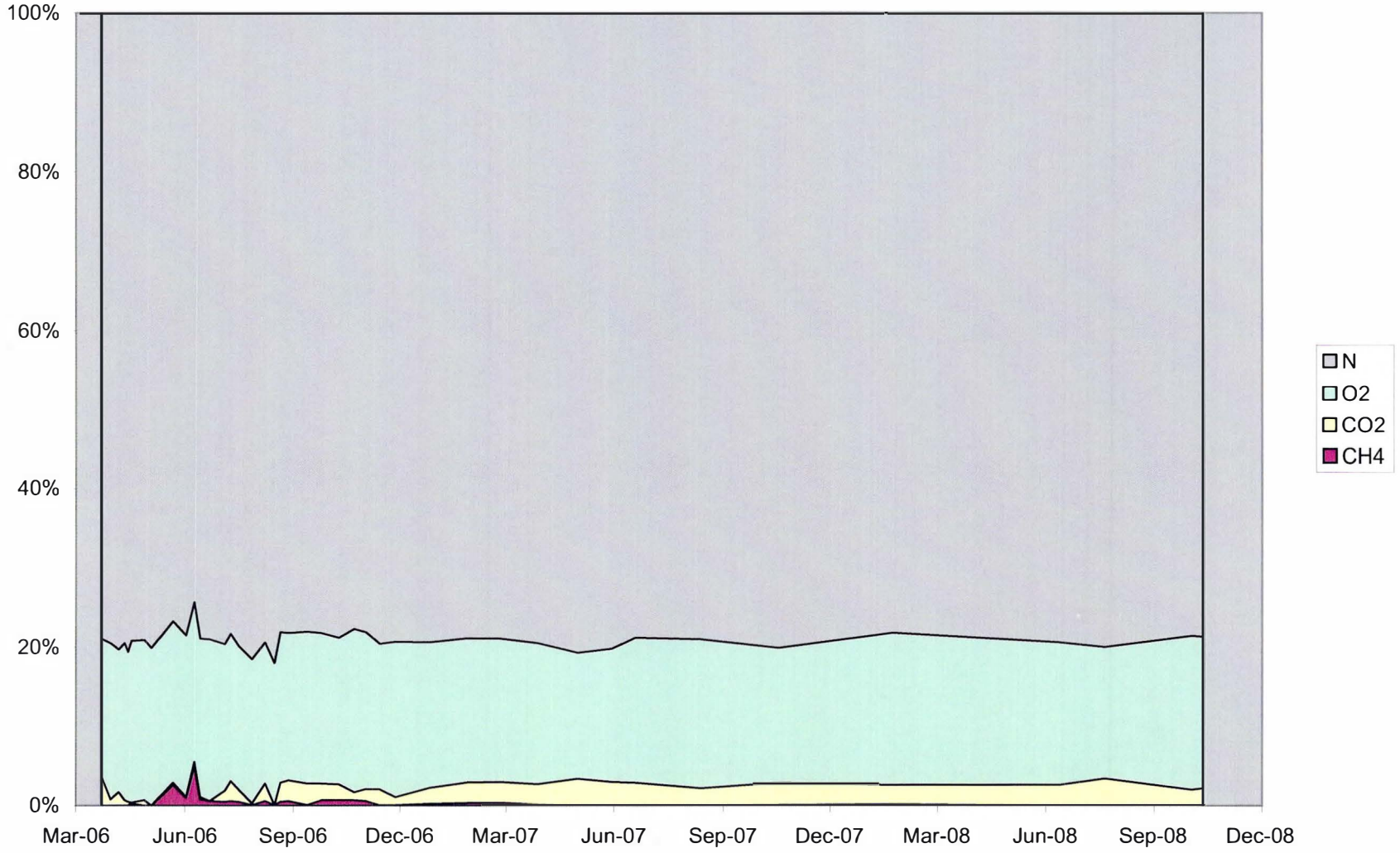

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Chart 21: GP-12 Gas Concentrations

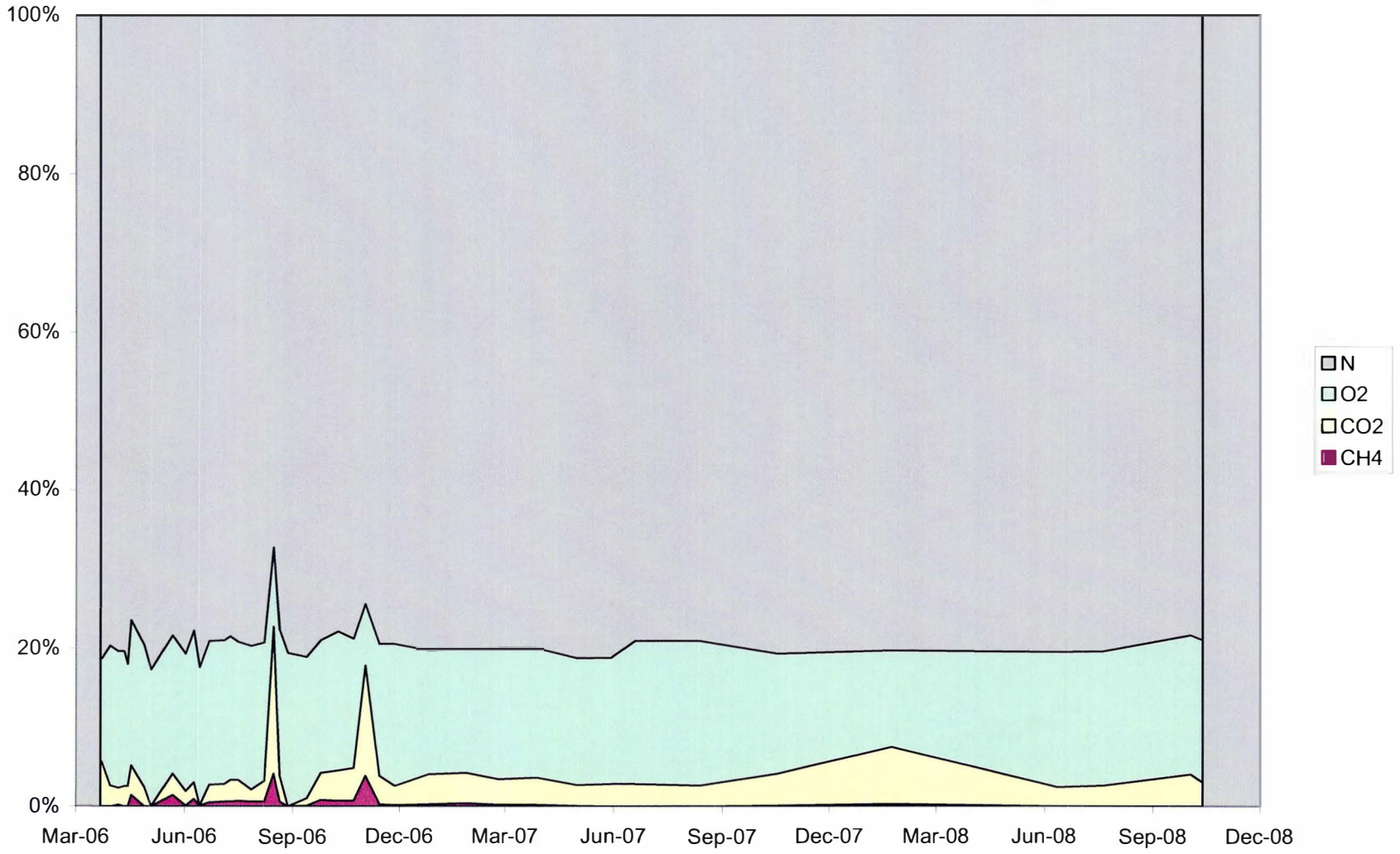

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Chart 22: MW-101 Gas Concentrations

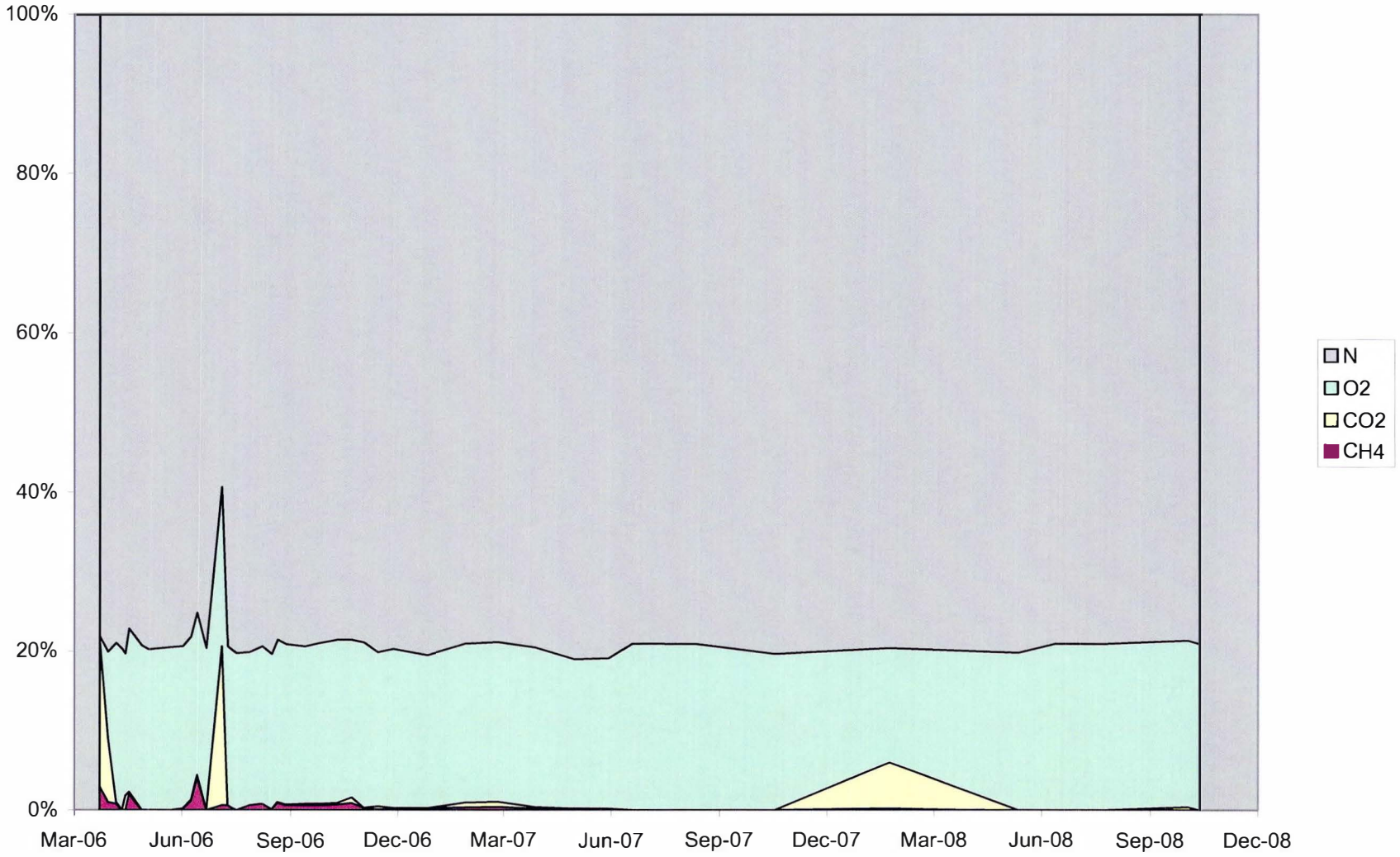

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Chart 23: MW-102 Gas Concentrations

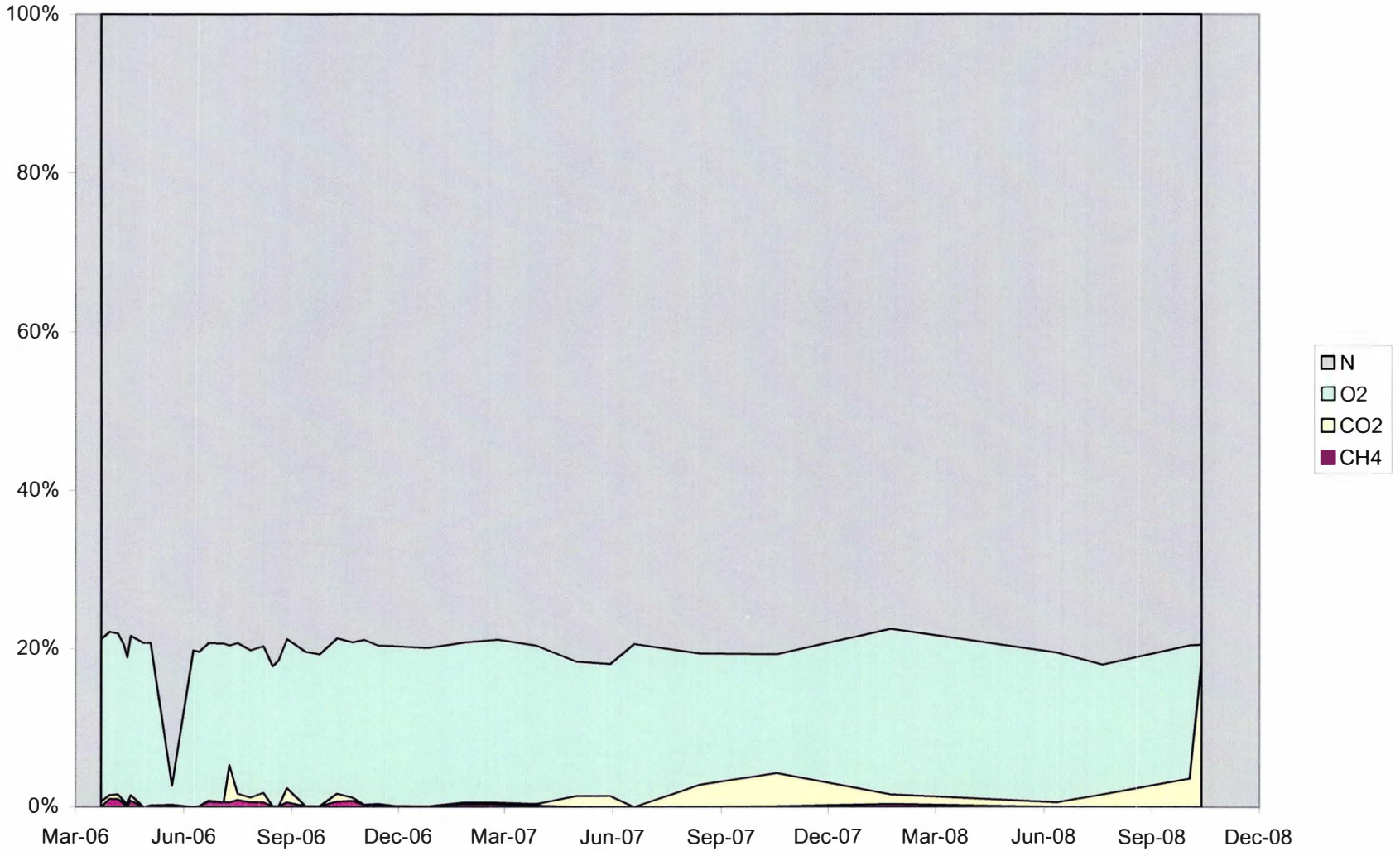

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Chart 24: MW-103 Gas Concentrations

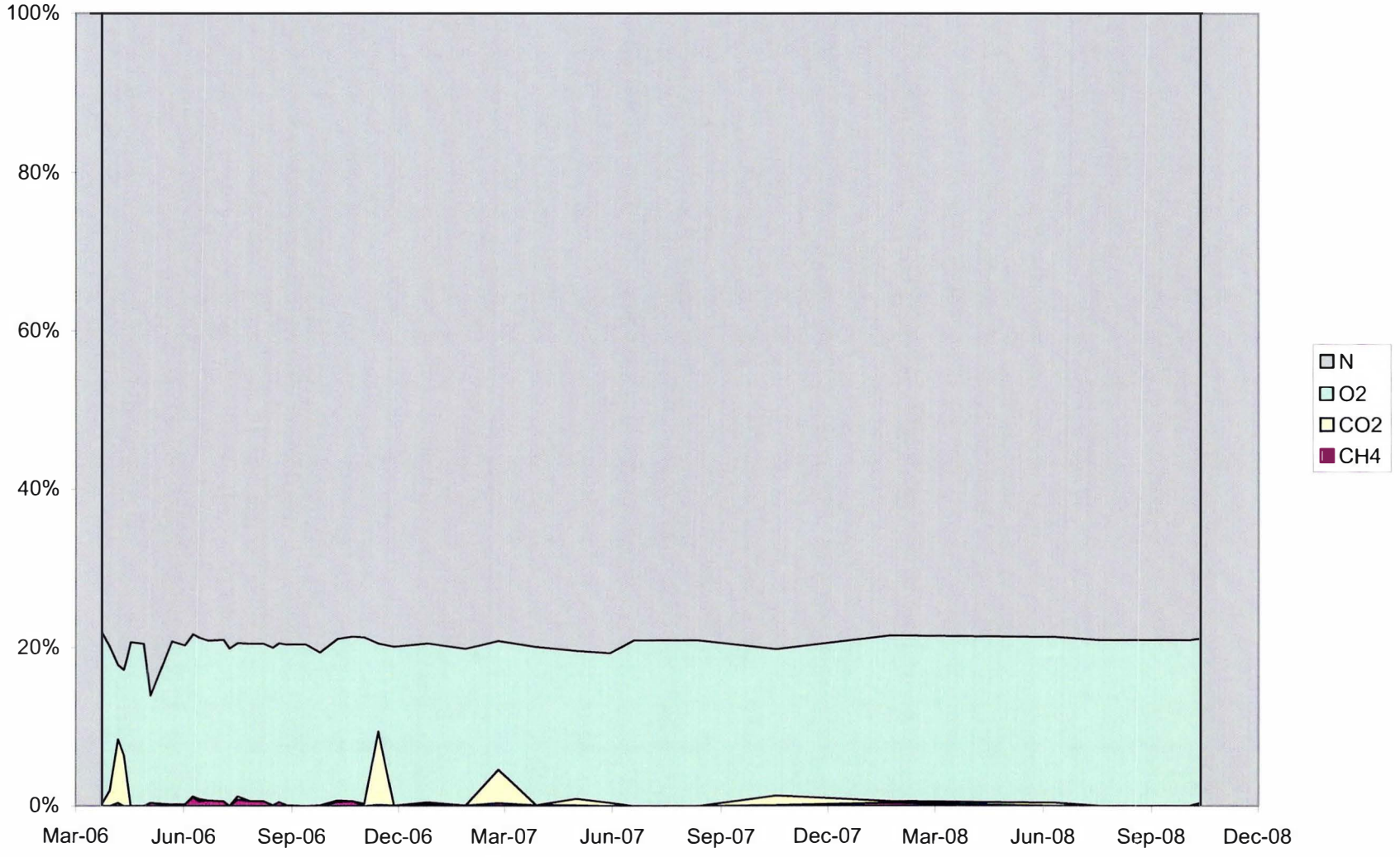

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Chart 25: MW-104 Gas Concentrations

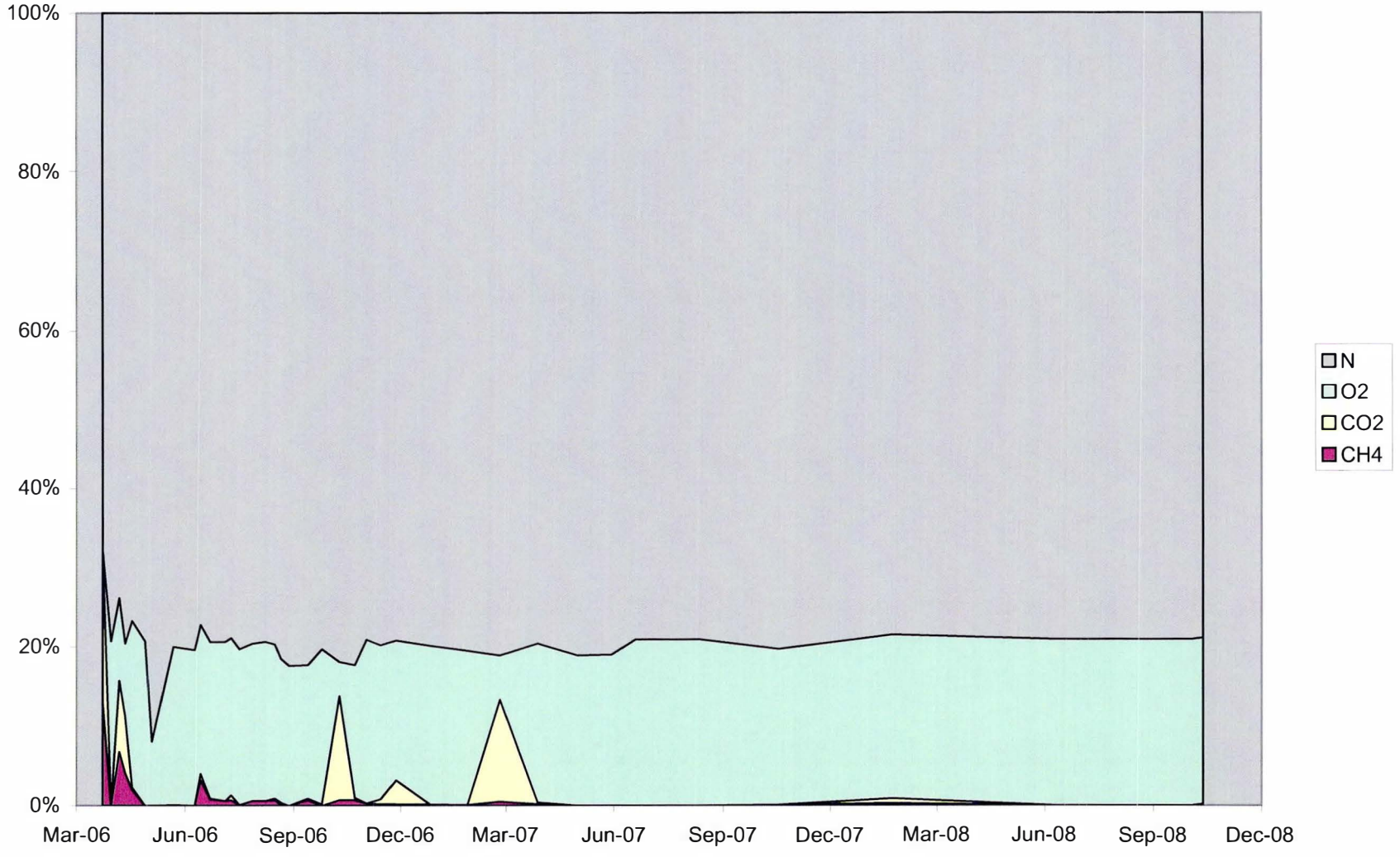

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Chart 26: Barometric Pressure
(Weather Station: Ripon, WI)

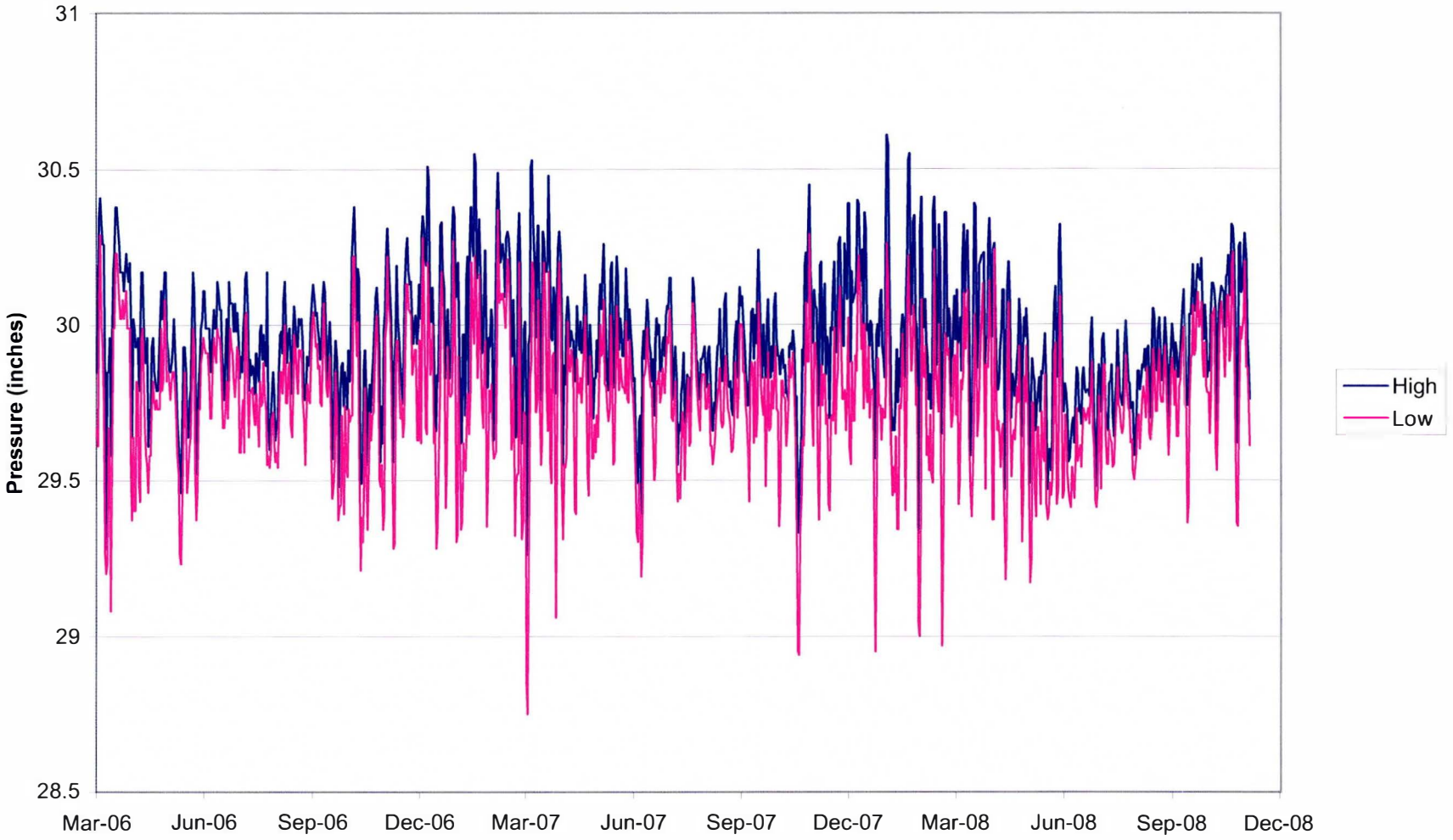

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Chart 27: MW-101
Layer 1 Well

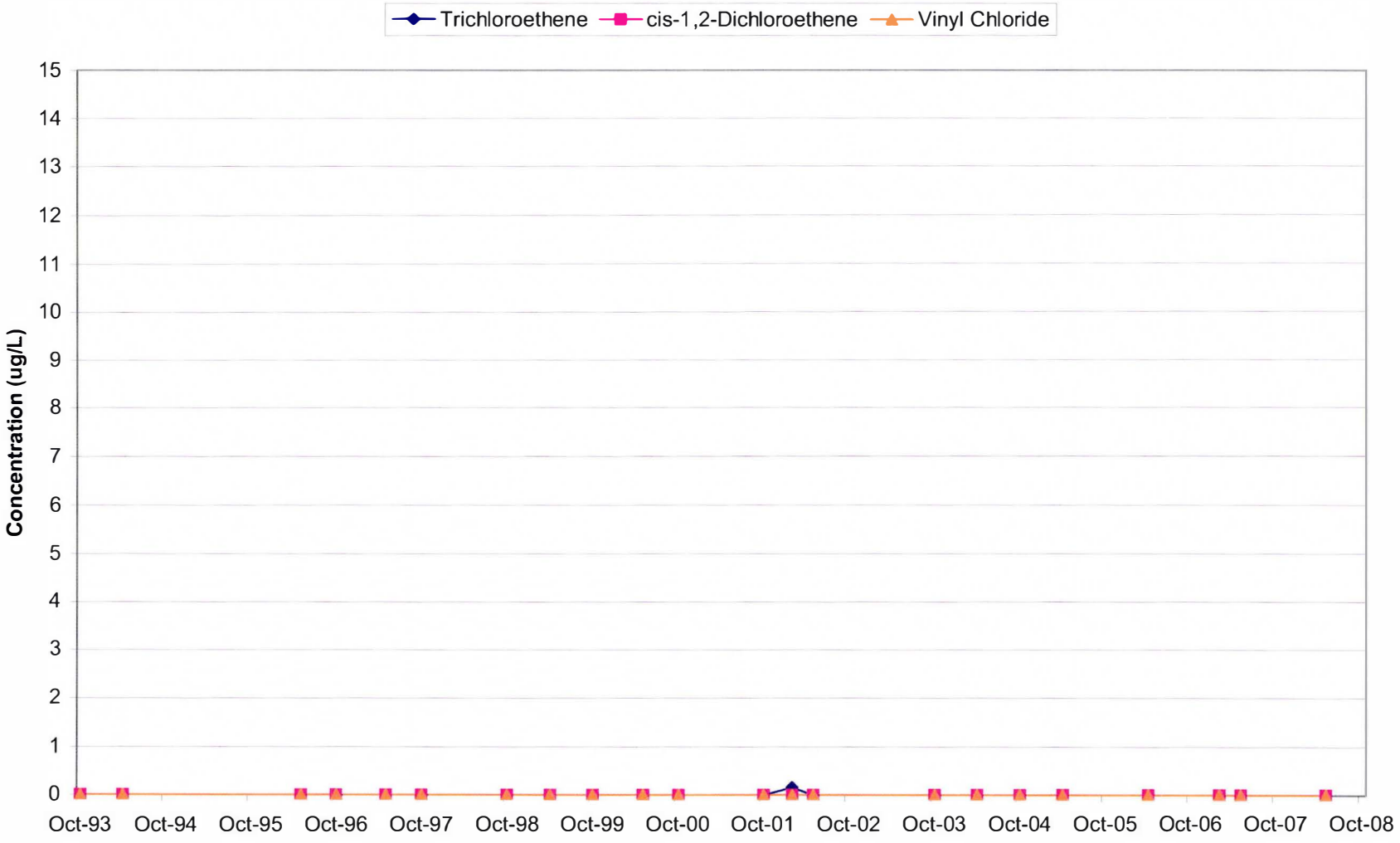

Chart 28: MW-102
Layer 1 Well

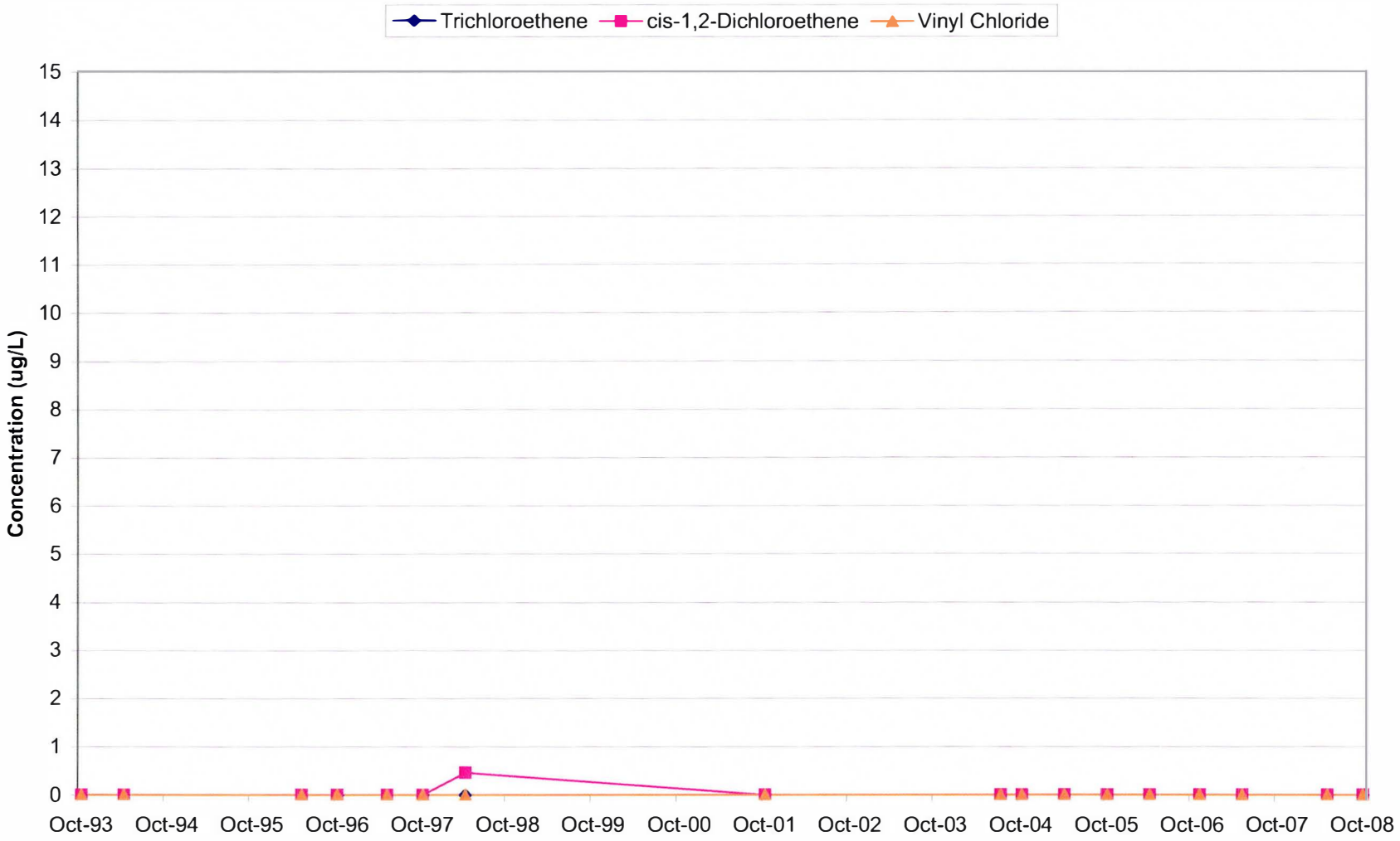

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Chart 29: MW-103
Layer 1 Well

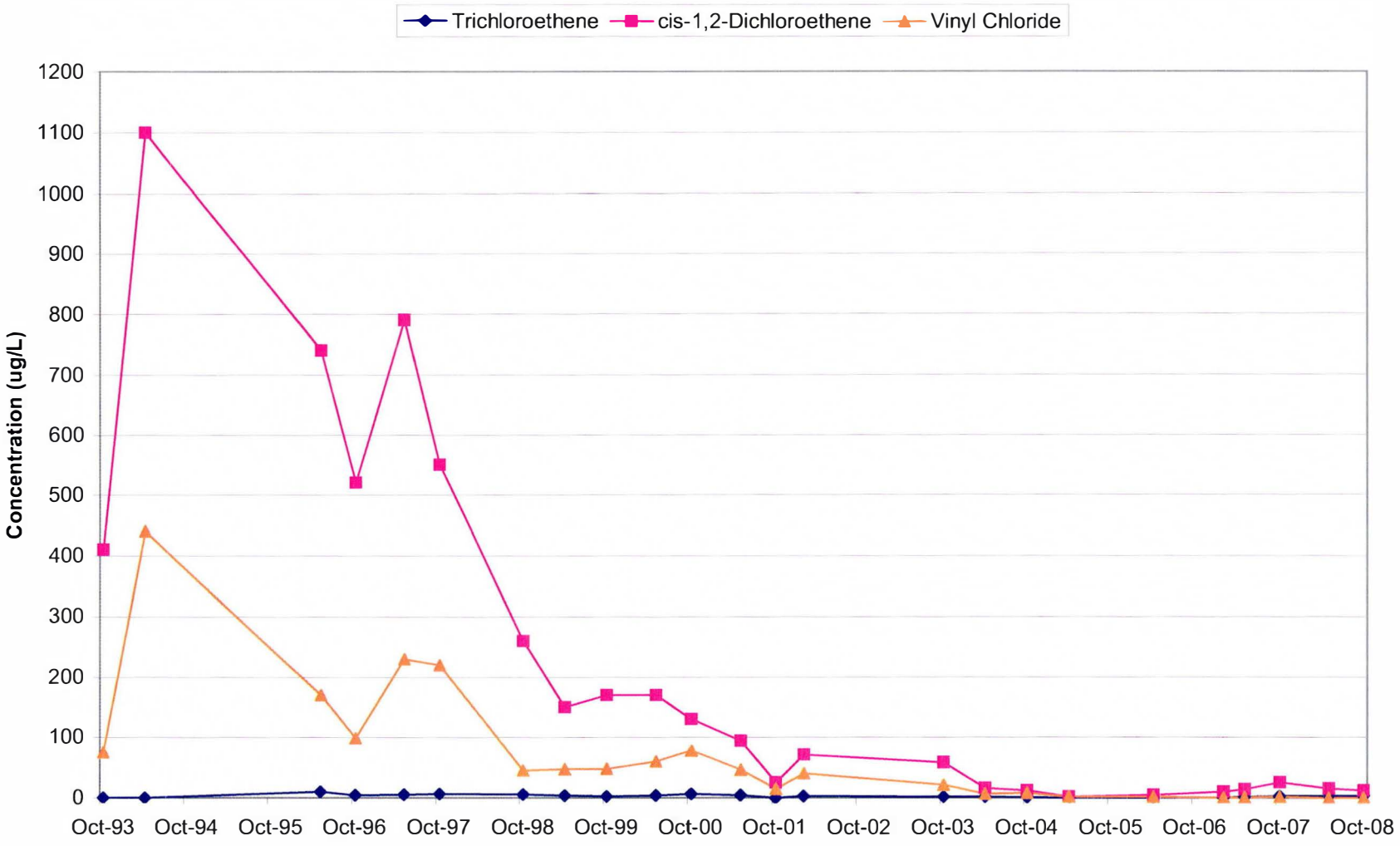

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Chart 30: MW-104
Layer 1 Well

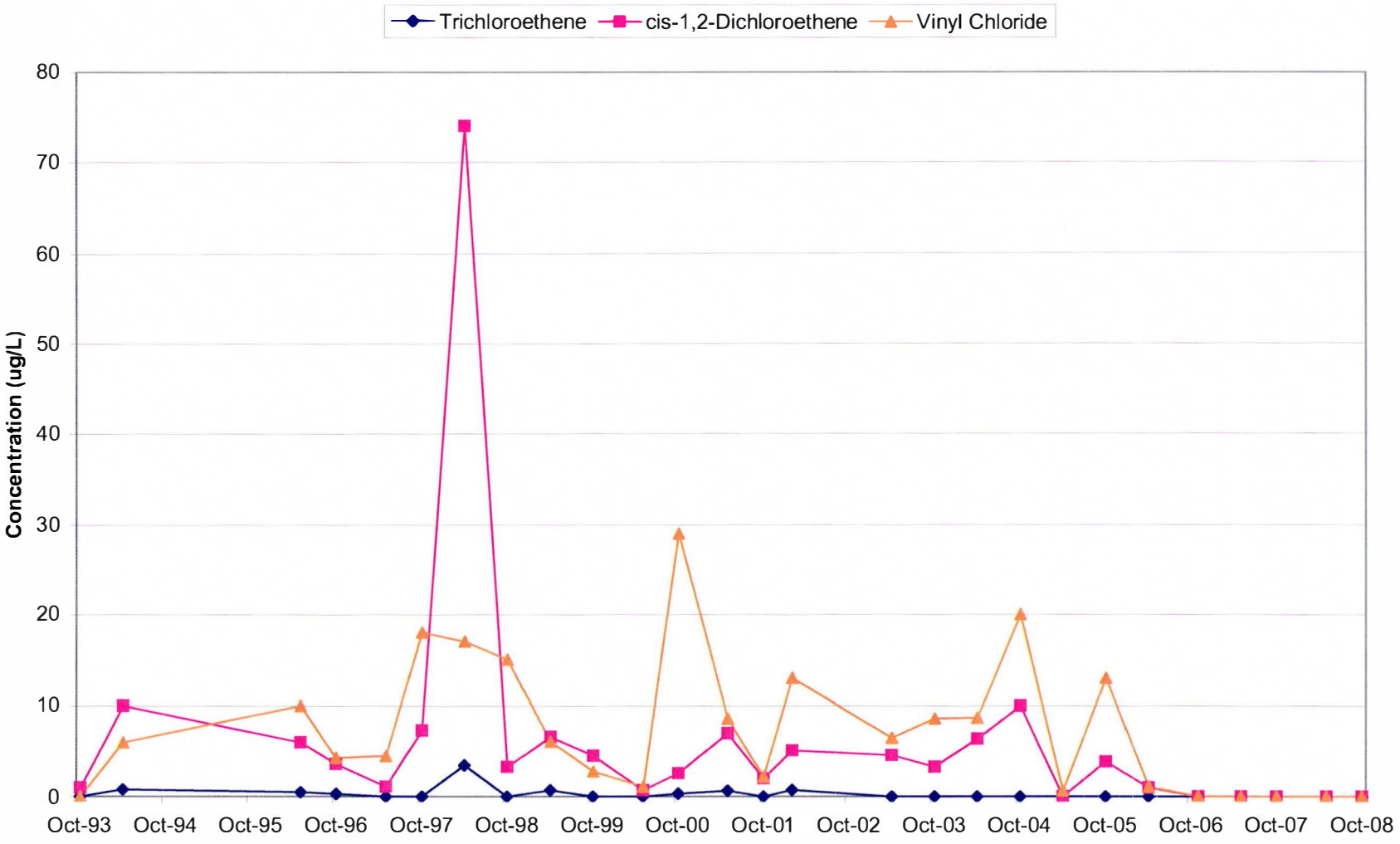

Chart 31: MW-106
Layer 1 Well

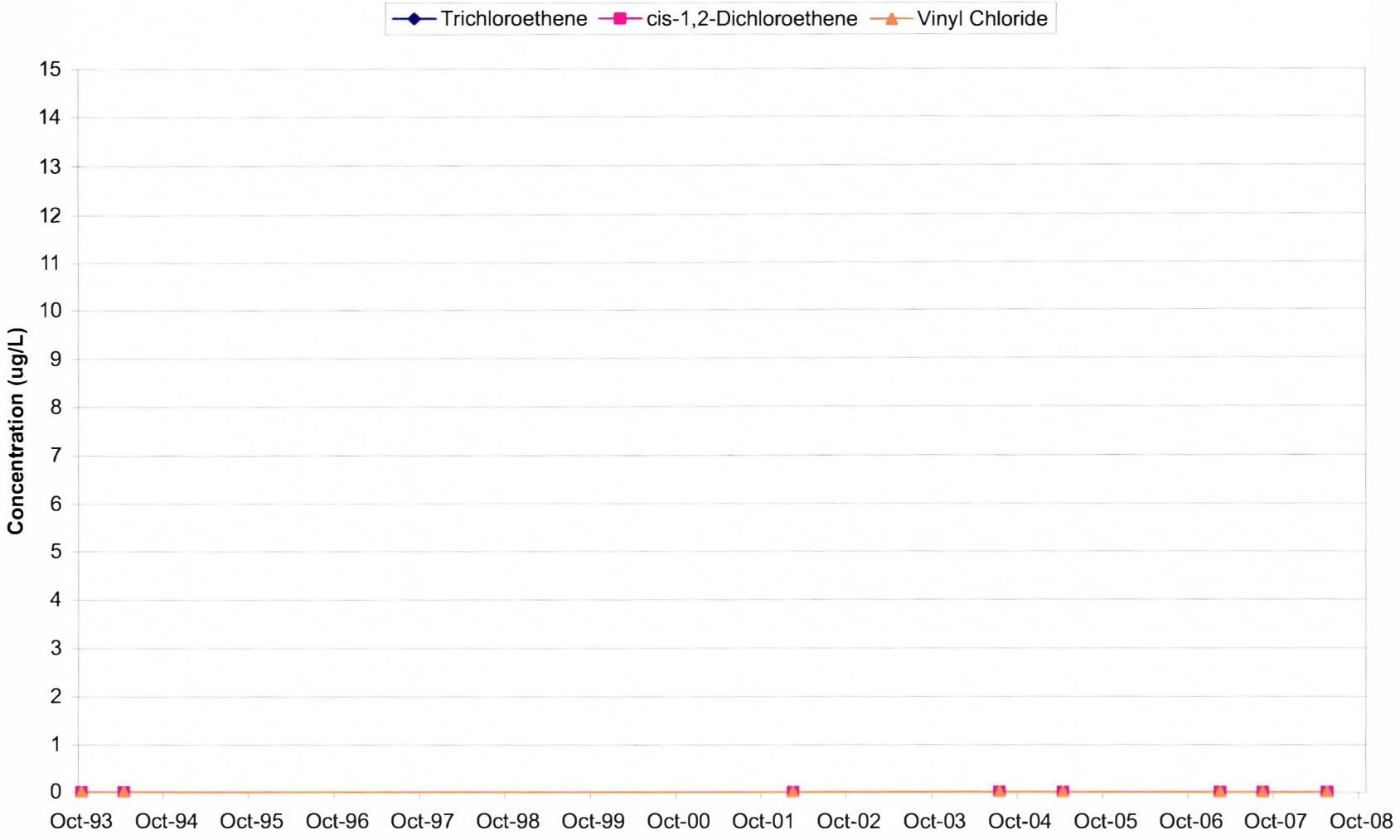

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Chart 32: MW-107
Layer 1 Well

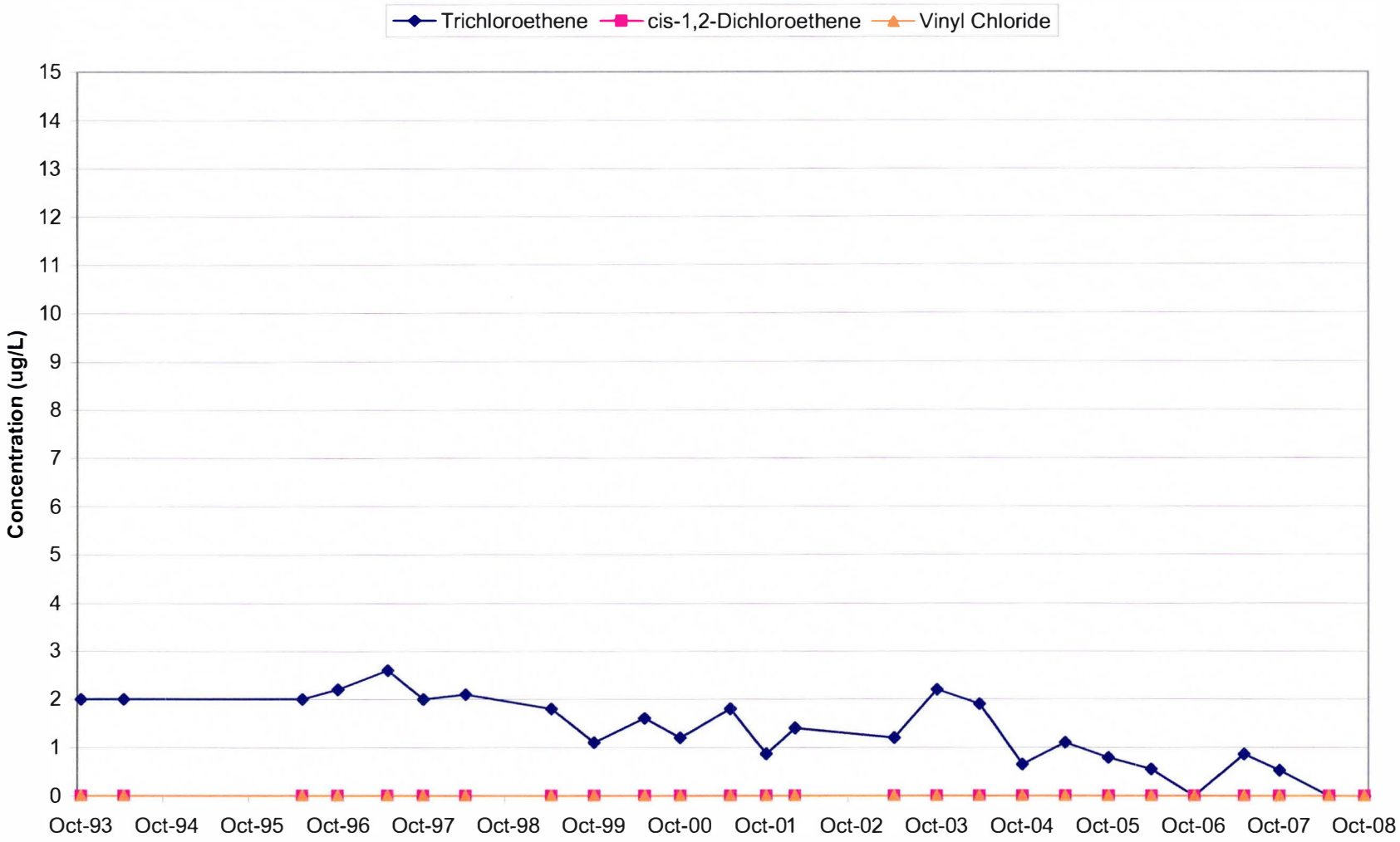

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Chart 33: MW-108
Layer 1 Well

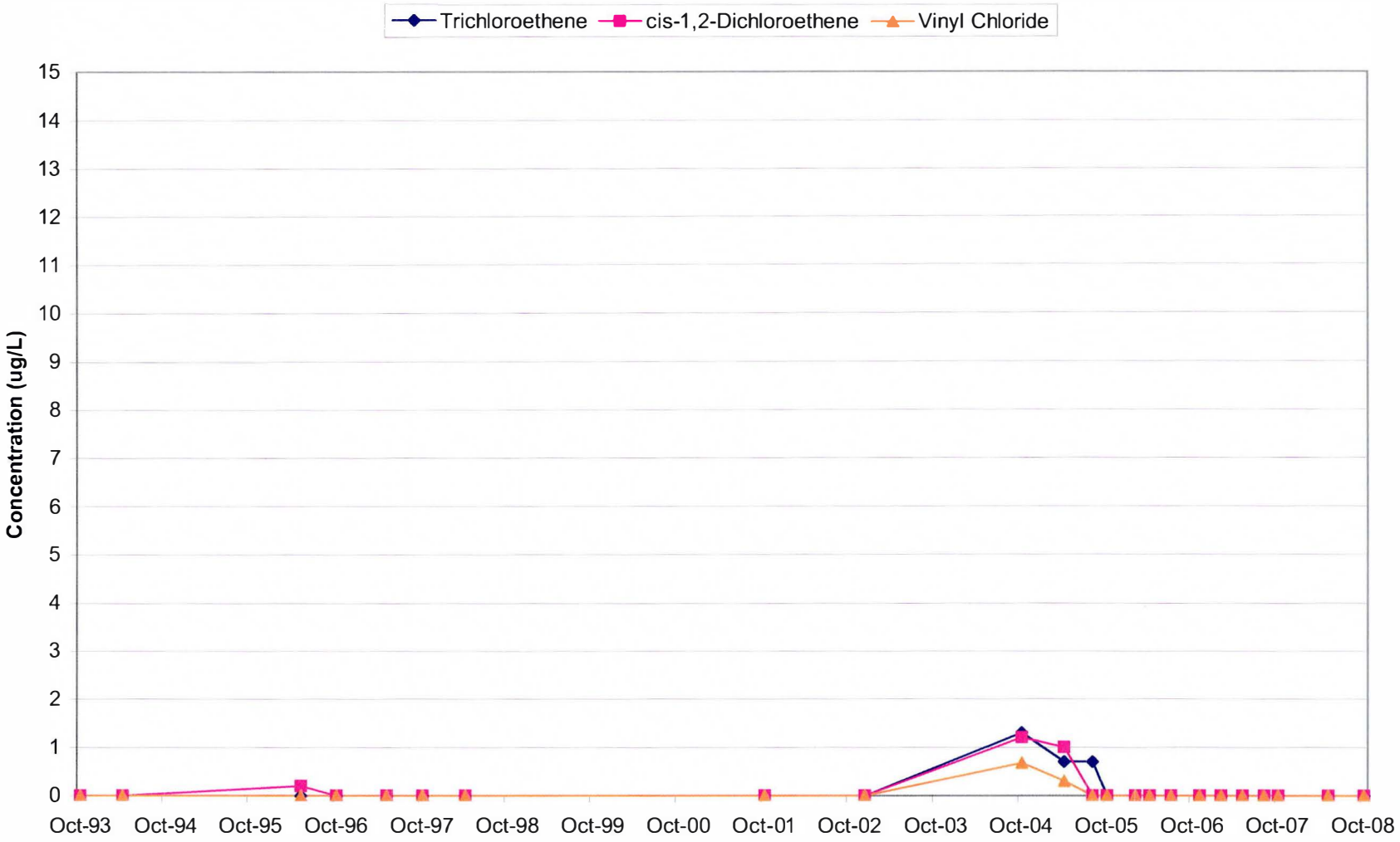

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Chart 34: MW-111
Layer 1 Well

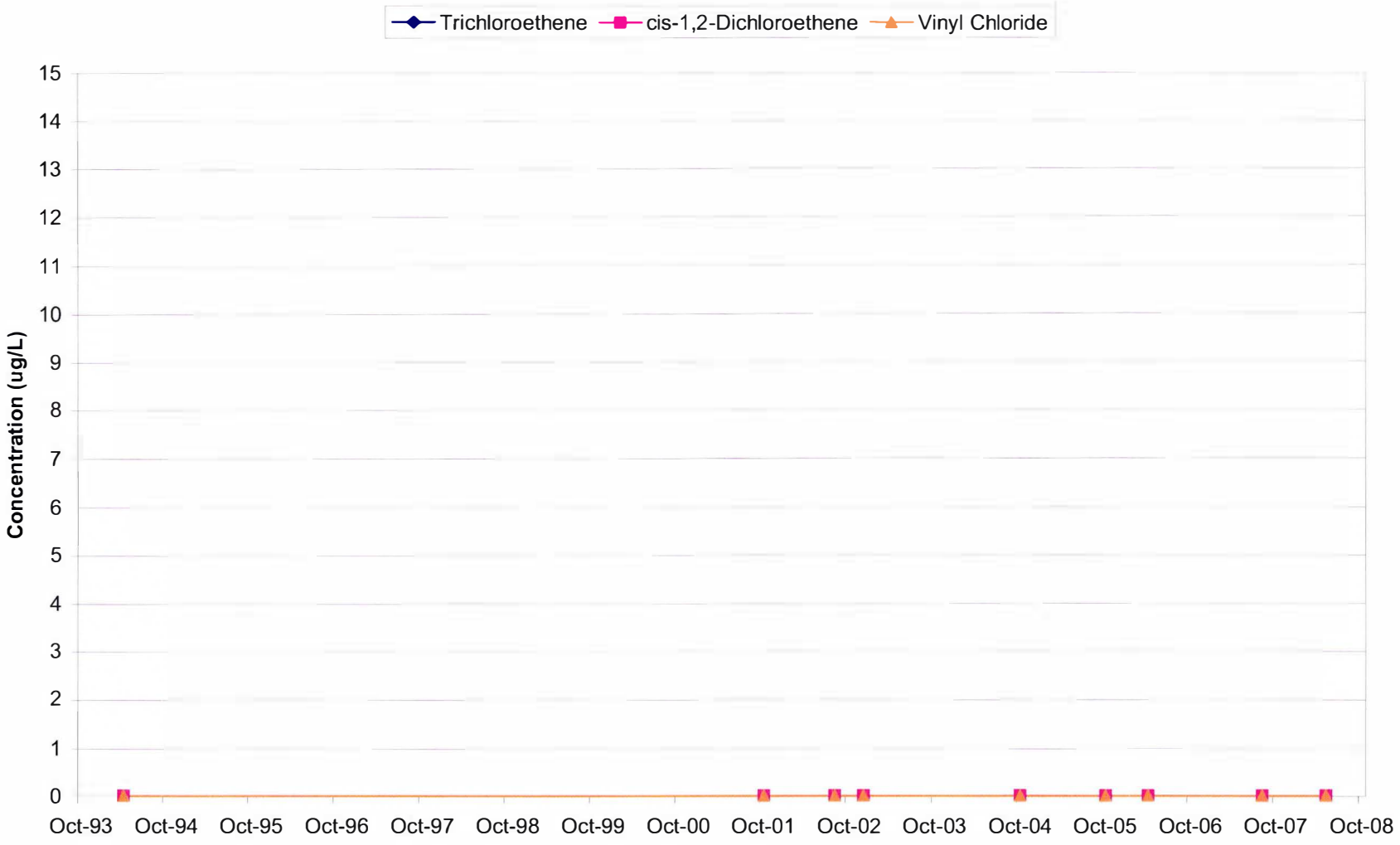

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Chart 35: MW-112
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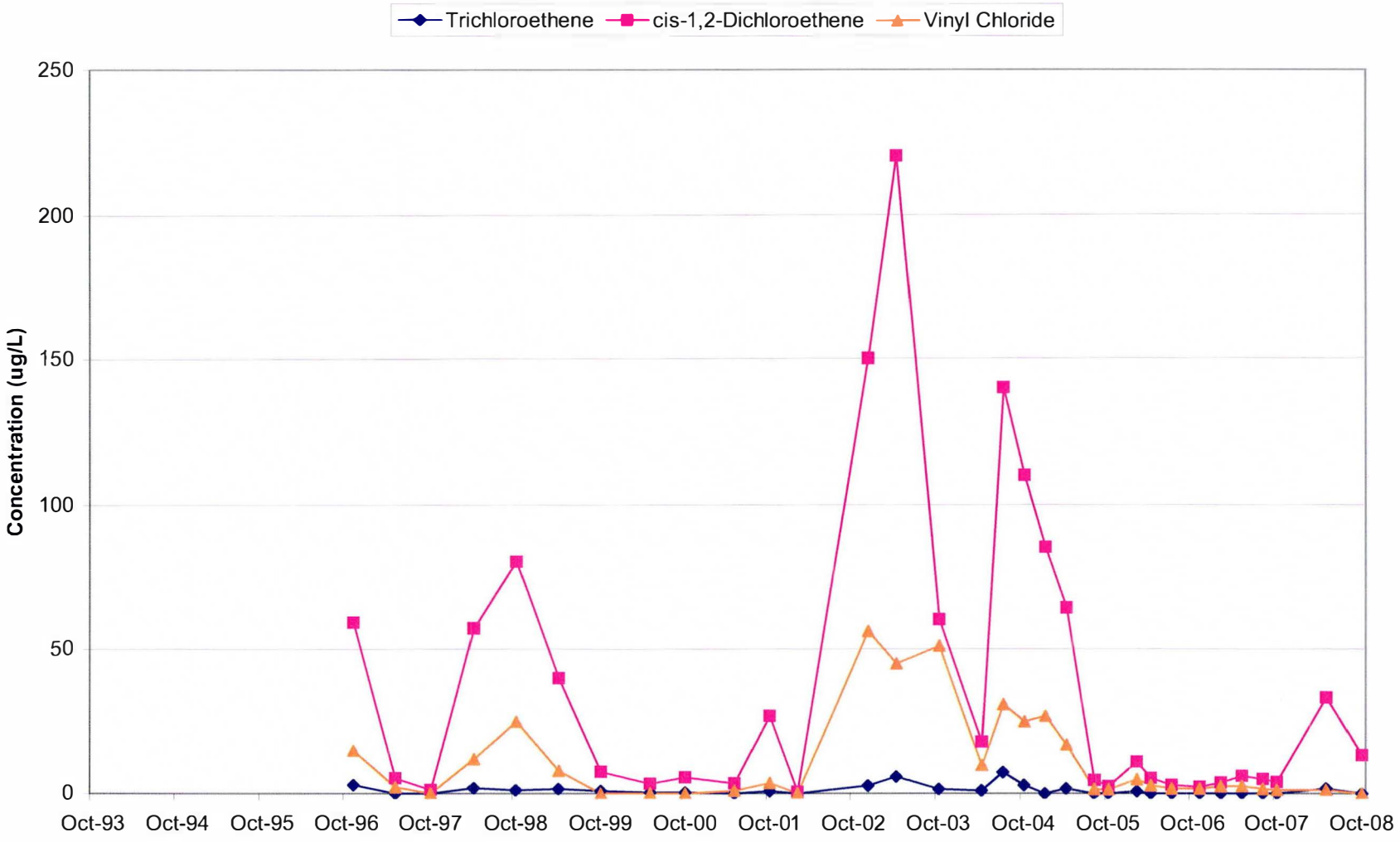

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Chart 36: P-101
Layer 2 Well

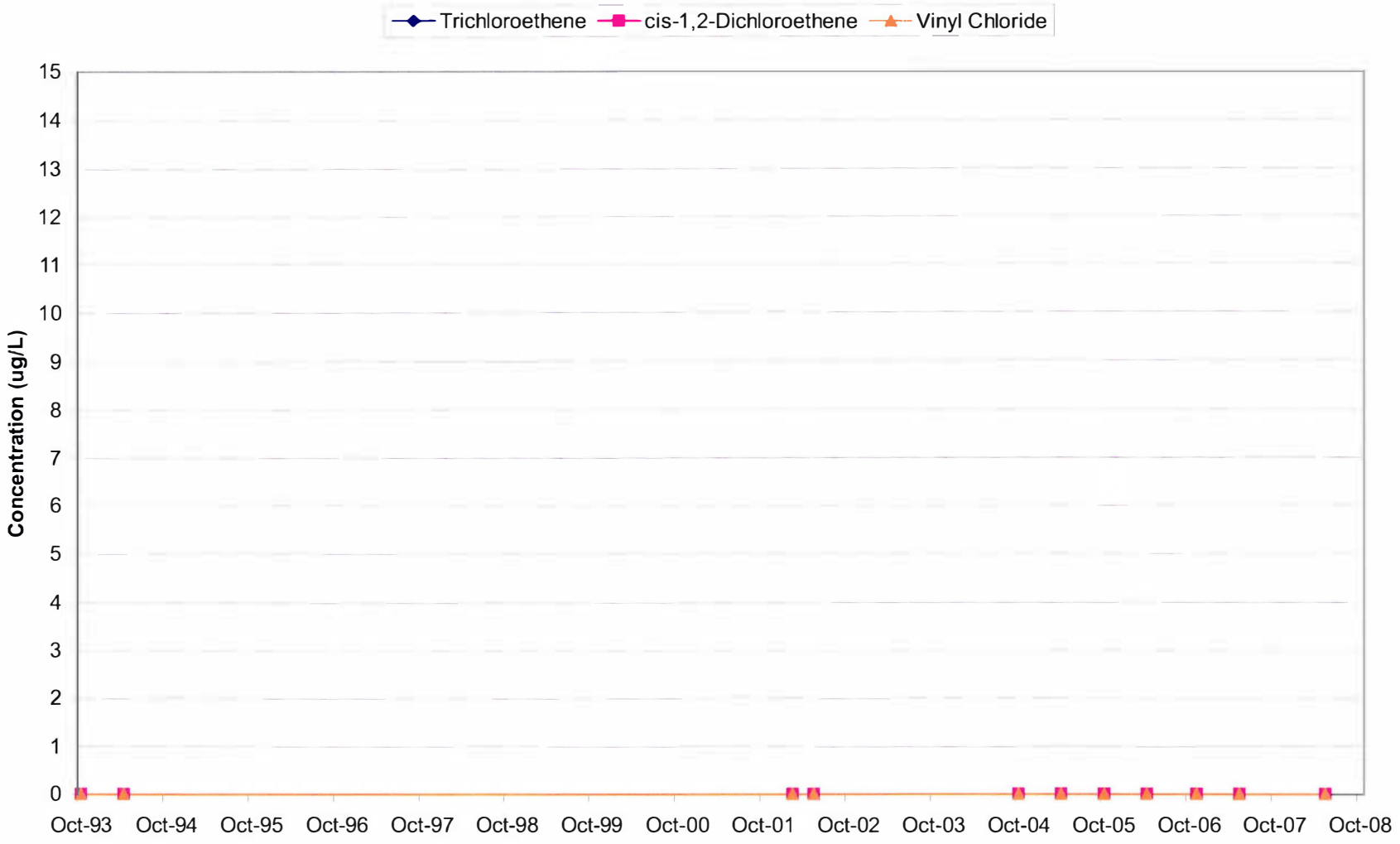

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Chart 37: P-102
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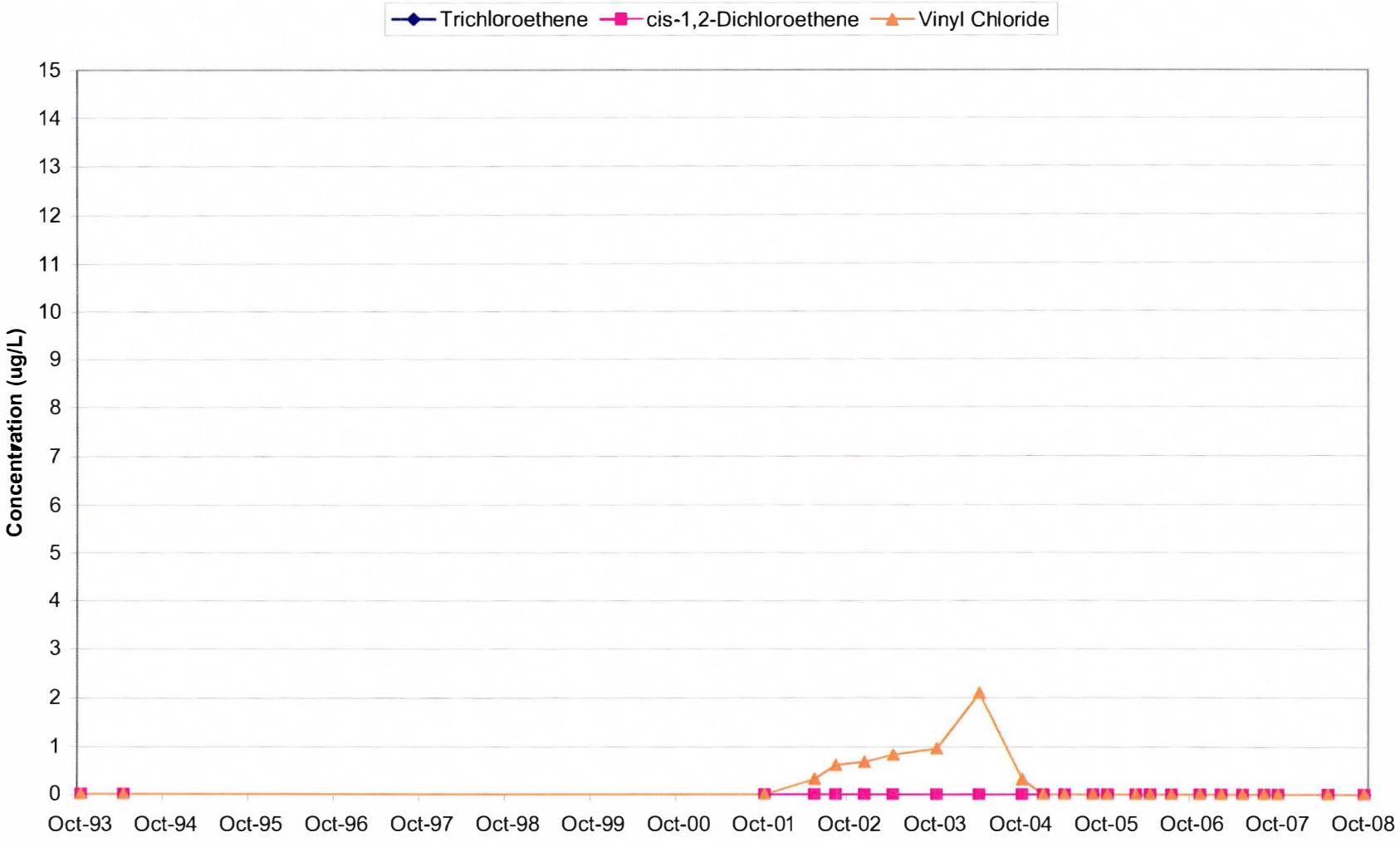

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Chart 38: P-103
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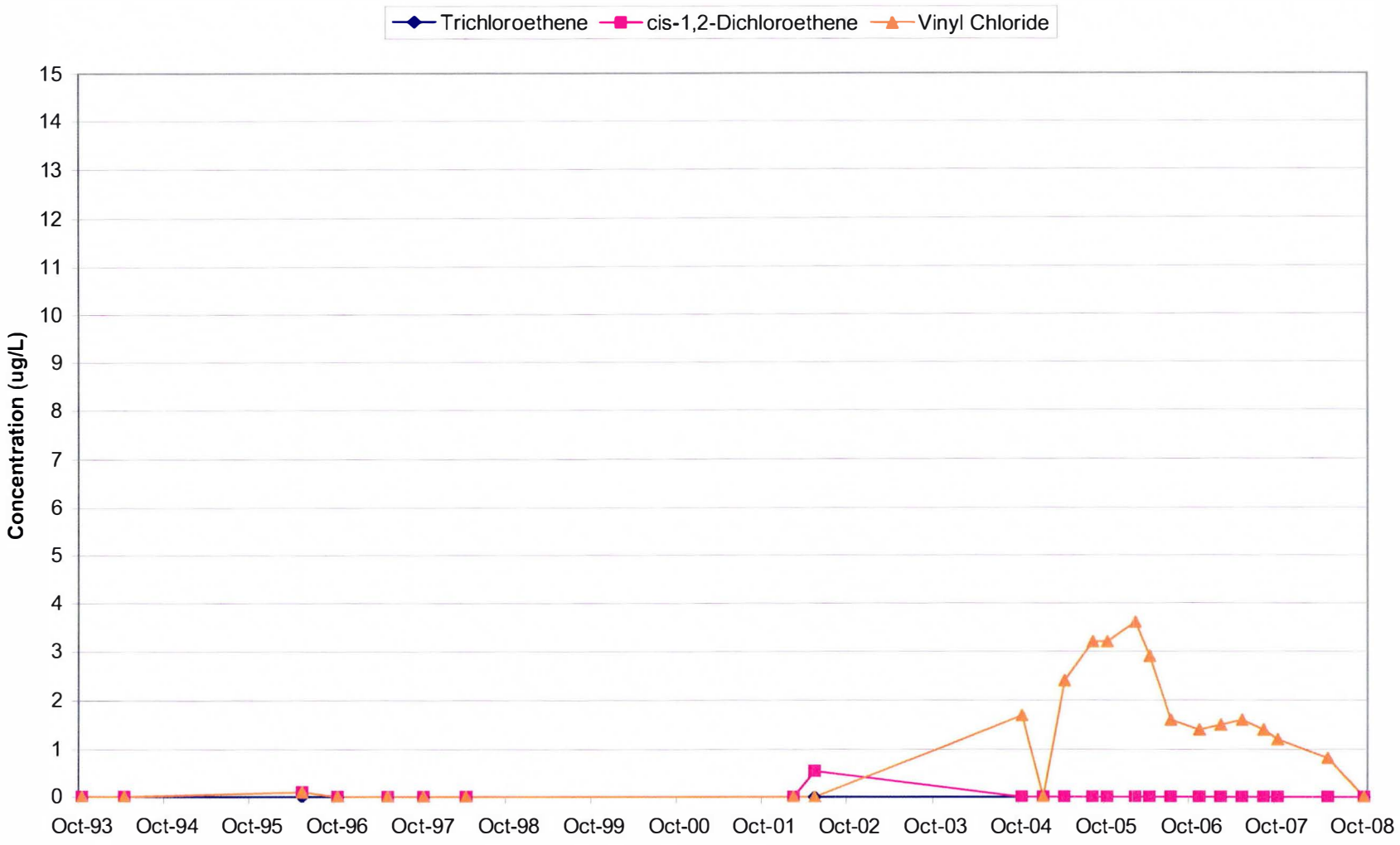

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Chart 39: P-104
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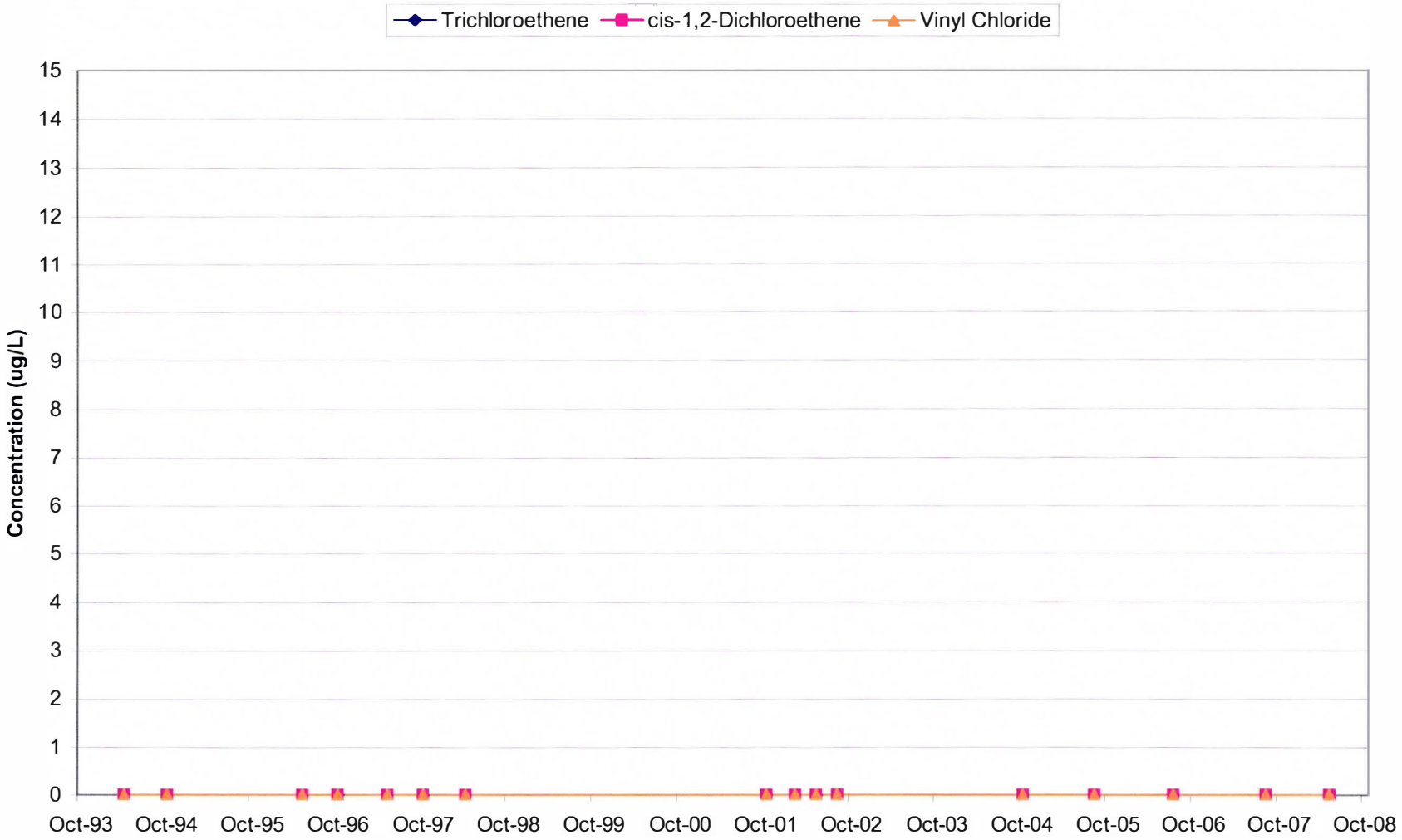

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Chart 40: P-106
Layer 2 Well

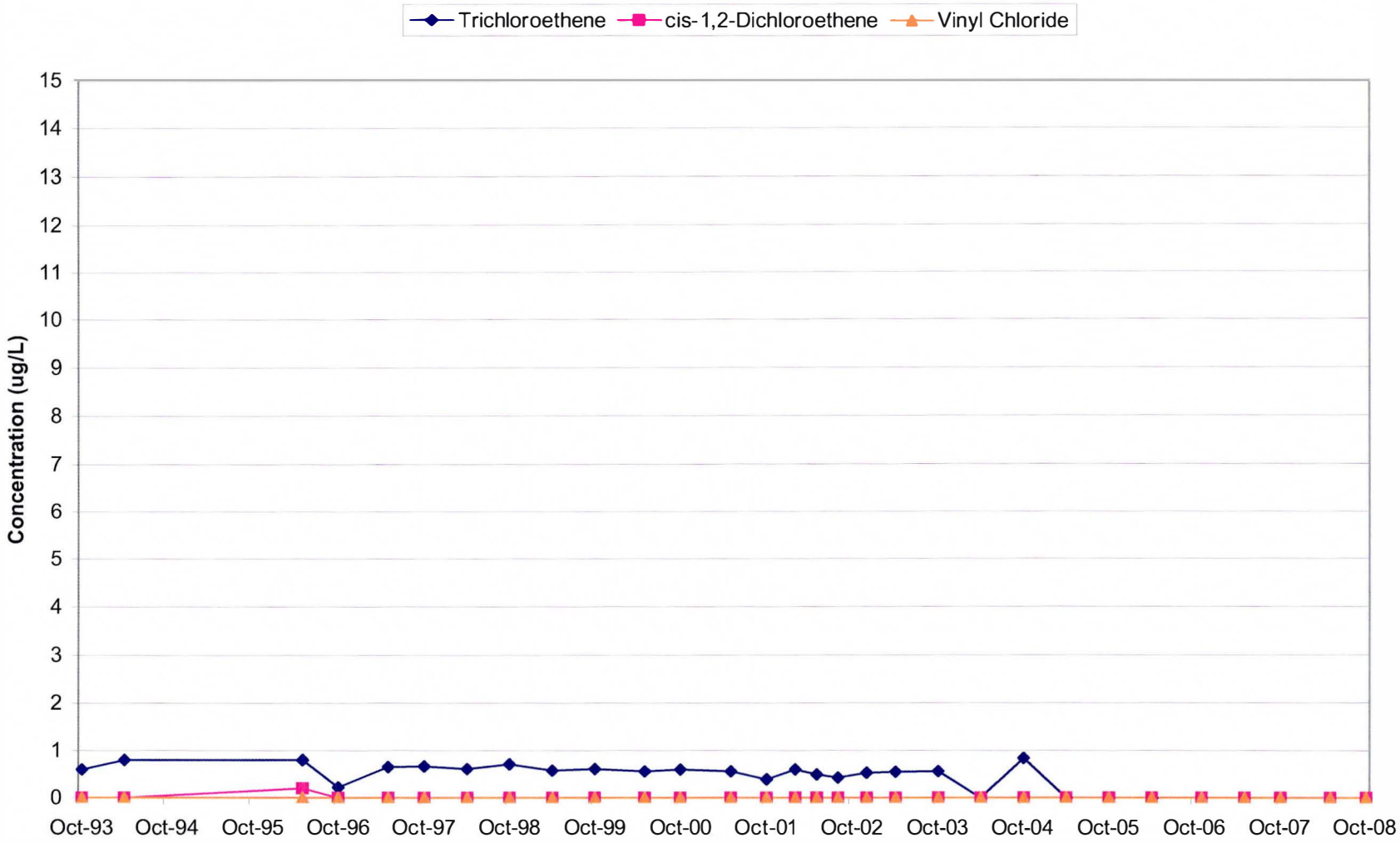

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Chart 41: P-107
Layer 2 Well

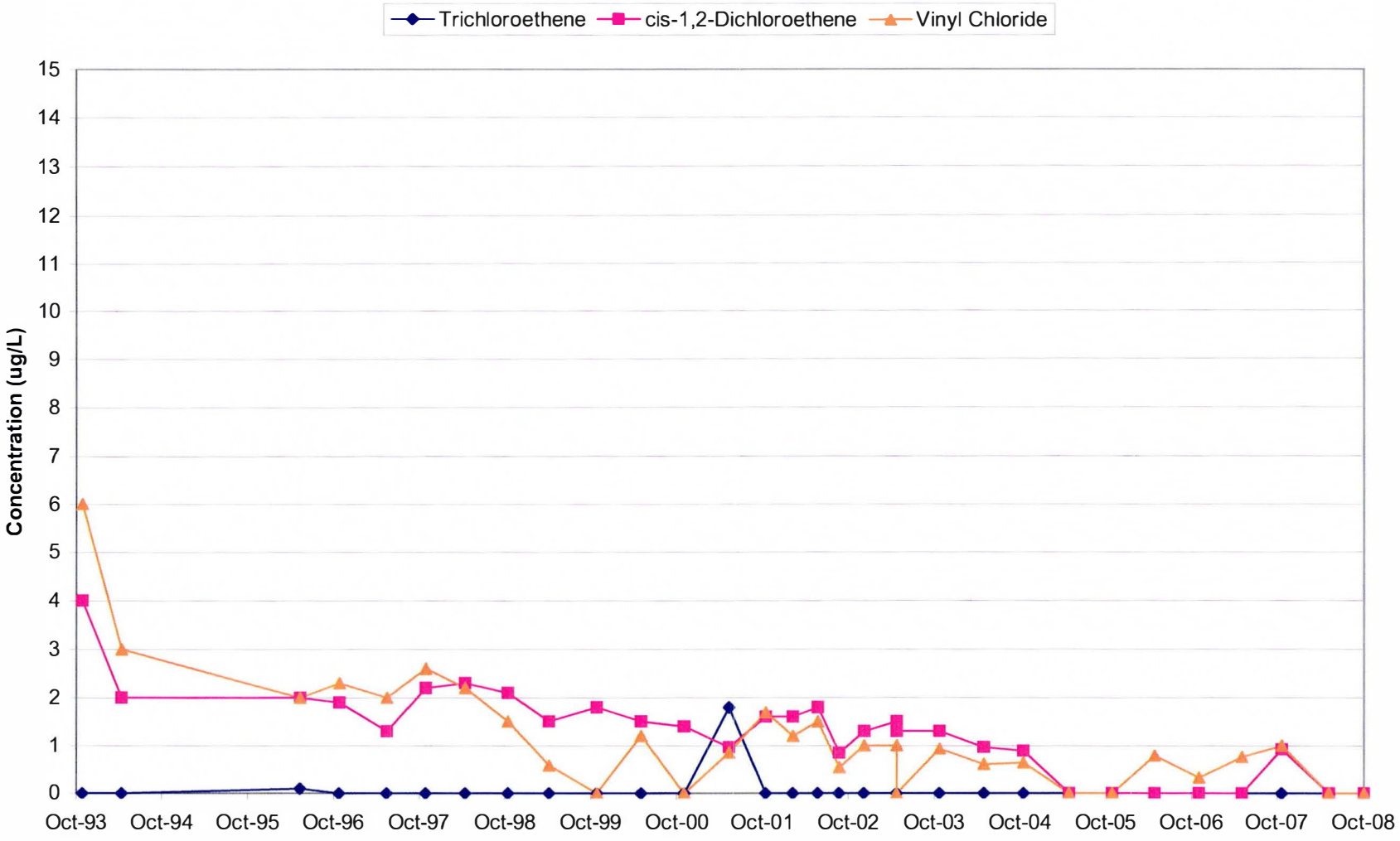

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Chart 42: P-108
Layer 2 Well

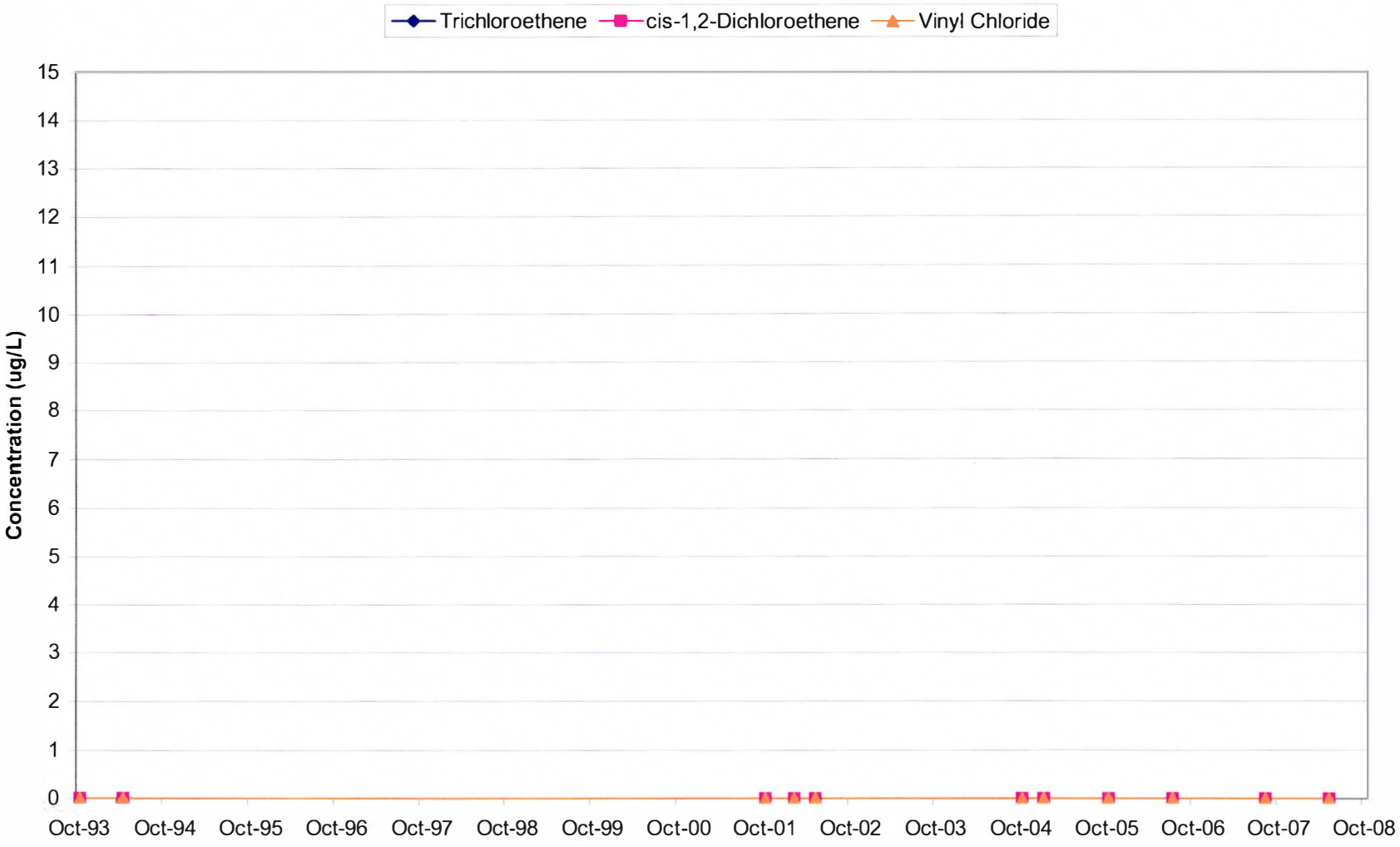

Chart 43: P-111
Layer 2 Well

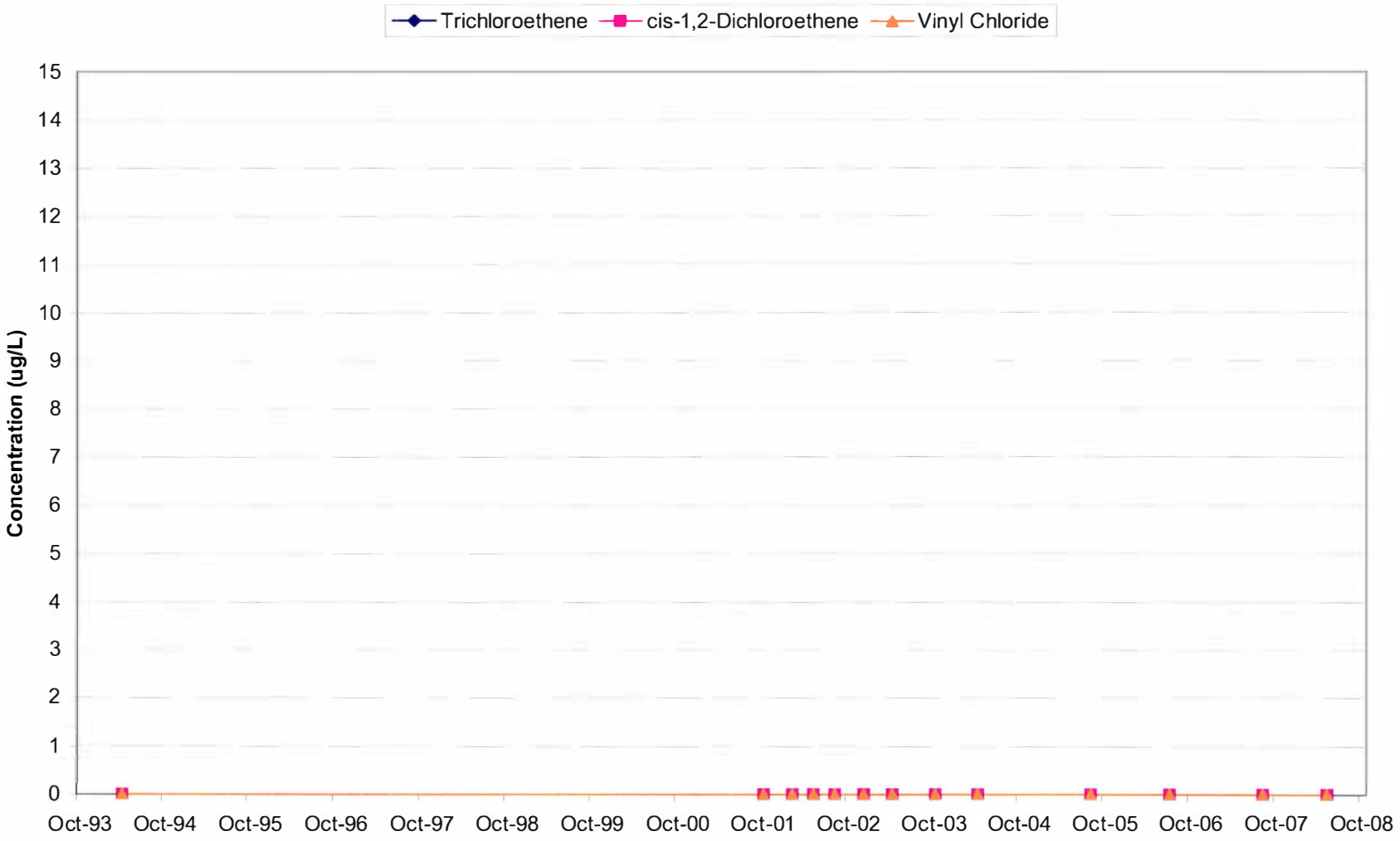

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Chart 44: P-103D
Layer 3 Well

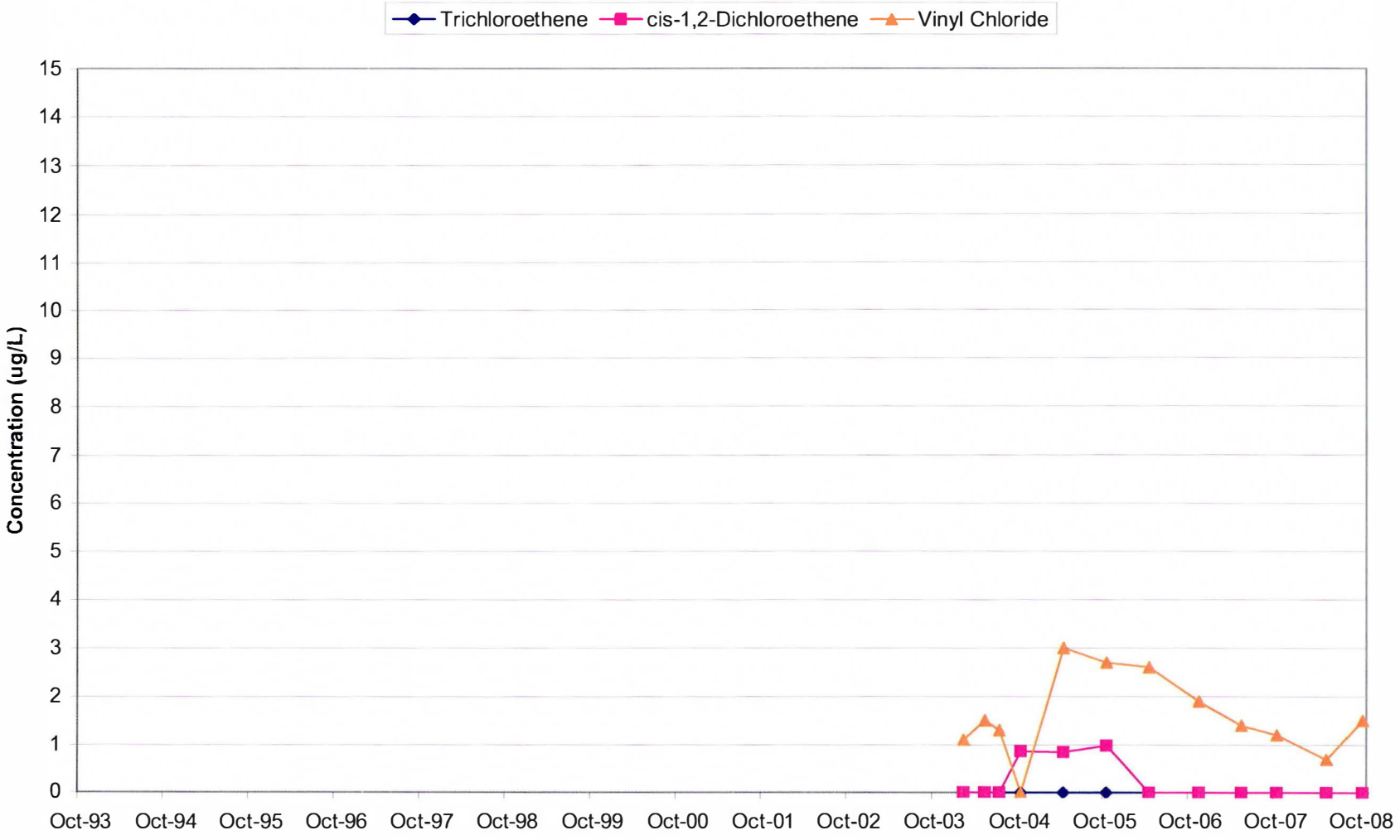

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Chart 45: P-111D
Layer 3 Well

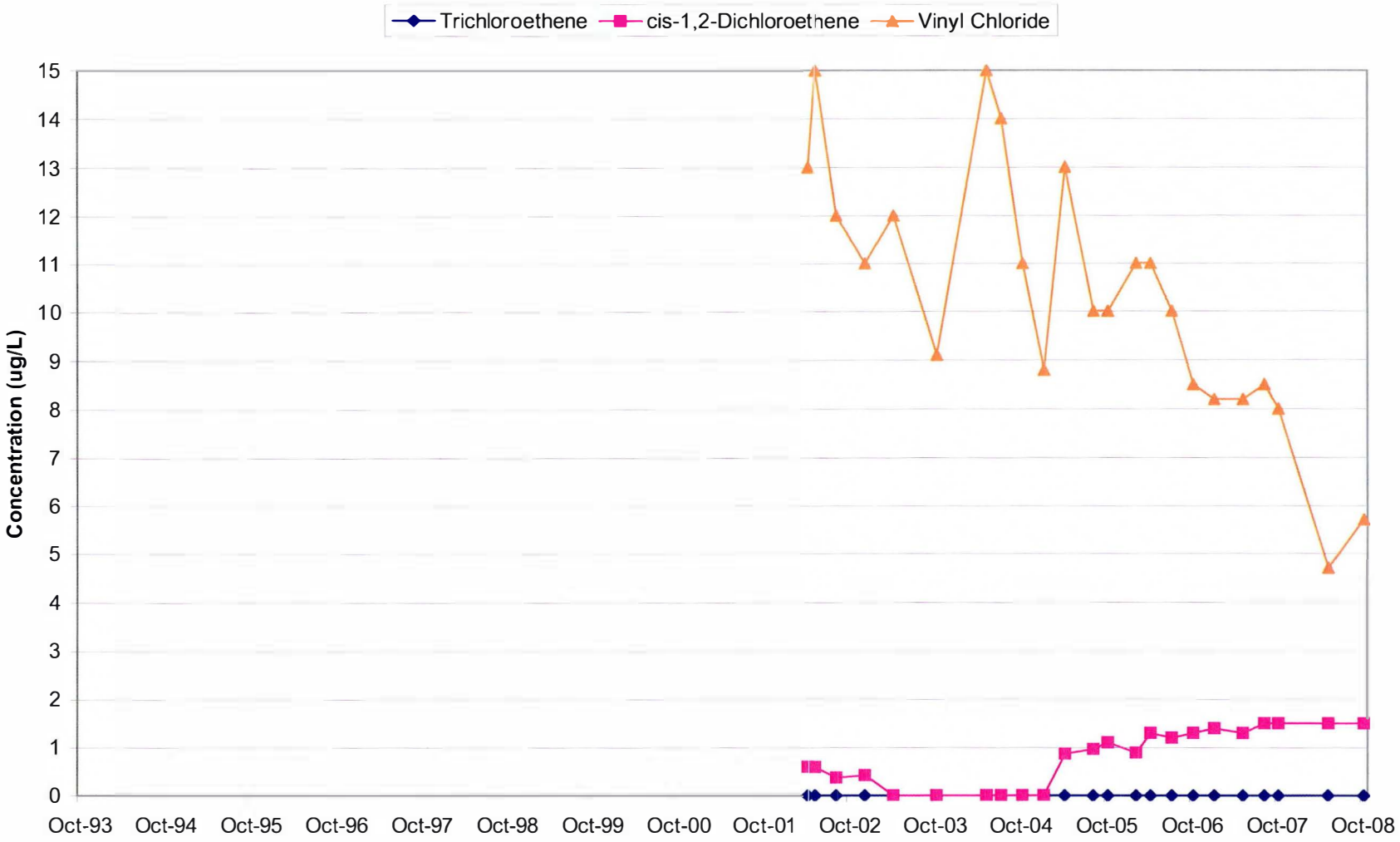

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Chart 46: MW-3B
Layer 3 Well

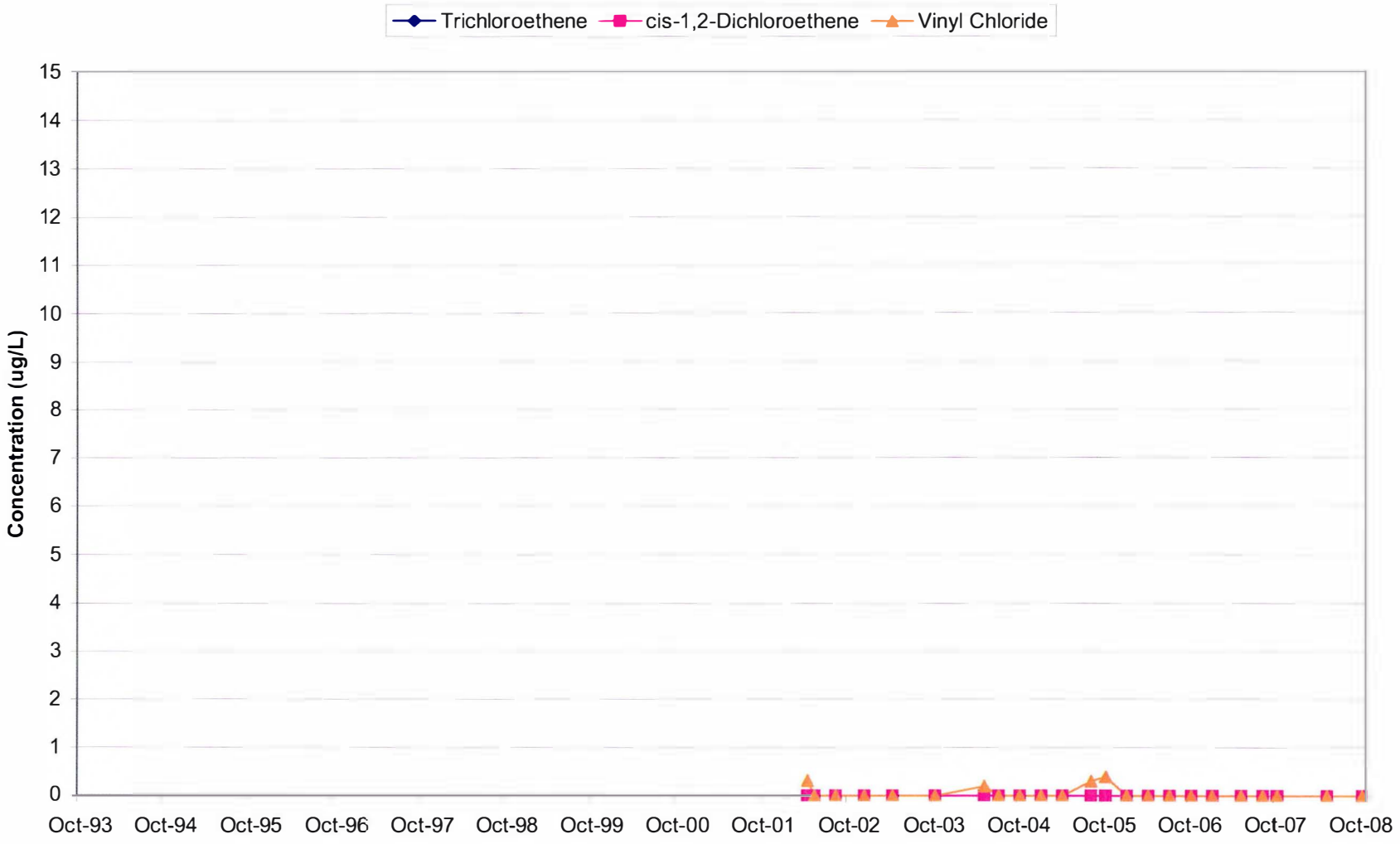

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Chart 47: P-113B
Layer 3 Well

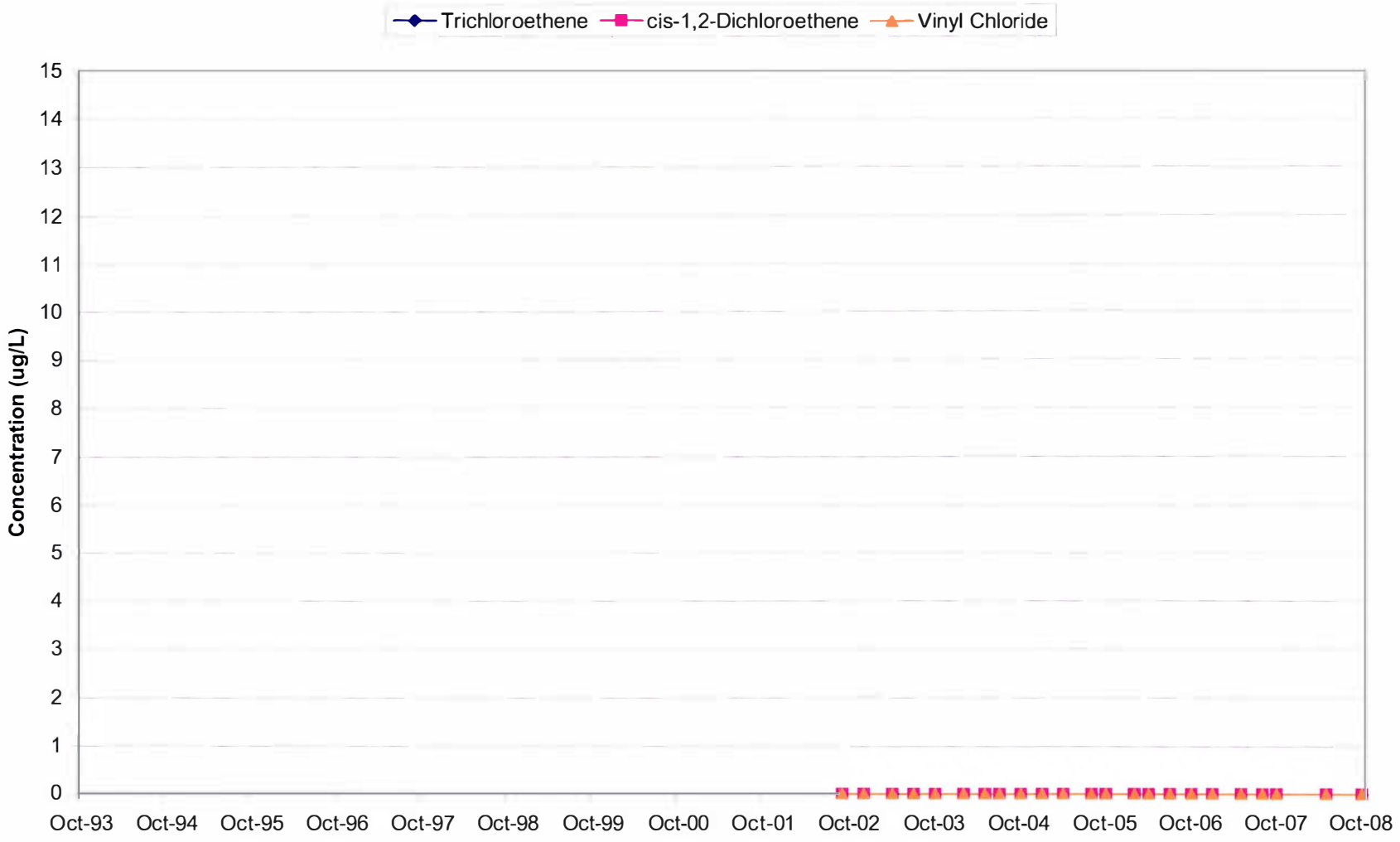

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Chart 48: P-114
Layer 3 Well

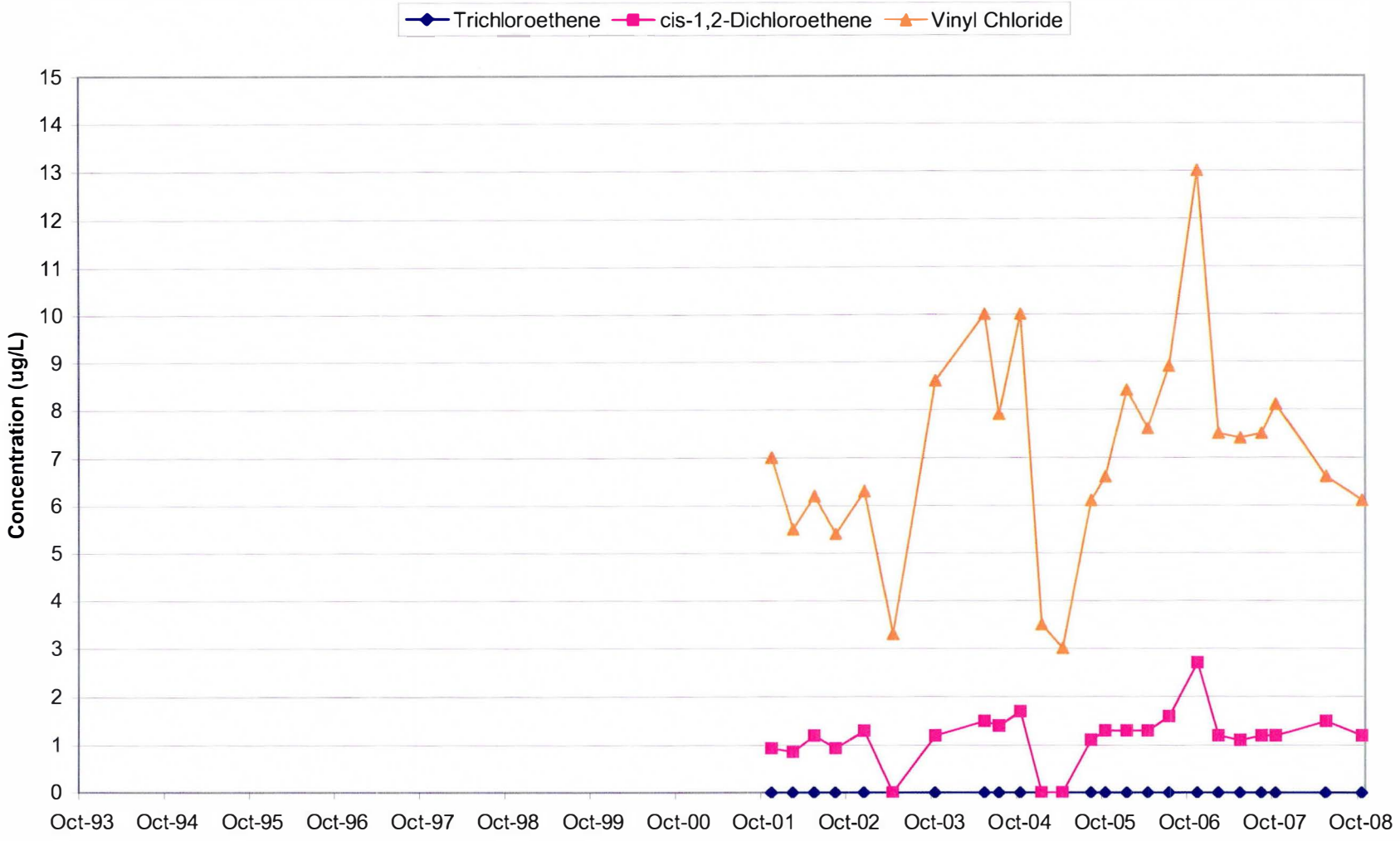

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Chart 49: P-115
Layer 3 Well

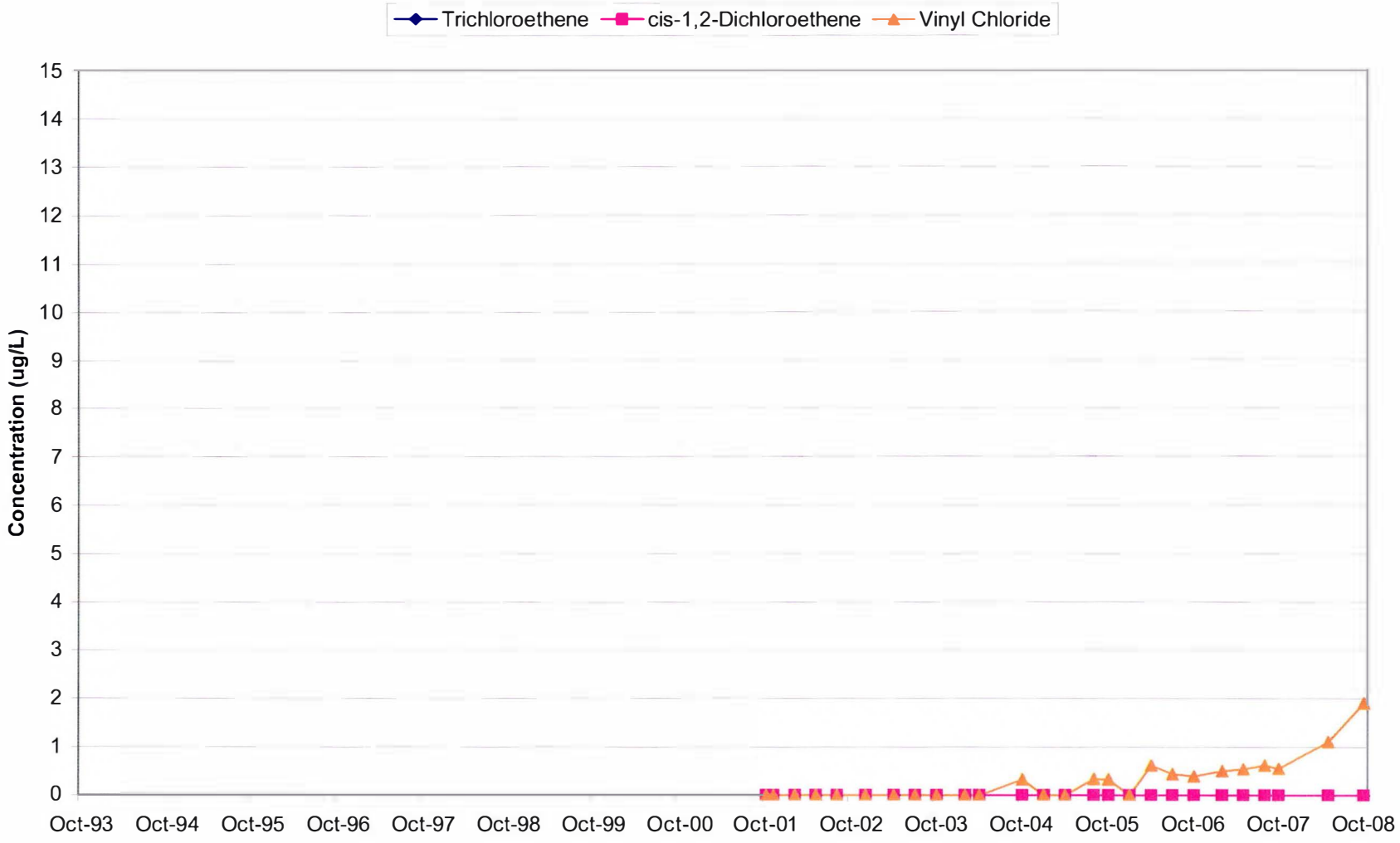

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Chart 50: P-116
Layer 3 Well

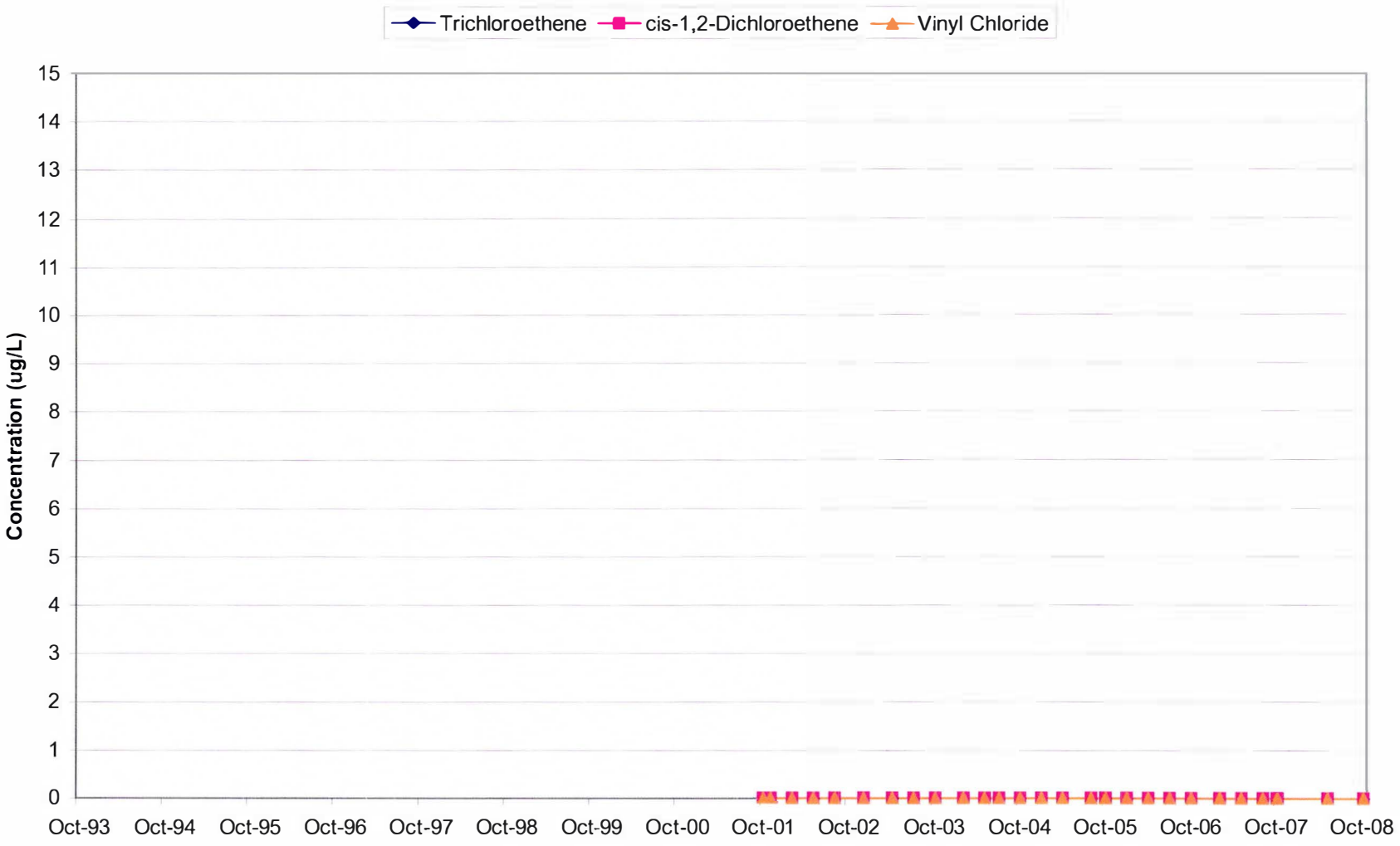

Chart 51: MW-3A
Layer 4 Well

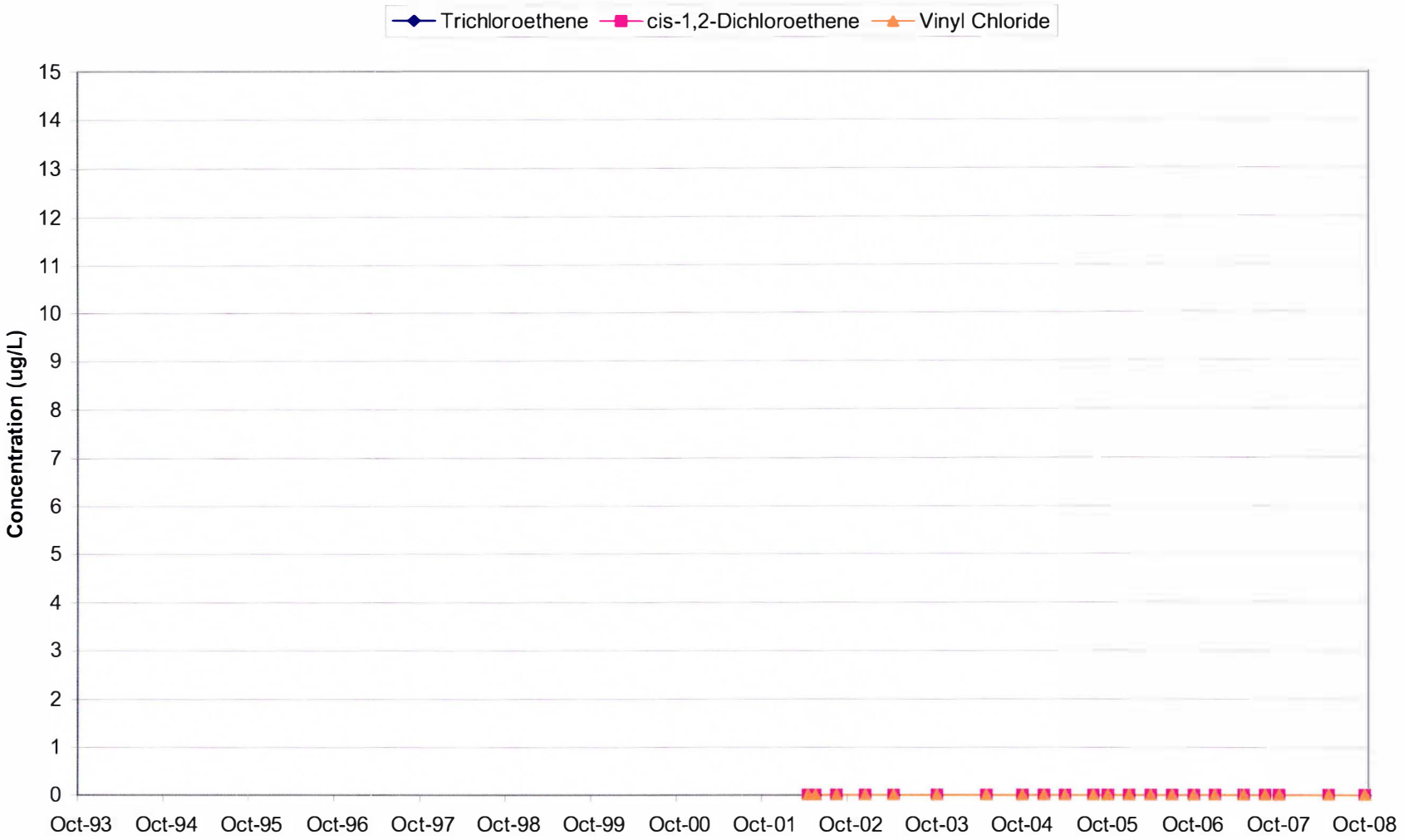

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Chart 52: P-107D
Layer 4 Well

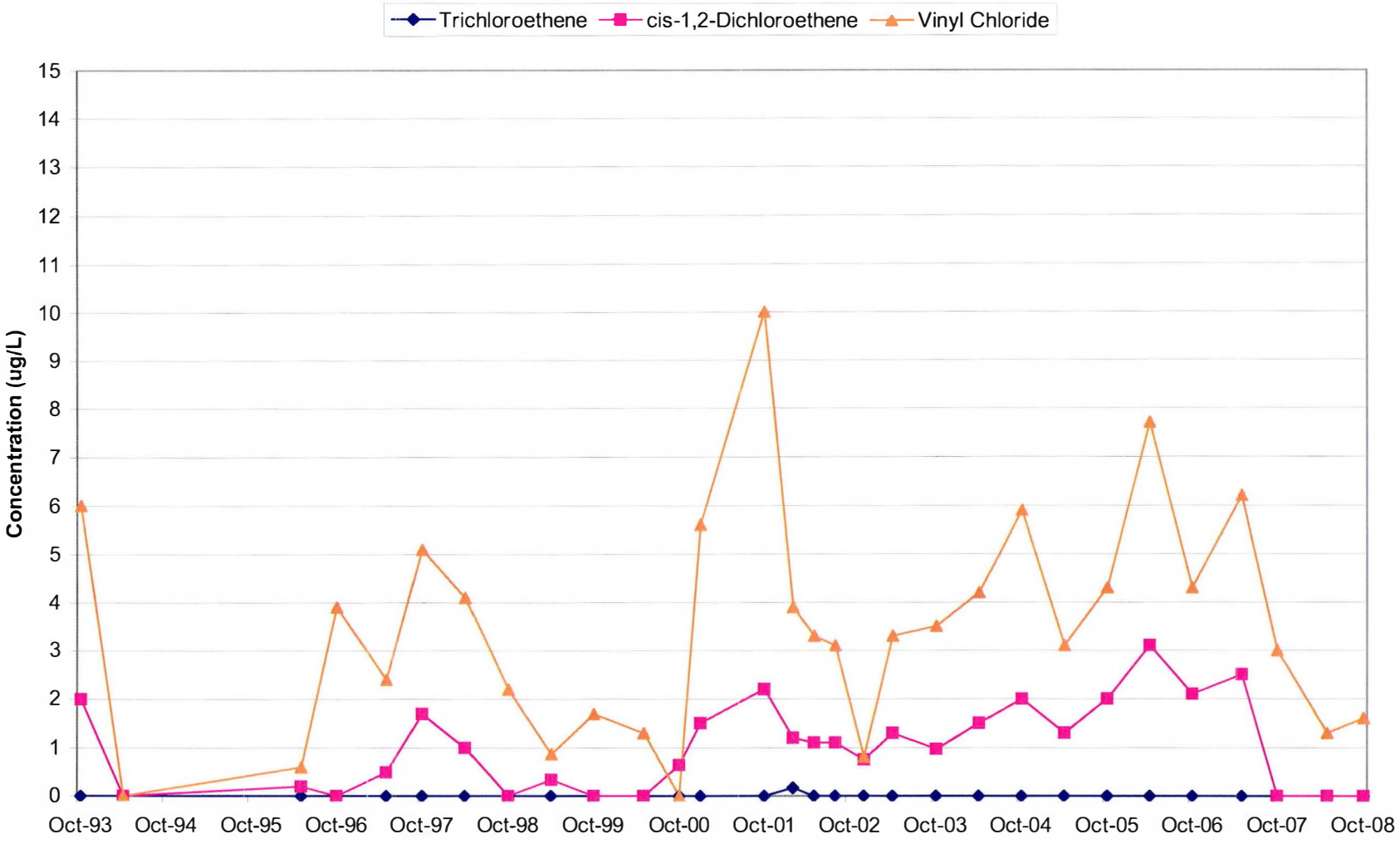

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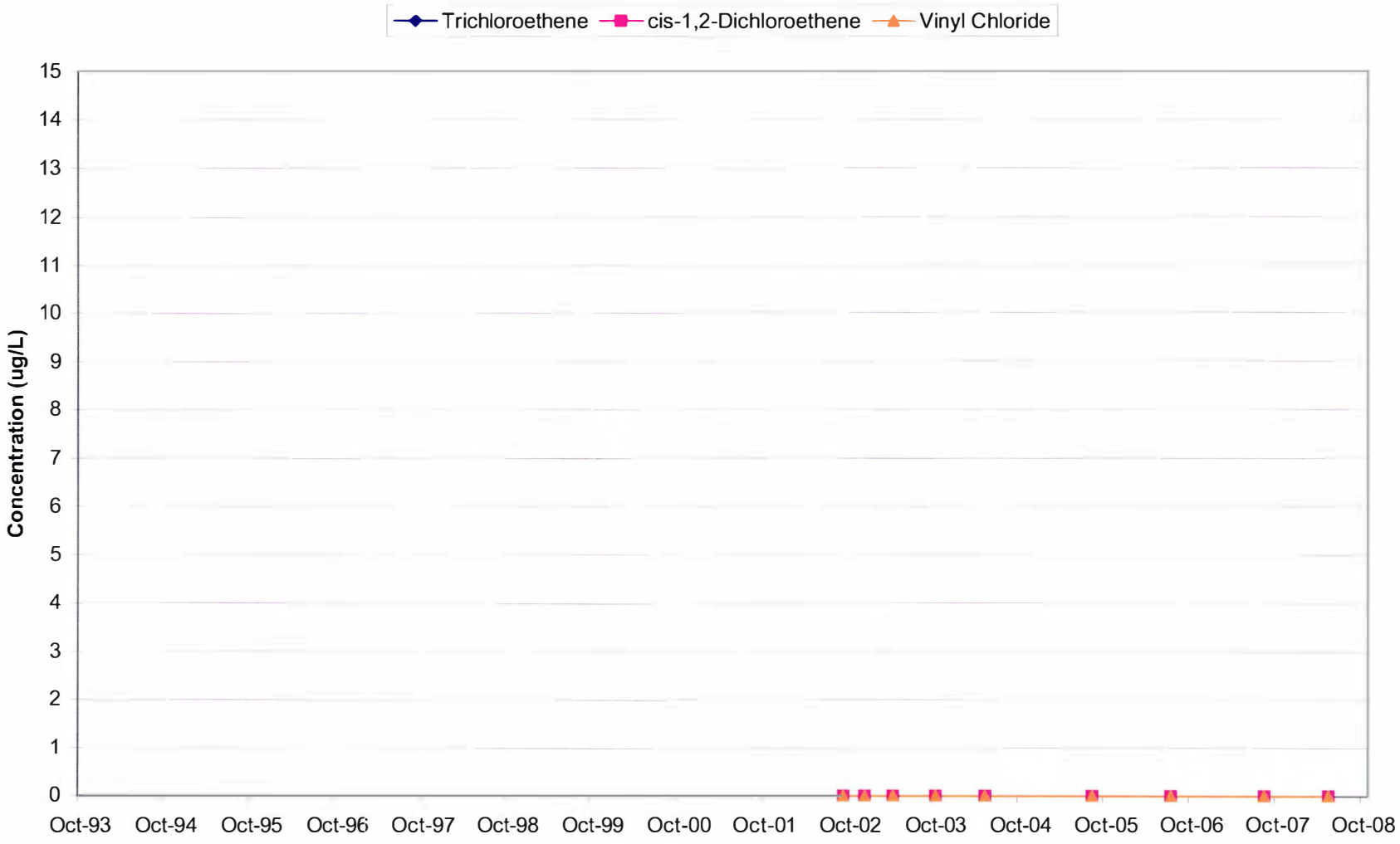
Chart 53: P-113A
Layer 4 Well



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TABLES

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

Well Name	TOC Elevation	Jun-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-113A	833.09	(Installed September 2002)									
P-113B	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-3A	850.77	(Water levels taken beginning February 2002)									
MW-3B	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	Feb-02	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-103D	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-107D	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-113A	833.09							816.09	816.39	816.93	816.20
P-113B	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-3A	850.77				817.24	810.74	815.18	816.11	815.99	816.63	815.67
MW-3B	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-113A	833.09	NM	817.91	818.17	817.32	817.28	818.35	815.50	814.36	816.40	816.04
P-113B	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-3A	850.77	NM	818.03	819.73	817.00	817.15	816.84	816.05	814.87	817.98	815.81
MW-3B	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-113A	833.09	816.39	816.54	815.81	817.29	817.78	818.13	819.42	819.91	822.4
P-113B	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-3A	850.77	816.29	817.51	816.34	817.49	817.68	819.68	820.7	821.15	823.53
MW-3B	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 1 - Groundwater Elevations
FF/NN Landfill
Ripon, WI

Well Name	TOC Elevation	Jul-08	Sep-08	Oct-08
MW-101	884.80	825.1	822.61	822.63
P-101	885.26	825.07	822.56	822.59
MW-102	843.05	825.36	822.77	822.83
P-102	842.99	825.34	822.74	822.81
MW-103	872.42	823.95	822.05	821.92
P-103	872.92	825.02	822.57	822.66
P-103D	873.08	824.425	822.145	822.265
MW-104	875.15	824.9	822.54	822.55
P-104	875.48	825.12	822.78	822.74
MW-106	878.90	824.98	822.7	822.75
P-106	878.91	825.25	822.63	822.64
MW-107	871.78	823.81	821.16	821.04
P-107	871.38	823.72	821.1	821.09
P-107D	871.98	823.25	820.9	820.87
MW-108	845.25	820.42	819.28	819.23
P-108	845.61	823.57	822.14	822.05
MW-111	856.46	821.08	819.77	819.75
P-111	856.13	820.72	819.35	819.23
P-111D	855.79	822.61	820.74	820.79
MW-112	874.55	822.76	821.08	820.99
P-113A	833.09	822.8	820.45	820.53
P-113B	833.10	821.79	820.09	820.1
P-114	839.35	821.45	819.79	819.83
P-115	842.71	821.635	819.965	819.975
P-116	845.34	820.385	816.805	818.705
MW-3A	850.77	823.87	821.57	821.62
MW-3B	851.04	823.53	821.48	821.5
LC1	876.15	NM	NM	NM
LC2	866.05	NM	NM	NM
LC3	877.34	NM	NM	NM

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-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																														
	5/1/2007																														
	8/8/2007																														
	10/19/2007																														
	5/6/2008																														
	10/1/2008																														
MW-3B	04/04/2002	NR			NA																				0.38					0.31	
	05/22/2002	NR			NA																			NA							
	8/20/2002	NR																						NA							
	12/5/2002	NR																													
	4/22/2003																														
	10/22/2003																														
	5/11/2004																													0.2 Q	
	07/22/2004																														
	10/14/2004																														
	1/27/2005																														
	4/26/2005																														
	8/2/2005																													0.30 Q	
	10/26/2005																													0.39 Q	
	01/31/2006																														
	4/24/2006																														
	7/27/2006									0.45 Q																					
	10/31/2006																														
	1/31/2007																														
	5/1/2007																														
	8/8/2007																														
	10/19/2007																														
	5/6/2008																														
	10/1/2008																														

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
	10/23/2003																															
	4/28/2004																															
	10/13/2004	11																														
	4/27/2005																															
	4/28/2006	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
	2/1/2007																															
	5/1/2007	2.4																														
	5/6/2008																															
P-101	10/01/1993	NR																														
	04/01/94	NR																							0.5J							
	020/5/02	NR			NA																			NA								
	05/22/2002	NR			NA																			NA								
	10/13/2004																															
	4/27/2005																															
	10/25/2005																															
	4/28/2006																															
	11/1/2006																															
	5/1/2007																															
	5/6/2008																															

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
	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
	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
	07/23/2004																														
	10/14/2004																														
	4/27/2005																														
	10/25/2005																														
	4/25/2006																														
	11/1/2006																														
	5/2/2007																														
	4/30/2008																														
	10/2/2008																														
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	
	10/14/2004									0.5 Q																				0.32	
	1/27/2005																														
	4/27/2005																														
	8/3/2005																														
	8/3/2005 dup																														
	10/25/2005																														
	2/1/2006																														
	4/27/2006																														
	4/27/2006 dup																														
	7/27/2006									0.66 Q																					
	11/1/2006																														
	2/15/2007																														
	5/2/2007																														
	8/14/2007																														
	10/16/2007	2.9 Q																													
	5/6/2008																														
	10/2/2008																														

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-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		0.30J	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	
	10/11/2001	NR	1.1		80		2.6	0.62			0.54					25	2.7				6.4L				0.8						15	
	2/4/2002	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
	10/21/2003		0.8				1.3									58	1.9										1.7				21	
	04/28/2004		0.61 Q		26		0.53									16											1.9				6.7	
	10/13/2004	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	
	4/25/2006	31			8.0 Q		0.62									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
	2/1/2007				6.1Q											10											0.82Q				0.34	
	5/2/2007						1.7									14											1.7				0.75	
	10/18/2007															26											2.8				2.2	
	5/5/2008															15.7											3.4					
	10/2/2008															12.3											3.8					

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
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																													
	2/4/2002	NR			NA																			NA							
	05/21/2002	NR			NA											[0.54]								NA							
	10/13/2004									0.52 Q																				1.7	
	1/26/2005																														
	1/26/2005 dup																														
	4/26/2005																													2.4	
	8/3/2005																													3.2	
	10/26/2005																													3.2	
	02/01/2006																													3.6	
	4/25/2006																													2.9	
	7/28/2006									0.49 Q																				1.6	
	11/1/2006																													1.4	
	2/1/2007																													1.5	
	5/2/2007																													1.6	
	8/14/2007																													1.4	
	10/18/2007																													1.2	
	5/5/2008																													0.74	
	5/5/2008 Dup																													0.81	
	10/2/2008																														
	10/2/2008 Dup																														
P-103D	02/4/2004				NA																0.55Q			NA						1.1	
	05/11/2004																													1.5	
	05/11/04 dup																													1.5	
	07/23/2004																													1.3	
	07/23/04 dup																													1.5	
	10/13/2004									0.43 Q						0.86 Q															
	04/26/2005															0.84Q														3.0	
	10/26/2005															0.98 Q														2.7	
	10/26/2005															0.95 Q														2.8	
	4/25/2006																													2.6	
	11/1/2006																													1.9	
	5/2/2007																													1.4	
	10/18/2007																													1.2	
	5/5/2008																													0.69	
	5/5/2008 Dup																													0.66	
	10/2/2008																													1.10	
	10/2/2008 Dup																													1.50	

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	10/27/1993	NR	2				2				2					1 JB									31							
	4/19/1994	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				0.3	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				0.1		2.2	
	02/5/2002	NR	2.7		NA	0.16	8				2	0.19				5.1				0.2				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	
	10/23/2003	3.2	4				7.8				1.8					3.3															8.6	
	04/28/2004		2.4				6				2.2 Q					6.4															8.7	
	10/13/2004		2.5				6.5				2.2 Q					10															20	
	4/27/2005		1.7				5.4				2.1 Q																				0.64	
	10/25/2005		1.4				6.9				2.5 Q					3.9															13	
	4/25/2006		1.4		4.6 Q		4.9				2.2 Q					1.0 Q															1.1	
	11/2/2006		1.2 Q				4.8				1.7 Q																					
	11/2/2006 dup		1.3 Q				5																									
	5/2/2007		0.8Q				4				2.0Q																					
	10/18/2007		0.75 Q				6				2.0 Q																					
	5/6/2008						3.3				1.8																					
	10/1/2008						3.7				1.9																					

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								0.20 J																						
	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								
	5/21/2002	NR			NA																			NA								
	08/20/2002	NR																						NA								
	10/13/2004									0.45 Q																						
	10/13/04 Dup																															
	8/3/2005																															
	8/3/05 Dup																															
	7/28/2006																															
	8/14/2007																															
	5/5/2008																															
MW-106	10/1/1993	NR																							11							
	04/01/1994	NR																														
	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
	2/15/2007																															
	8/14/2007																															
	4/30/2008																															

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	Dichlorodifluoroethane	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 J					
	04/01/1994	NR																									0.81 J					
	05/01/1996	NR														0.2 J											0.81 J					
	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					
	2/5/2002	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																															
	4/27/2004																															
	10/13/2004									0.9																	0.84 Q					
	4/27/2005																															
	10/25/2005																															
	4/28/2006																															
	11/1/2006																															
	5/1/2007																															
	10/22/2007																															
	4/30/2008																															
	10/1/2008																															

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	10/27/1993	NR																									2					
	4/12/1994	NR																									2					
	5/9/1996	NR																									2					
	10/21/1996	NR								0.80 J																	2.2					
	5/13/1997	NR										0.9															2.6					
	10/27/1997	NR										0.7															2					
	4/14/1998	NR																									2.1					
	10/13/98*	NR																									NA					
	4/6/1999	NR																									1.8					
	10/27/1999	NR																									1.1					
	5/2/2000	NR																									1.6					
	10/31/2000	NR																									1.2					
	5/31/2001	NR										0.47									0.57L						1.8					
	10/11/2001	NR																									0.87					
	2/4/2002	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
	4/21/2003																				0.52 Q						1.2					
	10/21/2003																										2.2					
	4/27/2004																										1.9					
	10/13/2004									0.63 Q																	0.65 Q					
	4/27/2005																										1.1					
	10/27/2005																										0.79 Q					
	4/25/2006																				0.49 Q						0.55 Q					
	10/31/2006																															
	5/1/2007																										0.86					
	10/17/2007																										0.53 Q					
	5/5/2008																															
	10/1/2008																															

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	Chloromethane	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	10/27/1993	NR														4															6	
	4/12/1994	NR														2									0.7J						3	
	4/12/94 Dup	NR														2									0.7J						3	
	5/9/1996	NR	0.1 J					0.2 J								2									0.1 J		0.1 J				2	
	10/23/1996	NR						0.19		0.79 J						1.9															2.3	
	10/23/96 Dup	NR						0.21		0.49 J						2.1															2.7	
	5/14/1997	NR														1.3															2	
	5/14/97 Dup	NR														1.1															1.7	
	10/27/1997	NR														2.2															2.6	
	10/27/97 DUP	NR														1.8															2.3	
	4/14/1998	NR														2.3															2.2	
	4/14/98 Dup	NR														2.3															2.4	
	10/14/1998	NR														2.1										0.2					1.5	
	10/14/98 DUP	NR														2.4															1.7	
	4/6/1999	NR														1.5															0.58	
	10/27/1999	NR														1.8																
	10/27/99 Dup	NR														1.8																
	5/2/2000	NR														1.5															1.2	
	5/02/00 Dup	NR														1.6															1.2	
	10/31/2000	NR														1.4																
	10/31/00 Dup	NR														1.4																
	5/9/2001	NR														0.96					0.52L			0.72			1.8				0.85	
	5/9/2001 Dup	NR														0.97					0.49L			0.79							0.86	
	10/11/2001	NR														1.6															1.7	
	10/11/01 Dup	NR														1.5															1.7	
	2/4/2002	NR			NA											1.6								NA							1.2	
	5/21/2002	NR			NA											1.8								NA							1.5	
	5/21/02 Dup	NR			NA											1.7								NA							1.4	
	8/20/2002	NR														0.84								NA							0.54Q	
	12/4/2002	NR														1.3															1	
	4/21/2003															1.5 Q															1	
	04/21/2003															1.3 Q																
	10/21/2003															1.3															0.93	
	4/27/2004															0.96 Q															0.61	
	10/13/2004															0.89 Q															0.64	
	10/13/04 Dup															1.1 Q																
	4/27/2005																															
	10/27/2005																															
	4/25/2006																														0.79	
	10/31/2006																														0.33Q	
	5/1/2007																														0.76	
	10/19/2007															0.92 Q															1	
	5/5/2008																															
	10/1/2008																															

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	10/27/1993	NR														2B														6	
	4/13/1994	NR																													
	5/9/1996	NR	0.1J							0.3J						0.2J									0.3J					0.6J	
	10/23/1996	NR								0.44 J																				3.9	
	5/14/1997	NR														0.49														2.4	
	10/27/1997	NR														1.7														5.1	
	4/14/1998	NR														1														4.1	
	10/14/1998	NR																												2.2	
	4/6/1999	NR														0.34														0.87	
	10/27/1999	NR																												1.7	
	5/2/2000	NR																												1.3	
	10/31/2000	NR														0.64															
	01/05/2001	NR		0.33												1.5					0.44L			0.72B						5.6	
	10/11/2001	NR														2.2														10	
	2/4/2002	NR			NA											1.2								NA			0.17			3.9	
	02/04/02 Dup	NR														1.2														3.9	
	5/21/2002	NR			NA											1.1								NA						3.3	
	8/20/2002	NR														1.1								NA						3.1	
	12/4/2002	NR														0.75														0.81	
	4/21/2003															1.3 Q														3.3	
	10/21/2003															0.97														3.5	
	4/27/2004															1.5 Q														4.2	
	10/13/2004							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	
	10/27/2005							1.2 Q								2.0 Q														4.3	
	4/25/2006							2.3 Q								3.1					0.68 L									7.7	
	10/31/2006							2.0 Q								2.1 Q														4.3	
	5/1/2007							1.6Q								2.5Q														6.2	
	5/1/2007 Dup							1.6Q								2.9														6.7	
	10/19/2007																													3	
	5/5/2008																													1.3	
	10/1/2008																													1.6	

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	Chloromethane	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	10/18/1993	NR																							11							
	4/13/1994	NR																							2							
	5/8/1996	NR														0.2 J									0.2 J							
	10/23/1996	NR								0.85 J																						
	5/12/1997	NR																														
	10/27/1997	NR																														
	4/14/1998	NR																														
	10/11/2001	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
	12/5/2002	NR																														
	10/14/2004															1.2 Q											1.3 Q				0.67	
	4/27/2005															1.0											0.7				0.3	
	8/3/2005																										0.70 Q					
	10/25/2005																															
	02/01/2006																															
	4/28/2006																															
	7/27/2006									0.36 Q																						
	11/2/2006																															
	2/1/2007																															
	5/2/2007																															
	8/14/2007																															
	10/16/2007																															
	5/6/2008																															
	10/2/2008																															

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-108	10/25/1993	NR																														
	10/25/93 Dup	NR																														
	4/13/1994	NR																														
	4/13/94 Dup	NR																														
	10/11/2001	NR																			0.32L											
	2/5/2002	NR			NA																			NA								
	5/21/2002	NR			NA																			NA								
	10/14/2004									0.45 Q																						
	1/28/2005																															
	10/25/2005																															
	7/27/2006									0.75 Q																						
	8/14/2007											2.7 Q																				
	5/6/2008																															
MW-111	4/19/1994	NR																														
	10/11/2001	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
	8/19/2002	NR																						NA								
	12/5/2002	NR																														
	10/13/2004																															
	10/26/2005																															
	4/24/2006																															
	8/8/2007																															
	5/5/2008																															

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	4/19/1994	NR																							2							
	10/11/2001	NR																														
	2/5/2002	NR			NA																			NA								
	5/22/2002	NR			NA																			NA								
	8/19/2002	NR																						NA								
	08/19/02 Dup	NR																						NA								
	12/5/2002	NR																														
	12/05/02 Dup	NR																														
	4/22/2003																															
	10/22/2003																															
	4/28/2004																															
	8/3/2005																															
	7/27/2006																															
	8/8/2007																															
	5/5/2008																															
P-111D	4/4/2002	NR														0.6									0.3						13	
	5/22/2002	NR			NA											0.59 Q								NA							15	
	8/19/2002	NR														0.37 Q								NA							12	
	12/5/2002	NR														0.42 Q															11	
	4/23/2003																														12	
	10/23/2003																														9.1	
	5/11/2004							1.4																							15	
	07/23/2004																														14	
	10/13/2004							1.9 Q																	1.6 Q						11	
	1/27/2005																														8.8	
	4/26/2005							3.7								0.87 Q															13	
	4/26/05 Dup							3.5																							13	
	8/3/2005									2.9 Q						0.96 Q															10	
	10/26/2005							3.1 Q								1.1 Q															10	
	10/26/2005							2.7 Q								0.93 Q															10	
	02/01/2006							4.2								0.89 Q															11	
	4/24/2006							2.8 Q								1.3 Q															11	
	7/27/2006									0.30 Q						1.2 Q															10	
	10/31/2006							1.4 Q								1.3 Q															8.5	
	1/31/2007							3.0Q								1.4Q															8.2	
	5/1/2007							3.1Q								1.3Q															8.2	
	8/8/2007							2.9 Q								1.5 Q															8.5	
	10/17/2007							2.7 Q								1.5 Q															8	
	5/5/2008															1.5															4.7	
	10/2/2008							1.8								1.5															5.7	

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	11/27/1996	NR	0.6J					2 J								59	1 J										3J				15	
	11/27/96 Dup	NR	0.7J					2 J								58	1 J										4J				16	
	5/12/1997	NR	0.59				0.27									5.4															2.2	
	10/26/1997	NR	0.5				0.29									1.3																
	4/13/1998	NR	0.69					1.4								57	1.3										1.9				12	
	10/13/1998	NR	0.76													80											1.2				25	
	4/6/1999	NR	0.72					1.4								40	0.56										1.7				7.9	
	10/27/1999	NR														7.6											1					
	5/2/2000	NR	0.46													3.4											0.39					
	10/30/2000	NR					0.37									5.6											0.37					
	5/9/2001	NR	0.42				0.42									3.5															0.98	
	10/11/2001	NR	0.36				0.39	0.53								27											0.83				3.7	
	2/4/2002	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
	12/4/2002															150											2.7 Q				56	
	4/22/2003		1.2 Q					7.4 &								220	4.5 Q										5.9				45	
	10/22/2003	2.5	0.88					5.9								60	1.4										1.6				51	
	4/28/2004		0.53 Q				0.45	4								18											1.1 Q				9.9	
	4/28/04 dup	6.5	0.61 Q				0.48	4.7								22											1.1 Q				9.3	
	07/23/2004	110	1.1					23								140	2.6	0.58					1				7.4				31	
	10/13/2004		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				2.9				29	
	1/26/2005		0.76 Q					20								85	2.3 Q														27	
	4/26/2005		0.6 Q					13								64	1.2 Q										1.8				17	
	8/3/2005						0.48									4.6															1.5	
	10/25/2005															2.5 Q															1.4	
	02/01/2006		0.41 Q				0.45	3.2 Q								11											0.76 Q				4.9	
	4/25/2006						0.48	0.97								5.4															2.8	
	7/27/2006						0.43			0.24 Q						2.9															1.7	
	7/27/2006 dup									0.52 Q																					1.5	
	11/2/2006															2.3 Q															1.7	
	2/1/2007						0.46Q	1.4Q								3.8															2.5	
	5/2/2007						0.53Q	1.3Q								6.1															2.6	
	8/14/2007						0.51 Q									4.4															1.8	
	8/14/2007 dup						0.51 Q									4.9															1.6	
	10/18/2007						0.49 Q									4															1.2	
	5/5/2008															33.3											1.8				1.3	
	10/2/2008															13.3																

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	9/12/2002	NR							0.37Q																1.0Q							
	12/3/2002	NR																														
	4/23/2003																								2.2							
	10/22/2003																															
	5/11/2004																															
	8/2/2005																															
	7/27/2006									0.84																						
	8/8/2007																															
	5/6/2008																															
P-113B	09/11/2002 [3]	NR							1										0.41Q						6.6							2.6
	12/3/2002	NR																														
	4/23/2003																															
	7/30/2003																															
	10/22/2003																															
	2/4/2004																															
	5/11/2004																															
	07/22/2004																															
	10/14/2004									0.49 Q																						
	1/27/2005																															
	4/27/2005																															
	8/2/2005																															
	10/26/2005									0.42 Q																						
	02/01/2006																															
	4/24/2006																															
	7/27/2006									0.49 Q																						
	10/31/2006																															
	1/31/2007																															
	5/1/2007																															
	8/8/2007																															
	10/19/2007																															
	5/6/2008																															
	10/1/2008																															

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)	11/19/2001	NR														0.93															7	
	2/5/2002	NR														0.85															5.5	
	5/22/2002	NR														1.2															6.2	
	8/21/2002	NR														0.93															5.4	
	12/3/2002	NR														1.3									0.40Q						6.3	
	4/23/2003																														3.3	
	10/23/2003															1.2															8.6	
	10/23/03 Dup															1.4															9.2	
	5/11/2004															1.5 Q															10	
	07/22/2004															1.4 Q															7.9	
	10/13/2004									0.39 Q						1.7 Q															10	
	1/27/2005																														3.5	
	4/26/2005																														3.0	
	8/2/2005															1.1 Q															6.1	
	10/26/2005									0.84						1.3 Q															6.6	
	10/26/2005									0.49						1.4 Q															6.9	
	01/31/2006															1.3 Q															8.4	
	4/24/2006															1.3 Q															7.6	
	4/24/2006 dup															1.3 Q															7.9	
	7/27/2006									0.48 Q						1.6 Q															8.9	
	7/27/2006 dup									0.38 Q						1.6 Q															8.7	
	11/2/2006															2.7 Q															13	
	11/02/2006 dup															2.7 Q															13	
	2/1/2007															1.2Q					0.46Q										7.5	
	2/1/2007 dup															1.4Q															8.5	
	5/1/2007															1.1Q															7.4	
	5/1/2007 dup															1.2Q															7.8	
	8/8/2007															1.1 Q															6.7	
	8/8/2007 dup															1.2 Q															7.5	
	10/22/2007															0.95 Q															7.8	
	10/22/2007 Dup															1.2 Q															8.1	
	5/6/2008															1.5															6.6	
	10/2/2008															1.2															6.1	

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-115 (former Wiese well)	10/9/2001	NR																													
	10/09/01 Dup	NR																													
	11/19/2001	NR																													
	2/5/2002	NR																													
	5/22/2002	NR																													
	8/19/2002	NR								0.20Q																					
	12/3/2002	NR																													
	4/22/2003																														
	7/30/2003																														
	10/22/2003																														
	2/4/2004																														
	4/27/2004																														
	10/14/2004																													0.33 O	
	1/27/2005																														
	4/26/2005																														
	8/2/2005																													0.34 Q	
	10/26/2005									0.24 Q																				0.33 O	
	01/31/2006																														
	4/24/2006																													0.62	
	7/27/2006																													0.44 Q	
	10/31/2006																													0.39O	
	2/1/2007																													0.50Q	
	5/1/2007																													0.54Q	
	8/14/2007																													0.62	
	10/22/2007																													0.49 Q	
	10/22/2007 Dup																													0.55 Q	
	5/6/2008																													1.1	
	10/2/2008																													1.9	

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 [2] (former Hadel well)	10/9/2001	NR																														
	11/19/2001 [4]	NR																														
	2/5/2002	NR																														
	5/22/2002	NR																														
	8/19/2002	NR																														
	08/19/02 Dup	NR																														
	12/3/2002	NR																														
	12/03/02 Dup	NR																														
	4/22/2003																															
	7/30/2003																															
	10/22/2003																															
	2/4/2004																															
	5/11/2004																															
	07/22/2004																															
	10/14/2004																															
	1/27/2005																															
	4/26/2005																															
	8/2/2005																															
	10/26/2005																															
	01/31/2006																															
	01/31/06 Dup																															
	4/24/2006																															
	7/27/2006									0.35 Q																						
	10/31/2006																															
	2/1/2007																															
	5/1/2007																															
	8/8/2007																															
	10/22/2007																															
	5/6/2008																															
	10/2/2008																															

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	5/9/2001	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
	2/5/2002	NA	NA	ND	ND	ND	ND	ND	280	3.2	ND	280
	5/22/2002	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
	8/19/2002	ND	ND	ND	ND	ND	ND	ND	300	[3.0]	ND	290
	12/3/2002	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/22/2003	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/2003	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
	10/12/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/28/2005	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
	8/2/2005	ND	ND	ND	ND	0.071 QB	ND	ND	NA	NA	NA	NA
	10/26/2005	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
	4/28/2006	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
	5/1/2007	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/2007	ND	ND	0.75 Q	ND	ND	ND	ND	NA	NA	NA	NA
	1/25/2008	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
	7/22/2008	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/3/2008	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Gaastra	5/9/2001	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
	2/5/2002	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	280
	5/22/2002	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	270
	8/19/2002	ND	ND	0.24Q	ND	ND	ND	ND	300	ND	ND	280
	12/3/2002	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/22/2003	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/2003	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
	1/27/2005	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
	8/2/2005	ND	ND	ND	ND	0.071 QB	ND	ND	ND	ND	ND	ND
	10/26/2005	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
	4/28/2006	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
	5/1/2007	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/2007	ND	ND	0.99 Q	ND	ND	ND	ND	NA	NA	NA	NA
	1/25/2008	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
	7/22/2008	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/3/2008	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	10/9/2001	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
	2/4/2002	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	300
	5/22/2002	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	290
	8/20/2002	ND	ND	ND	ND	ND	ND	ND	300	ND	ND	290
	4/22/2003	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/23/2003	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/23/2003	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
	10/12/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/28/2005	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
	8/2/2005	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/26/2005	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/1/2006	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/28/2006	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
	10/31/2006	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
	5/1/2007	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/25/2008	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
	7/22/2008	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/3/2008	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 Limit
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	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	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	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	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	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	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	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	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	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	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	<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	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	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	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	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	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	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	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	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	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	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.

Table 5. Landfill Gas Field Parameter Monitoring Results

	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	3/20/2006	10.2	8.1	14.9	66.8			pre-startup
	10:08	3/22/2006	17.2	11.7	14.8	56.3			
	11:33	3/22/2006	10.2	8.1	14.9	66.8			
	15:38	3/22/2006	48.6	29.2	1.4	20.8			
	8:39	3/23/2006	43.2	26.9	1.0	28.9			
	16:40	3/23/2006	41.1	21.9	2.4	34.6			
	15:00	3/24/2006	11.5	8.6	13.4	66.5			
	14:50	3/28/2006	8.7	7.4	13.4	70.5			
	19:02	3/30/2006	21.1	19.6	2.4	56.9	8	1	
	13:20	4/5/2006	23.0	17.0	9.8	50.2			
	13:15	4/6/2006	8.0	8.2	13.3	70.5			
	13:30	4/11/2006	10.2	13.4	6.7	69.7			
	10:51	4/14/2006	12.1	16.6	2.3	69.0	0	0	
	15:32	4/14/2006	22.8	24.9	1.0	51.3	430	34	
	10:15	4/17/2006	19.6	24.6	5.0	50.8			
	19:36	4/27/2006	11.3	16.8	1.9	70.0	315	25	
	13:22	5/4/2006	0.4	0.1	2.5	97.0			
	10:30	5/22/2006	5.9	19.0	3.0	72.1			
	14:32	6/2/2006	6.6	19.5	3.4	70.5			
	8:35	6/9/2006	7.9	17.8	6.4	67.9			
	12:04	6/14/2006	7.1	10.8	15.4	66.7			
	10:57	6/22/2006	6.3	19.5	5.6	68.6			
	11:31	7/5/2006	5.3	20.0	5.9	68.8			
	10:45	7/10/2006	4.7	18.8	5.2	71.3			
	10:11	7/17/2006	5.7	19.8	5.7	68.8			
	14:11	7/28/2006	5.8	19.7	5.3	69.2			
	10:04	8/8/2006	4.6	18.2	6.4	70.8			
	9:16	8/16/2006	2.4	1.3	7.1	89.2			
	8:33	8/21/2006	4.3	18.0	7.5	70.2			
	2:18	8/28/2006	3.4	18.2	8.1	70.3			
	11:31	9/13/2006	8.1	0.0	8.9	83.0			
	11:29	9/25/2006	0.3	0.6	4.9	94.2			
	8:29	10/10/2006	4.0	11.6	13.0	71.4			
	8:35	10/23/2006	0.7	0.1	20.4	78.8			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-1	14:16	11/2/2006	4.9	13.8	8.6	72.8			
	15:04	11/14/2006	0.3	0.0	20.1	79.7			
	11:31	11/27/2006	0.2	0.0	20.2	79.7			
	13:19	12/26/2006	4.9	14.0	7.3	73.8			
	12:58	1/27/2007	3.3	12.6	7.4	76.7			
	9:28	2/15/2007	0.3	5.6	14.2	80.0			
	11:45	2/24/2007	0.6	5.4	15.1	78.9			
	9:38	3/1/2007	7.5	18.6	0.9	73.0			
	10:07	3/1/2007	6.5	18.0	1.7	73.8	60	5	
	11:11	3/1/2007	7.0	18.0	2.1	72.9			
	12:20	3/1/2007	6.5	18.4	2.2	72.9			
	13:40	3/1/2007	5.5	17.8	3.2	73.5	80	6	
	13:42	3/1/2007	6.0	17.4	3.8	72.8	100	8	
	14:36	3/1/2007	5.5	16.4	4.2	73.9	20	2	
	7:45	3/5/2007	0.3	3.2	16.6	79.9			adjust blower time, 12 on, 12 off
	7:45	3/24/2007	1.4	11.2	8.0	79.5			
	16:32	3/24/2007	1.1	10.4	9.0	79.5			
	16:45	3/26/2007	0.5	8.6	10.7	80.2			
	7:05	3/27/2007	0.4	8.0	11.8	79.9			
	16:50	3/28/2007	0.6	8.8	11.7	78.9			
	7:35	3/29/2007	0.3	9.0	10.6	80.1			
	16:38	3/29/2007	0.4	8.6	11.2	79.8			
	7:35	3/30/2007	8.0	17.8	1.6	72.6			blower off
	10:42	5/30/2007	29.5	25.0	0.8	44.7	110	9	restart and run 24 hrs
	13:50	5/30/2007	23.5	23.6	1.2	51.7			
	10:05	5/31/2007	8.5	17.4	2.3	71.8			reduce to 12 on 12 off
	16:05	6/1/2007	5.5	15.8	3.0	75.7			
	15:10	6/2/2007	4.8	15.0	3.2	77.1			
	15:40	6/3/2007	4.0	14.6	3.6	77.8			
	13:50	6/4/2007	3.0	14.0	4.7	78.3			reduce to 6 on 18 off
	14:23	6/7/2007	7.0	16.8	2.2	74.0			
	16:05	6/12/2007	0.9	11.2	9.6	78.3	112	9	
	13:45	6/14/2007	1.5	12.0	8.3	78.3	59	5	
	13:45	6/19/2007	1.4	12.2	8.5	78.0	96	8	
		6/21/2007							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-4	11:23	3/20/2006	15.6	15.9	9.1	59.4			pre-startup
	10:04	3/22/2006	45.0	26.7	2.7	25.6			
	15:30	3/22/2006	54.0	32.9	0.9	12.2			
	8:33	3/23/2006	50.6	32.3	0.9	16.2			
	16:32	3/23/2006	42.4	26.0	0.8	30.8			
	14:56	3/24/2006	30.0	15.7	16.0	38.3			
	14:20	3/28/2006	10.5	9.9	8.9	70.7			
	19:25	3/30/2006	27.4	25.4	1.6	45.6	270	21	
	13:15	4/5/2006	16.0	16.9	8.2	58.9			
	12:45	4/6/2006	14.2	15.1	8.8	61.9			
	13:05	4/11/2006	11.7	12.9	11.5	63.9			
	10:47	4/14/2006	22.7	23.6	1.6	52.1	330	26	
	15:24	4/14/2006	15.5	30.4	2.5	51.6	435	34	
	9:55	4/17/2006	10.0	15.5	7.6	66.9			
	19:25	4/27/2006	8.1	15.2	3.7	73.0	400	31	
	13:07	5/4/2006	7.4	15.3	5.3	72.0			
	10:15	5/22/2006	6.8	16.4	5.8	71.0			
	14:45	6/2/2006	14.1	31.6	5.1	49.2			
	8:18	6/9/2006	10.1	0.6	8.0	81.3			
	12:32	6/14/2006	10.4	21.1	7.7	60.8			
	11:30	6/22/2006	0.6	0.4	19.9	79.1			
	12:04	7/5/2006	12.7	8.8	5.1	73.4			
	11:28	7/10/2006	6.3	24.5	2.5	66.7			
	10:48	7/17/2006	5.7	21.0	5.4	67.9			
	13:58	7/28/2006	8.0	25.3	2.8	63.9			
	9:44	8/8/2006	6.2	23.0	4.0	66.8			
	9:03	8/16/2006	6.1	23.2	4.0	66.7			
	8:17	8/21/2006	7.0	0.5	4.6	87.9			
	2:06	8/28/2006	7.4	25.9	3.9	62.8			
	11:20	9/13/2006	8.1	0.1	3.3	88.5			
	11:17	9/25/2006	10.1	0.3	1.3	88.3			
	8:17	10/10/2006	7.4	25.4	3.4	63.8			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-4	8:17	10/23/2006	7.8	24.0	6.3	61.9			
	13:45	11/2/2006	6.0	20.4	4.2	69.4			
	14:51	11/14/2006	8.0	16.6	6.4	69.0			
	11:25	11/27/2006	4.0	14.8	6.3	75.0			
	12:50	12/26/2006	4.4	18.8	3.1	73.7			
	13:42	1/27/2007	9.0	20.4	2.7	67.9			
	9:26	2/15/2007	0.5	14.4	3.8	81.3			
	11:18	2/24/2007	3.2	14.8	6.7	75.3			
	9:32	3/1/2007	16.5	22.2	0.2	61.1			
	9:50	3/1/2007	16.5	22.6	0.8	60.1	60	5	
	11:05	3/1/2007	12.0	19.8	1.2	67.0			
	12:13	3/1/2007	12.0	19.2	1.2	67.6			
	13:15	3/1/2007	10.5	19.0	1.2	69.3	90	7	
	13:17	3/1/2007	10.5	19.2	1.0	69.3	120	9	
	14:25	3/1/2007	9.5	1.2	17.6	71.7	20	2	
	8:15	3/5/2007	6.0	16.8	3.2	74.0			adjust blower time, 12 on, 12 off
	8:15	3/24/2007	9.5	21.8	1.0	67.7			
	17:00	3/24/2007	7.0	20.8	1.3	70.9			
	17:14	3/26/2007	2.6	19.2	2.1	76.1			
	7:33	3/27/2007	1.7	18.8	2.8	76.7			
	16:24	3/28/2007	2.5	19.2	1.9	76.4			
	8:08	3/29/2007	2.9	19.2	1.5	76.4			
	17:04	3/29/2007	3.3	19.2	1.7	75.9			
	8:08	3/30/2007	8.5	20.6	0.2	70.7			blower off
	10:54	5/30/2007	39.5	27.4	0.2	32.9	130	10	restart and run 24 hrs
	13:34	5/30/2007	37.5	26.8	0.2	35.5			
	10:35	5/31/2007	16.5	23.8	0.2	59.5			reduce to 12 on 12 off
	16:36	6/1/2007	12.5	22.5	0.4	64.6			
	15:33	6/2/2007	11.0	22.4	0.4	66.2			
	16:13	6/3/2007	9.5	21.8	0.3	68.4			
	14:15	6/4/2007	6.5	21.6	0.4	71.5			reduce to 6 on 18 off
	14:59	6/7/2007	9.5	22.2	0.1	68.2			
	17:25	6/12/2007	4.4	20.8	1.0	73.8	47	4	
	14:40	6/14/2007	4.3	20.6	0.5	74.7	35	3	
	14:50	6/19/2007	5.0	21.0	0.8	73.2	73	6	
	14:50	6/21/2007	7.5	21.6	0.7	70.2	89	7	
	14:40	7/11/2007	10.5	23.0	0.4	66.1	33	3	
	14:08	7/23/2007	12.5	23.6	0.4	63.5	85	7	
	14:06	8/8/2007	13.0	24.0	0.4	62.6			
	13:40	8/13/2007	10.0	23.4	0.9	65.7	79	6	
	13:50	8/20/2007	4.6	21.6	0.8	73.0	122	10	
	14:35	8/28/2007	3.1	20.2	0.9	75.8	242	19	
		8/31/2007							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-6	11:19	3/20/2006	0.4	0.2	20.9	78.5			pre-startup
	10:00	3/22/2006	45.9	26.6	2.6	24.9			
	15:49	3/22/2006	54.2	31.6	0.9	13.3			
	8:47	3/23/2006	51.5	29.5	1.3	17.7			
	16:50	3/23/2006	45.0	25.4	3.8	25.8			
	15:30	3/24/2006	24.0	13.9	15.0	47.1			
	14:30	3/28/2006	13.2	10.0	12.9	63.9			
	19:00	3/30/2006	34.4	24.9	2.9	37.8	295	23	
	13:25	4/5/2006	22.9	18.7	8.2	50.2			
	12:55	4/6/2006	21.9	17.4	7.9	52.8			
	13:10	4/11/2006	23.8	20.2	5.9	50.1			
	10:56	4/14/2006	26.9	23.4	2.3	47.4	305	24	
	15:53	4/14/2006	21.3	28.5	5.4	44.8	225	13	
	10:00	4/17/2006	31.3	34.0	3.0	31.7			
	19:55	4/27/2006	15.6	19.8	4.0	60.6	215	17	
	13:15	5/4/2006	0.0	0.0	2.4	97.6			
	10:19	5/22/2006	16.2	24.6	1.3	57.9			
	8:23	6/9/2006	24.4	32.8	6.2	36.6			
	12:37	6/14/2006	22.8	29.3	5.6	42.3			
	10:46	6/22/2006	12.1	23.0	5.4	59.5			
	12:07	7/5/2006	13.7	24.7	4.9	56.7			
	11:33	7/10/2006	12.6	26.2	4.0	57.2			
	10:54	7/17/2006	12.7	25.6	3.9	57.8			
	14:04	7/28/2006	4.8	24.5	4.4	66.3			
	9:53	8/8/2006	14.8	29.1	2.3	53.8			
	9:06	8/16/2006	14.8	27.1	4.1	54.0			
	8:22	8/21/2006	12.7	8.6	3.8	74.9			
	14:10	8/28/2006	16.6	25.7	5.0	52.7			
	11:24	9/13/2006	8.2	1.4	5.3	85.1			
	11:20	9/25/2006	8.1	0.8	1.8	89.3			
	8:20	10/10/2006	18.1	30.1	3.2	48.6			
	8:21	10/23/2006	12.8	18.1	4.6	64.5			
	14:05	11/2/2006	10.0	22.4	1.3	66.3			
	14:56	11/14/2006	19.0	21.8	4.5	54.7			
	11:27	11/27/2006	9.0	14.6	8.4	68.0			
	13:00	12/26/2006	15.5	22.8	1.5	60.2			
	14:02	1/27/2007	13.5	20.8	1.7	64.0			
	9:32	2/15/2007	0.6	11.4	8.0	80.1			
	11:24	2/24/2007	2.6	12.0	9.6	75.9			
	9:41	3/1/2007	23.0	24.0	0.2	52.8			
	10:15	3/1/2007	13.5	17.8	3.6	65.1	40	3	
	10:17	3/1/2007	12.0	19.2	1.3	67.5			
	11:13	3/1/2007	9.0	17.4	2.5	71.1			
	12:22	3/1/2007	7.5	16.6	3.0	72.9			
	13:53	3/1/2007	6.5	15.6	4.3	73.6	80	6	
	14:00	3/1/2007	7.0	15.5	4.2	73.3	120	9	
	14:40	3/1/2007	6.0	14.4	5.2	74.4	20	2	
	8:00	3/5/2007	6.0	14.4	6.4	73.2			adjust blower time, 12 on, 12 off
	8:05	3/24/2007	11.5	20.0	2.8	65.7			
	16:50	3/24/2007	12.0	19.4	2.8	65.8			
	17:05	3/26/2007	9.5	18.4	3.2	68.9			
	7:25	3/27/2007	7.0	17.6	4.1	71.3			
	16:31	3/28/2007	11.0	20.0	1.8	67.2			
	7:59	3/29/2007	8.5	19.8	1.4	70.3			
	16:55	3/29/2007	12.0	20.0	1.3	66.7			
	7:59	3/30/2007	9.0	20.8	0.3	69.9			blower off
	10:45	5/30/2007	31.0	22.6	0.7	45.7	80	6	restart and run 24 hrs
	13:40	5/30/2007	36.5	26.2	0.6	36.7			
	10:25	5/31/2007	21.5	22.8	1.5	54.2			reduce to 12 on 12 off
	16:28	6/1/2007	20.5	22.0	1.1	56.4			
	15:25	6/2/2007	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	6/3/2007	20.5	22.4	0.5	56.6			
	14:08	6/4/2007	16.5	22.0	0.8	60.7			reduce to 6 on 18 off
	15:04	6/7/2007	19.0	22.6	0.4	58.0			
	17:35	6/12/2007	14.0	21.6	1.7	62.7	147	11	
	15:00	6/14/2007	14.0	21.8	0.6	63.6	122	10	
	14:30	6/19/2007	13.0	22.8	0.7	63.5	71	6	
	14:30	6/21/2007	15.0	21.8	1.4	61.8	93	7	
	14:20	7/11/2007	14.0	20.2	3.1	62.7	118	9	
	14:20	7/23/2007	15.0	21.0	3.3	60.7	98	8	
	14:10	8/8/2007	14.0	20.2	3.8	62.0			
	13:15	8/13/2007	12.0	18.6	5.1	64.3	41	3	
	14:20	8/20/2007	9.5	18.0	5.1	67.4	81	6	
	14:15	8/28/2007	9.0	18.6	4.4	68.0	150	12	
	15:50	8/31/2007	6.0	19.2	2.5	72.3	65	5	
	14:45	9/4/2007	6.0	18.2	3.2	72.6	54	4	
	13:15	9/17/2007	5.0	16.8	4.3	73.9	73	6	
	9:35	9/29/2007	4.7	16.8	4.3	74.2	85	7	
	8:35	10/4/2007	4.4	16.2	4.7	74.8	57	4	
	9:35	10/7/2007	4.7	17.0	3.6	74.7	71	6	
	9:40	10/18/2007	7.5	20.0	0.6	71.9	65	5	
	9:10	10/25/2007	7.0	2.0	0.5	90.5	47	4	
	9:10	11/1/2007	7.0	20.6	0.2	72.2	31	2	
	10:05	11/13/2007	17.5	22.0	0.7	59.8	61	5	
	11:20	11/26/2007	6.0	15.6	5.5	72.9	54	4	reduce to 12 on 12 off
	10:50	12/10/2007	7.0	16.8	4.8	71.4	37	3	reduce to 10 on 14 off
	11:40	12/26/2007	6.5	15.6	4.9	73.0	49	4	reduce to 8 on 16 off
	10:05	1/9/2008	6.0	15.6	4.9	73.5	47	4	
	12:05	1/23/2008	5.5	13.4	7.3	73.8	31	2	
	9:10	2/4/2008	12.5	19.4	0.9	67.2	57	4	
	7:40	2/18/2008	17.0	20.4	0.7	61.9	47	4	
	7:20	3/4/2008	21.0	21.0	0.9	57.1	73	6	
	8:35	3/18/2008	31.0	22.8	0.8	45.4	71	6	
	14:15	5/12/2008	14.5	19.6	3.1	62.8	67	5	
	9:05	5/19/2008	5.5	14.8	6.4	73.3	59	5	
	13:40	5/30/2008	12.0	20.4	0.2	67.4	63	5	
	9:15	6/12/2008	5.0	16.8	5.5	72.7	49	4	
	9:10	6/25/2008	10.0	23.4	0.6	66.0	53	4	
	11:20	7/7/2008	5.5	20.0	0.0	74.5	57	4	opened GV-6 to 200 ft/min
	12:25	7/21/2008	7.5	20.8	1.3	70.4	256	20	
	9:45	8/5/2008	9.5	21.8	0.5	68.2	264	21	
	9:00	8/13/2008	11.5	21.6	1.4	65.5	1230	96	increase to 12 on 12 off
	8:40	8/19/2008	4.9	15.4	6.8	73.0	1220	95	
	14:00	9/2/2008	5.5	18.4	2.0	74.1	199	16	
	11:46	10/3/2008	3.7	9.6	11.0	75.7			
	10:35	10/13/2008	9.0	20.4	1.8	68.8	185	14	
	9:10	10/28/2008	7.0	19.2	2.8	71.0	161	13	
	7:30	11/6/2008	10.0	20.2	1.5	68.3	187	15	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-7	11:17	3/20/2006	9.3	6.8	15.8	68.1			pre-startup
	9:58	3/22/2006	44.0	24.8	1.3	29.9			
	15:46	3/22/2006	11.1	24.5	1.3	63.1			
	8:44	3/23/2006	36.7	25.0	1.6	36.7			
	14:40	3/24/2006	8.2	6.8	15.3	69.7			
	14:40	3/28/2006	8.5	8.3	12.7	70.5			
	19:13	3/30/2006	19.8	18.8	3.2	58.2	311	24	
	13:30	4/5/2006	11.5	12.5	9.8	66.2			
	13:00	4/6/2006	8.1	8.5	12.5	70.9			
	13:15	4/11/2006	13.9	16.6	4.8	64.7			
	10:55	4/14/2006	13.9	17.1	2.3	66.7	340	27	
	15:39	4/14/2006	28.6	29.2	3.5	38.7	280	22	
	10:05	4/17/2006	13.1	18.3	7.9	60.7			
	19:45	4/27/2006	8.7	13.6	5.4	72.3	226	18	
	13:17	5/4/2006	0.0	0.0	6.3	93.7			
	10:23	5/22/2006	6.7	15.1	7.0	71.2			
	8:26	6/9/2006	9.8	24.8	9.1	56.3			
	12:40	6/14/2006	8.2	13.5	8.7	69.6			
	10:48	6/22/2006	5.6	15.4	7.8	71.2			
	12:14	7/5/2006	5.2	17.1	7.4	70.3			
	11:35	7/10/2006	0.0	0.0	5.6	94.4			
	11:00	7/17/2006	4.6	16.4	7.0	72.0			
	14:07	7/28/2006	6.2	16.7	6.7	70.4			
	9:59	8/8/2006	4.9	15.6	7.9	71.6			
	9:08	8/16/2006	5.6	15.1	8.3	71.0			
	8:25	8/21/2006	1.6	4.2	9.3	84.9			
	2:12	8/28/2006	5.2	14.8	8.8	71.2			
	11:25	9/13/2006	4.6	13.3	9.9	72.2			
	11:23	9/25/2006	6.8	0.5	5.1	87.6			
	8:22	10/10/2006	5.2	13.8	11.3	69.7			
	8:24	10/23/2006	2.4	3.0	16.0	78.6			
	14:10	11/2/2006	6.5	13.0	9.4	71.1			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-7	14:59	11/14/2006	2.6	8.6	11.5	77.3			
	11:30	11/27/2006	2.7	8.6	11.7	77.1			
	13:05	12/26/2006	9.0	16.0	6.0	69.0			
	14:12	1/27/2007	8.0	4.8	5.4	81.8			
	9:33	2/15/2007	0.9	15.0	3.3	80.8			
	11:30	2/24/2007	sampling port clogged with ice						
	9:43	3/1/2007	30.5	27.2	0.3	42.0			
	10:20	3/1/2007	18.5	23.4	0.7	57.4	60	5	
	11:17	3/1/2007	20.5	24.2	0.4	54.9			
	12:24	3/1/2007	17.0	23.0	0.4	59.6			
	14:04	3/1/2007	17.5	23.0	0.8	58.7	130	10	
	14:42	3/1/2007	16.0	22.0	1.5	60.5	20	2	
	7:55	3/5/2007	4.9	17.4	2.6	75.1			adjust blower time, 12 on, 12 off
	7:55	3/24/2007	7.0	12.2	6.6	74.2			
	16:37	3/24/2007	6.5	12.0	6.7	74.8			
	16:56	3/26/2007	5.0	11.4	7.4	76.2			
	7:14	3/27/2007	4.1	10.4	8.9	76.6			
	16:38	3/28/2007	4.6	11.6	8.0	75.8			
	7:45	3/29/2007	4.2	12.6	6.3	77.0			
	16:47	3/29/2007	4.9	12.4	6.8	76.0			
	7:40	3/30/2007	4.0	14.2	4.5	77.4			blower off
	10:50	5/30/2007	35.5	26.2	0.5	37.8	70	5	restart and run 24 hrs
	13:42	5/30/2007	28.5	21.4	1.4	48.7			
	10:15	5/31/2007	16.5	17.4	2.7	63.4			reduce to 12 on 12 off
	16:15	6/1/2007	15.0	17.0	2.7	65.3			
	15:17	6/2/2007	14.0	16.8	3.0	66.2			
	15:48	6/3/2007	13.5	16.6	3.1	66.8			
	13:54	6/4/2007	11.5	15.6	4.0	68.9			reduce to 6 on 18 off
	14:32	6/7/2007	15.0	18.0	2.1	64.9			
	16:25	6/12/2007	8.0	14.2	6.2	71.6	41	3	
	14:05	6/14/2007	9.5	15.0	5.6	69.9	47	4	
	13:45	6/19/2007	8.0	14.2	6.7	71.1	126	10	
		6/21/2007							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-9	11:13	3/20/2006	16.8	14.0	9.7	59.5			pre-startup
	9:56	3/22/2006	42.7	27.8	0.8	28.7			
	15:42	3/22/2006	47.8	30.5	1.3	20.4			
	8:42	3/23/2006	49.0	31.4	1.0	18.6			
	16:43	3/23/2006	56.4	36.6	0.9	6.1			
	16:48	3/23/2006	38.0	28.3	1.7	32.0			
	15:10	3/24/2006	11.2	9.3	14.0	65.5			
	15:00	3/28/2006	8.8	8.9	12.8	69.5			
	19:05	3/30/2006	25.8	26.3	1.5	46.4	236	18	
	13:40	4/5/2006	14.1	17.7	7.8	60.4			
	13:20	4/6/2006	11.0	13.7	10.0	65.3			
	13:25	4/11/2006	8.9	11.8	11.2	68.1			
	10:53	4/14/2006	15.7	20.6	1.4	62.3	270	21	
	15:36	4/14/2006	12.8	19.0	2.9	65.3	390	30	
	10:20	4/17/2006	11.2	15.7	11.6	61.5			
	19:40	4/27/2006	9.6	16.8	3.7	69.9	311	24	
	13:24	5/4/2006	0.0	0.1	3.7	96.2			
	10:33	5/22/2006	6.3	17.9	4.4	71.4			
	8:38	6/9/2006	5.2	15.6	7.0	72.2			
	13:00	6/14/2006	12.4	31.0	6.1	50.5			
	11:01	6/22/2006	5.1	18.4	5.9	70.6			
	11:35	7/5/2006	5.8	20.5	4.8	68.9			
	10:48	7/10/2006	0.9	22.4	2.8	73.9			
	10:14	7/17/2006	6.0	20.6	5.6	67.8			
	14:12	7/28/2006	7.0	20.7	4.4	67.9			
	10:06	8/8/2006	5.4	19.6	5.3	69.7			
	9:25	8/16/2006	9.8	6.4	6.0	77.8			
	8:35	8/21/2006	0.4	0.8	6.9	91.9			
	2:20	8/28/2006	5.6	18.8	7.2	68.4			
	11:34	9/13/2006	0.6	1.4	6.9	91.1			
	11:31	9/25/2006	7.0	0.7	6.4	85.9			
	8:30	10/10/2006	5.9	18.2	7.4	68.5			
	8:39	10/23/2006	6.8	19.2	7.0	67.0			
	14:18	11/2/2006	4.6	14.6	7.2	73.7			
	15:13	11/14/2006	4.2	14.0	7.4	74.5			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-9	11:35	11/27/2006	3.2	14.0	7.4	75.4			
	13:25	12/26/2006	7.5	17.4	4.5	70.6			
	13:05	1/27/2007	6.5	14.8	6.8	71.9			
	9:30	2/15/2007	0.4	15.8	4.0	79.8			
	11:50	2/24/2007	7.0	12.2	8.6	72.2			
	9:36	3/1/2007	18.0	22.0	0.3	59.7			
	10:03	3/1/2007	11.5	18.2	2.1	68.2	60	5	
	11:09	3/1/2007	6.0	14.5	4.9	74.6			
	11:24	3/1/2007	5.5	14.4	5.3	74.8			
	12:18	3/1/2007	5.0	13.8	5.4	75.8			
	13:25	3/1/2007	2.6	12.6	6.7	78.1	70	5	
	13:35	3/1/2007	2.2	6.8	12.6	78.5	20	2	
	14:34	3/1/2007	0.7	10.6	7.9	80.9			
	7:40	3/5/2007	0.2	0.0	20.1	79.8			adjust blower time, 12 on, 12 off
	8:25	3/24/2007	7.0	15.6	5.4	72.0			
	17:15	3/24/2007	7.0	15.8	4.9	72.3			
	17:35	3/26/2007	5.5	15.6	4.8	74.1			
	7:45	3/27/2007	4.9	14.8	5.6	74.8			
	17:05	3/28/2007	5.5	16.0	5.0	73.5			
	8:22	3/29/2007	4.9	15.8	4.6	74.7			
	17:25	3/29/2007	5.5	16.0	4.7	73.8			
	8:20	3/30/2007	1.2	15.2	4.0	79.7			blower off
	10:27	5/30/2007	27.5	24.8	0.4	47.3	110	9	restart and run 24 hrs
	13:48	5/30/2007	23.5	24.0	0.4	52.1			
	10:00	5/31/2007	17.5	20.8	1.2	60.5			reduce to 12 on 12 off
	16:20	6/1/2007	17.0	20.8	1.0	61.2			
	15:45	6/2/2007	16.0	20.8	0.9	62.3			
	15:55	6/3/2007	16.0	20.4	1.1	62.5			
	13:58	6/4/2007	14.5	19.8	1.5	64.2			reduce to 6 on 18 off
	14:37	6/7/2007	15.0	24.0	0.6	60.4			
	16:35	6/12/2007	11.5	19.2	2.6	66.7	148	12	
	14:14	6/14/2007	11.0	19.0	2.5	67.5	33	3	
	14:05	6/19/2007	10.0	19.0	2.8	68.2	138	11	
	13:50	6/21/2007	7.5	16.6	4.8	71.1	94	7	
	13:40	7/11/2007	7.0	16.8	4.7	71.5	106	8	
	13:20	7/23/2007	7.5	17.4	4.6	70.5	120	9	
	14:15	8/8/2007	7.5	17.2	5.0	70.3			
		8/13/2007							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-12	11:05	3/20/2006	11.5	17.7	5.4	65.4			pre-startup
	9:50	3/22/2006	36.0	26.8	2.1	35.1			
	10:16	3/22/2006	34.8	24.3	1.9	39.0			
	15:28	3/22/2006	34.4	26.0	0.8	38.8			
	8:25	3/23/2006	32.9	31.0	2.1	34.0			
	16:30	3/23/2006	24.1	20.2	2.7	53.0			
	14:20	3/24/2006	4.7	4.8	17.1	73.4			
	14:10	3/28/2006	4.4	5.5	9.9	80.2			
	19:28	3/30/2006	13.1	16.7	5.8	64.4	630	49	
	13:10	4/5/2006	6.7	9.4	12.4	71.5			
	12:40	4/6/2006	6.8	9.0	12.3	71.9			
	13:00	4/11/2006	5.4	8.3	13.0	73.3			
	10:42	4/14/2006	11.3	17.8	3.6	67.3	720	56	
	15:19	4/14/2006	4.5	10.7	9.2	75.6	378	30	
	9:50	4/17/2006	2.1	6.1	14.5	77.3			
	19:16	4/27/2006	3.7	9.2	9.6	77.5			
	13:04	5/4/2006	3.8	9.8	10.4	76.0			
	10:12	5/22/2006	3.0	10.8	10.2	76.0			
	8:15	6/9/2006	3.9	11.9	11.5	72.7			
	12:29	6/14/2006	5.9	14.2	10.5	69.4			
	10:36	6/22/2006	4.3	13.2	9.7	72.8			
	12:01	7/5/2006	3.4	13.0	10.5	73.1			
	11:25	7/10/2006	5.3	20.0	4.1	70.6			
	10:45	7/17/2006	3.4	14.4	8.7	73.5			
	13:55	7/28/2006	4.5	18.1	6.5	70.9			
	9:40	8/8/2006	4.1	17.2	6.7	72.0			
	9:35	8/16/2006	0.7	2.8	17.5	79.0			
	8:14	8/21/2006	0.1	0.2	6.5	93.2			
	2:05	8/28/2006	5.3	18.7	6.7	69.3			
	11:16	9/13/2006	0.6	1.7	7.4	90.3			
	11:15	9/25/2006	12.6	27.8	2.1	57.5			
	8:15	10/10/2006	5.3	18.7	16.6	59.4			
	8:15	10/23/2006	4.7	18.7	9.0	67.6			
	14:44	11/2/2006	0.3	4.2	16.0	79.5			
	13:48	11/14/2006	5.0	16.2	4.8	74.0			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GV-12	11:22	11/27/2006	3.5	14.2	6.4	76.0			
	12:45	12/26/2006	3.9	13.2	7.6	75.4			
	13:23	1/27/2007	18.0	6.8	14.7	60.5			
	9:25	2/15/2007	0.3	0.6	19.5	79.7			
	9:37	2/15/2007	0.3	1.2	18.8	79.7			
	11:05	2/24/2007	0.4	1.2	19.3	79.1			
	9:34	3/1/2007	20.0	23.6	0.4	56.0			
	9:56	3/1/2007	19.0	23.4	0.2	57.4	60	5	
	11:07	3/1/2007	17.0	22.6	0.3	60.1			
	12:16	3/1/2007	14.5	21.4	0.2	63.9			
	13:19	3/1/2007	13.5	21.8	0.2	64.5	80	6	
	13:20	3/1/2007	15.0	22.6	0.3	62.1	120	9	
	14:27	3/1/2007	12.5	20.8	0.5	66.2	20	2	
	8:20	3/5/2007	6.0	18.2	2.1	73.7			adjust blower time, 12 on, 12 off
	8:15	3/24/2007	1.1	14.2	7.9	76.9			
	17:05	3/24/2007	0.8	14.2	7.6	77.4			
	17:20	3/26/2007	0.2	11.4	9.3	79.1			
	7:36	3/27/2007	0.2	9.8	10.8	79.2			
	17:45	3/28/2007	0.5	12.0	7.7	79.8			
	8:15	3/29/2007	0.4	13.2	4.2	82.2			
	17:10	3/29/2007	0.4	12.6	6.3	80.7			
	8:15	3/30/2007	9.0	20.6	0.3	70.1			blower off
	11:07	5/30/2007	20.0	24.8	0.2	55.0	110	9	restart and run 24 hrs
	13:32	5/30/2007	13.0	24.0	0.4	62.6			
	10:40	5/31/2007	3.1	17.4	5.4	74.1			reduce to 12 on 12 off
	16:40	6/1/2007	2.5	17.2	3.6	76.7			
	15:37	6/2/2007	2.3	17.2	3.4	77.1			
	16:15	6/3/2007	1.9	16.8	2.8	78.5			
	14:20	6/4/2007	1.5	16.6	3.3	78.7			reduce to 6 on 18 off
	14:53	6/7/2007	3.9	18.2	2.2	75.8			
	17:08	6/12/2007	0.3	13.8	5.6	80.3	38	3	
	14:30	6/14/2007	0.8	15.4	1.9	81.9	87	7	
	14:20	6/19/2007	1.1	15.6	4.8	78.5	91	7	
	14:20	6/21/2007	1.5	16.8	2.7	79.0	53	4	
	14:10	7/11/2007	3.9	20.2	0.5	75.5	73	6	
	13:45	7/23/2007	4.5	20.8	0.3	74.5	61	5	
	14:21	8/8/2007	4.9	21.6	0.1	73.5			
	14:10	8/13/2007	4.1	21.6	0.0	74.4	81	6	
	13:40	8/20/2007	1.1	17.0	3.3	78.6	85	7	
	14:05	8/28/2007	0.5	15.0	4.7	79.8	96	8	
		8/31/2007							vent closed

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-1	11:31	3/20/2006	61.5	37.7	0.7	0.1			pre-startup
	10:02	3/22/2006	43.6	26.3	6.4	23.7			
	15:32	3/22/2006	56.0	33.3	3.8	6.9			
	8:29	3/23/2006	50.1	29.5	4.3	16.1			
	16:35	3/23/2006	44.2	24.6	4.9	26.3			
	15:40	3/24/2006	18.8	11.8	15.9	53.5			
	14:25	3/28/2006	7.0	8.7	10.8	73.5			
	18:58	3/30/2006	15.8	21.0	6.9	56.3	4	0	
	13:50	4/5/2006	11.2	17.1	9.8	61.9			
	12:50	4/6/2006	6.2	9.0	13.9	70.9			
	13:10	4/11/2006	9.6	16.7	8.6	65.1			
	10:45	4/14/2006	11.2	17.9	7.2	63.7	2	0	
	15:26	4/14/2006	12.2	24.1	4.0	59.7	30	2	
	9:58	4/17/2006	16.7	30.2	5.3	47.8			
	19:12	4/27/2006	7.8	17.5	2.9	71.8	35	3	
	13:12	5/4/2006	6.1	18.7	2.0	73.2			
	10:17	5/22/2006	5.8	21.6	1.3	71.3			
	12:20	6/2/2006	18.0	22.7	0.6	58.7	41	3	
	8:20	6/9/2006	1.1	0.2	20.4	78.3			
	12:34	6/14/2006	3.9	0.6	20.2	75.3			
	10:41	6/22/2006	3.3	7.6	13.8	75.3			
	12:06	7/5/2006	3.7	12.5	10.1	73.7			
	11:31	7/10/2006	3.5	10.9	11.8	73.8			
	10:49	7/17/2006	3.9	10.7	11.8	73.6			
	14:00	7/28/2006	5.0	12.0	10.2	72.8			
	9:46	8/8/2006	2.7	9.5	12.9	74.9			
	7:20	8/16/2006	2.4	6.6	14.5	76.5			
	7:12	8/21/2006	0.1	0.2	15.1	84.6			
	14:07	8/28/2006	2.1	12.5	12.4	73.0			
	11:21	9/13/2006	0.6	0.6	13.3	85.5			
	11:19	9/25/2006	0.0	0.0	16.2	83.8			
	8:18	10/10/2006	2.7	8.4	14.8	74.1			
	8:19	10/23/2006	2.0	1.5	12.8	83.7			
	14:00	11/2/2006	3.8	21.6	1.7	72.9			
	14:54	11/14/2006	7.5	23.0	0.7	68.8			
	11:26	11/27/2006	5.5	23.0	0.4	71.1			
	12:57	12/26/2006	5.0	23.6	0.3	71.1			
	13:57	1/27/2007	9.5	22.8	0.3	67.4			
	11:20	2/24/2007	6.5	23.0	0.8	69.7			
	11:20	3/1/2007	17.5	23.2	1.8	57.5			
	12:28	3/1/2007	16.5	23.2	1.8	58.5	40	3	
	14:30	3/1/2007	15.5	22.8	1.6	60.1			
	8:10	3/5/2007	sampling port clogged with ice						adjust blower time, 12 on, 12 off
	8:10	3/24/2007	15.5	23.0	1.8	59.7			
	16:55	3/24/2007	14.0	22.2	2.2	61.6			
	17:10	3/26/2007	11.0	21.6	2.2	65.2			
	7:28	3/27/2007	10.0	22.4	1.7	65.9			
	16:27	3/28/2007	11.0	22.8	1.5	64.7			
	8:04	3/29/2007	11.5	23.0	1.5	64.0			
	17:00	3/29/2007	11.0	22.8	1.5	64.7			
	8:04	3/30/2007	13.0	24.0	1.0	62.0			blower off

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-1	11:34	5/30/2007	43.0	28.0	2.0	27.0	250	12	restart and run 24 hrs
	13:35	5/30/2007	40.0	26.2	2.6	31.2			
	10:30	5/31/2007	0.1	0.0	20.7	79.2			reduce to 12 on 12 off
	16:32	6/1/2007	0.1	0.0	20.7	79.2			
	15:30	6/2/2007	20.0	22.8	1.7	55.5			
	16:09	6/3/2007	18.0	22.2	1.9	57.9			
	14:12	6/4/2007	16.5	21.8	2.2	59.5			reduce to 6 on 18 off
	15:10	6/7/2007	17.0	21.6	2.3	59.1			
	17:16	6/12/2007	10.5	21.0	2.1	66.4	978	48	
	14:49	6/14/2007	11.0	20.8	2.2	66.0	1224	60	
	14:40	6/19/2007	10.5	21.0	2.2	66.3	1071	53	
	14:40	6/21/2007	11.0	21.2	2.0	65.8	1014	50	
	14:30	7/11/2007	11.5	21.4	2.0	65.1	1730	85	
	14:00	7/23/2007	12.0	21.8	2.0	64.2	902	44	
	14:07	8/8/2007	12.0	21.6	2.2	64.2			
	13:30	8/13/2007	13.5	22.8	2.2	61.5	740	36	
	14:10	8/20/2007	10.0	21.4	2.8	65.8	1425	70	
	14:25	8/28/2007	8.5	20.8	2.7	68.0	972	48	
	15:55	8/31/2007	5.5	18.2	4.2	72.1	1224	60	
	14:55	9/4/2007	4.5	17.2	4.1	74.3	1026	50	
	13:25	9/17/2007	3.2	15.4	5.1	76.4	1164	57	
	9:50	9/29/2007	3.0	15.2	5.6	76.2	903	44	
	8:45	10/4/2007	3.1	15.2	5.6	76.1	850	42	
	9:45	10/7/2007	3.7	15.6	4.8	75.9	1045	51	
	9:50	10/18/2007	6.0	17.0	3.6	73.4	1024	50	
	9:00	10/25/2007	5.0	17.2	3.8	74.0	677	33	
	9:20	11/1/2007	6.0	18.6	2.2	73.2	541	27	
	10:25	11/13/2007	11.5	18.6	3.4	66.5	951	47	
	11:30	11/26/2007	4.8	16.2	4.8	74.3	941	46	
	11:00	12/10/2007	5.0	16.0	5.4	73.6	1071	53	
	11:50	12/26/2007	5.5	16.6	4.3	73.6	648	32	
	10:15	1/9/2008	6.0	17.0	3.7	73.3	764	37	
	12:10	1/23/2008	5.0	15.8	5.2	74.0	463	23	
	9:20	2/4/2008	8.0	17.4	3.3	71.3	472	23	
	7:50	2/18/2008	12.0	17.6	3.8	66.6	733	36	
	7:30	3/4/2008	20.0	18.0	6.0	56.0	701	34	
	8:50	3/18/2008	23.0	19.8	3.9	53.3	185	9	
	14:30	5/12/2008	14.5	21.0	1.5	63.0	1014	50	
	9:15	5/19/2008	4.4	17.4	2.4	75.9	760	37	
	13:50	5/30/2008	6.5	18.2	1.2	74.1	1045	51	
	9:20	6/12/2008	3.8	19.0	2.6	74.6	823	40	
	9:20	6/25/2008	9.5	21.6	0.5	68.4	827	41	
	11:10	7/7/2008	6.0	19.4	1.3	73.3	1354	66	opened GV-6 to 200 ft/min
	12:25	7/21/2008	6.5	20.6	1.1	71.8	1166	57	
	9:50	8/5/2008	7.0	20.2	1.7	71.1	701	34	
	9:10	8/13/2008	12.5	23.2	0.1	64.2	126	6	increase to 12 on 12 off
	8:45	8/19/2008	8.0	21.2	2.2	68.6	242	12	
	14:15	9/2/2008	6.5	20.6	1.1	71.8	486	24	
	11:41	10/3/2008	8.0	21.6	0.8	69.6			
	10:40	10/13/2008	9.0	22.4	0.6	68.0	465	23	
	9:15	10/28/2008	9.0	23.4	0.0	67.6	427	21	
	7:40	11/6/2008	10.5	22.2	0.6	66.7	514	25	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-2	11:09	3/20/2006	61.9	36.8	1.0	0.3			pre-startup
	9:52	3/22/2006	50.2	28.3	4.9	16.6			
	15:51	3/22/2006	49.9	35.2	7.4	7.5			
	8:52	3/23/2006	45.2	27.1	6.8	20.9			
	16:52	3/23/2006	54.3	32.5	3.5	9.7			
	15:20	3/24/2006	25.5	14.8	15.3	44.4			
	15:10	3/28/2006	18.7	12.0	13.5	55.8			
	19:09	3/30/2006	52.6	28.7	3.7	15.0	20	2	
	13:45	4/5/2006	35.5	20.5	8.2	35.8			
	13:25	4/6/2006	33.4	21.0	9.1	36.5			
	13:35	4/11/2006	33.4	21.7	9.9	35.0			
	10:57	4/14/2006	58.5	39.5	2.0	0.0	10	1	
	15:56	4/14/2006	33.6	20.0	7.9	38.5	10	1	
	10:20	4/17/2006	30.0	20.0	4.3	45.7			
	19:59	4/27/2006	51.7	26.8	4.2	17.3	14	1	
	13:28	5/4/2006	43.6	24.8	4.2	27.4			
	12:00	5/22/2006	48.8	28.9	4.3	18.0			
	8:41	6/9/2006	34.2	20.0	10.5	35.3			
	13:05	6/14/2006	30.1	20.2	8.3	41.4			
	11:05	6/22/2006	45.1	35.4	5.1	14.4			
	12:09	7/5/2006	44.4	44.5	5.8	5.3			
	10:50	7/10/2006	0.1	0.2	5.4	94.3			
	10:15	7/17/2006	42.7	32.7	5.8	18.8			
	14:15	7/28/2006	43.6	33.4	4.7	18.3			
	9:51	8/8/2006	45.4	36.2	4.1	14.3			
	9:30	8/16/2006	31.2	24.6	8.6	35.6			
	8:38	8/21/2006	2.4	10.2	3.7	83.7			
	14:22	8/28/2006	20.0	36.2	4.2	39.6			
	11:36	9/13/2006	28.2	37.0	4.0	30.8			
	11:34	9/25/2006	2.4	0.8	5.9	90.9			
	8:32	10/10/2006	49.8	41.7	5.1	3.4			
	8:42	10/23/2006	37.8	29.5	7.6	25.1			
	14:20	11/2/2006	42.5	28.4	3.6	25.5			
	15:16	11/14/2006	39.5	28.2	3.5	28.8			
	11:40	11/27/2006	48.5	33.2	0.3	18.0			
	13:30	12/26/2006	44.0	29.4	2.6	24.0			
	14:10	1/27/2007	44.5	27.6	3.1	24.8			
	11:28	2/24/2007	9.0	0.2	20.5	70.3			
	11:02	3/1/2007	37.2	28.2	1.5	33.1			
	12:26	3/1/2007	36.0	29.0	1.5	33.5	150	12	
	14:45	3/1/2007	33.0	27.6	2.1	37.3			
	8:05	3/5/2007	1.1	1.0	19.7	78.3			adjust blower time, 12 on, 12 off
	8:00	3/24/2007	36.0	28.4	1.2	34.4			
	16:45	3/24/2007	36.0	28.0	1.0	35.0			
	17:00	3/26/2007	33.5	27.4	0.9	38.2			
	7:19	3/27/2007	33.5	27.4	1.0	38.1			
	16:35	3/28/2007	36.0	28.2	0.9	34.9			
	7:50	3/29/2007	36.5	28.6	0.8	34.1			
	16:52	3/29/2007	35.5	28.2	0.7	35.6			
	7:56	3/30/2007	11.5	11.0	11.5	66.0			blower off
	11:45	5/30/2007	44.5	27.4	1.9	26.2	310	15	restart and run 24 hrs

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-2	13:45	5/30/2007	46.0	28.2	1.5	24.3			
	10:20	5/31/2007	40.0	26.0	1.3	32.7			reduce to 12 on 12 off
	16:25	6/1/2007	40.5	25.4	1.4	32.7			
	15:20	6/2/2007	40.5	25.4	1.2	32.9			
	16:00	6/3/2007	39.5	25.2	1.4	33.9			
	14:04	6/4/2007	39.5	25.2	1.5	33.8			reduce to 6 on 18 off
	14:43	6/7/2007	39.5	25.0	1.4	34.1			
	16:46	6/12/2007	40.5	25.6	1.2	32.7	1552	76	
	14:20	6/14/2007	40.5	25.4	1.2	32.9	1035	51	
	13:55	6/19/2007	39.5	25.8	1.2	33.5	854	42	
	14:00	6/21/2007	39.5	25.4	1.5	33.6	1053	52	
	13:50	7/11/2007	38.0	25.8	1.5	34.7	785	39	
	13:30	7/23/2007	38.5	26.6	1.4	33.5	1024	50	
	14:17	8/8/2007	38.5	27.8	1.2	32.5			
	14:00	8/13/2007	38.5	28.2	1.5	31.8	1077	53	
	13:20	8/20/2007	34.5	25.2	3.1	37.2	852	42	
	13:45	8/28/2007	36.5	27.8	1.3	34.4	1921	94	
	15:30	8/31/2007	30.0	26.0	2.5	41.5	2198	108	
	14:25	9/4/2007	26.0	26.0	2.0	46.0	1294	63	
	12:55	9/17/2007	17.5	23.6	3.2	55.7	972	48	
	9:15	9/29/2007	17.5	23.8	2.9	55.8	1378	68	
	8:15	10/4/2007	18.5	25.0	1.8	54.7	626	31	
	9:15	10/7/2007	19.0	25.2	1.7	54.1	844	41	
	9:30	10/18/2007	17.5	21.4	4.2	56.9	1049	51	
	8:35	10/25/2007	23.0	25.2	2.3	49.5	835	41	
	8:50	11/1/2007	26.5	27.0	1.0	45.5	742	36	
	9:55	11/13/2007	28.0	25.8	1.8	44.4	1094	54	
	11:05	11/26/2007	27.0	25.4	2.0	45.6	702	34	
	10:30	12/10/2007	26.0	25.8	2.1	46.1	555	27	
	11:15	12/26/2007	26.0	25.0	2.0	47.0	872	43	
	9:40	1/9/2008	24.5	21.6	4.7	49.2	728	36	
	11:58	1/23/2008	19.0	18.2	7.4	55.4	1321	65	
	8:50	2/4/2008	17.0	15.4	9.4	58.2	1158	57	
	7:20	2/18/2008	25.5	20.4	6.3	47.8	654	32	
	7:15	3/4/2008	30.5	21.2	7.1	41.2	1291	63	
	8:25	3/18/2008	32.5	22.6	5.5	39.4	913	45	
	13:45	5/12/2008	43.0	25.8	2.5	28.7	571	28	
	8:45	5/19/2008	41.0	26.0	2.0	31.0	646	32	
	13:20	5/30/2008	31.0	23.6	3.2	42.2	1123	55	
	8:35	6/12/2008	35.5	20.0	1.3	43.2	1524	75	
	8:45	6/25/2008	33.0	24.8	3.6	38.6	774	38	
	10:45	7/7/2008	32.0	27.0	1.7	39.3	813	40	opened GV-6 to 200 ft/min
	12:20	7/21/2008	34.5	28.2	1.5	35.8	604	30	
	10:00	8/5/2008	34.5	27.6	2.1	35.8	972	48	
	9:20	8/13/2008	36.5	27.8	2.8	32.9	122	6	increase to 12 on 12 off
	9:05	8/19/2008	40.0	29.6	0.4	30.0	205	10	
	14:40	9/2/2008	34.0	29.6	1.3	35.1	1120	88	
	11:49	10/3/2008	34.5	29.4	1.8	34.3			
	10:25	10/13/2008	36.5	29.8	1.7	32.0	492	38	
	9:35	10/28/2008	38.5	30.2	2.4	28.9	341	27	
	8:00	11/6/2008	39.0	30.4	1.5	29.1	376	29	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-3	11:31	3/20/2006	62.3	36.3	0.5	0.9			pre-startup
	10:06	3/22/2006	55.9	33.2	3.5	7.4			
	8:37	3/23/2006	53.5	30.5	3.4	12.6			
	16:30	3/23/2006	59.9	30.5	2.0	7.6			
	14:30	3/24/2006	8.6	6.7	17.0	67.7			
	14:45	3/28/2006	21.1	14.8	12.0	52.1			
	19:21	3/30/2006	51.2	30.4	1.6	16.8	73	6	
	13:35	4/5/2006	30.7	22.2	6.6	40.5			
	13:05	4/6/2006	19.0	14.9	11.9	54.2			
	13:20	4/11/2006	36.9	26.6	3.5	33.0			
	10:49	4/14/2006	38.2	27.8	1.0	33.0	20	2	
	15:30	4/14/2006	37.7	28.8	1.2	32.3	30	2	
	10:10	4/17/2006	10.5	0.6	0.8	88.1			
	19:38	4/27/2006	27.6	23.6	0.5	48.3	37	3	
	13:20	5/4/2006	0.0	0.0	8.8	91.2			
	10:25	5/22/2006	9.6	15.7	8.9	65.8			
	14:41	6/2/2006	0.6	0.1	20.4	78.9			
	8:29	6/9/2006	22.5	31.2	4.0	42.3			
	12:42	6/14/2006	20.5	15.6	3.2	60.7			
	10:51	6/22/2006	13.1	28.7	3.5	54.7			
	12:23	7/5/2006	13.0	29.6	1.9	55.5			
	11:38	7/10/2006	0.0	0.0	1.7	98.3			
	10:17	7/17/2006	11.9	28.3	1.8	58.0			
	14:09	7/28/2006	16.3	28.7	1.5	53.5			
	10:02	8/8/2006	11.4	28.8	1.5	58.3			
	9:10	8/16/2006	11.9	28.4	1.4	58.3			
	8:27	8/21/2006	2.4	5.8	1.8	90.0			
	14:14	8/28/2006	12.1	10.2	1.4	76.3			
	11:26	9/13/2006	6.8	11.8	1.7	79.7			
	11:25	9/25/2006	10.1	0.4	1.9	87.6			
	8:25	10/10/2006	10.8	29.6	2.7	56.9			
	8:26	10/23/2006	10.9	29.4	3.9	55.8			
	14:12	11/2/2006	9.5	23.4	0.4	66.7			
	15:09	11/14/2006	2.5	0.0	20.0	77.5			
	12:00	11/27/2006	0.3	1.2	18.9	79.7			
	13:10	12/26/2006	13.5	21.2	3.3	62.0			
	14:20	1/27/2007	13.0	21.4	1.9	63.7			
	11:40	2/24/2007	4.3	0.2	19.7	75.9			
	11:22	3/1/2007	12.0	19.6	4.1	64.3			
	12:30	3/1/2007	11.5	19.2	4.2	65.1	290	23	
	14:32	3/1/2007	11.5	18.8	4.1	65.6			
	7:50	3/5/2007	0.3	0.0	20.3	79.5			adjust blower time, 12 on, 12 off
	7:50	3/24/2007	15.0	19.2	4.1	61.7			
	16:34	3/24/2007	14.5	19.2	4.0	62.3			
	16:48	3/26/2007	12.5	18.6	3.6	65.3			
	7:09	3/27/2007	12.0	19.2	3.5	65.3			
	16:45	3/28/2007	13.0	19.8	3.6	63.6			
	7:40	3/29/2007	12.0	19.2	3.7	65.1			
	16:43	3/29/2007	12.0	19.2	3.8	65.0			
	7:45	3/30/2007	7.0	12.6	8.0	72.4			blower off

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
LC-3	11:30	5/30/2007	29.0	22.8	3.0	45.2	1400	109	restart and run 24 hrs
	13:52	5/30/2007	30.5	22.8	3.2	43.5			
	10:10	5/31/2007	23.5	21.2	2.9	52.4			reduce to 12 on 12 off
	16:10	6/1/2007	21.5	20.8	2.8	54.9			
	15:13	6/2/2007	20.0	19.4	3.6	57.0			
	15:44	6/3/2007	19.0	20.2	2.8	58.0			
	13:45	6/4/2007	18.0	19.8	3.0	59.2			reduce to 6 on 18 off
	14:27	6/7/2007	23.0	22.2	2.8	52.0			
	16:15	6/12/2007	14.0	19.4	3.1	63.5	866	68	
	13:58	6/14/2007	14.5	19.2	3.1	63.2	1265	99	
	13:35	6/19/2007	14.5	19.6	3.0	62.9	1044	82	
	13:40	6/21/2007	14.0	19.2	3.2	63.6	1146	90	
	13:20	7/11/2007	14.0	19.2	3.3	63.5	858	67	
	13:10	7/23/2007	13.0	19.0	3.4	64.6	1033	81	
	14:04	8/8/2007	13.0	19.4	3.4	64.2			
	13:50	8/13/2007	14.0	21.6	2.1	62.3	1315	103	
	13:10	8/20/2007	11.8	19.8	2.7	65.7	945	74	
	13:35	8/28/2007	11.5	19.2	2.8	66.5	1378	108	
	15:20	8/31/2007	8.5	18.0	3.5	70.0	1283	100	
	14:15	9/4/2007	7.0	17.0	3.9	72.1	1412	110	
	12:45	9/17/2007	5.5	15.8	4.7	74.0	1198	94	
	9:05	9/29/2007	5.0	16.2	4.6	74.2	1181	92	
	8:05	10/4/2007	5.5	16.0	4.6	73.9	1140	89	
	9:05	10/7/2007	6.0	16.4	4.2	73.4	1049	82	
	9:20	10/18/2007	7.5	16.8	3.6	72.1	1768	138	
	8:25	10/25/2007	6.5	16.6	4.2	72.7	997	78	
	8:40	11/1/2007	7.5	16.8	4.3	71.4	957	75	
	9:45	11/13/2007	11.5	16.2	5.5	66.8	1272	99	
	10:55	11/26/2007	7.0	14.4	6.4	72.2	1154	90	
	10:20	12/10/2007	7.0	14.6	6.8	71.6	1008	79	
	11:05	12/26/2007	7.5	14.4	6.4	71.7	1279	100	
	9:30	1/9/2008	8.5	14.6	6.6	70.3	684	53	
	11:50	1/23/2008	7.5	14.4	7.3	70.8	782	61	
	8:40	2/4/2008	10.0	15.6	6.1	68.3	652	51	
	7:10	2/18/2008	12.5	15.4	6.8	65.3	1033	81	
	7:40	3/4/2008	17.5	17.8	7.5	57.2	768	60	
	8:15	3/18/2008	20.0	17.6	6.2	56.2	980	77	
	13:35	5/12/2008	20.0	19.6	4.5	55.9	1081	84	
	8:45	5/19/2008	11.5	16.6	5.6	66.3	1503	117	
	13:10	5/30/2008	10.0	16.2	5.1	68.7	1773	139	
	8:25	6/12/2008	9.5	17.4	5.2	67.9	802	63	
	8:35	6/25/2008	14.5	19.8	4.3	61.4	1419	111	
	10:35	7/7/2008	10.5	17.0	4.9	67.6	1514	118	opened GV-6 to 200 ft/min
	12:15	7/21/2008	10.5	19.0	4.1	66.4	659	51	
	10:00	8/5/2008	12.5	19.2	4.2	64.1	1057	83	
	9:15	8/13/2008	13.5	19.6	4.3	62.6	425	33	increase to 12 on 12 off
	8:55	8/19/2008	9.5	18.4	4.6	67.5	260	20	
	14:25	9/2/2008	11.5	18.4	4.4	65.7	1185	58	
	12:12	10/3/2008	12.5	19.0	4.8	63.7			
	10:15	10/13/2008	13.0	19.0	4.9	63.1	413	20	
	9:25	10/28/2008	13.5	19.6	5.4	61.5	390	19	
	7:50	11/6/2008	13.5	19.2	5.1	62.2	1171	57	

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
Monitoring Points									
GP-1	11:03	3/20/2006	**18.8**	8.1	0.4	72.7			pre-startup
	15:25	3/22/2006	**17.9**	8.0	0.4	73.7			
	14:10	3/23/2006	**21.4**	11.5	0.2	66.9			
	14:00	3/30/2006	0.8	2.4	15.0	81.8			
	13:45	4/6/2006	0.6	1.5	16.8	81.1			
	13:40	4/11/2006	1.2	0.8	19.3	78.7			
	11:33	4/14/2006	0.0	1.9	14.7	83.4			
	10:28	4/17/2006	3.8	4.8	16.8	74.6			
	7:15	4/28/2006	2.5	3.2	18.1	76.2			
	13:30	5/4/2006	0.0	3.4	13.9	82.7			
	10:45	5/22/2006	0.1	1.2	19.3	79.4			
	12:23	6/2/2006	0.1	3.5	12.1	84.3			
	8:02	6/9/2006	2.6	2.0	19.8	75.6			
	12:49	6/14/2006	1.1	3.9	15.4	79.6			
	11:10	6/22/2006	0.7	1.0	18.1	80.2			
	11:47	7/5/2006	0.6	2.4	14.9	82.1			
	11:15	7/10/2006	0.7	4.5	14.1	80.7			
	10:35	7/17/2006	0.8	2.9	15.8	80.5			
	13:42	7/28/2006	2.0	1.7	12.2	84.1			
	10:19	8/8/2006	4.4	8.5	12.9	74.2			
	8:20	8/16/2006	1.4	3.6	15.5	79.5			
	8:05	8/21/2006	0.5	0.6	13.0	85.9			
	13:52	8/28/2006	3.4	7.6	11.2	77.8			
	11:09	9/13/2006	4.6	0.1	12.5	82.8			
	10:28	9/25/2006	0.0	0.0	10.7	89.3			
	8:05	10/10/2006	0.7	2.3	17.6	79.4			
	8:07	10/23/2006	0.7	2.7	19.0	77.6			
	14:35	11/2/2006	0.3	2.6	17.6	79.5			
	13:35	11/14/2006	0.2	2.6	15.9	81.3			
	11:08	11/27/2006	0.2	0.4	19.3	80.2			
	12:20	12/26/2006	0.1	3.6	12.3	84.1			
	13:13	1/27/2007	0.5	2.8	14.6	82.2			
	10:50	2/24/2007	0.4	0.0	20.4	79.3			
	17:29	3/28/2007	0.3	2.4	14.6	82.8			
	10:25	5/1/2007	0.2	2.2	12.6	85.1			
	10:27	5/1/2007	0.1	1.2	16.1	82.6			
	12:00	5/30/2007	2.0	7.2	7.1	83.7			
	16:35	6/6/2007	**11.0**	10.6	0.8	77.6			
	14:48	6/7/2007	**6.0**	7.6	5.7	80.7			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-1	16:59	6/12/2007	1.1	6.0	9.4	83.5			
	14:25	6/14/2007	**7.0**	10.4	2.1	80.5			
	14:15	6/19/2007	3.5	6.6	9.7	80.3			
	14:10	6/21/2007	0.4	6.0	10.1	83.5			
	14:00	7/11/2007	4.0	8.4	8.3	79.3			
	14:35	7/23/2007	**8.5**	13.8	2.0	75.7			
	14:25	8/8/2007	**9.5**	14.8	2.4	73.3			
	11:45	8/13/2007	**6.5**	12.4	5.6	75.5			
	13:30	8/20/2007	**5.5**	10.8	9.2	74.5			
	13:55	8/28/2007	**12.0**	15.8	2.2	70.0			
	15:40	8/31/2007	**9.5**	14.0	4.2	72.3			
	14:35	9/4/2007	**8.0**	13.6	4.4	74.0			
	13:05	9/17/2007	0.2	6.0	12.0	81.8			
	9:25	9/29/2007	0.2	4.6	13.9	81.4			
	8:25	10/4/2007	0.4	2.8	17.1	79.7			
	9:25	10/7/2007	0.6	3.4	15.3	80.7			
	10:15	10/18/2007	**6.5**	12.2	4.2	77.1			
	8:45	10/25/2007	0.1	3.6	15.5	80.8			
	9:00	11/1/2007	0.1	5.4	13.8	80.7			
	9:40	11/13/2007	0.2	3.8	13.7	82.4			
	11:10	11/26/2007	0.3	1.2	19.3	79.3			
	10:40	12/10/2007	0.4	1.2	19.4	79.0			
	11:25	12/26/2007	0.3	1.4	18.6	79.8			
	13:00	1/23/2008	0.3	2.8	13.9	83.0			
	9:55	1/9/2008	0.4	1.0	17.7	81.0			
	13:00	1/23/2008	0.3	2.8	13.9	83.0			
	9:00	2/4/2008	0.1	2.2	14.6	83.1			
	7:30	2/18/2008	0.2	2.0	14.8	83.0			
	7:10	3/4/2008	0.1	1.2	19.1	79.6			
	8:05	3/18/2008	0.1	0.4	19.5	80.0			
	14:00	5/12/2008	0.0	4.8	3.5	91.7			
	8:55	5/19/2008	0.1	5.8	4.5	89.7			
	13:30	5/30/2008	**7.0**	7.8	0.8	84.4			
	8:55	6/12/2008	0.0	2.2	17.0	80.8			
	8:55	6/25/2008	**10.5**	10.0	0.0	79.5			
	10:55	7/7/2008	**8.5**	11.0	0.0	80.5			opened GV-6 to 200 ft/min
	11:50	7/21/2008	**13.5**	11.8	0.0	74.7			
	9:37	8/5/2008	**26.5**	13.4	0.0	60.1			
	10:40	8/5/2008	**18.0**	11.6	2.1	68.3			vent for 1 hour with cap off
	8:55	8/13/2008	**22.5**	14.4	0.0	63.1			increase to 12 on 12 off
	9:55	8/13/2008	**17.5**	11.4	3.1	68.0			vent for 1 hour with cap off
	8:35	8/19/2008	**7.0**	12.6	3.4	77.0			
	10:00	8/19/2008	**6.0**	14.0	1.3	78.7			vent for 1 hour with cap off
	11:58	10/3/2008	4.2	7.0	11.6	77.3			
	11:12	10/13/2008	1.8	4.4	14.2	79.6			
	9:00	10/28/2008	0.0	4.6	13.6	81.8			
	7:20	11/6/2008	0.4	3.4	15.1	81.1			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-2	9:00	3/22/2006	**29.5**	27.8	0.5	42.2			pre-startup
	14:40	3/23/2006	**29.1**	24.5	0.8	45.6			
	14:20	3/30/2006	**11.5**	13.1	10.7	64.7			
	14:05	4/6/2006	**10.3**	12.6	10.2	66.9			
	14:15	4/11/2006	**5.4**	5.7	15.3	73.6			
	11:56	4/14/2006	**6.8**	12.1	8.7	72.4			
	11:00	4/17/2006	0.0	0.0	20.7	79.3			
	9:55	4/28/2006	0.0	0.1	20.7	79.2			
	14:15	5/4/2006	1.5	18.9	3.0	76.6			
	11:15	5/22/2006	0.0	0.0	20.5	79.5			
	12:49	6/2/2006	1.0	0.1	19.7	79.2			
	9:00	6/9/2006	1.9	0.5	20.4	77.2			
	13:20	6/14/2006	4.8	1.0	20.1	74.1			
	10:00	6/22/2006	0.6	0.2	20.4	78.8			
	12:34	7/5/2006	0.7	1.5	19.9	77.9			
	11:48	7/10/2006	0.7	0.8	19.6	78.9			
	11:15	7/17/2006	0.7	1.2	18.8	79.3			
	13:05	7/28/2006	0.5	0.7	19.1	79.7			
	10:50	8/8/2006	0.6	0.2	19.6	79.6			
	7:53	8/16/2006	0.1	0.0	19.9	80.0			
	7:40	8/21/2006	0.5	0.1	20.4	79.0			
	13:40	8/28/2006	0.0	0.0	20.2	79.8			
	10:50	9/13/2006	0.1	0.1	20.2	79.6			
	10:10	9/25/2006	0.6	9.5	13.7	76.2			
	7:45	10/10/2006	0.7	1.8	19.8	77.7			
	7:46	10/23/2006	0.7	3.9	18.0	77.4			
	13:24	11/2/2006	0.5	0.3	17.6	81.6			
	12:38	11/14/2006	0.1	5.2	15.7	79.1			
	10:51	11/27/2006	0.1	0.6	20.0	79.3			
	13:55	12/26/2006	0.3	6.2	14.5	79.1			
	12:25	1/27/2007	0.3	1.6	19.1	79.1			
	12:15	2/24/2007	0.3	3.6	16.5	79.7			
	16:05	3/28/2007	0.2	2.4	18.0	79.5			
	11:07	5/1/2007	0.0	3.8	15.2	81.0			
	12:17	5/30/2007	0.0	1.2	18.5	80.3			
	13:20	6/19/2007	0.1	7.6	11.5	80.9			
	11:20	8/13/2007	0.0	0.4	20.5	79.1			
	10:54	10/18/2007	0.1	1.0	18.8	80.1			
	13:10	1/23/2008	0.4	1.2	20.2	78.2			
	7:45	6/12/2008	0.0	2.2	18.6	79.2			
	11:05	7/21/2008	0.0	0.6	20.4	79.0			
	12:34	10/3/2008	0.0	0.6	20.9	78.5			
	11:40	10/13/2008	0.0	0.4	20.9	78.7			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-3	7:49	3/22/2006	1.4	1.9	19.9	76.8			pre-startup
	12:57	3/23/2006	0.6	1.2	19.3	78.9			
	15:20	3/23/2006	2.2	4.5	16.4	76.9			
	14:35	3/30/2006	2.1	7.6	11.5	78.8			
	14:30	4/6/2006	1.6	11.8	7.2	79.4			
	14:40	4/11/2006	0.4	4.0	15.6	80.0			
	12:11	4/14/2006	0.0	1.5	18.1	80.4			
	11:20	4/17/2006	1.4	0.2	20.7	77.7			
	10:50	4/28/2006	0.4	0.1	20.7	78.8			
	15:00	5/4/2006	0.0	0.0	20.4	79.6			
	11:38	5/22/2006	0.2	0.0	2.5	97.3			
	13:18	6/2/2006	0.2	0.0	20.2	79.6			
	9:09	6/9/2006	0.8	0.1	20.5	78.6			
	13:45	6/14/2006	1.1	0.1	20.4	78.4			
	11:25	6/22/2006	0.7	0.0	20.1	79.2			
	11:19	7/5/2006	0.6	0.0	20.0	79.4			
	10:37	7/10/2006	0.6	0.0	19.6	79.8			
	0:57	7/17/2006	0.1	0.0	19.0	80.9			
	12:25	7/28/2006	0.6	0.0	19.7	79.7			
	11:32	8/8/2006	0.6	0.0	19.6	79.8			
	7:35	8/16/2006	0.5	0.0	20.0	79.5			
	7:24	8/21/2006	0.0	0.0	20.3	79.7			
	13:26	8/28/2006	0.1	0.0	19.9	80.0			
	10:31	9/13/2006	0.0	0.3	20.3	79.4			
	9:56	9/25/2006	0.6	3.0	17.6	78.8			
	7:20	10/10/2006	0.5	0.9	19.8	78.8			
	7:36	10/23/2006	0.1	0.0	20.6	79.3			
	13:10	11/2/2006	0.5	0.4	20.8	78.3			
	13:00	11/14/2006	0.1	4.2	16.1	79.6			
	10:39	11/27/2006	0.1	0.4	19.4	80.2			
	13:58	12/26/2006	0.3	0.2	20.0	79.6			
	12:00	1/27/2007	0.1	0.0	19.6	80.4			
	12:30	2/24/2007	0.3	4.6	14.7	80.4			
	15:32	3/28/2007	0.1	0.0	19.9	80.0			
	10:57	5/1/2007	0.1	2.6	16.5	80.8			
	12:33	5/30/2007	0.0	0.4	18.9	80.7			
	13:30	6/19/2007	0.0	0.0	20.9	79.1			
	11:00	8/13/2007	0.0	0.0	20.9	79.1			
	10:00	10/18/2007	0.1	4.0	15.7	80.2			
	13:55	1/23/2008	0.4	0.8	20.6	78.3			
	7:05	6/12/2008	0.0	0.0	20.9	79.1			
	10:30	7/21/2008	0.0	0.0	20.9	79.1			
	12:16	10/3/2008	0.0	0.0	20.9	79.1			
	10:00	10/13/2008	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	3/22/2006	0.0	1.4	20.4	78.2			pre-startup
	15:35	3/23/2006	0.0	0.8	19.8	79.4			
	15:40	3/30/2006	0.5	0.8	21.8	76.9			
	14:40	4/6/2006	0.8	1.3	18.9	79.0			
	14:35	4/11/2006	0.2	0.9	19.2	79.7			
	12:18	4/14/2006	0.0	1.3	18.1	80.6			
	11:35	4/17/2006	1.3	0.8	20.4	77.5			
	10:40	4/28/2006	0.0	0.5	20.2	79.3			
	15:10	5/4/2006	1.3	0.6	13.2	84.9			
	11:50	5/22/2006	0.1	0.2	20.4	79.3			
	13:10	6/2/2006	0.2	0.8	19.1	79.9			
	9:12	6/9/2006	3.4	1.2	20.2	75.2			
	14:00	6/14/2006	0.0	0.0	19.9	80.1			
	10:39	6/22/2006	6.0	18.8	6.4	68.8			
	11:26	7/5/2006	0.6	0.6	20.0	78.8			
	10:43	7/10/2006	0.4	3.8	19.9	75.9			
	10:08	7/17/2006	0.9	0.6	19.6	78.9			
	12:34	7/28/2006	0.6	0.4	19.6	79.4			
	9:21	8/8/2006	0.6	0.3	19.7	79.4			
	7:42	8/16/2006	0.5	0.7	19.9	78.9			
	7:28	8/21/2006	0.4	0.5	20.0	79.1			
	13:31	8/28/2006	0.5	0.5	20.1	78.9			
	10:35	9/13/2006	0.7	0.6	20.2	78.5			
	9:59	9/25/2006	0.1	0.2	19.1	80.6			
	7:24	10/10/2006	0.6	0.5	20.3	78.6			
	7:40	10/23/2006	0.4	0.0	20.4	79.2			
	13:17	11/2/2006	0.5	0.2	21.0	78.3			
	13:11	11/14/2006	0.2	1.4	19.0	79.5			
	10:42	11/27/2006	0.1	0.6	19.7	79.7			
	14:04	12/26/2006	0.3	0.8	19.6	79.4			
	12:09	1/27/2007	0.1	0.4	19.6	79.9			
	12:38	2/24/2007	0.4	1.0	19.4	79.3			
	15:40	3/28/2007	0.1	0.2	19.8	79.9			
	10:50	5/1/2007	0.0	1.2	18.2	80.6			
	12:37	5/30/2007	0.0	1.8	17.5	80.7			
	13:40	6/19/2007	0.0	0.8	20.0	79.2			
	11:05	8/13/2007	0.0	0.6	20.6	78.8			
	10:10	10/18/2007	0.1	1.2	17.9	80.8			
	13:25	1/23/2008	0.3	0.4	20.9	78.4			
	7:25	6/12/2008	0.0	0.2	20.9	78.9			
	10:45	7/21/2008	0.0	1.2	19.2	79.6			
	11:18	10/3/2008	0.0	0.0	20.9	79.1			
	10:05	10/13/2008	0.0	1.2	19.7	79.1			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-5	9:13	3/22/2006	0.0	4.4	17.6	78.0			pre-startup
	14:15	3/23/2006	0.0	4.2	17.6	78.2			
	14:05	3/30/2006	1.2	2.5	18.8	77.5			
	13:40	4/6/2006	1.1	3.0	17.9	78.0			
	13:45	4/11/2006	0.7	2.7	17.5	79.1			
	12:50	4/14/2006	0.1	3.5	15.4	81.0			
	10:30	4/17/2006	0.0	3.6	16.2	80.2			
	10:35	4/28/2006	2.2	7.0	13.0	77.8			
	10:40	5/22/2006	1.5	8.5	11.2	78.8			
	12:25	6/2/2006	0.1	7.2	9.4	83.3			
	8:45	6/9/2006	0.1	0.3	10.5	89.1			
	12:18	6/14/2006	0.1	0.0	9.1	90.8			
	11:18	6/22/2006	0.7	10.7	10.5	78.1			
	11:51	7/5/2006	0.6	11.9	11.1	76.4			
	11:17	7/10/2006	0.7	12.0	10.1	77.2			
	10:22	7/17/2006	0.8	11.9	11.1	76.2			
	8:24	7/28/2006	0.6	10.1	11.5	77.8			
	10:16	8/8/2006	0.6	11.8	10.1	77.5			
	8:35	8/16/2006	0.8	10.0	10.5	78.7			
	8:02	8/21/2006	0.5	0.8	10.9	87.8			
	13:54	8/28/2006	0.6	11.3	13.3	74.8			
	11:07	9/13/2006	0.1	0.0	13.4	86.5			
	10:26	9/25/2006	0.0	0.0	13.4	86.6			
	8:52	10/10/2006	0.7	8.9	14.4	76.0			
	8:00	10/23/2006	0.3	1.4	15.5	82.8			
	14:37	11/2/2006	0.3	7.2	14.0	78.5			
	13:25	11/14/2006	0.2	6.0	14.9	78.9			
	11:10	11/27/2006	0.2	5.2	15.7	79.0			
	12:35	12/26/2006	0.1	4.8	15.7	79.5			
	13:09	1/27/2007	0.4	5.4	15.8	78.4			
	10:55	2/24/2007	0.4	4.2	17.3	78.2			
	17:30	3/28/2007	0.3	3.4	16.6	79.8			
	10:22	5/1/2007	0.1	3.4	14.0	82.5			
	12:40	5/30/2007	0.0	6.4	9.9	83.7			
	16:25	6/19/2007	0.0	7.4	12.1	80.5			
	11:39	8/13/2007	0.0	8.4	11.8	79.8			
	10:20	10/18/2007	0.1	9.6	9.4	80.9			
	13:12	1/23/2008	0.3	5.6	15.7	78.4			
	9:00	6/12/2008	0.0	6.0	9.7	84.3			
	12:05	7/21/2008	0.0	10.6	7.7	81.7			
	11:55	10/3/2008	0.0	8.2	12.7	79.1			
	11:08	10/13/2008	0.0	6.6	14.1	79.3			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-6	7:45	3/22/2006	0.0	6.1	13.9	80.0			pre-startup
	15:55	3/23/2006	0.0	4.9	16.3	78.8			
	15:15	3/30/2006	0.0	1.7	18.3	80.0			
	14:25	4/6/2006	0.0	2.8	16.9	80.3			
	14:30	4/11/2006	0.7	2.8	17.3	79.2			
	12:04	4/14/2006	0.0	3.8	14.6	81.6			
	11:15	4/17/2006	10.4	2.3	17.6	69.7			
	10:30	4/28/2006	0.0	2.5	18.3	79.2			
	14:30	5/4/2006	0.0	2.7	17.9	79.4			
	11:30	5/22/2006	3.8	3.9	18.1	74.2			
	13:04	6/2/2006	0.2	2.4	17.2	80.2			
	9:25	6/9/2006	0.1	0.8	17.7	81.4			
	14:10	6/14/2006	1.3	3.3	16.8	78.6			
	9:50	6/22/2006	0.5	3.1	17.3	79.1			
	11:13	7/5/2006	0.5	3.6	17.1	78.8			
	10:34	7/10/2006	0.6	3.9	16.7	78.8			
	9:58	7/17/2006	0.1	0.6	16.8	82.5			
	12:10	7/28/2006	0.6	3.6	16.5	79.3			
	9:05	8/8/2006	0.6	3.5	17.0	78.9			
	7:29	8/16/2006	0.1	0.0	17.2	82.7			
	7:18	8/21/2006	0.5	3.6	18.1	77.8			
	13:21	8/28/2006	0.0	0.0	18.1	81.9			
	10:20	9/13/2006	0.6	1.0	19.1	79.3			
	11:05	9/25/2006	0.7	2.6	18.5	78.2			
	7:30	10/10/2006	0.8	2.3	19.7	77.2			
	7:34	10/23/2006	0.9	2.4	14.4	82.3			
	13:05	11/2/2006	2.4	0.8	19.7	77.1			
	13:14	11/14/2006	0.2	3.0	17.9	78.9			
	10:35	11/27/2006	0.1	0.6	19.6	79.8			
	14:20	12/26/2006	0.3	3.0	18.0	78.7			
	13:45	1/27/2007	0.2	3.4	17.0	79.5			
	12:45	2/24/2007	0.4	3.0	18.1	78.5			
	16:00	3/28/2007	0.2	2.4	18.0	79.5			
	10:45	5/1/2007	0.1	3.0	16.4	80.5			
	12:23	5/30/2007	0.0	3.2	15.8	81.0			
	16:15	6/19/2007	0.0	2.4	17.8	79.8			
	10:54	8/13/2007	0.1	2.6	18.5	78.9			
	11:14	10/18/2007	0.1	3.4	16.4	80.1			
	11:28	1/23/2008	0.0	3.0	18.0	79.0			
	6:55	6/12/2008	0.0	2.6	17.8	79.6			
	11:00	7/21/2008	0.0	3.0	15.5	81.5			
	12:53	10/3/2008	0.0	3.8	17.7	78.5			
	9:55	10/13/2008	0.0	3.4	18.2	78.4			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-7	7:40	3/22/2006	1.0	7.0	13.0	79.0			pre-startup
	15:50	3/23/2006	0.1	5.0	14.7	80.2			
	15:00	3/30/2006	7.1	4.6	18.2	70.1			
	14:20	4/6/2006	0.1	2.3	17.0	80.6			
	14:25	4/11/2006	0.2	3.2	16.3	80.3			
	12:07	4/14/2006	0.1	5.2	11.8	82.9			
	10:15	4/17/2006	10.5	1.3	18.5	69.7			
	10:25	4/28/2006	0.0	1.7	19.2	79.1			
	14:25	5/4/2006	1.2	2.2	18.8	77.8			
	11:22	5/22/2006	0.0	1.0	19.5	79.5			
	13:00	6/2/2006	0.2	1.6	18.5	79.7			
	9:20	6/9/2006	3.7	2.4	20.0	73.9			
	14:05	6/14/2006	3.1	2.5	19.2	75.2			
	9:45	6/22/2006	0.5	1.7	19.1	78.7			
	11:10	7/5/2006	0.5	1.5	19.3	78.7			
	10:30	7/10/2006	0.0	0.0	18.6	81.4			
	9:55	7/17/2006	0.1	0.0	18.5	81.4			
	12:05	7/28/2006	0.0	3.7	18.5	77.8			
	9:00	8/8/2006	0.6	1.3	19.0	79.1			
	7:25	8/16/2006	0.5	1.5	19.2	78.8			
	7:16	8/21/2006	0.5	1.4	19.8	78.3			
	13:19	8/28/2006	0.4	1.2	19.5	78.9			
	10:19	9/13/2006	0.6	1.3	19.9	78.2			
	11:03	9/25/2006	1.8	2.2	17.7	78.3			
	7:28	10/10/2006	0.7	1.4	19.5	78.4			
	7:32	10/23/2006	3.0	2.8	19.0	75.2			
	13:00	11/2/2006	0.5	1.6	19.8	78.1			
	13:18	11/14/2006	0.2	3.2	17.2	79.4			
	10:30	11/27/2006	0.0	1.2	19.0	79.8			
	14:15	12/26/2006	0.3	2.6	18.0	79.1			
	13:40	1/27/2007	0.1	3.4	16.7	79.9			
	12:40	2/24/2007	0.4	3.2	17.2	79.2			
	15:55	3/28/2007	0.1	1.2	18.9	79.8			
	10:43	5/1/2007	0.1	3.6	15.1	81.2			
	12:26	5/30/2007	0.0	3.6	15.6	80.8			
	16:20	6/19/2007	0.0	2.6	17.5	79.9			
	10:50	8/13/2007	0.1	1.4	19.3	79.3			
	11:10	10/18/2007	0.1	3.6	15.5	80.8			
	11:24	1/23/2008	0.0	3.2	17.6	79.2			
	10:48	6/12/2008	0.0	1.4	18.4	80.2			
	10:55	7/21/2008	0.0	2.6	17.3	80.1			
	12:50	10/3/2008	0.0	1.8	19.6	78.6			
	9:50	10/13/2008	0.1	1.6	19.4	79.0			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-8	9:03	3/22/2006	0.0	2.4	18.6	79.0			pre-startup
	14:50	3/23/2006	0.0	1.9	18.6	79.5			
	14:55	3/30/2006	3.0	7.2	14.8	75.0			
	14:10	4/6/2006	0.0	7.0	10.9	82.1			
	14:20	4/11/2006	0.0	4.8	13.6	81.6			
	12:25	4/14/2006	0.0	5.4	12.2	82.4			
	11:10	4/17/2006	0.0	0.1	20.7	79.2			
	10:00	4/28/2006	0.0	0.2	20.4	79.4			
	14:20	5/4/2006	0.0	0.2	19.3	80.5			
	11:18	5/22/2006	0.6	0.1	20.4	78.9			
	12:55	6/2/2006	0.2	0.7	19.3	79.8			
	9:03	6/9/2006	2.4	0.6	20.3	76.7			
	13:37	6/14/2006	4.0	1.6	19.6	74.8			
	9:55	6/22/2006	0.5	0.5	19.8	79.2			
	12:27	7/5/2006	1.6	0.9	19.6	77.9			
	11:45	7/10/2006	0.7	1.2	19.2	78.9			
	11:10	7/17/2006	0.6	2.3	17.7	79.4			
	12:45	7/28/2006	0.6	0.8	19.0	79.6			
	10:58	8/8/2006	17.8	1.3	19.1	61.8			
	7:47	8/16/2006	0.1	0.2	19.5	80.2			
	7:33	8/21/2006	0.8	1.3	19.6	78.3			
	13:35	8/28/2006	0.0	0.0	19.1	80.9			
	10:47	9/13/2006	0.0	0.0	20.1	79.9			
	10:06	9/25/2006	0.0	0.0	17.5	82.5			
	7:26	10/10/2006	0.1	0.0	19.3	80.6			
	7:44	10/23/2006	0.7	1.4	19.6	78.3			
	13:20	11/2/2006	3.7	0.3	20.5	75.5			
	13:04	11/14/2006	0.1	4.2	15.1	80.6			
	10:45	11/27/2006	0.1	0.6	19.4	79.9			
	14:09	12/26/2006	0.3	0.8	19.2	79.7			
	12:15	1/27/2007	0.2	0.0	19.7	80.1			
	12:20	2/24/2007	0.3	5.2	12.8	81.8			
	15:47	3/28/2007	0.1	0.6	19.6	79.7			
	11:00	5/1/2007	0.0	8.5	7.6	83.9			
	12:20	5/30/2007	0.0	3.4	15.2	81.4			
	13:25	6/19/2007	0.0	0.6	20.2	79.2			
	11:10	8/13/2007	0.0	1.0	19.8	79.2			
	11:05	10/18/2007	0.1	6.0	11.5	82.4			
	11:38	1/23/2008	0.1	1.0	19.2	79.8			
	7:35	6/12/2008	0.0	0.6	20.7	78.7			
	10:50	7/21/2008	0.0	1.0	19.3	79.7			
	12:45	10/3/2008	0.0	0.4	20.9	78.7			
	10:10	10/13/08	0.0	1.4	19.4	79.2			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-10	8:58	3/22/2006	0.0	4.5	15.4	80.1			pre-startup
	14:42	3/23/2006	0.0	4.3	15.5	80.2			
	14:50	3/30/2006	0.0	1.6	18.7	79.7			
	14:15	4/6/2006	0.0	2.3	17.1	80.6			
	13:55	4/11/2006	0.0	1.5	18.3	80.2			
	11:54	4/14/2006	0.0	1.9	17.4	80.7			
	10:50	4/17/2006	0.0	3.0	16.5	80.5			
	9:50	4/28/2006	0.0	3.6	15.0	81.4			
	14:00	5/4/2006	0.0	3.4	15.4	81.2			
	11:04	5/22/2006	0.0	1.3	19.0	79.7			
	12:45	6/2/2006	0.1	1.8	17.6	80.5			
	8:55	6/9/2006	0.7	0.9	19.6	78.8			
	13:15	6/14/2006	0.0	0.0	17.7	82.3			
	10:05	6/22/2006	0.6	0.8	19.9	78.7			
	12:38	7/5/2006	0.6	5.3	14.9	79.2			
	11:50	7/10/2006	0.6	5.5	14.6	79.3			
	11:19	7/17/2006	0.6	1.4	19.4	78.6			
	13:09	7/28/2006	0.6	1.0	19.2	79.2			
	11:11	8/8/2006	0.6	4.7	14.7	80.0			
	7:58	8/16/2006	0.1	0.2	16.4	83.3			
	7:44	8/21/2006	0.4	3.5	17.3	78.8			
	13:42	8/28/2006	0.0	0.0	17.7	82.3			
	10:53	9/13/2006	0.6	2.4	18.6	78.4			
	10:12	9/25/2006	0.7	5.5	16.0	77.8			
	7:48	10/10/2006	0.7	5.3	19.2	74.8			
	7:48	10/23/2006	0.6	5.0	17.5	76.9			
	13:31	11/2/2006	0.6	4.3	17.3	77.8			
	12:35	11/14/2006	0.1	4.2	16.3	79.5			
	10:55	11/27/2006	0.1	4.0	16.8	79.1			
	13:50	12/26/2006	0.3	4.2	16.7	78.9			
	12:35	1/27/2007	0.3	4.0	17.2	78.5			
	12:10	2/24/2007	sampling port clogged with ice						
	16:10	3/28/2007	0.2	3.2	17.5	79.2			
	11:10	5/1/2007	0.0	3.8	15.7	80.5			
	12:15	5/30/2007	0.0	3.4	16.0	80.6			
	13:15	6/19/2007	0.1	1.8	18.7	79.5			
	11:24	8/13/2007	0.0	1.0	19.4	79.6			
	10:50	10/18/2007	0.1	2.4	16.9	80.6			
	14:20	1/23/2008	0.4	2.8	18.8	78.0			
	7:55	6/12/2008	0.0	4.0	16.0	80.0			
	11:15	7/21/2008	0.0	4.6	12.6	82.8			
	12:30	10/3/2008	0.0	5.0	16.4	78.6			
	11:50	10/13/2008	0.0	4.6	16.4	79.0			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-11	9:09	3/22/2006	0.0	3.5	17.6	78.9			pre-startup
	14:27	3/23/2006	0.0	3.4	17.6	79.0			
	14:40	3/30/2006	0.0	0.8	19.7	79.5			
	13:55	4/6/2006	0.0	1.7	18.0	80.3			
	14:00	4/11/2006	0.0	0.7	19.8	79.5			
	11:43	4/14/2006	0.0	0.5	18.9	80.6			
	10:55	4/17/2006	0.3	0.1	20.4	79.2			
	7:30	4/28/2006	0.0	0.7	20.2	79.1			
	14:05	5/4/2006	0.0	0.0	19.9	80.1			
	11:07	5/22/2006	2.6	0.3	20.4	76.7			
	12:34	6/2/2006	1.0	0.1	20.4	78.5			
	9:45	6/9/2006	4.9	0.6	20.2	74.3			
	13:23	6/14/2006	0.8	0.3	20.0	78.9			
	10:10	6/22/2006	0.6	0.0	20.4	79.0			
	12:41	7/5/2006	0.5	1.4	18.5	79.6			
	11:55	7/10/2006	0.6	2.5	18.6	78.3			
	11:21	7/17/2006	0.5	1.5	18.1	79.9			
	13:15	7/28/2006	0.1	0.2	18.2	81.5			
	10:36	8/8/2006	0.6	2.2	17.8	79.4			
	8:01	8/16/2006	0.1	0.0	17.9	82.0			
	7:46	8/21/2006	0.5	2.4	19.0	78.1			
	13:45	8/28/2006	0.6	2.6	18.6	78.2			
	10:55	9/13/2006	0.1	2.7	19.2	78.0			
	10:14	9/25/2006	0.7	2.1	19.0	78.2			
	8:00	10/10/2006	0.7	2.0	18.5	78.8			
	7:52	10/23/2006	0.7	1.0	20.6	77.7			
	13:34	11/2/2006	0.6	1.5	19.8	78.1			
	12:44	11/14/2006	0.1	2.0	18.4	79.6			
	10:58	11/27/2006	0.1	1.0	19.6	79.3			
	13:40	12/26/2006	0.3	2.0	18.4	79.4			
	12:41	1/27/2007	0.4	2.6	18.2	78.9			
	11:10	2/24/2007	0.4	2.6	18.1	78.9			
	16:14	3/28/2007	0.2	2.6	17.8	79.5			
	11:15	5/1/2007	0.0	3.4	15.9	80.7			
	12:06	5/30/2007	0.0	3.0	16.8	80.2			
	13:05	6/19/2007	0.1	2.8	18.3	78.8			
	11:27	8/13/2007	0.0	2.2	18.8	79.0			
	10:34	10/18/2007	0.1	2.8	17.0	80.1			
	12:10	1/23/2008	0.2	2.4	19.2	78.2			
	8:05	6/12/2008	0.0	2.6	18.0	79.4			
	11:20	7/21/2008	0.0	3.4	16.6	80.0			
	12:23	10/3/2008	0.0	2.0	19.4	78.6			
	12:00	10/13/2008	0.0	2.2	19.1	78.7			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
GP-12	9:06	3/22/2006	0.0	5.7	13.0	81.3			pre-startup
	14:22	3/23/2006	0.0	5.5	13.2	81.3			
	14:20	3/30/2006	0.0	2.6	17.7	79.7			
	13:50	4/6/2006	0.2	2.1	17.3	80.4			
	13:50	4/11/2006	0.0	2.5	17.1	80.4			
	11:40	4/14/2006	0.0	2.5	15.5	82.0			
	10:45	4/17/2006	1.4	3.7	18.4	76.5			
	12:20	4/28/2006	0.0	2.4	18.0	79.6			
	13:54	5/4/2006	0.0	0.0	17.3	82.7			
	11:00	5/22/2006	1.4	2.7	17.5	78.4			
	12:28	6/2/2006	0.1	1.8	17.4	80.7			
	8:50	6/9/2006	0.9	2.1	19.2	77.8			
	13:10	6/14/2006	0.1	0.0	17.5	82.4			
	10:20	6/22/2006	0.5	2.2	18.2	79.1			
	11:57	7/5/2006	0.6	2.2	18.2	79.0			
	11:22	7/10/2006	0.6	2.7	18.2	78.5			
	10:39	7/17/2006	0.7	2.6	17.5	79.2			
	13:28	7/28/2006	0.6	1.5	18.2	79.7			
	11:22	8/8/2006	0.6	2.6	17.5	79.3			
	8:58	8/16/2006	4.1	18.6	10.0	67.3			
	8:44	8/21/2006	0.6	3.2	18.5	77.7			
	14:26	8/28/2006	0.0	0.0	19.4	80.6			
	11:42	9/13/2006	0.1	0.9	17.9	81.1			
	11:40	9/25/2006	0.8	3.4	16.8	79.0			
	8:47	10/10/2006	0.7	3.8	17.6	77.9			
	8:50	10/23/2006	0.7	4.1	16.4	78.8			
	14:55	11/2/2006	3.9	14.0	7.7	74.5			
	15:30	11/14/2006	0.3	3.6	16.7	79.5			
	11:05	11/27/2006	0.2	2.4	18.0	79.5			
	13:35	12/26/2006	0.3	3.8	15.7	80.3			
	13:18	1/27/2007	0.4	3.8	15.7	80.1			
	12:00	2/24/2007	0.2	3.2	16.6	80.0			
	17:40	3/28/2007	0.2	3.4	16.4	80.0			
	10:30	5/1/2007	0.1	2.6	16.1	81.3			
	12:02	5/30/2007	0.0	2.8	16.0	81.2			
	16:30	6/19/2007	0.0	2.8	18.1	79.1			
	11:35	8/13/2007	0.0	2.6	18.3	79.1			
	10:26	10/18/2007	0.1	4.0	15.2	80.7			
	13:08	1/23/2008	0.3	7.2	12.2	80.3			
	9:10	6/12/2008	0.0	2.4	17.1	80.5			
	11:45	7/21/2008	0.0	2.6	17.0	80.4			
	12:00	10/3/2008	0.0	4.0	17.6	78.4			
	11:30	10/13/2008	0.0	3.0	18.0	79.0			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
MW-101	9:24	3/23/2006	2.9	18.1	0.8	78.2			pre-startup
	14:25	3/30/2006	1.0	8.0	10.9	80.1			
	14:00	4/6/2006	0.8	0.2	20.0	79.0			
	14:05	4/11/2006	0.0	0.0	20.3	79.7			
	11:50	4/14/2006	0.0	1.8	17.9	80.3			
	10:58	4/17/2006	2.0	0.3	20.5	77.2			
	7:35	4/28/2006	0.0	0.0	20.7	79.3			
	14:10	5/4/2006	0.0	0.0	20.2	79.8			
	11:10	5/22/2006	0.0	0.0	20.5	79.5			
	12:38	6/2/2006	0.2	0.0	20.4	79.4			
	9:50	6/9/2006	1.1	0.2	20.5	78.2			
	13:48	6/14/2006	4.1	0.3	20.4	75.2			
	10:15	6/22/2006	0.0	0.0	20.4	79.6			
	12:46	7/5/2006	0.6	20.0	20.0	59.4			
	12:00	7/10/2006	0.6	0.0	20.0	79.4			
	11:30	7/17/2006	0.0	0.0	19.8	80.2			
	13:20	7/28/2006	0.6	0.0	19.3	80.1			
	10:41	8/8/2006	0.8	0.0	19.8	79.4			
	8:05	8/16/2006	0.1	0.0	19.6	80.3			
	7:52	8/21/2006	0.9	0.1	20.4	78.6			
	13:47	8/28/2006	0.6	0.1	20.2	79.1			
	10:57	9/13/2006	0.6	0.2	19.8	79.4			
	10:16	9/25/2006	0.6	0.2	20.2	79.0			
	8:03	10/10/2006	0.7	0.2	20.5	78.6			
	7:55	10/23/2006	0.9	0.7	19.8	78.6			
	15:00	11/2/2006	0.3	0.0	20.8	78.9			
	12:48	11/14/2006	0.1	0.4	19.4	80.1			
	11:00	11/27/2006	0.1	0.2	20.0	79.7			
	13:45	12/26/2006	0.3	0.0	19.3	80.5			
	12:45	1/27/2007	0.4	0.6	20.0	79.1			
	11:14	2/24/2007	0.5	0.6	20.1	78.9			
	16:18	3/28/2007	0.2	0.2	20.1	79.5			
	11:19	5/1/2007	0.0	0.2	18.8	81.0			
	12:08	5/30/2007	0.0	0.2	18.9	80.9			
	13:10	6/19/2007	0.1	0.0	20.9	79.1			
	11:30	8/13/2007	0.0	0.0	20.9	79.1			
	10:37	10/18/2007	0.1	0.0	19.6	80.4			
	12:18	1/23/2008	0.2	5.8	14.4	79.6			
	14:45	5/12/2008	0.0	0.0	19.8	80.2			
	8:15	6/12/2008	0.0	0.0	20.9	79.1			
	11:30	7/21/2008	0.0	0.0	20.9	79.1			
	12:20	10/3/2008	0.0	0.4	20.9	78.7			
	12:05	10/13/2008	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	3/23/2006	0.0	0.7	20.5	78.8			pre-startup
	14:15	3/30/2006	1.0	0.5	20.6	77.9			
	13:35	4/6/2006	1.0	0.6	20.3	78.1			
	13:43	4/11/2006	0.5	0.3	19.7	79.5			
	11:50	4/14/2006	0.0	0.3	18.6	81.1			
	10:34	4/17/2006	0.8	0.7	20.1	78.4			
	14:00	4/28/2006	0.0	0.0	20.7	79.3			
	13:35	5/4/2006	0.0	0.2	20.5	79.3			
	10:42	5/22/2006	0.2	0.1	2.4	97.3			
	8:48	6/9/2006	0.0	0.0	19.8	80.2			
	12:20	6/14/2006	0.1	0.0	19.5	80.4			
	11:20	6/22/2006	0.7	0.1	19.9	79.3			
	11:53	7/5/2006	0.6	0.0	20.0	79.4			
	11:19	7/10/2006	0.6	4.7	15.1	79.6			
	10:20	7/17/2006	0.9	0.8	19.0	79.3			
	12:40	7/28/2006	0.6	0.6	18.6	80.2			
	10:13	8/8/2006	0.6	1.2	18.5	79.7			
	8:42	8/16/2006	0.1	0.0	17.7	82.2			
	8:00	8/21/2006	0.1	0.0	18.5	81.4			
	13:55	8/28/2006	0.6	1.8	18.8	78.8			
	11:05	9/13/2006	0.1	0.0	19.5	80.4			
	10:25	9/25/2006	0.1	0.0	19.2	80.7			
	8:44	10/10/2006	0.7	1.0	19.6	78.7			
	8:05	10/23/2006	0.8	0.4	19.6	79.2			
	14:42	11/2/2006	0.3	0.0	20.8	78.9			
	13:30	11/14/2006	0.2	0.2	20.0	79.6			
	11:12	11/27/2006	0.2	0.0	20.2	79.7			
	12:39	12/26/2006	0.1	0.0	20.0	79.9			
	13:10	1/27/2007	0.4	0.2	20.2	79.2			
	11:00	2/24/2007	0.4	0.2	20.6	78.9			
	17:35	3/28/2007	0.2	0.2	20.0	79.6			
	10:24	5/1/2007	0.0	1.4	17.0	81.6			
	11:57	5/30/2007	0.0	1.4	16.7	81.9			
	16:00	6/19/2007	0.0	0.0	20.6	79.4			
	11:42	8/13/2007	0.0	2.8	16.6	80.6			
	10:24	10/18/2007	0.1	4.2	15.0	80.7			
	14:05	1/23/2008	0.4	1.2	20.9	77.5			
	9:05	6/12/2008	0.0	0.6	18.9	80.5			
	12:10	7/21/2008	0.0	1.6	16.4	82.0			
	11:52	10/3/2008	0.0	3.6	16.8	79.6			
	11:03	10/13/2008	0.0	18.7	1.8	79.5			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
MW-103	7:49	3/23/2006	0.0	0.2	21.8	78.0			pre-startup
	15:30	3/30/2006	0.0	1.9	18.2	79.9			
	14:35	4/6/2006	0.4	8.0	9.4	82.2			
	14:40	4/11/2006	0.0	6.4	10.8	82.8			
	12:15	4/14/2006	0.0	3.2	15.6	81.2			
	11:30	4/17/2006	0.0	0.0	20.7	79.3			
	10:45	4/28/2006	0.0	0.0	20.5	79.5			
	15:05	5/4/2006	0.4	0.0	13.5	86.1			
	11:42	5/22/2006	0.2	0.0	20.6	79.2			
	13:14	6/2/2006	0.2	0.0	20.1	79.7			
	9:10	6/9/2006	1.1	0.1	20.5	78.3			
	13:30	6/14/2006	0.6	0.3	20.4	78.7			
	11:28	6/22/2006	0.7	0.0	20.2	79.1			
	11:27	7/5/2006	0.6	0.0	20.4	79.0			
	10:40	7/10/2006	0.0	0.0	19.9	80.1			
	10:06	7/17/2006	0.8	0.4	19.4	79.4			
	12:30	7/28/2006	0.6	0.0	19.9	79.5			
	9:17	8/8/2006	0.6	0.0	19.9	79.5			
	7:34	8/16/2006	0.1	0.0	19.9	80.0			
	7:25	8/21/2006	0.5	0.0	20.1	79.4			
	13:29	8/28/2006	0.1	0.0	20.3	79.6			
	10:34	9/13/2006	0.0	0.0	20.4	79.6			
	9:57	9/25/2006	0.0	0.1	19.3	80.6			
	7:22	10/10/2006	0.5	0.2	20.4	78.9			
	7:38	10/23/2006	0.6	0.0	20.8	78.6			
	13:14	11/2/2006	0.0	0.3	21.0	78.7			
	13:08	11/14/2006	0.2	9.2	11.2	79.5			
	10:40	11/27/2006	0.1	0.0	20.1	79.9			
	14:00	12/26/2006	0.3	0.2	20.1	79.5			
	12:05	1/27/2007	0.1	0.0	19.8	80.2			
	12:34	2/24/2007	0.4	4.2	16.3	79.2			
	15:35	3/28/2007	0.1	0.0	20.0	79.9			
	10:52	5/1/2007	0.1	0.8	18.7	80.4			
	12:40	5/30/2007	0.0	0.4	18.9	80.7			
	13:35	6/19/2007	0.0	0.0	20.9	79.1			
	11:05	8/13/2007	0.0	0.0	20.9	79.1			
	10:05	10/18/2007	0.1	1.2	18.5	80.2			
	13:45	1/23/2008	0.4	0.2	20.9	78.5			
	7:15	6/12/2008	0.0	0.4	20.9	78.7			
	10:40	7/21/2008	0.0	0.0	20.9	79.1			
	11:20	10/3/2008	0.0	0.0	20.9	79.1			
	10:05	10/13/2008	0.0	0.4	20.7	78.9			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
MW-104	9:29	3/23/2006	**12.8**	18.5	0.8	67.9			pre-startup
	15:45	3/30/2006	0.0	0.0	20.7	79.3			
	13:10	4/6/2006	**6.8**	8.9	10.5	73.8			
	14:50	4/11/2006	4.1	7.1	9.2	79.6			
	11:40	4/17/2006	2.0	0.3	21.0	76.7			
	14:10	4/28/2006	0.0	0.0	20.7	79.3			
	15:40	5/4/2006	0.0	0.0	8.1	91.9			
	10:27	5/22/2006	0.0	0.1	19.9	80.0			
	8:32	6/9/2006	0.0	0.0	19.6	80.4			
	12:45	6/14/2006	3.2	0.8	18.8	77.2			
	10:54	6/22/2006	0.8	0.1	19.7	79.4			
	12:19	7/5/2006	0.6	0.0	20.0	79.4			
	11:40	7/10/2006	0.7	0.6	19.8	78.9			
	11:05	7/17/2006	0.1	0.0	19.6	80.3			
	12:38	7/28/2006	0.6	0.0	19.8	79.6			
	9:49	8/8/2006	0.6	0.0	20.0	79.4			
	9:14	8/16/2006	0.7	0.2	19.4	79.7			
	8:30	8/21/2006	0.1	0.3	18.1	81.5			
	14:16	8/28/2006	0.0	0.0	17.6	82.4			
	11:29	9/13/2006	0.7	0.2	16.8	82.3			
	11:27	9/25/2006	0.0	0.2	19.5	80.3			
	8:27	10/10/2006	0.7	13.1	4.3	81.9			
	8:30	10/23/2006	0.7	0.3	16.7	82.3			
	14:14	11/2/2006	0.3	0.0	20.6	79.1			
	15:06	11/14/2006	0.2	0.6	19.4	79.8			
	12:04	11/27/2006	0.2	3.0	17.6	79.2			
	13:15	12/26/2006	0.2	0.0	20.0	79.9			
	14:16	1/27/2007	0.1	0.0	19.4	80.5			
	11:35	2/24/2007	0.5	12.8	5.6	81.1			
	16:55	3/28/2007	0.2	0.2	20.0	79.6			
	11:45	5/1/2007	0.0	0.0	18.9	81.1			
	11:48	5/30/2007	0.0	0.0	19.0	81.0			
	15:30	6/19/2007	0.0	0.0	20.9	79.1			
	12:05	8/13/2007	0.0	0.0	20.9	79.1			
	9:50	10/18/2007	0.1	0.0	19.6	80.3			
	13:20	1/23/2008	0.3	0.6	20.6	78.5			
	9:25	6/12/2008	0.0	0.0	20.9	79.1			
	12:30	7/21/2008	0.0	0.0	20.9	79.1			
	11:37	10/3/208	0.0	0.0	20.9	79.1			
	10:45	10/13/2008	0.0	0.2	20.9	78.9			

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
System Exhaust	2:00	3/28/2006	4.4	4.0	17.8	73.8			
	12:52	5/4/2006	8.6	14.7	7.4	69.3			
	11:15	6/28/2006	5.9	14.5	9.5	70.1			
	11:45	7/5/2006	6.1	18.7	7.2	68.0			
	11:12	7/10/2006	6.7	21.7	5.1	66.5			
	10:31	7/17/2006	6.2	18.6	6.5	68.7			
	14:24	7/28/2006	2.1	19.2	6.1	72.6			
	10:23	8/8/2006	5.9	18.0	6.8	69.3			
	8:30	8/16/2006	6.8	17.3	7.3	68.6			
	8:07	8/21/2006	6.9	18.0	7.6	67.5			
	14:00	8/28/2006	7.1	18.6	7.3	67.0			
	11:13	9/13/2006	15.2	20.0	8.1	56.7			
	11:37	9/25/2006	14.2	24.3	4.8	56.7			
	8:09	10/10/2006	7.4	19.2	8.2	65.2			
	8:13	10/23/2006	12.8	16.3	9.1	61.8			
	9:00	11/2/2006	5.0	14.0	8.2	72.8			
	13:43	11/14/2006	4.4	10.4	10.6	74.6			
	11:19	11/27/2006	3.8	10.2	10.8	75.2			
	12:31	12/26/2006	6.5	14.8	6.9	71.8			
	13:30	1/27/2007	8.0	15.8	6.4	69.8			
	10:45	2/24/2007	6.0	11.6	10.0	72.4			
	7:35	3/5/2007	0.1	0.2	19.8	79.9			
	8:20	3/24/2007	9.0	12.6	9.7	68.7			
	17:10	3/24/2007	8.5	12.6	9.4	69.5			
	17:25	3/26/2007	6.5	11.4	9.8	72.3			
	7:39	3/27/2007	6.5	11.2	10.2	72.1			
	17:25	3/28/2007	6.5	10	11.6	71.9			
	8:16	3/29/2007	5.5	8.8	12.3	73.4			
	17:15	3/29/2007	5	8.6	12.3	74.1			
	16:09	6/19/2007	12.5	18.2	4.6	64.7			
	11:55	8/13/2007	13.5	20.2	4.1	62.2			
	9:12	10/19/2007	7.5	16.2	5	71.3			
	12:50	1/23/2008	8.5	15.6	7.1	68.8			
	8:55	6/12/2008	8.0	15.2	7.3	69.5			
	12:03	7/21/2008	9.5	17.0	5.6	67.9			
	11:15	10/13/2008	6.5	9.8	12	71.7			

Table 6. Landfill Gas Analytical Results

Sampling Point ID	Date	Benzene	Chlorobenzene	Chloroethane	Chloromethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Dichlorotetrafluoroethane	Ethylbenzene	Methylene Chloride	1,1,2,2-Tetrachloroethane	Styrene	Tetrachloroethene	Total Hydrocarbons as gas	Toluene	1,1,1-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
GP-3	9/29/04	102.0		689.0				909.0			110.0	6,660.0	229.0	131.0									205.0					25,400.0	
	1/28/05			450.0				590.0				4,500.0								4,800								12,600.0	
	6/2/06											464.0			105.0					10,900	708.0							72.9	85.8
	11/2/06			5.9								28.7			19.0					1,360	122.0								50.1
	5/30/07	1.3	3.0				2.4	2.0				7.1			9.0				0.9	2,800	7.4		1.0			1.9	3.1		25.0
	8/9/07																			2,770									
	10/22/2007											135									33							24.4	
	1/23/2008							3.4				7.3											2.2						
	7/22/2008					1.6														66	0.7								
	10/7/2008							7.2				1.9		1.4		1.1		0.87		243	2.7								1.9
GV-6	7/28/2006	172.0	117.0	373				1,070.0	42.6			19.0		281	323.0					27,500	107.0	27.9		38				3,590.0	649.5
	11/2/2006	50.2	50.4	73.5				166.0	35.8					70.4	246.0					29,300	155.0					45	33.7	84.9	666.0
	2/23/2007							111.0	24.4					44.3			7.4			2,780	7.0	33.5		17.6					
	5/30/2007	32.0		190				160.0	21			19.0		120	73.0					17,400	56.0							150.0	151.0
	8/9/2007	75.8	127.0	255			27.6	119.0	35			22.4		72.5	543.0					57,300	84.6					98.9	88	54.5	1,123.0
	10/22/2007			32				82.0	68.9			33.9		23	16.3					3,320	41.1	29.9		42.3					29.0
	1/23/2008			87.6				375.0	64.8			16.0		69.5								40		41.4					
	7/22/2008	15.3	16.8	84.7				95.5	83.1					58.4	66.2		22.8			9,150		63.4							112.0
	10/7/2008			43				93.6						21.4						4,230									
LC-1	9/29/04			9.1				70.8						9.5															
	1/28/05							553.0				1,080.0		178						10,400								130.0	
	7/28/2006	117.0						71.6						168	149.0					23,600	118.0								563.0
	11/2/2006	92.6	16.4	54.3				62.4	27.7			1010		30.5	636.0				22.1	35,400	3,010.0		46.9			38.1	29.8		1,954.0
	2/23/2007	48.0						129.0						14.6	64.2		21			13,300	40.8								175.2
	5/30/2007	160.0		270				180.0	24						380.0	500				34,800	270.0					57	43		1,140.0
	8/9/2007	76.4	21.8	108				118.0	17.4					34.8	216.0	106				16,800	46.1					32.3	21		489.8
	10/22/2007	51.1	150	86.9				170.0	49.3					38	328.0	15.9				22,100	38.7					47.5	39.4		546.7
	1/23/2008																												
	7/22/2008	31.6	84.8	48.7				13.5	48.5			1.4		13.1	235.0		23		3.5	7,450		6.4	2.2	2.4	0.95	18	12.1		409.8
	10/7/2008	11.2		27.2				2.8	26.4			1.3				1.8				863	1.9	1.9	1.4	1.1					
LC-2	7/28/2006	447.0	404.0	265				1,060.0				3,850.0	48.7	408	2,790.0	88.6			81	98,200	8,920.0		238			191	143	166.0	13,006.0
	11/2/2006	221.0	96.9	216				1,130.0						263	378.0					47,000	43.2					79.4	56		8,532.0
	2/23/2007	186.0	182.0	148			36.2	309.0						176	449.0		194			73,800	83.7					173	157		7,088.5
	5/30/2007	1.2		4.4				7.7				1.8		7.4	1.2					290	3.3							2.4	2.7
	8/9/2007	24.9		75.9				75.6						40.6	17.3					3,580	25.9								38.0
	10/22/2007	236.0	112.0	344					14.3			16.4		90.5	335.0					22,000				14.8		38.2	27.3		1,744.1
	1/23/2008	282.0	54.7	426				956.0	19.1					274	200.0						80.0			82		77.7	24.1	18.4	1,549.9
	7/22/2008	354.0	114.0	535				840.0						286	400.0					29300	119.0								1,820.0
	10/7/2008	37.2		284				538.0						211		18.3				9,190									
LC-3	7/28/2006											516.0									1,070.0								1,340.0
	11/2/2006	1,110.0	95.4				33.4	740.0	98.5		254	5,840.0	228	115	526.0	1430		22.6	209	122,000	5,030.0		912	184		158	85.1	1600	3,310.0
	2/23/2007	434.0						2,810.0	81.6		166	43,400.0		231	185.0	1440	21.1		63.2	219,000	10,000.0		573 J	1210				11900	632.0
	5/30/2007	610.0	110				71	5,200.0	64		460	137,000.0		260	18,400.0	2700			260	560,000	146,000.0		3200	270		260	150	172000	47,400.0
	8/9/2007	28.8						258.0	58.6			4,960.0		25.9		197				4,630	328.0		64.1	19.3				4680	
	10/22/2007	162.0						447.0	21.6			38,300.0	91.3	66.4	179.0	1370			20.7	26,700	16,800.0		1770	45.4				10700	362.7
	1/23/2008	4.5						44.2	1		10.4	1,820.0		14.2		69.1					37.9		14.5	2.1				1220	
	7/22/2008	30.2	10.3	4.9			1.8	62.4	3.5	0.95	25	6,050.0	13.1	14.3	320.0	196		15.2	12.6	5,570	5,140.0		301	2.6		12.8	7.4	1920	931.0
	10/7/2008											1.3				2.1				94.1			2.1						

Values in ppbv (parts per billion by volume)
Analyzed using EPA Method TO-14A
P:\Ripon_Landfill\Reports & Corresp\Status Reports to WDNR\2008\Oct 2008\Table 6Gas VOCs.xls

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

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

October 22, 2008

Raelyn Sylvester
Pace Analytical Pittsburgh
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601

RE: Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Dear Raelyn Sylvester:
Enclosed are the analytical results for sample(s) received by the laboratory on October 07, 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: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Green Bay Certification IDs

Louisiana Certification #: 04169
Louisiana Certification #: 04168
Kentucky Certification #: 83
Kentucky Certification #: 82
Wisconsin DATCP Certification #: 105-444
Wisconsin DATCP Certification #: 105-444
Wisconsin Certification #: 405132750
Wisconsin Certification #: 405132750
South Carolina Certification #: 83006001
South Carolina Certification #: 83006001
Minnesota Certification #: 055-999-334
Minnesota Certification #: 055-999-334
North Carolina Certification #: 503
North Carolina Certification #: 503
North Dakota Certification #: R-200
North Dakota Certification #: R-150
New York Certification #: 11888
New York Certification #: 11887
Illinois Certification #: 200051
Illinois Certification #: 200050
Florida (NELAP) Certification #: E87951
Florida (NELAP) Certification #: E87948

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

SAMPLE SUMMARY

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Lab ID	Sample ID	Matrix	Date Collected	Date Received
409908001	MW-3A	Water	10/01/08 15:40	10/07/08 09:15
409908002	MW-3B	Water	10/01/08 15:15	10/07/08 09:15
409908003	P-102	Water	10/02/08 17:10	10/07/08 09:15
409908004	MW-103	Water	10/02/08 16:55	10/07/08 09:15
409908005	P-103	Water	10/02/08 13:10	10/07/08 09:15
409908006	P-103D	Water	10/02/08 12:45	10/07/08 09:15
409908007	MW-104	Water	10/01/08 18:10	10/07/08 09:15
409908008	P-106	Water	10/01/08 14:25	10/07/08 09:15
409908009	MW-107	Water	10/01/08 18:30	10/07/08 09:15
409908010	P-107	Water	10/01/08 17:05	10/07/08 09:15
409908011	P-107D	Water	10/01/08 17:55	10/07/08 09:15
409908012	MW-108	Water	10/02/08 16:00	10/07/08 09:15
409908013	P-111D	Water	10/02/08 10:30	10/07/08 09:15
409908014	MW-112	Water	10/02/08 16:45	10/07/08 09:15
409908015	P-113B	Water	10/01/08 16:18	10/07/08 09:15
409908016	P-114	Water	10/02/08 15:50	10/07/08 09:15
409908017	P-115	Water	10/02/08 14:55	10/07/08 09:15
409908018	P-116	Water	10/02/08 15:20	10/07/08 09:15
409908019	GAASTRA	Water	10/03/08 10:10	10/07/08 09:15
409908020	ROHDE	Water	10/03/08 10:45	10/07/08 09:15
409908021	TRIP BLANK	Water	10/03/08 10:45	10/07/08 09:15
409908022	PERRY/WATKINS	Water	10/03/08 09:55	10/07/08 09:15
409908023	MW-102	Water	10/02/08 16:30	10/07/08 09:15
409908024	P-103 DUP	Water	10/02/08 13:15	10/07/08 09:15
409908025	P-103D DUP	Water	10/02/08 12:50	10/07/08 09:15

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SAMPLE ANALYTE COUNT

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
409908001	MW-3A	EPA 8260	SMT	45	PASI-G
409908002	MW-3B	EPA 8260	SMT	45	PASI-G
409908003	P-102	EPA 8260	SMT	45	PASI-G
409908004	MW-103	EPA 8260	SMT	45	PASI-G
409908005	P-103	EPA 8260	SMT	45	PASI-G
409908006	P-103D	EPA 8260	SMT	45	PASI-G
409908007	MW-104	EPA 8260	SMT	45	PASI-G
409908008	P-106	EPA 8260	SMT	45	PASI-G
409908009	MW-107	EPA 8260	SMT	45	PASI-G
409908010	P-107	EPA 8260	SMT	45	PASI-G
409908011	P-107D	EPA 8260	SMT	45	PASI-G
409908012	MW-108	EPA 8260	SMT	45	PASI-G
409908013	P-111D	EPA 8260	SMT	45	PASI-G
409908014	MW-112	EPA 8260	SMT	45	PASI-G
409908015	P-113B	EPA 8260	SMT	45	PASI-G
409908016	P-114	EPA 8260	SMT	45	PASI-G
409908017	P-115	EPA 8260	SMT	45	PASI-G
409908018	P-116	EPA 8260	SMT	45	PASI-G
409908021	TRIP BLANK	EPA 8260	SMT	45	PASI-G
409908023	MW-102	EPA 8260	SMT	45	PASI-G
409908024	P-103 DUP	EPA 8260	SMT	45	PASI-G
409908025	P-103D DUP	EPA 8260	SMT	45	PASI-G

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: MW-3A **Lab ID: 409908001** Collected: 10/01/08 15:40 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 14:48	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 14:48	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 14:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 14:48	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 14:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 14:48	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 14:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 14:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 14:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 14:48	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 14:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 14:48	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 14:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 14:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 14:48	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 14:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 14:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 14:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 14:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 14:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 14:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 14:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 14:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 14:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 14:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 14:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 14:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 14:48	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 14:48	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 14:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 14:48	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 14:48	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 14:48	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 14:48	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 14:48	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 14:48	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 14:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 14:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 14:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 14:48	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 14:48	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 14:48	1330-20-7	
4-Bromofluorobenzene (S)	83	%	64-132		1		10/08/08 14:48	460-00-4	
Dibromofluoromethane (S)	88	%	68-122		1		10/08/08 14:48	1868-53-7	
Toluene-d8 (S)	89	%	73-127		1		10/08/08 14:48	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: MW-3B **Lab ID: 409908002** Collected: 10/01/08 15:15 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 15:11	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 15:11	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 15:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 15:11	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 15:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 15:11	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 15:11	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 15:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 15:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 15:11	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 15:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 15:11	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 15:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 15:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 15:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 15:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 15:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 15:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 15:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 15:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 15:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 15:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 15:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 15:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 15:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 15:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 15:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 15:11	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 15:11	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 15:11	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 15:11	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 15:11	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 15:11	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 15:11	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 15:11	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 15:11	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 15:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 15:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 15:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 15:11	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 15:11	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 15:11	1330-20-7	
4-Bromofluorobenzene (S)	83	%	64-132		1		10/08/08 15:11	460-00-4	
Dibromofluoromethane (S)	85	%	68-122		1		10/08/08 15:11	1868-53-7	
Toluene-d8 (S)	89	%	73-127		1		10/08/08 15:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-102 **Lab ID: 409908003** Collected: 10/02/08 17:10 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 16:47	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 16:47	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 16:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 16:47	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 16:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 16:47	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 16:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 16:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 16:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 16:47	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 16:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 16:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 16:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 16:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 16:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 16:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 16:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 16:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 16:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 16:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 16:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 16:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 16:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 16:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 16:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 16:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 16:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 16:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 16:47	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 16:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 16:47	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 16:47	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 16:47	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 16:47	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 16:47	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 16:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 16:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 16:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 16:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 16:47	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 16:47	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 16:47	1330-20-7	
4-Bromofluorobenzene (S)	85	%	64-132		1		10/08/08 16:47	460-00-4	
Dibromofluoromethane (S)	84	%	68-122		1		10/08/08 16:47	1868-53-7	
Toluene-d8 (S)	90	%	73-127		1		10/08/08 16:47	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: MW-103 **Lab ID: 409908004** Collected: 10/02/08 16:55 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 17:11	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 17:11	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 17:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 17:11	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 17:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 17:11	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 17:11	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 17:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 17:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 17:11	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 17:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 17:11	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 17:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 17:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 17:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 17:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 17:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 17:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 17:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 17:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 17:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 17:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 17:11	75-35-4	
cis-1,2-Dichloroethene	**12.3**	ug/L	1.0	0.83	1		10/08/08 17:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 17:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 17:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 17:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 17:11	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 17:11	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 17:11	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 17:11	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 17:11	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 17:11	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 17:11	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 17:11	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 17:11	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 17:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 17:11	79-00-5	
Trichloroethene	**3.8**	ug/L	1.0	0.48	1		10/08/08 17:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 17:11	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 17:11	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 17:11	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		10/08/08 17:11	460-00-4	
Dibromofluoromethane (S)	82	%	68-122		1		10/08/08 17:11	1868-53-7	
Toluene-d8 (S)	91	%	73-127		1		10/08/08 17:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-103 **Lab ID: 409908005** Collected: 10/02/08 13:10 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 17:34	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 17:34	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 17:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 17:34	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 17:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 17:34	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 17:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 17:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 17:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 17:34	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 17:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 17:34	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 17:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 17:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 17:34	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 17:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 17:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 17:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 17:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 17:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 17:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 17:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 17:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 17:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 17:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 17:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 17:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 17:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 17:34	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 17:34	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 17:34	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 17:34	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 17:34	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 17:34	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 17:34	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 17:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 17:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 17:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 17:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 17:34	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 17:34	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 17:34	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		10/08/08 17:34	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		10/08/08 17:34	1868-53-7	
Toluene-d8 (S)	85	%	73-127		1		10/08/08 17:34	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-103D **Lab ID: 409908006** Collected: 10/02/08 12:45 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 17:58	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 17:58	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 17:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 17:58	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 17:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 17:58	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 17:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 17:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 17:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 17:58	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 17:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 17:58	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 17:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 17:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 17:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 17:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 17:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 17:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 17:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 17:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 17:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 17:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 17:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 17:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 17:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 17:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 17:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 17:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 17:58	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 17:58	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 17:58	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 17:58	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 17:58	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 17:58	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 17:58	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 17:58	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 17:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 17:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 17:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 17:58	75-69-4	
Vinyl chloride	**1.1**	ug/L	1.0	0.18	1		10/08/08 17:58	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 17:58	1330-20-7	
4-Bromofluorobenzene (S)	80	%	64-132		1		10/08/08 17:58	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		10/08/08 17:58	1868-53-7	
Toluene-d8 (S)	84	%	73-127		1		10/08/08 17:58	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: MW-104 **Lab ID: 409908007** Collected: 10/01/08 18:10 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 15:35	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 15:35	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 15:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 15:35	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 15:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 15:35	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 15:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 15:35	56-23-5	
Chlorobenzene	**3.7**	ug/L	1.0	0.41	1		10/08/08 15:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 15:35	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 15:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 15:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 15:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 15:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 15:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 15:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 15:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 15:35	541-73-1	
1,4-Dichlorobenzene	**1.9**	ug/L	1.0	0.95	1		10/08/08 15:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 15:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 15:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 15:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 15:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 15:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 15:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 15:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 15:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 15:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 15:35	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 15:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 15:35	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 15:35	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 15:35	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 15:35	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 15:35	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 15:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 15:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 15:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 15:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 15:35	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 15:35	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 15:35	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		10/08/08 15:35	460-00-4	
Dibromofluoromethane (S)	86	%	68-122		1		10/08/08 15:35	1868-53-7	
Toluene-d8 (S)	90	%	73-127		1		10/08/08 15:35	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-106 **Lab ID: 409908008** Collected: 10/01/08 14:25 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 16:00	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 16:00	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 16:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 16:00	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 16:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 16:00	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 16:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 16:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 16:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 16:00	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 16:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 16:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 16:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 16:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 16:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 16:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 16:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 16:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 16:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 16:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 16:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 16:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 16:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 16:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 16:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 16:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 16:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 16:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 16:00	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 16:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 16:00	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 16:00	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 16:00	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 16:00	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 16:00	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 16:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 16:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 16:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 16:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 16:00	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 16:00	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 16:00	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		10/08/08 16:00	460-00-4	
Dibromofluoromethane (S)	87	%	68-122		1		10/08/08 16:00	1868-53-7	
Toluene-d8 (S)	87	%	73-127		1		10/08/08 16:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: MW-107 **Lab ID: 409908009** Collected: 10/01/08 18:30 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 16:24	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 16:24	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 16:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 16:24	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 16:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 16:24	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 16:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 16:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 16:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 16:24	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 16:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 16:24	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 16:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 16:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 16:24	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 16:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 16:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 16:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 16:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 16:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 16:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 16:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 16:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 16:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 16:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 16:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 16:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 16:24	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 16:24	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 16:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 16:24	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 16:24	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 16:24	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 16:24	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 16:24	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 16:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 16:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 16:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 16:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 16:24	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 16:24	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 16:24	1330-20-7	
4-Bromofluorobenzene (S)	78	%	64-132		1		10/08/08 16:24	460-00-4	
Dibromofluoromethane (S)	81	%	68-122		1		10/08/08 16:24	1868-53-7	
Toluene-d8 (S)	87	%	73-127		1		10/08/08 16:24	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-107 **Lab ID: 409908010** Collected: 10/01/08 17:05 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 08:55	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 08:55	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 08:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 08:55	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 08:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 08:55	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 08:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 08:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 08:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 08:55	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 08:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 08:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 08:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 08:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 08:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 08:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 08:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 08:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 08:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 08:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 08:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 08:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 08:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 08:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 08:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 08:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 08:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 08:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 08:55	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 08:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 08:55	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 08:55	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 08:55	100-42-5	M0,R1
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 08:55	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 08:55	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 08:55	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 08:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 08:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 08:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 08:55	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 08:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 08:55	1330-20-7	M0
4-Bromofluorobenzene (S)	81	%	64-132		1		10/08/08 08:55	460-00-4	
Dibromofluoromethane (S)	86	%	68-122		1		10/08/08 08:55	1868-53-7	
Toluene-d8 (S)	86	%	73-127		1		10/08/08 08:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-107D **Lab ID: 409908011** Collected: 10/01/08 17:55 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 14:24	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 14:24	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 14:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 14:24	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 14:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 14:24	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 14:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 14:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 14:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 14:24	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 14:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 14:24	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 14:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 14:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 14:24	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 14:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 14:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 14:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 14:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 14:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 14:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 14:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 14:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 14:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 14:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 14:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 14:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 14:24	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 14:24	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 14:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 14:24	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 14:24	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 14:24	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 14:24	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 14:24	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 14:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 14:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 14:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 14:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 14:24	75-69-4	
Vinyl chloride	**1.6**	ug/L	1.0	0.18	1		10/08/08 14:24	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 14:24	1330-20-7	
4-Bromofluorobenzene (S)	80	%	64-132		1		10/08/08 14:24	460-00-4	
Dibromofluoromethane (S)	85	%	68-122		1		10/08/08 14:24	1868-53-7	
Toluene-d8 (S)	91	%	73-127		1		10/08/08 14:24	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: MW-108 **Lab ID: 409908012** Collected: 10/02/08 16:00 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 09:42	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 09:42	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 09:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 09:42	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 09:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 09:42	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 09:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 09:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 09:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 09:42	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 09:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 09:42	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 09:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 09:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 09:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 09:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 09:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 09:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 09:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 09:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 09:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 09:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 09:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 09:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 09:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 09:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 09:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 09:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 09:42	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 09:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 09:42	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 09:42	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 09:42	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 09:42	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 09:42	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 09:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 09:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 09:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 09:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 09:42	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 09:42	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 09:42	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		10/08/08 09:42	460-00-4	
Dibromofluoromethane (S)	87	%	68-122		1		10/08/08 09:42	1868-53-7	
Toluene-d8 (S)	93	%	73-127		1		10/08/08 09:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-111D **Lab ID: 409908013** Collected: 10/02/08 10:30 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 10:06	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 10:06	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 10:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 10:06	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 10:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 10:06	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 10:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 10:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 10:06	108-90-7	
Chloroethane	**1.8**	ug/L	1.0	0.97	1		10/08/08 10:06	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 10:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 10:06	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 10:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 10:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 10:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 10:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 10:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 10:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 10:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 10:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 10:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 10:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 10:06	75-35-4	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.83	1		10/08/08 10:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 10:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 10:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 10:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 10:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 10:06	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 10:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 10:06	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 10:06	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 10:06	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 10:06	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 10:06	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 10:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 10:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 10:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 10:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 10:06	75-69-4	
Vinyl chloride	**5.7**	ug/L	1.0	0.18	1		10/08/08 10:06	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 10:06	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		10/08/08 10:06	460-00-4	
Dibromofluoromethane (S)	84	%	68-122		1		10/08/08 10:06	1868-53-7	
Toluene-d8 (S)	90	%	73-127		1		10/08/08 10:06	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: MW-112 **Lab ID: 409908014** Collected: 10/02/08 16:45 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 10:29	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 10:29	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 10:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 10:29	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 10:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 10:29	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 10:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 10:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 10:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 10:29	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 10:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 10:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 10:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 10:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 10:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 10:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 10:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 10:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 10:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 10:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 10:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 10:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 10:29	75-35-4	
cis-1,2-Dichloroethene	**13.3**	ug/L	1.0	0.83	1		10/08/08 10:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 10:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 10:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 10:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 10:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 10:29	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 10:29	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 10:29	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 10:29	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 10:29	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 10:29	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 10:29	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 10:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 10:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 10:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 10:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 10:29	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 10:29	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 10:29	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		10/08/08 10:29	460-00-4	
Dibromofluoromethane (S)	89	%	68-122		1		10/08/08 10:29	1868-53-7	
Toluene-d8 (S)	87	%	73-127		1		10/08/08 10:29	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-113B **Lab ID: 409908015** Collected: 10/01/08 16:18 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 12:27	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 12:27	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 12:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 12:27	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 12:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 12:27	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 12:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 12:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 12:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 12:27	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 12:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 12:27	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 12:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 12:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 12:27	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 12:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 12:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 12:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 12:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 12:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 12:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 12:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 12:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 12:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 12:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 12:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 12:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 12:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 12:27	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 12:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 12:27	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 12:27	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 12:27	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 12:27	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 12:27	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 12:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 12:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 12:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 12:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 12:27	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 12:27	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 12:27	1330-20-7	
4-Bromofluorobenzene (S)	81	%	64-132		1		10/08/08 12:27	460-00-4	
Dibromofluoromethane (S)	83	%	68-122		1		10/08/08 12:27	1868-53-7	
Toluene-d8 (S)	88	%	73-127		1		10/08/08 12:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-114 **Lab ID: 409908016** Collected: 10/02/08 15:50 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 12:50	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 12:50	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 12:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 12:50	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 12:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 12:50	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 12:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 12:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 12:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 12:50	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 12:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 12:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 12:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 12:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 12:50	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 12:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 12:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 12:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 12:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 12:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 12:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 12:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 12:50	75-35-4	
cis-1,2-Dichloroethene	**1.2**	ug/L	1.0	0.83	1		10/08/08 12:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 12:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 12:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 12:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 12:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 12:50	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 12:50	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 12:50	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 12:50	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 12:50	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 12:50	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 12:50	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 12:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 12:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 12:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 12:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 12:50	75-69-4	
Vinyl chloride	**6.1**	ug/L	1.0	0.18	1		10/08/08 12:50	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 12:50	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		10/08/08 12:50	460-00-4	
Dibromofluoromethane (S)	88	%	68-122		1		10/08/08 12:50	1868-53-7	
Toluene-d8 (S)	92	%	73-127		1		10/08/08 12:50	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-115 **Lab ID: 409908017** Collected: 10/02/08 14:55 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 13:14	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 13:14	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 13:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 13:14	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 13:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 13:14	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 13:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 13:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 13:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 13:14	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 13:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 13:14	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 13:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 13:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 13:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 13:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 13:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 13:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 13:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 13:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 13:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 13:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 13:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 13:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 13:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 13:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 13:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 13:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 13:14	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 13:14	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 13:14	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 13:14	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 13:14	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 13:14	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 13:14	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 13:14	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 13:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 13:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 13:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 13:14	75-69-4	
Vinyl chloride	**1.9**	ug/L	1.0	0.18	1		10/08/08 13:14	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 13:14	1330-20-7	
4-Bromofluorobenzene (S)	82	%	64-132		1		10/08/08 13:14	460-00-4	
Dibromofluoromethane (S)	81	%	68-122		1		10/08/08 13:14	1868-53-7	
Toluene-d8 (S)	87	%	73-127		1		10/08/08 13:14	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-116 **Lab ID: 409908018** Collected: 10/02/08 15:20 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 13:37	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 13:37	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 13:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 13:37	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 13:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 13:37	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 13:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 13:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 13:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 13:37	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 13:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 13:37	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 13:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 13:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 13:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 13:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 13:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 13:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 13:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 13:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 13:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 13:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 13:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 13:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 13:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 13:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 13:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 13:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 13:37	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 13:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 13:37	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 13:37	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 13:37	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 13:37	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 13:37	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 13:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 13:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 13:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 13:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 13:37	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 13:37	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 13:37	1330-20-7	
4-Bromofluorobenzene (S)	84	%	64-132		1		10/08/08 13:37	460-00-4	
Dibromofluoromethane (S)	84	%	68-122		1		10/08/08 13:37	1868-53-7	
Toluene-d8 (S)	91	%	73-127		1		10/08/08 13:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: TRIP BLANK **Lab ID: 409908021** Collected: 10/03/08 10:45 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 09:19	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 09:19	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 09:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 09:19	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 09:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 09:19	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 09:19	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 09:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 09:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 09:19	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 09:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 09:19	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 09:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 09:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 09:19	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 09:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 09:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 09:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 09:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 09:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 09:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 09:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 09:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 09:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 09:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 09:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 09:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 09:19	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 09:19	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 09:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 09:19	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 09:19	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 09:19	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 09:19	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 09:19	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 09:19	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 09:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 09:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 09:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 09:19	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 09:19	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 09:19	1330-20-7	
4-Bromofluorobenzene (S)	80	%	64-132		1		10/08/08 09:19	460-00-4	
Dibromofluoromethane (S)	82	%	68-122		1		10/08/08 09:19	1868-53-7	
Toluene-d8 (S)	89	%	73-127		1		10/08/08 09:19	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: MW-102 **Lab ID: 409908023** Collected: 10/02/08 16:30 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/08/08 14:01	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/08/08 14:01	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/08/08 14:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/08/08 14:01	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/08/08 14:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/08/08 14:01	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/08/08 14:01	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/08/08 14:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/08/08 14:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/08/08 14:01	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/08/08 14:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/08/08 14:01	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/08/08 14:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/08/08 14:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/08/08 14:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/08/08 14:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/08/08 14:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/08/08 14:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/08/08 14:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/08/08 14:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/08/08 14:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/08/08 14:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/08/08 14:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/08/08 14:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/08/08 14:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/08/08 14:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/08/08 14:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/08/08 14:01	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/08/08 14:01	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/08/08 14:01	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/08/08 14:01	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/08/08 14:01	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/08/08 14:01	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/08/08 14:01	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/08/08 14:01	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/08/08 14:01	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/08/08 14:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/08/08 14:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/08/08 14:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/08/08 14:01	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/08/08 14:01	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/08/08 14:01	1330-20-7	
4-Bromofluorobenzene (S)	84	%	64-132		1		10/08/08 14:01	460-00-4	
Dibromofluoromethane (S)	85	%	68-122		1		10/08/08 14:01	1868-53-7	
Toluene-d8 (S)	90	%	73-127		1		10/08/08 14:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-103 DUP **Lab ID: 409908024** Collected: 10/02/08 13:15 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/09/08 15:41	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/09/08 15:41	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/09/08 15:41	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/09/08 15:41	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/09/08 15:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/09/08 15:41	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/09/08 15:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/09/08 15:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/09/08 15:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/09/08 15:41	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/09/08 15:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/09/08 15:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/09/08 15:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/09/08 15:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/09/08 15:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/09/08 15:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/09/08 15:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/09/08 15:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/09/08 15:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/09/08 15:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/09/08 15:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/09/08 15:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/09/08 15:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/09/08 15:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/09/08 15:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/09/08 15:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/09/08 15:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/09/08 15:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/09/08 15:41	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/09/08 15:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/09/08 15:41	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/09/08 15:41	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/09/08 15:41	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/09/08 15:41	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/09/08 15:41	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/09/08 15:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/09/08 15:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/09/08 15:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/09/08 15:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/09/08 15:41	75-69-4	
Vinyl chloride	ND	ug/L	1.0	0.18	1		10/09/08 15:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/09/08 15:41	1330-20-7	
4-Bromofluorobenzene (S)	97	%	64-132		1		10/09/08 15:41	460-00-4	
Dibromofluoromethane (S)	112	%	68-122		1		10/09/08 15:41	1868-53-7	
Toluene-d8 (S)	107	%	73-127		1		10/09/08 15:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Sample: P-103D DUP **Lab ID: 409908025** Collected: 10/02/08 12:50 Received: 10/07/08 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	ND	ug/L	20.0	5.0	1		10/09/08 16:05	67-64-1	L1
Benzene	ND	ug/L	1.0	0.41	1		10/09/08 16:05	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		10/09/08 16:05	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		10/09/08 16:05	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		10/09/08 16:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	4.3	1		10/09/08 16:05	78-93-3	L1
Carbon disulfide	ND	ug/L	1.0	0.66	1		10/09/08 16:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		10/09/08 16:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		10/09/08 16:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		10/09/08 16:05	75-00-3	
Chloroform	ND	ug/L	5.0	1.3	1		10/09/08 16:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		10/09/08 16:05	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1.7	1		10/09/08 16:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		10/09/08 16:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.56	1		10/09/08 16:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.60	1		10/09/08 16:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.83	1		10/09/08 16:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.87	1		10/09/08 16:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.95	1		10/09/08 16:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.99	1		10/09/08 16:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		10/09/08 16:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		10/09/08 16:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		10/09/08 16:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.83	1		10/09/08 16:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.89	1		10/09/08 16:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.49	1		10/09/08 16:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		10/09/08 16:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		10/09/08 16:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.54	1		10/09/08 16:05	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		10/09/08 16:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.61	1		10/09/08 16:05	1634-04-4	
Naphthalene	ND	ug/L	5.0	0.89	1		10/09/08 16:05	91-20-3	
Styrene	ND	ug/L	1.0	0.86	1		10/09/08 16:05	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		10/09/08 16:05	127-18-4	
Tetrahydrofuran	ND	ug/L	5.0	1.7	1		10/09/08 16:05	109-99-9	
Toluene	ND	ug/L	1.0	0.67	1		10/09/08 16:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		10/09/08 16:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		10/09/08 16:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.48	1		10/09/08 16:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.79	1		10/09/08 16:05	75-69-4	
Vinyl chloride	**1.5**	ug/L	1.0	0.18	1		10/09/08 16:05	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		10/09/08 16:05	1330-20-7	
4-Bromofluorobenzene (S)	96	%	64-132		1		10/09/08 16:05	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		1		10/09/08 16:05	1868-53-7	
Toluene-d8 (S)	105	%	73-127		1		10/09/08 16:05	2037-26-5	

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QUALITY CONTROL DATA

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

QC Batch: MSV/2846 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 409908001, 409908002, 409908003, 409908004, 409908005, 409908006, 409908007, 409908008, 409908009, 409908010, 409908011, 409908012, 409908013, 409908014, 409908015, 409908016, 409908017, 409908018, 409908021, 409908023

METHOD BLANK: 86233 Matrix: Water
Associated Lab Samples: 409908001, 409908002, 409908003, 409908004, 409908005, 409908006, 409908007, 409908008, 409908009, 409908010, 409908011, 409908012, 409908013, 409908014, 409908015, 409908016, 409908017, 409908018, 409908021, 409908023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	10/08/08 06:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/08/08 06:58	
1,1-Dichloroethane	ug/L	ND	1.0	10/08/08 06:58	
1,1-Dichloroethene	ug/L	ND	1.0	10/08/08 06:58	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	10/08/08 06:58	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/08/08 06:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/08/08 06:58	
1,2-Dichloroethane	ug/L	ND	1.0	10/08/08 06:58	
1,2-Dichloropropane	ug/L	ND	1.0	10/08/08 06:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	10/08/08 06:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/08/08 06:58	
2-Butanone (MEK)	ug/L	ND	20.0	10/08/08 06:58	
Acetone	ug/L	ND	20.0	10/08/08 06:58	
Benzene	ug/L	ND	1.0	10/08/08 06:58	
Bromodichloromethane	ug/L	ND	1.0	10/08/08 06:58	
Bromoform	ug/L	ND	1.0	10/08/08 06:58	
Bromomethane	ug/L	ND	1.0	10/08/08 06:58	
Carbon disulfide	ug/L	ND	1.0	10/08/08 06:58	
Carbon tetrachloride	ug/L	ND	1.0	10/08/08 06:58	
Chlorobenzene	ug/L	ND	1.0	10/08/08 06:58	
Chloroethane	ug/L	ND	1.0	10/08/08 06:58	
Chloroform	ug/L	ND	5.0	10/08/08 06:58	
Chloromethane	ug/L	ND	1.0	10/08/08 06:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/08/08 06:58	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/08/08 06:58	
Dibromochloromethane	ug/L	ND	1.0	10/08/08 06:58	
Dibromomethane	ug/L	ND	1.0	10/08/08 06:58	
Dichlorodifluoromethane	ug/L	ND	1.0	10/08/08 06:58	
Ethylbenzene	ug/L	ND	1.0	10/08/08 06:58	
Methyl-tert-butyl ether	ug/L	ND	1.0	10/08/08 06:58	
Methylene Chloride	ug/L	ND	1.0	10/08/08 06:58	
Naphthalene	ug/L	ND	5.0	10/08/08 06:58	
Styrene	ug/L	ND	1.0	10/08/08 06:58	
Tetrachloroethene	ug/L	ND	1.0	10/08/08 06:58	
Tetrahydrofuran	ug/L	ND	5.0	10/08/08 06:58	
Toluene	ug/L	ND	1.0	10/08/08 06:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/08/08 06:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/08/08 06:58	
Trichloroethene	ug/L	ND	1.0	10/08/08 06:58	

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QUALITY CONTROL DATA

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

METHOD BLANK: 86233 Matrix: Water

Associated Lab Samples: 409908001, 409908002, 409908003, 409908004, 409908005, 409908006, 409908007, 409908008, 409908009, 409908010, 409908011, 409908012, 409908013, 409908014, 409908015, 409908016, 409908017, 409908018, 409908021, 409908023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	ND	1.0	10/08/08 06:58	
Vinyl chloride	ug/L	ND	1.0	10/08/08 06:58	
Xylene (Total)	ug/L	ND	3.0	10/08/08 06:58	
4-Bromofluorobenzene (S)	%	82	64-132	10/08/08 06:58	
Dibromofluoromethane (S)	%	84	68-122	10/08/08 06:58	
Toluene-d8 (S)	%	94	73-127	10/08/08 06:58	

LABORATORY CONTROL SAMPLE & LCSD: 86234 86235

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	48.0	48.5	96	97	75-128	.9	20	
1,1,2-Trichloroethane	ug/L	50	52.3	50.0	105	100	75-125	4	20	
1,1-Dichloroethane	ug/L	50	48.7	48.4	97	97	71-130	.6	20	
1,1-Dichloroethene	ug/L	50	47.7	47.3	95	95	75-125	.7	20	
1,2-Dichloroethane	ug/L	50	47.2	47.0	94	94	71-132	.4	20	
1,2-Dichloropropane	ug/L	50	49.4	50.0	99	100	73-125	1	20	
2-Butanone (MEK)	ug/L	50	76.8	71.4	154	143	59-130	7	20	L0
Acetone	ug/L	50	77.3	78.6	155	157	31-150	2	20	L0
Benzene	ug/L	50	47.4	48.6	95	97	75-125	2	20	
Bromodichloromethane	ug/L	50	45.9	47.7	92	95	75-125	4	20	
Bromoform	ug/L	50	44.3	43.0	89	86	75-125	3	20	
Bromomethane	ug/L	50	46.9	47.6	94	95	66-125	2	20	
Carbon disulfide	ug/L	50	48.9	48.6	98	97	71-128	.7	20	
Carbon tetrachloride	ug/L	50	48.3	49.1	97	98	75-125	2	20	
Chlorobenzene	ug/L	50	53.2	51.3	106	103	75-125	4	20	
Chloroethane	ug/L	50	46.4	45.1	93	90	72-126	3	20	
Chloroform	ug/L	50	47.9	49.1	96	98	75-125	3	20	
Chloromethane	ug/L	50	43.5	41.1	87	82	46-143	6	20	
cis-1,2-Dichloroethene	ug/L	50	51.4	49.5	103	99	75-125	4	20	
cis-1,3-Dichloropropene	ug/L	50	49.8	50.4	100	101	75-125	1	20	
Dibromochloromethane	ug/L	50	44.4	43.9	89	88	75-125	1	20	
Ethylbenzene	ug/L	50	53.0	52.8	106	106	75-125	.3	20	
Methylene Chloride	ug/L	50	46.6	45.3	93	91	75-125	3	20	
Styrene	ug/L	50	50.5	50.3	101	101	75-125	.3	20	
Tetrachloroethene	ug/L	50	53.0	52.3	106	105	75-130	1	20	
Toluene	ug/L	50	51.6	49.9	103	100	75-125	3	20	
trans-1,2-Dichloroethene	ug/L	50	50.3	48.8	101	98	75-125	3	20	
trans-1,3-Dichloropropene	ug/L	50	45.7	42.8	91	86	75-125	7	20	
Trichloroethene	ug/L	50	51.1	51.8	102	104	75-125	1	20	
Vinyl chloride	ug/L	50	43.8	44.6	88	89	65-130	2	20	
Xylene (Total)	ug/L	150	158	158	106	105	75-125	.2	20	
4-Bromofluorobenzene (S)	%				88	84	64-132			
Dibromofluoromethane (S)	%				84	80	68-122			
Toluene-d8 (S)	%				94	93	73-127			

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QUALITY CONTROL DATA

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 86272 86273

Parameter	Units	409908010 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	48.4	47.2	97	94	70-130	3	30	
1,1,2-Trichloroethane	ug/L	ND	50	50	49.4	45.8	99	92	70-130	8	30	
1,1-Dichloroethane	ug/L	ND	50	50	49.3	47.1	99	94	70-130	5	30	
1,1-Dichloroethene	ug/L	ND	50	50	45.1	43.9	90	88	70-135	3	30	
1,2-Dichloroethane	ug/L	ND	50	50	49.3	45.9	99	92	70-130	7	30	
1,2-Dichloropropane	ug/L	ND	50	50	48.1	45.6	96	91	70-130	5	30	
2-Butanone (MEK)	ug/L	ND	50	50	45.0	43.2	90	86	51-130	4	30	
Acetone	ug/L	ND	50	50	48.7	36.4	97	73	42-132	29	30	
Benzene	ug/L	ND	50	50	49.7	46.2	99	92	70-130	7	30	
Bromodichloromethane	ug/L	ND	50	50	46.6	45.2	93	90	70-130	3	30	
Bromoform	ug/L	ND	50	50	41.1	36.9	82	74	70-130	11	30	
Bromomethane	ug/L	ND	50	50	49.3	46.6	99	93	63-147	5	30	
Carbon disulfide	ug/L	ND	50	50	44.5	38.4	89	77	56-142	15	30	
Carbon tetrachloride	ug/L	ND	50	50	49.1	49.9	98	100	70-131	2	30	
Chlorobenzene	ug/L	ND	50	50	50.9	49.4	102	99	70-130	3	30	
Chloroethane	ug/L	ND	50	50	48.6	45.5	97	91	67-138	6	30	
Chloroform	ug/L	ND	50	50	49.0	47.4	98	95	70-130	3	30	
Chloromethane	ug/L	ND	50	50	42.5	41.1	85	82	43-150	3	30	
cis-1,2-Dichloroethene	ug/L	ND	50	50	52.0	50.9	104	102	70-130	2	30	
cis-1,3-Dichloropropene	ug/L	ND	50	50	48.6	46.6	97	93	70-130	4	30	
Dibromochloromethane	ug/L	ND	50	50	42.9	40.6	86	81	70-130	5	30	
Ethylbenzene	ug/L	ND	50	50	45.7	42.3	91	85	70-136	8	30	
Methylene Chloride	ug/L	ND	50	50	47.1	44.0	94	88	70-130	7	30	
Styrene	ug/L	ND	50	50	11.7	7.3	23	15	70-130	47	30	M0,R1
Tetrachloroethene	ug/L	ND	50	50	51.0	47.2	102	94	70-130	8	30	
Toluene	ug/L	ND	50	50	46.5	44.0	93	88	70-130	5	30	
trans-1,2-Dichloroethene	ug/L	ND	50	50	47.6	44.5	95	89	70-130	7	30	
trans-1,3-Dichloropropene	ug/L	ND	50	50	42.6	37.2	85	74	70-130	14	30	
Trichloroethene	ug/L	ND	50	50	51.9	48.9	104	98	70-130	6	30	
Vinyl chloride	ug/L	ND	50	50	44.5	43.1	89	86	62-138	3	30	
Xylene (Total)	ug/L	ND	150	150	113	95.6	75	64	70-130	17	30	M0
4-Bromofluorobenzene (S)	%						84	83	64-132			
Dibromofluoromethane (S)	%						81	86	68-122			
Toluene-d8 (S)	%						90	90	73-127			

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QUALITY CONTROL DATA

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

QC Batch: MSV/2863 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 409908024, 409908025

METHOD BLANK: 86936 Matrix: Water
Associated Lab Samples: 409908024, 409908025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	10/09/08 10:12	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/09/08 10:12	
1,1-Dichloroethane	ug/L	ND	1.0	10/09/08 10:12	
1,1-Dichloroethene	ug/L	ND	1.0	10/09/08 10:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	10/09/08 10:12	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/09/08 10:12	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/09/08 10:12	
1,2-Dichloroethane	ug/L	ND	1.0	10/09/08 10:12	
1,2-Dichloropropane	ug/L	ND	1.0	10/09/08 10:12	
1,3-Dichlorobenzene	ug/L	ND	1.0	10/09/08 10:12	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/09/08 10:12	
2-Butanone (MEK)	ug/L	ND	20.0	10/09/08 10:12	
Acetone	ug/L	ND	20.0	10/09/08 10:12	
Benzene	ug/L	ND	1.0	10/09/08 10:12	
Bromodichloromethane	ug/L	ND	1.0	10/09/08 10:12	
Bromoform	ug/L	ND	1.0	10/09/08 10:12	
Bromomethane	ug/L	ND	1.0	10/09/08 10:12	
Carbon disulfide	ug/L	ND	1.0	10/09/08 10:12	
Carbon tetrachloride	ug/L	ND	1.0	10/09/08 10:12	
Chlorobenzene	ug/L	ND	1.0	10/09/08 10:12	
Chloroethane	ug/L	ND	1.0	10/09/08 10:12	
Chloroform	ug/L	ND	5.0	10/09/08 10:12	
Chloromethane	ug/L	ND	1.0	10/09/08 10:12	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/09/08 10:12	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/09/08 10:12	
Dibromochloromethane	ug/L	ND	1.0	10/09/08 10:12	
Dibromomethane	ug/L	ND	1.0	10/09/08 10:12	
Dichlorodifluoromethane	ug/L	ND	1.0	10/09/08 10:12	
Ethylbenzene	ug/L	ND	1.0	10/09/08 10:12	
Methyl-tert-butyl ether	ug/L	ND	1.0	10/09/08 10:12	
Methylene Chloride	ug/L	ND	1.0	10/09/08 10:12	
Naphthalene	ug/L	ND	5.0	10/09/08 10:12	
Styrene	ug/L	ND	1.0	10/09/08 10:12	
Tetrachloroethene	ug/L	ND	1.0	10/09/08 10:12	
Tetrahydrofuran	ug/L	ND	5.0	10/09/08 10:12	
Toluene	ug/L	ND	1.0	10/09/08 10:12	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/09/08 10:12	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/09/08 10:12	
Trichloroethene	ug/L	ND	1.0	10/09/08 10:12	
Trichlorofluoromethane	ug/L	ND	1.0	10/09/08 10:12	
Vinyl chloride	ug/L	ND	1.0	10/09/08 10:12	
Xylene (Total)	ug/L	ND	3.0	10/09/08 10:12	
4-Bromofluorobenzene (S)	%	97	64-132	10/09/08 10:12	

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QUALITY CONTROL DATA

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

METHOD BLANK: 86936 Matrix: Water

Associated Lab Samples: 409908024, 409908025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromofluoromethane (S)	%	111	68-122	10/09/08 10:12	
Toluene-d8 (S)	%	105	73-127	10/09/08 10:12	

LABORATORY CONTROL SAMPLE & LCSD: 86937 86938

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	52.3	52.3	105	105	75-128	.06	20	
1,1,2-Trichloroethane	ug/L	50	52.9	55.7	106	111	75-125	5	20	
1,1-Dichloroethane	ug/L	50	54.2	54.9	108	110	71-130	1	20	
1,1-Dichloroethene	ug/L	50	51.0	55.0	102	110	75-125	8	20	
1,2-Dichloroethane	ug/L	50	52.9	54.5	106	109	71-132	3	20	
1,2-Dichloropropane	ug/L	50	53.8	55.0	108	110	73-125	2	20	
2-Butanone (MEK)	ug/L	50	74.1	91.6	148	183	59-130	21	20	L0,R1
Acetone	ug/L	50	107	138	213	277	31-150	26	20	L0,R1
Benzene	ug/L	50	56.8	57.4	114	115	75-125	1	20	
Bromodichloromethane	ug/L	50	46.7	48.8	93	98	75-125	4	20	
Bromoform	ug/L	50	41.8	46.1	84	92	75-125	10	20	
Bromomethane	ug/L	50	41.7	43.4	83	87	66-125	4	20	
Carbon disulfide	ug/L	50	54.5	55.5	109	111	71-128	2	20	
Carbon tetrachloride	ug/L	50	50.8	51.6	102	103	75-125	1	20	
Chlorobenzene	ug/L	50	51.6	52.0	103	104	75-125	.8	20	
Chloroethane	ug/L	50	51.5	50.1	103	100	72-126	3	20	
Chloroform	ug/L	50	53.8	55.4	108	111	75-125	3	20	
Chloromethane	ug/L	50	39.8	41.1	80	82	46-143	3	20	
cis-1,2-Dichloroethene	ug/L	50	54.5	54.4	109	109	75-125	.1	20	
cis-1,3-Dichloropropene	ug/L	50	45.0	47.6	90	95	75-125	6	20	
Dibromochloromethane	ug/L	50	44.5	46.0	89	92	75-125	3	20	
Ethylbenzene	ug/L	50	51.9	52.1	104	104	75-125	.4	20	
Methylene Chloride	ug/L	50	56.2	57.8	112	116	75-125	3	20	
Styrene	ug/L	50	48.5	48.3	97	97	75-125	.3	20	
Tetrachloroethene	ug/L	50	45.1	44.8	90	90	75-130	.8	20	
Toluene	ug/L	50	52.0	51.2	104	102	75-125	2	20	
trans-1,2-Dichloroethene	ug/L	50	51.9	51.6	104	103	75-125	.5	20	
trans-1,3-Dichloropropene	ug/L	50	41.6	45.7	83	91	75-125	9	20	
Trichloroethene	ug/L	50	52.3	53.6	105	107	75-125	2	20	
Vinyl chloride	ug/L	50	45.4	47.4	91	95	65-130	4	20	
Xylene (Total)	ug/L	150	151	151	100	101	75-125	.2	20	
4-Bromofluorobenzene (S)	%				98	97	64-132			
Dibromofluoromethane (S)	%				110	110	68-122			
Toluene-d8 (S)	%				107	106	73-127			

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

QUALITY CONTROL DATA

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 86939 86940

Parameter	Units	409993001 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	<0.90	50	50	53.6	55.1	107	110	70-130	3	30	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	53.2	53.7	106	107	70-130	1	30	
1,1-Dichloroethane	ug/L	<0.75	50	50	56.1	56.3	112	113	70-130	.4	30	
1,1-Dichloroethene	ug/L	<0.57	50	50	51.4	54.9	103	110	70-135	6	30	
1,2-Dichloroethane	ug/L	<0.36	50	50	56.0	56.7	112	113	70-130	1	30	
1,2-Dichloropropane	ug/L	<0.49	50	50	56.2	55.7	112	111	70-130	.9	30	
2-Butanone (MEK)	ug/L	<4.3	50	50	53.8	57.9	108	116	51-130	7	30	
Acetone	ug/L	10.8J	50	50	74.0	68.5	126	115	42-132	8	30	
Benzene	ug/L	13.1	50	50	70.5	71.7	115	117	70-130	2	30	
Bromodichloromethane	ug/L	<0.56	50	50	49.1	49.1	98	98	70-130	.1	30	
Bromoform	ug/L	<0.94	50	50	42.4	44.8	85	90	70-130	5	30	
Bromomethane	ug/L	<0.91	50	50	40.7	42.9	81	86	63-147	5	30	
Carbon disulfide	ug/L	<0.66	50	50	58.2	57.8	116	115	56-142	.5	30	
Carbon tetrachloride	ug/L	<0.49	50	50	52.0	53.2	104	106	70-131	2	30	
Chlorobenzene	ug/L	<0.41	50	50	50.9	51.2	102	102	70-130	.6	30	
Chloroethane	ug/L	<0.97	50	50	51.7	51.9	103	104	67-138	.5	30	
Chloroform	ug/L	<1.3	50	50	57.4	58.1	115	116	70-130	1	30	
Chloromethane	ug/L	<0.24	50	50	39.6	38.6	79	77	43-150	2	30	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	55.0	55.9	110	112	70-130	2	30	
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	47.7	48.0	95	96	70-130	.7	30	
Dibromochloromethane	ug/L	<0.81	50	50	45.7	46.8	91	94	70-130	2	30	
Ethylbenzene	ug/L	17.5	50	50	67.2	67.3	99	99	70-136	.1	30	
Methylene Chloride	ug/L	<0.43	50	50	59.0	59.5	118	119	70-130	.9	30	
Styrene	ug/L	<0.86	50	50	48.6	47.8	97	96	70-130	2	30	
Tetrachloroethene	ug/L	<0.45	50	50	44.6	46.5	89	93	70-130	4	30	
Toluene	ug/L	0.92J	50	50	51.0	51.8	100	102	70-130	1	30	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	50.8	51.8	102	104	70-130	2	30	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	42.8	44.7	86	89	70-130	4	30	
Trichloroethene	ug/L	<0.48	50	50	53.5	54.6	107	109	70-130	2	30	
Vinyl chloride	ug/L	<0.18	50	50	45.4	46.0	91	92	62-138	1	30	
Xylene (Total)	ug/L	10.7	150	150	158	159	98	99	70-130	.7	30	
4-Bromofluorobenzene (S)	%						98	98	64-132			
Dibromofluoromethane (S)	%						110	112	68-122			
Toluene-d8 (S)	%						103	105	73-127			

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

QUALIFIERS

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

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

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M0	Matrix spike recovery was outside laboratory control limits.
R1	RPD value was outside control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1011.005.11 FF/NN LANDFILL
Pace Project No.: 409908

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
409908001	MW-3A	EPA 8260	MSV/2846		
409908002	MW-3B	EPA 8260	MSV/2846		
409908003	P-102	EPA 8260	MSV/2846		
409908004	MW-103	EPA 8260	MSV/2846		
409908005	P-103	EPA 8260	MSV/2846		
409908006	P-103D	EPA 8260	MSV/2846		
409908007	MW-104	EPA 8260	MSV/2846		
409908008	P-106	EPA 8260	MSV/2846		
409908009	MW-107	EPA 8260	MSV/2846		
409908010	P-107	EPA 8260	MSV/2846		
409908011	P-107D	EPA 8260	MSV/2846		
409908012	MW-108	EPA 8260	MSV/2846		
409908013	P-111D	EPA 8260	MSV/2846		
409908014	MW-112	EPA 8260	MSV/2846		
409908015	P-113B	EPA 8260	MSV/2846		
409908016	P-114	EPA 8260	MSV/2846		
409908017	P-115	EPA 8260	MSV/2846		
409908018	P-116	EPA 8260	MSV/2846		
409908021	TRIP BLANK	EPA 8260	MSV/2846		
409908023	MW-102	EPA 8260	MSV/2846		
409908024	P-103 DUP	EPA 8260	MSV/2863		
409908025	P-103D DUP	EPA 8260	MSV/2863		

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

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

*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

(Please Print Clearly)	
Company Name:	GeoTrans, Inc
Branch/Location:	Brookfield, WI
Project Contact:	Mike Noel
Phone:	(262) 792-1282
Project Number:	1011.005.11
Project Name:	FF/NN Landfill
Project State:	WI
Sampled By (Print):	Ashley A. Weimer
Sampled By (Sign):	Ashley A. Weimer
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	M. Noel / N. Olavarria
Mail To Company:	GeoTrans / Cooper
Mail To Address:	Brookfield WI / Houston TX
Invoice To Contact:	~~X~~ Nelson Olavarria*
Invoice To Company:	Cooper Industries
Invoice To Address:	Houston, TX
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)	PRESERVATION (CODE)*	Analyses Requested: VOCs 8260	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter				
001	MW-3A	10-1	1540	GW	N	B	✓	Need VOC	3-40mL	
002	MW-3B	10-1	1515				✓	LOD < 0.2		
003	P-102	10-2	1710				✓			
004	MW-103	10-2	1655				✓	*Invoiced		
005	P-103	10-2	1310				✓	through		
006	P-103D	10-2	1245				✓	Pace		
007	MW-104	10-1	1810				✓	Pittsburgh*		
008	P-106	10-1	~~1705~~ 1435				✓	Sample time 1435		
009	MW-107	10-1	1830				✓			
010	P-107	10-1	1705				✓			
011	P-107D	10-1	1755				✓			
012	MW-108	10-2	1600				✓			
013	P-111D	10-2	1030				✓			

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

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:
Ashley A. Weimer	10-6-08 0800		
WALTCO	10/7/08 915		10/7/08 915

PACE Project No.: 409908
Receipt Temp = R01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

Pace Analytical

Client Name: GeoTrans Project # 409908

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

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

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: 20.1 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: a 10/7/08

Temp should be above freezing to 6°C

		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: _____ **Date:** 100708

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)

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

Printed: 10/14/08 Code: S

Client: Pace Analytical Services Inc (GB)
Attn: Steve Mleczko
1241 Bellevue Street
Green Bay,WI 54302 2156

NLS Project: 124107
NLS Customer: 94575
Fax: 920 469 8827 Phone: 800 736 2436

Project: 409908

409908-019-VOC NLS ID: 498203
Matrix: DW
Collected: 10/02/08 00:00 Received: 10/09/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					10/10/08	EPA 524.2	721026460

409908-020-VOC NLS ID: 498204
Matrix: DW
Collected: 10/02/08 00:00 Received: 10/09/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					10/10/08	EPA 524.2	721026460

409908-022-VOC NLS ID: 498205
Matrix: DW
Collected: 10/02/08 00:00 Received: 10/09/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					10/10/08	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: Thomas Krueger

Authorized by:
R. T. Krueger
President

This data has NOT been submitted to the WDNR, due to lack of some sampling site information.

If these samples are for SDWA (drinking water) compliance, please call us with the required information. 715-478-2777.

Northern Lake Service, Inc.

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 124107**
Project Description: 409908
Project Title: **Template: SAT3PACE** **Printed: 10/14/2008 14:58**

Sample: 498203 409908-019-VOC Collected: 10/02/08 Analyzed: 10/10/08

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	ND	ug/L	1	0.40	0.85		
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: 124107**
Project Description: 409908
Project Title: **Template: SAT3PACE Printed: 10/14/2008 14:58**

Sample: 498203 409908-019-VOC Collected: 10/02/08 Analyzed: 10/10/08

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 disulf de	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)	99.18%						S
1,2-Dichlorobenzene - d4 (SURR)	104.82%						S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 124107**
Project Description: 409908
Project Title: **Template: SAT3PACE** **Printed: 10/14/2008 14:58**

Sample: 498204 409908-020-VOC Collected: 10/02/08 Analyzed: 10/10/08

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	ND	ug/L	1	0.40	0.85		
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: 124107**
Project Description: 409908
Project Title: **Template: SAT3PACE Printed: 10/14/2008 14:58**

Sample: 498204 409908-020-VOC Collected: 10/02/08 Analyzed: 10/10/08 -

ANAL TE 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)	98.48%						S
1,2-Dichlorobenzene - d4 (SURR)	102.06%						S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 524.2 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 124107**
Project Description: 409908
Project Title: **Template: SAT3PACE Printed: 10/14/2008 14:58**

Sample: 498205 409908-022-VOC Collected: 10/02/08 Analyzed: 10/10/08

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	ND	ug/L	1	0.40	0.85		
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: 124107**
Project Description: 409908
Project Title: **Template: SAT3PACE** **Printed: 10/14/2008 14:58**

Sample: 498205 409908-022-VOC Collected: 10/02/08 Analyzed: 10/10/08

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)	97.16%						S
1,2-Dichlorobenzene - d4 (SURR)	99.02%						S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

(Please Print Clearly)

Company Name:	Pace - WI
Branch/Location:	Green Bay
Project Contact:	E. Wied
Phone:	x440
Project Number:	409908
Project Name:	
Project State:	
Sampled By (Print):	
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Page 1 of

NLS

CHAIN OF CUSTODY

*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:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

FILTERED? (YES/NO) — Y/N
PRESERVATION (CODE)* — Pick Letter

Analyses Requested: SDWA VOC; See attached; Lit. W/10

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	SDWA VOC	See attached	Lit. W/10						CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
498203	409908-019	10/2		W									3-40ml		
204	020	↓		↓									↓		
205	022	↓		↓									↓		

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 2 weeks

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:
[signature]	10-8-08 1630	UPS	
		Jackie Braun	10/9/08 1000

PACE Project No.

Receipt Temp = °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL

C01[illegible] 2006

Pace Analytical Services, Inc.
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

October 21, 2008

Client Services
Pace Analytical Pittsburgh
1638 Roseytown Road
Suites 2,3 & 4
Greensburg, PA 15601

RE: Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Dear Client Services:
Enclosed are the analytical results for sample(s) received by the laboratory on October 08, 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,

Colin Schuft

Colin Schuft

colin.schuft@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Minnesota Certification IDs

Tennessee Certification #: 02818
Wisconsin Certification #: 999407970
Washington Certification #: C754
Pennsylvania Certification #: 68-00563
Oregon Certification #: MN200001
North Dakota Certification #: R-036
North Carolina Certification #: 530
New York Certification #: 11647
New Jersey Certification #: MN-002
Minnesota Certification #: 027-053-137
Maine Certification #: 2007029
Louisiana Certification #: LA080009
Louisiana Certification #: 03086
Kansas Certification #: E-10167
Iowa Certification #: 368
Illinois Certification #: 200011
Florida (Nelap) Certification #: E87605
California Certification #: 01155CA
Arizona Certification #: AZ-0014
Alaska Certification #: UST-078

Pace Analytical Services, Inc.
1700 Elm Street
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SAMPLE SUMMARY

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1082300001	LC-1	Air	10/07/08 08:09	10/08/08 09:39
1082300002	LC-2	Air	10/07/08 08:11	10/08/08 09:39
1082300003	LC-3	Air	10/07/08 08:12	10/08/08 09:39
1082300004	GV-6	Air	10/07/08 08:10	10/08/08 09:39
1082300005	GP-3	Air	10/07/08 08:13	10/08/08 09:39

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Minneapolis, MN 55414
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SAMPLE ANALYTE COUNT

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Lab ID	Sample ID	Method	Analysts	Analytes Reported
1082300001	LC-1	TO-14 Ambient Air	DB1	40
1082300002	LC-2	TO-14 Ambient Air	DB1	40
1082300003	LC-3	TO-14 Ambient Air	DB1	40
1082300004	GV-6	TO-14 Ambient Air	DB1	40
1082300005	GP-3	TO-14 Ambient Air	DB1	40

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ANALYTICAL RESULTS

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Sample: LC-1 **Lab ID: 1082300001** Collected: 10/07/08 08:09 Received: 10/08/08 09:39 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	**11.2**	ppbv	0.93	1.86		10/17/08 16:25	71-43-2	
Bromomethane	ND	ppbv	0.93	1.86		10/17/08 16:25	74-83-9	
Carbon tetrachloride	ND	ppbv	0.93	1.86		10/17/08 16:25	56-23-5	
Chlorobenzene	ND	ppbv	0.93	1.86		10/17/08 16:25	108-90-7	
Chloroethane	**27.2**	ppbv	0.93	1.86		10/17/08 16:25	75-00-3	
Chloroform	ND	ppbv	0.93	1.86		10/17/08 16:25	67-66-3	
Chloromethane	ND	ppbv	0.93	1.86		10/17/08 16:25	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	0.93	1.86		10/17/08 16:25	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.93	1.86		10/17/08 16:25	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	0.93	1.86		10/17/08 16:25	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.93	1.86		10/17/08 16:25	106-46-7	
Dichlorodifluoromethane	**2.8**	ppbv	0.93	1.86		10/17/08 16:25	75-71-8	
1,1-Dichloroethane	**26.4**	ppbv	0.93	1.86		10/17/08 16:25	75-34-3	
1,2-Dichloroethane	ND	ppbv	0.93	1.86		10/17/08 16:25	107-06-2	
1,1-Dichloroethene	ND	ppbv	0.93	1.86		10/17/08 16:25	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ppbv	0.93	1.86		10/17/08 16:25	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	0.93	1.86		10/17/08 16:25	156-60-5	
1,2-Dichloropropane	ND	ppbv	0.93	1.86		10/17/08 16:25	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	0.93	1.86		10/17/08 16:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	0.93	1.86		10/17/08 16:25	10061-02-6	
Dichlorotetrafluoroethane	ND	ppbv	0.93	1.86		10/17/08 16:25	76-14-2	
Ethylbenzene	ND	ppbv	0.93	1.86		10/17/08 16:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.93	1.86		10/17/08 16:25	87-68-3	
Methylene Chloride	**1.8**	ppbv	0.93	1.86		10/17/08 16:25	75-09-2	
Styrene	ND	ppbv	0.93	1.86		10/17/08 16:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.93	1.86		10/17/08 16:25	79-34-5	
Tetrachloroethene	ND	ppbv	0.93	1.86		10/17/08 16:25	127-18-4	
THC as Gas	**863**	ppbv	37.2	1.86		10/17/08 16:25		
Toluene	**1.9**	ppbv	0.93	1.86		10/17/08 16:25	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	0.93	1.86		10/17/08 16:25	120-82-1	
1,1,1-Trichloroethane	**1.9**	ppbv	0.93	1.86		10/17/08 16:25	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	0.93	1.86		10/17/08 16:25	79-00-5	
Trichloroethene	**1.4**	ppbv	0.93	1.86		10/17/08 16:25	79-01-6	
Trichlorofluoromethane	**1.1**	ppbv	0.93	1.86		10/17/08 16:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.93	1.86		10/17/08 16:25	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.93	1.86		10/17/08 16:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	0.93	1.86		10/17/08 16:25	108-67-8	
Vinyl chloride	ND	ppbv	0.93	1.86		10/17/08 16:25	75-01-4	
m&p-Xylene	ND	ppbv	1.9	1.86		10/17/08 16:25	1330-20-7	
o-Xylene	ND	ppbv	0.93	1.86		10/17/08 16:25	95-47-6	

Pace Analytical Services, Inc.
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Sample: LC-2 **Lab ID: 1082300002** Collected: 10/07/08 08:11 Received: 10/08/08 09:39 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	**37.2**	ppbv	16.8	33.6		10/17/08 16:55	71-43-2	
Bromomethane	ND	ppbv	16.8	33.6		10/17/08 16:55	74-83-9	
Carbon tetrachloride	ND	ppbv	16.8	33.6		10/17/08 16:55	56-23-5	
Chlorobenzene	ND	ppbv	16.8	33.6		10/17/08 16:55	108-90-7	
Chloroethane	**284**	ppbv	16.8	33.6		10/17/08 16:55	75-00-3	
Chloroform	ND	ppbv	16.8	33.6		10/17/08 16:55	67-66-3	
Chloromethane	ND	ppbv	16.8	33.6		10/17/08 16:55	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	16.8	33.6		10/17/08 16:55	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	16.8	33.6		10/17/08 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	16.8	33.6		10/17/08 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	16.8	33.6		10/17/08 16:55	106-46-7	
Dichlorodifluoromethane	**538**	ppbv	16.8	33.6		10/17/08 16:55	75-71-8	
1,1-Dichloroethane	ND	ppbv	16.8	33.6		10/17/08 16:55	75-34-3	
1,2-Dichloroethane	ND	ppbv	16.8	33.6		10/17/08 16:55	107-06-2	
1,1-Dichloroethene	ND	ppbv	16.8	33.6		10/17/08 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ppbv	16.8	33.6		10/17/08 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	16.8	33.6		10/17/08 16:55	156-60-5	
1,2-Dichloropropane	ND	ppbv	16.8	33.6		10/17/08 16:55	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	16.8	33.6		10/17/08 16:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	16.8	33.6		10/17/08 16:55	10061-02-6	
Dichlorotetrafluoroethane	**211**	ppbv	16.8	33.6		10/17/08 16:55	76-14-2	
Ethylbenzene	ND	ppbv	16.8	33.6		10/17/08 16:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	16.8	33.6		10/17/08 16:55	87-68-3	
Methylene Chloride	**18.3**	ppbv	16.8	33.6		10/17/08 16:55	75-09-2	
Styrene	ND	ppbv	16.8	33.6		10/17/08 16:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	16.8	33.6		10/17/08 16:55	79-34-5	
Tetrachloroethene	ND	ppbv	16.8	33.6		10/17/08 16:55	127-18-4	
THC as Gas	**9190**	ppbv	672	33.6		10/17/08 16:55		
Toluene	ND	ppbv	16.8	33.6		10/17/08 16:55	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	16.8	33.6		10/17/08 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	16.8	33.6		10/17/08 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	16.8	33.6		10/17/08 16:55	79-00-5	
Trichloroethene	ND	ppbv	16.8	33.6		10/17/08 16:55	79-01-6	
Trichlorofluoromethane	ND	ppbv	16.8	33.6		10/17/08 16:55	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	16.8	33.6		10/17/08 16:55	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	16.8	33.6		10/17/08 16:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	16.8	33.6		10/17/08 16:55	108-67-8	
Vinyl chloride	ND	ppbv	16.8	33.6		10/17/08 16:55	75-01-4	
m&p-Xylene	ND	ppbv	33.6	33.6		10/17/08 16:55	1330-20-7	
o-Xylene	ND	ppbv	16.8	33.6		10/17/08 16:55	95-47-6	

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ANALYTICAL RESULTS

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Sample: LC-3 **Lab ID: 1082300003** Collected: 10/07/08 08:12 Received: 10/08/08 09:39 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	ND	ppbv	0.84	1.68		10/19/08 16:18	71-43-2	
Bromomethane	ND	ppbv	0.84	1.68		10/19/08 16:18	74-83-9	
Carbon tetrachloride	ND	ppbv	0.84	1.68		10/19/08 16:18	56-23-5	
Chlorobenzene	ND	ppbv	0.84	1.68		10/19/08 16:18	108-90-7	
Chloroethane	ND	ppbv	0.84	1.68		10/19/08 16:18	75-00-3	
Chloroform	ND	ppbv	0.84	1.68		10/19/08 16:18	67-66-3	
Chloromethane	ND	ppbv	0.84	1.68		10/19/08 16:18	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	0.84	1.68		10/19/08 16:18	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.84	1.68		10/19/08 16:18	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	0.84	1.68		10/19/08 16:18	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.84	1.68		10/19/08 16:18	106-46-7	
Dichlorodifluoromethane	ND	ppbv	0.84	1.68		10/19/08 16:18	75-71-8	
1,1-Dichloroethane	ND	ppbv	0.84	1.68		10/19/08 16:18	75-34-3	
1,2-Dichloroethane	ND	ppbv	0.84	1.68		10/19/08 16:18	107-06-2	
1,1-Dichloroethene	ND	ppbv	0.84	1.68		10/19/08 16:18	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ppbv	0.84	1.68		10/19/08 16:18	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	0.84	1.68		10/19/08 16:18	156-60-5	
1,2-Dichloropropane	ND	ppbv	0.84	1.68		10/19/08 16:18	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	0.84	1.68		10/19/08 16:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	0.84	1.68		10/19/08 16:18	10061-02-6	
Dichlorotetrafluoroethane	ND	ppbv	0.84	1.68		10/19/08 16:18	76-14-2	
Ethylbenzene	ND	ppbv	0.84	1.68		10/19/08 16:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.84	1.68		10/19/08 16:18	87-68-3	
Methylene Chloride	**2.1**	ppbv	0.84	1.68		10/19/08 16:18	75-09-2	
Styrene	ND	ppbv	0.84	1.68		10/19/08 16:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.84	1.68		10/19/08 16:18	79-34-5	
Tetrachloroethene	ND	ppbv	0.84	1.68		10/19/08 16:18	127-18-4	
THC as Gas	**94.1**	ppbv	33.6	1.68		10/19/08 16:18		
Toluene	ND	ppbv	0.84	1.68		10/19/08 16:18	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	0.84	1.68		10/19/08 16:18	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	0.84	1.68		10/19/08 16:18	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	0.84	1.68		10/19/08 16:18	79-00-5	
Trichloroethene	**2.1**	ppbv	0.84	1.68		10/19/08 16:18	79-01-6	
Trichlorofluoromethane	ND	ppbv	0.84	1.68		10/19/08 16:18	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.84	1.68		10/19/08 16:18	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.84	1.68		10/19/08 16:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	0.84	1.68		10/19/08 16:18	108-67-8	
Vinyl chloride	ND	ppbv	0.84	1.68		10/19/08 16:18	75-01-4	
m&p-Xylene	ND	ppbv	1.7	1.68		10/19/08 16:18	1330-20-7	
o-Xylene	ND	ppbv	0.84	1.68		10/19/08 16:18	95-47-6	

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ANALYTICAL RESULTS

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Sample: GV-6 **Lab ID: 1082300004** Collected: 10/07/08 08:10 Received: 10/08/08 09:39 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	ND	ppbv	16.8	33.6		10/17/08 17:25	71-43-2	
Bromomethane	ND	ppbv	16.8	33.6		10/17/08 17:25	74-83-9	
Carbon tetrachloride	ND	ppbv	16.8	33.6		10/17/08 17:25	56-23-5	
Chlorobenzene	ND	ppbv	16.8	33.6		10/17/08 17:25	108-90-7	
Chloroethane	**42.3**	ppbv	16.8	33.6		10/17/08 17:25	75-00-3	
Chloroform	ND	ppbv	16.8	33.6		10/17/08 17:25	67-66-3	
Chloromethane	ND	ppbv	16.8	33.6		10/17/08 17:25	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	16.8	33.6		10/17/08 17:25	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	16.8	33.6		10/17/08 17:25	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	16.8	33.6		10/17/08 17:25	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	16.8	33.6		10/17/08 17:25	106-46-7	
Dichlorodifluoromethane	**93.6**	ppbv	16.8	33.6		10/17/08 17:25	75-71-8	
1,1-Dichloroethane	ND	ppbv	16.8	33.6		10/17/08 17:25	75-34-3	
1,2-Dichloroethane	ND	ppbv	16.8	33.6		10/17/08 17:25	107-06-2	
1,1-Dichloroethene	ND	ppbv	16.8	33.6		10/17/08 17:25	75-35-4	
cis-1,2-Dichloroethene	ND	ppbv	16.8	33.6		10/17/08 17:25	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	16.8	33.6		10/17/08 17:25	156-60-5	
1,2-Dichloropropane	ND	ppbv	16.8	33.6		10/17/08 17:25	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	16.8	33.6		10/17/08 17:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	16.8	33.6		10/17/08 17:25	10061-02-6	
Dichlorotetrafluoroethane	**21.4**	ppbv	16.8	33.6		10/17/08 17:25	76-14-2	
Ethylbenzene	ND	ppbv	16.8	33.6		10/17/08 17:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	16.8	33.6		10/17/08 17:25	87-68-3	
Methylene Chloride	ND	ppbv	16.8	33.6		10/17/08 17:25	75-09-2	
Styrene	ND	ppbv	16.8	33.6		10/17/08 17:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	16.8	33.6		10/17/08 17:25	79-34-5	
Tetrachloroethene	ND	ppbv	16.8	33.6		10/17/08 17:25	127-18-4	
THC as Gas	**4230**	ppbv	672	33.6		10/17/08 17:25		
Toluene	ND	ppbv	16.8	33.6		10/17/08 17:25	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	16.8	33.6		10/17/08 17:25	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	16.8	33.6		10/17/08 17:25	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	16.8	33.6		10/17/08 17:25	79-00-5	
Trichloroethene	ND	ppbv	16.8	33.6		10/17/08 17:25	79-01-6	
Trichlorofluoromethane	ND	ppbv	16.8	33.6		10/17/08 17:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	16.8	33.6		10/17/08 17:25	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	16.8	33.6		10/17/08 17:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	16.8	33.6		10/17/08 17:25	108-67-8	
Vinyl chloride	ND	ppbv	16.8	33.6		10/17/08 17:25	75-01-4	
m&p-Xylene	ND	ppbv	33.6	33.6		10/17/08 17:25	1330-20-7	
o-Xylene	ND	ppbv	16.8	33.6		10/17/08 17:25	95-47-6	

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ANALYTICAL RESULTS

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Sample: GP-3 **Lab ID: 1082300005** Collected: 10/07/08 08:13 Received: 10/08/08 09:39 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	ND	ppbv	0.87	1.74		10/17/08 15:47	71-43-2	
Bromomethane	ND	ppbv	0.87	1.74		10/17/08 15:47	74-83-9	
Carbon tetrachloride	ND	ppbv	0.87	1.74		10/17/08 15:47	56-23-5	
Chlorobenzene	ND	ppbv	0.87	1.74		10/17/08 15:47	108-90-7	
Chloroethane	ND	ppbv	0.87	1.74		10/17/08 15:47	75-00-3	
Chloroform	ND	ppbv	0.87	1.74		10/17/08 15:47	67-66-3	
Chloromethane	ND	ppbv	0.87	1.74		10/17/08 15:47	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	0.87	1.74		10/17/08 15:47	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.87	1.74		10/17/08 15:47	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	0.87	1.74		10/17/08 15:47	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.87	1.74		10/17/08 15:47	106-46-7	
Dichlorodifluoromethane	**7.2**	ppbv	0.87	1.74		10/17/08 15:47	75-71-8	
1,1-Dichloroethane	ND	ppbv	0.87	1.74		10/17/08 15:47	75-34-3	
1,2-Dichloroethane	ND	ppbv	0.87	1.74		10/17/08 15:47	107-06-2	
1,1-Dichloroethene	ND	ppbv	0.87	1.74		10/17/08 15:47	75-35-4	
cis-1,2-Dichloroethene	**1.9**	ppbv	0.87	1.74		10/17/08 15:47	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	0.87	1.74		10/17/08 15:47	156-60-5	
1,2-Dichloropropane	ND	ppbv	0.87	1.74		10/17/08 15:47	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	0.87	1.74		10/17/08 15:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	0.87	1.74		10/17/08 15:47	10061-02-6	
Dichlorotetrafluoroethane	**1.4**	ppbv	0.87	1.74		10/17/08 15:47	76-14-2	
Ethylbenzene	ND	ppbv	0.87	1.74		10/17/08 15:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	0.87	1.74		10/17/08 15:47	87-68-3	
Methylene Chloride	**1.1**	ppbv	0.87	1.74		10/17/08 15:47	75-09-2	
Styrene	**0.87**	ppbv	0.87	1.74		10/17/08 15:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.87	1.74		10/17/08 15:47	79-34-5	
Tetrachloroethene	ND	ppbv	0.87	1.74		10/17/08 15:47	127-18-4	
THC as Gas	**243**	ppbv	34.8	1.74		10/17/08 15:47		
Toluene	**2.7**	ppbv	0.87	1.74		10/17/08 15:47	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	0.87	1.74		10/17/08 15:47	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	0.87	1.74		10/17/08 15:47	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	0.87	1.74		10/17/08 15:47	79-00-5	
Trichloroethene	ND	ppbv	0.87	1.74		10/17/08 15:47	79-01-6	
Trichlorofluoromethane	ND	ppbv	0.87	1.74		10/17/08 15:47	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	0.87	1.74		10/17/08 15:47	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	0.87	1.74		10/17/08 15:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	0.87	1.74		10/17/08 15:47	108-67-8	
Vinyl chloride	ND	ppbv	0.87	1.74		10/17/08 15:47	75-01-4	
m&p-Xylene	**1.9**	ppbv	1.7	1.74		10/17/08 15:47	1330-20-7	
o-Xylene	ND	ppbv	0.87	1.74		10/17/08 15:47	95-47-6	

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QUALITY CONTROL DATA

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

QC Batch: AIR/7578 Analysis Method: TO-14 Ambient Air
QC Batch Method: TO-14 Ambient Air Analysis Description: TO14 MSV AIR - AMBIENT
Associated Lab Samples: 1082300001, 1082300002, 1082300004, 1082300005

METHOD BLANK: 539603 Matrix: Air
Associated Lab Samples: 1082300001, 1082300002, 1082300004, 1082300005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ppbv	ND	0.50	10/17/08 10:41	
1,1,2,2-Tetrachloroethane	ppbv	ND	0.50	10/17/08 10:41	
1,1,2-Trichloroethane	ppbv	ND	0.50	10/17/08 10:41	
1,1,2-Trichlorotrifluoroethane	ppbv	ND	0.50	10/17/08 10:41	
1,1-Dichloroethane	ppbv	ND	0.50	10/17/08 10:41	
1,1-Dichloroethene	ppbv	ND	0.50	10/17/08 10:41	
1,2,4-Trichlorobenzene	ppbv	ND	0.50	10/17/08 10:41	
1,2,4-Trimethylbenzene	ppbv	ND	0.50	10/17/08 10:41	
1,2-Dibromoethane (EDB)	ppbv	ND	0.50	10/17/08 10:41	
1,2-Dichlorobenzene	ppbv	ND	0.50	10/17/08 10:41	
1,2-Dichloroethane	ppbv	ND	0.50	10/17/08 10:41	
1,2-Dichloropropane	ppbv	ND	0.50	10/17/08 10:41	
1,3,5-Trimethylbenzene	ppbv	ND	0.50	10/17/08 10:41	
1,3-Dichlorobenzene	ppbv	ND	0.50	10/17/08 10:41	
1,4-Dichlorobenzene	ppbv	ND	0.50	10/17/08 10:41	
Benzene	ppbv	ND	0.50	10/17/08 10:41	
Bromomethane	ppbv	ND	0.50	10/17/08 10:41	
Carbon tetrachloride	ppbv	ND	0.50	10/17/08 10:41	
Chlorobenzene	ppbv	ND	0.50	10/17/08 10:41	
Chloroethane	ppbv	ND	0.50	10/17/08 10:41	
Chloroform	ppbv	ND	0.50	10/17/08 10:41	
Chloromethane	ppbv	ND	0.50	10/17/08 10:41	
cis-1,2-Dichloroethene	ppbv	ND	0.50	10/17/08 10:41	
cis-1,3-Dichloropropene	ppbv	ND	0.50	10/17/08 10:41	
Dichlorodifluoromethane	ppbv	ND	0.50	10/17/08 10:41	
Dichlorotetrafluoroethane	ppbv	ND	0.50	10/17/08 10:41	
Ethylbenzene	ppbv	ND	0.50	10/17/08 10:41	
Hexachloro-1,3-butadiene	ppbv	ND	0.50	10/17/08 10:41	
m&p-Xylene	ppbv	ND	1.0	10/17/08 10:41	
Methylene Chloride	ppbv	ND	0.50	10/17/08 10:41	
o-Xylene	ppbv	ND	0.50	10/17/08 10:41	
Styrene	ppbv	ND	0.50	10/17/08 10:41	
Tetrachloroethene	ppbv	ND	0.50	10/17/08 10:41	
THC as Gas	ppbv	ND	20.0	10/17/08 10:41	
Toluene	ppbv	ND	0.50	10/17/08 10:41	
trans-1,2-Dichloroethene	ppbv	ND	0.50	10/17/08 10:41	
trans-1,3-Dichloropropene	ppbv	ND	0.50	10/17/08 10:41	
Trichloroethene	ppbv	ND	0.50	10/17/08 10:41	
Trichlorofluoromethane	ppbv	ND	0.50	10/17/08 10:41	
Vinyl chloride	ppbv	ND	0.50	10/17/08 10:41	

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QUALITY CONTROL DATA

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

LABORATORY CONTROL SAMPLE: 539604

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ppbv	11	11.7	106	61-137	
1,1,2,2-Tetrachloroethane	ppbv	10.2	9.6	94	61-136	
1,1,2-Trichloroethane	ppbv	9.7	9.1	94	64-129	
1,1,2-Trichlorotrifluoroethane	ppbv	7.8	8.6	110	54-140	
1,1-Dichloroethane	ppbv	9	10.2	114	50-150	
1,1-Dichloroethene	ppbv	10.3	11.3	110	60-136	
1,2,4-Trichlorobenzene	ppbv	8.7	4.8	55	50-150	
1,2,4-Trimethylbenzene	ppbv	9.8	8.7	89	59-143	
1,2-Dibromoethane (EDB)	ppbv	10.3	10.0	97	69-137	
1,2-Dichlorobenzene	ppbv	10.2	9.3	91	56-148	
1,2-Dichloroethane	ppbv	10.9	11.3	104	61-134	
1,2-Dichloropropane	ppbv	11.7	11.0	94	64-134	
1,3,5-Trimethylbenzene	ppbv	10.5	10.0	95	61-139	
1,3-Dichlorobenzene	ppbv	10	10.2	102	63-140	
1,4-Dichlorobenzene	ppbv	10	9.1	91	57-143	
Benzene	ppbv	10	9.5	95	59-135	
Bromomethane	ppbv	9.8	10.6	108	50-150	
Carbon tetrachloride	ppbv	10.5	11.1	106	54-141	
Chlorobenzene	ppbv	10.4	10.0	96	69-136	
Chloroethane	ppbv	9.8	10.0	102	64-137	
Chloroform	ppbv	10.7	10.9	102	50-150	
Chloromethane	ppbv	9.9	9.7	98	64-134	
cis-1,2-Dichloroethene	ppbv	10.2	10.2	100	62-135	
cis-1,3-Dichloropropene	ppbv	12.6	12.8	101	62-140	
Dichlorodifluoromethane	ppbv	10.7	9.7	91	60-133	
Dichlorotetrafluoroethane	ppbv	9.7	8.8	91	62-135	
Ethylbenzene	ppbv	11.4	11.8	103	65-136	
Hexachloro-1,3-butadiene	ppbv	8	5.9	74	50-150	
m&p-Xylene	ppbv	20.8	21.6	104	67-132	
Methylene Chloride	ppbv	8.6	9.0	105	60-134	
o-Xylene	ppbv	10.2	10.4	102	65-132	
Styrene	ppbv	9.8	10.7	109	66-144	
Tetrachloroethene	ppbv	10.6	10.3	97	68-133	
Toluene	ppbv	10.3	9.6	93	61-135	
trans-1,2-Dichloroethene	ppbv	10.7	11.8	110	50-150	
trans-1,3-Dichloropropene	ppbv	10.9	10.7	99	66-140	
Trichloroethene	ppbv	10.1	10.9	108	67-132	
Trichlorofluoromethane	ppbv	9	11.3	125	57-140	
Vinyl chloride	ppbv	9.7	9.9	102	58-147	

SAMPLE DUPLICATE: 539794

Parameter	Units	1081910007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ppbv	ND	ND		30	
1,1,2,2-Tetrachloroethane	ppbv	ND	ND		30	
1,1,2-Trichloroethane	ppbv	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ppbv	3530000	3540000	.5	30	A3,E

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QUALITY CONTROL DATA

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

SAMPLE DUPLICATE: 539794

Parameter	Units	1081910007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethane	ppbv	ND	ND		30	
1,1-Dichloroethene	ppbv	32500	33500	3	30	
1,2,4-Trichlorobenzene	ppbv	ND	ND		30	
1,2,4-Trimethylbenzene	ppbv	ND	ND		30	
1,2-Dibromoethane (EDB)	ppbv	ND	ND		30	
1,2-Dichlorobenzene	ppbv	661000	736000	11	30	
1,2-Dichloroethane	ppbv	153000	152000	.8	30	
1,2-Dichloropropane	ppbv	ND	ND		30	
1,3,5-Trimethylbenzene	ppbv	ND	ND		30	
1,3-Dichlorobenzene	ppbv	53400	59200	10	30	
1,4-Dichlorobenzene	ppbv	133000	146000	9	30	
Benzene	ppbv	65800	64100	3	30	
Bromomethane	ppbv	ND	ND		30	
Carbon tetrachloride	ppbv	ND	ND		30	
Chlorobenzene	ppbv	99400	106000	6	30	
Chloroethane	ppbv	ND	ND		30	
Chloroform	ppbv	20000	19300	3	30	
Chloromethane	ppbv	ND	ND		30	
cis-1,2-Dichloroethene	ppbv	3420000	3390000	.9	30	E
cis-1,3-Dichloropropene	ppbv	ND	ND		30	
Dichlorodifluoromethane	ppbv	214000	211000	1	30	
Dichlorotetrafluoroethane	ppbv	ND	ND		30	
Ethylbenzene	ppbv	23500	28500	19	30	
Hexachloro-1,3-butadiene	ppbv	ND	ND		30	
m&p-Xylene	ppbv	80500	88200	9	30	
Methylene Chloride	ppbv	4460000	4470000	.4	30	E
o-Xylene	ppbv	21700	23400	7	30	
Styrene	ppbv	ND	ND		30	
Tetrachloroethene	ppbv	164000	172000	5	30	
THC as Gas	ppbv	25200000	25000000	1	30	
Toluene	ppbv	720000	700000	3	30	
trans-1,2-Dichloroethene	ppbv	ND	ND		30	
trans-1,3-Dichloropropene	ppbv	ND	ND		30	
Trichloroethene	ppbv	3530000	3510000	.7	30	E
Trichlorofluoromethane	ppbv	ND	ND		30	
Vinyl chloride	ppbv	319000	317000	.6	30	

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QUALITY CONTROL DATA

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

QC Batch: AIR/7590 Analysis Method: TO-14 Ambient Air
QC Batch Method: TO-14 Ambient Air Analysis Description: TO14 MSV AIR - AMBIENT
Associated Lab Samples: 1082300003

METHOD BLANK: 540367 Matrix: Air
Associated Lab Samples: 1082300003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ppbv	ND	0.50	10/19/08 15:15	
1,1,2,2-Tetrachloroethane	ppbv	ND	0.50	10/19/08 15:15	
1,1,2-Trichloroethane	ppbv	ND	0.50	10/19/08 15:15	
1,1,2-Trichlorotrifluoroethane	ppbv	ND	0.50	10/19/08 15:15	
1,1-Dichloroethane	ppbv	ND	0.50	10/19/08 15:15	
1,1-Dichloroethene	ppbv	ND	0.50	10/19/08 15:15	
1,2,4-Trichlorobenzene	ppbv	ND	0.50	10/19/08 15:15	
1,2,4-Trimethylbenzene	ppbv	ND	0.50	10/19/08 15:15	
1,2-Dibromoethane (EDB)	ppbv	ND	0.50	10/19/08 15:15	
1,2-Dichlorobenzene	ppbv	ND	0.50	10/19/08 15:15	
1,2-Dichloroethane	ppbv	ND	0.50	10/19/08 15:15	
1,2-Dichloropropane	ppbv	ND	0.50	10/19/08 15:15	
1,3,5-Trimethylbenzene	ppbv	ND	0.50	10/19/08 15:15	
1,3-Dichlorobenzene	ppbv	ND	0.50	10/19/08 15:15	
1,4-Dichlorobenzene	ppbv	ND	0.50	10/19/08 15:15	
Benzene	ppbv	ND	0.50	10/19/08 15:15	
Bromomethane	ppbv	ND	0.50	10/19/08 15:15	
Carbon tetrachloride	ppbv	ND	0.50	10/19/08 15:15	
Chlorobenzene	ppbv	ND	0.50	10/19/08 15:15	
Chloroethane	ppbv	ND	0.50	10/19/08 15:15	
Chloroform	ppbv	ND	0.50	10/19/08 15:15	
Chloromethane	ppbv	ND	0.50	10/19/08 15:15	
cis-1,2-Dichloroethene	ppbv	ND	0.50	10/19/08 15:15	
cis-1,3-Dichloropropene	ppbv	ND	0.50	10/19/08 15:15	
Dichlorodifluoromethane	ppbv	ND	0.50	10/19/08 15:15	
Dichlorotetrafluoroethane	ppbv	ND	0.50	10/19/08 15:15	
Ethylbenzene	ppbv	ND	0.50	10/19/08 15:15	
Hexachloro-1,3-butadiene	ppbv	ND	0.50	10/19/08 15:15	
m&p-Xylene	ppbv	ND	1.0	10/19/08 15:15	
Methylene Chloride	ppbv	ND	0.50	10/19/08 15:15	
o-Xylene	ppbv	ND	0.50	10/19/08 15:15	
Styrene	ppbv	ND	0.50	10/19/08 15:15	
Tetrachloroethene	ppbv	ND	0.50	10/19/08 15:15	
THC as Gas	ppbv	ND	20.0	10/19/08 15:15	
Toluene	ppbv	ND	0.50	10/19/08 15:15	
trans-1,2-Dichloroethene	ppbv	ND	0.50	10/19/08 15:15	
trans-1,3-Dichloropropene	ppbv	ND	0.50	10/19/08 15:15	
Trichloroethene	ppbv	ND	0.50	10/19/08 15:15	
Trichlorofluoromethane	ppbv	ND	0.50	10/19/08 15:15	
Vinyl chloride	ppbv	ND	0.50	10/19/08 15:15	

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QUALITY CONTROL DATA

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

LABORATORY CONTROL SAMPLE: 540368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ppbv	11	12.3	111	61-137	
1,1,2,2-Tetrachloroethane	ppbv	10.2	10.6	104	61-136	
1,1,2-Trichloroethane	ppbv	9.7	10.6	110	64-129	
1,1,2-Trichlorotrifluoroethane	ppbv	7.8	8.5	109	54-140	
1,1-Dichloroethane	ppbv	9	10.6	118	50-150	
1,1-Dichloroethene	ppbv	10.3	11.0	107	60-136	
1,2,4-Trichlorobenzene	ppbv	8.7	4.7	55	50-150	
1,2,4-Trimethylbenzene	ppbv	9.8	9.9	101	59-143	
1,2-Dibromoethane (EDB)	ppbv	10.3	11.2	109	69-137	
1,2-Dichlorobenzene	ppbv	10.2	10.8	106	56-148	
1,2-Dichloroethane	ppbv	10.9	11.9	109	61-134	
1,2-Dichloropropane	ppbv	11.7	12.3	105	64-134	
1,3,5-Trimethylbenzene	ppbv	10.5	10.9	104	61-139	
1,3-Dichlorobenzene	ppbv	10	11.5	115	63-140	
1,4-Dichlorobenzene	ppbv	10	10.6	106	57-143	
Benzene	ppbv	10	10.3	103	59-135	
Bromomethane	ppbv	9.8	10.3	105	50-150	
Carbon tetrachloride	ppbv	10.5	11.8	112	54-141	
Chlorobenzene	ppbv	10.4	11.1	106	69-136	
Chloroethane	ppbv	9.8	10.2	104	64-137	
Chloroform	ppbv	10.7	11.5	107	50-150	
Chloromethane	ppbv	9.9	9.6	97	64-134	
cis-1,2-Dichloroethene	ppbv	10.2	10.5	103	62-135	
cis-1,3-Dichloropropene	ppbv	12.6	14.7	116	62-140	
Dichlorodifluoromethane	ppbv	10.7	10.4	98	60-133	
Dichlorotetrafluoroethane	ppbv	9.7	8.9	92	62-135	
Ethylbenzene	ppbv	11.4	12.8	112	65-136	
Hexachloro-1,3-butadiene	ppbv	8	6.7	83	50-150	
m&p-Xylene	ppbv	20.8	23.2	112	67-132	
Methylene Chloride	ppbv	8.6	8.7	102	60-134	
o-Xylene	ppbv	10.2	11.8	115	65-132	
Styrene	ppbv	9.8	11.8	121	66-144	
Tetrachloroethene	ppbv	10.6	10.8	102	68-133	
THC as Gas	ppbv	610	569	93	50-150	
Toluene	ppbv	10.3	11.0	107	61-135	
trans-1,2-Dichloroethene	ppbv	10.7	11.8	110	50-150	
trans-1,3-Dichloropropene	ppbv	10.9	12.9	118	66-140	
Trichloroethene	ppbv	10.1	11.5	113	67-132	
Trichlorofluoromethane	ppbv	9	10.5	117	57-140	
Vinyl chloride	ppbv	9.7	9.9	102	58-147	

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QUALIFIERS

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

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.

ANALYTE QUALIFIERS

A3	The sample was analyzed by serial dilution.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08-7510 Cooper/City of Ripon
Pace Project No.: 1082300

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1082300001	LC-1	TO-14 Ambient Air	AIR/7578		
1082300002	LC-2	TO-14 Ambient Air	AIR/7578		
1082300004	GV-6	TO-14 Ambient Air	AIR/7578		
1082300005	GP-3	TO-14 Ambient Air	AIR/7578		
1082300003	LC-3	TO-14 Ambient Air	AIR/7590		

GEOTRANS, INC. LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	
PROJECT NO.	1011.005.11	Conductivity	
LOCATION	Ripon, WI	ORP	
PERSONNEL	Ashley A. Weimer	DO	

MONITOR WELL ID		P-114			P-115			P-116		
WATER TYPE		Groundwater			Groundwater			Groundwater		
DATE (month/day/year)		10-2-08			10-2-08			10-2-08		
STATIC WATER LEVEL (feet)*		19.52			22.73			26.63		
WELL DEPTH (feet)*		186.7			179.5			163.19		
PUMP INLET DEPTH (feet)*		184			179			163		
START PURGE TIME (Military)		1535			1440			1505		
END PURGE TIME (Military)		1545			1450			1515		
PURGE VOLUME (gallons)		1.0			1.0			1.0		
SAMPLE TIME (Military)		1550			1455			1520		
INDICATOR PARAMETERS		1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)		2:00	3:00	4:00	2:00	3:00	4:00	0:00	2:00	4:00
TEMPERATURE (° C)		10.72	10.49	10.42	10.94	10.63	10.74	12.25	11.49	11.19
pH		6.83	6.95	7.01	6.82	6.85	6.89	6.95	6.98	7.01
ELEC. COND. (uS/cm)	Measured									
	at 25° C	736	0.737	0.737	0647	0.651	0654	0.562	0.560	0.559
ORP (mV)		316	309	307	317	315	315	332	325	325
DISSOLVED OXYGEN (ppm)		3.90	2.47	2.34	4.18	3.13	2.44	5.01	3.31	2.76
DISSOLVED OXYGEN (% Sat.)		42.2	26.9	25.1	45.4	33.7	26.5	56.9	36.7	29.5
COLOR		clear			clear			red orange		
ODOR		none			none			none		
CLARITY		clear			clear			clear		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)		
	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No
NAME OF LABORATORY	Pace Analytical →		→
DATE SENT TO LAB			
SAMPLER'S NAME	Ashley A. Weimer →		→

*Measured from top of well casing.

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GeoTrans, Inc.

GEOTRANS, INC. FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	Hanna
PROJECT NO.	1011.005.11	Conductivity	↓
LOCATION	Ripon WI	ORP	NM
PERSONNEL	Ashley A. Weimer	DO	NM

SAMPLE POINT	MW-104	MW-108	MW-102	MW-112	MW-103
WATER TYPE	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
DATE (month/day/year)	10-1-08	10-2-08	10-2-08	10-2-08	10-2-08
CLOCK TIME (Military)	1810	1600	1630	1645	1655
DEPTH TO WATER (ft)*	52.6	26.02	20.22	53.56	50.50
MEASURED WELL DEPTH (ft)*	55.9	30.4	24.00	60.47	53.7
CASING VOLUME (gallons)					
PURGE VOLUME (gallons)	3	2.5	5	4	2.5
DEPTH SAMPLE TAKEN (ft)*	55	29.5	22	59	52.5
SAMPLING DEVICE	Ded. bailer →	→	Disposable Bailer	Ded. bailer →	→
FIELD TEMPERATURE (°C)	11.2	13.9	13.3	11.5	11.3
pH	6.77	6.69	6.88	6.83	6.69
ELEC. COND. (uS/cm) Measured	NA →	→	→	→	→
ELEC. COND. (uS/cm) at 25° C	1237	1002	6095	916	1411
ORP (mV)	NM →	→	→	→	→
DISSOLVED OXYGEN (ppm)	NM →	→	→	→	→
DISSOLVED OXYGEN (% Sat.)	NM →	→	→	→	→
COLOR	clear	clear	clear	clear	clear
ODOR	none	none	none	none	none
CLARITY	Slcloudy	clear	clear	clear	clear
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)				
	3-40mL; G; HCl: L: No	3-40mL; G; HCl: L: No	3-40mL; G; HCl: L: No	3-40mL; G; HCl: L: No	3-40mL; G; HCl: L: No
NAME OF LABORATORY	Pace Analytical →	→	→	→	→
DATE SENT TO LAB					
SAMPLER'S NAME	Ashley A. Weimer →	→	→	→	→

*Measured from top of well casing.

GEOTRANS, INC. FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	Hanna
PROJECT NO.	1011.005.11	Conductivity	↓
LOCATION	Ripon, WI	ORP	NM
PERSONNEL	Ashley A. Weimer	DO	NM

SAMPLE POINT		Perry/Watkins	Gaastra	Rohde	P-102	MW-107
WATER TYPE		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
DATE (month/day/year)		10-3-08	10-3-08	10-3-08	10-2-08	10-1-08
CLOCK TIME (Military)		955	1010	1045	1710	1830
DEPTH TO WATER (ft)*		———	———	———	20.18	50.74
MEASURED WELL DEPTH (ft)*		———	———	———	61.56	55.32
CASING VOLUME (gallons)						
PURGE VOLUME (gallons)		100 gal	100 gal	100 gal	35	4
DEPTH SAMPLE TAKEN (ft)*		——→	——→	——→	50	54
SAMPLING DEVICE		Spigot	Spigot	Spigot	Disposable bailer	Dedbailer
FIELD TEMPERATURE (°C)		9.5	10.0	10.7	11.7	10.1
pH		7.52	7.56	5.96	7.22	6.86
ELEC. COND. (uS/cm)	Measured	NA	NA	NA	NA	NA
	at 25° C	482	454	483	702	1240
ORP (mV)		NM	NM	NM	NM	NM
DISSOLVED OXYGEN (ppm)		NM	NM	NM	NM	NM
DISSOLVED OXYGEN (% Sat.)		NM	NM	NM	NM	NM
COLOR		clear	clear	clear	clear	tan/orange
ODOR		none	none	none	none	none
CLARITY		clear	clear	clear	clear	turbid
SAMPLING PARAMETERS		# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)				
		3-40mL; G; HCl; L; No	3-40mL; G; HCl; L; No	3-40mL; G; HCl; L; No	3-40mL; G; HCl; L; No	3-40mL; G; HCl; L; No
NAME OF LABORATORY		Pace Analytical	——→	——→	——→	——→
DATE SENT TO LAB						
SAMPLER'S NAME		Ashley A. Weimer	——→	——→	——→	——→

*Measured from top of well casing.

GEOTRANS, INC. LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	
PROJECT NO.	1011.005.11	Conductivity	
LOCATION	Ripon, WI	ORP	
PERSONNEL	Ashley A. Weimer	DO	

MONITOR WELL ID		P-103D/MW			P-106			P-107		
WATER TYPE		Groundwater			Groundwater			Groundwater		
DATE (month/day/year)		10-2-08			10-1-08			10-1-08		
STATIC WATER LEVEL (feet)*		50.81			56.27			50.29		
WELL DEPTH (feet)*		192.7			87.18			85.8		
PUMP INLET DEPTH (feet)*		190			86			86		
START PURGE TIME (Military)		1227			1407			1645		
END PURGE TIME (Military)		1240			1420			1700		
PURGE VOLUME (gallons)		1.0			1.0			1.0		
SAMPLE TIME (Military)		1245/1250			1435			1705		
INDICATOR PARAMETERS		1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)		0:00	1:00	2:00	0	1	2	0	1	2
TEMPERATURE (° C)		10.83	10.70	10.69	11.05	11.00	10.95	10.31	10.27	10.24
pH		6.83	6.84	6.85	6.68	6.66	6.66	6.64	6.65	6.66
ELEC. COND. (~~uS~~/cm)	Measured									
	at 25° C	0.867	0.871	0.877	0.000	0.001	0.000	0.928	0.926	0.923
ORP (mV)		334	329	327	371	370	370	351	350	350
DISSOLVED OXYGEN (ppm)		5.57	4.17	3.40	3.46	3.28	2.95	4.46	3.48	3.03
DISSOLVED OXYGEN (% Sat.)		60.9	45.4	36.7	36.8	35.6	31.2	47.8	37.3	32.2
COLOR		clear			clear			clear		
ODOR		none			none			none		
CLARITY		clear			clear			clear		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)		
	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No
NAME OF LABORATORY	Pace Analytical →		→
DATE SENT TO LAB			
SAMPLER'S NAME	Ashley A. Weimer →		→

*Measured from top of well casing.

GeoTrans, Inc.

GEOTRANS, INC. LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	
PROJECT NO.	1011.005.11	Conductivity	
LOCATION	Ripon, WI	ORP	
PERSONNEL	Ashley A. Weimer	DO	

MONITOR WELL ID	P-107 D			P-111 D			P-113B		
WATER TYPE	Groundwater			Groundwater			Groundwater		
DATE (month/day/year)	10-1-08			10-2-08			10-1-08		
STATIC WATER LEVEL (feet)*	51.11			35.00			13.00		
WELL DEPTH (feet)*	328			151			198.9		
PUMP INLET DEPTH (feet)*	322.5			151			198		
START PURGE TIME (Military)	1730			1015			1605		
END PURGE TIME (Military)	1745			1025			1612		
PURGE VOLUME (gallons)	1.0			1.5			1.0		
SAMPLE TIME (Military)	1755			1030			1618		
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)	1	2	3	1	2	3	1:00	2:00	3:00
TEMPERATURE (° C)	10.60	10.49	10.41	10.18	10.01	9.960	10.70	10.63	10.58
pH	6.90	6.89	6.89	7.01	7.04	7.07	7.20	7.18	7.12
ELEC. COND. (uS/cm) Measured									
ELEC. COND. (uS/cm) at 25° C	0.604	0.604	0.607	0.911	0.911	0.907	0.673	0.673	0.674
ORP (mV)	362	355	354	328	328	330	336	330	328
DISSOLVED OXYGEN (ppm)	6.63	5.81	4.48	5.13	2.60	2.31	3.81	2.97	2.47
DISSOLVED OXYGEN (% Sat.)	71.7	62.5	48.1	55.9	28.1	24.5	41.5	32.1	26.6
COLOR	clear			clear			clear		
ODOR	rotten eggs			none			sl. rotten eggs		
CLARITY	clear						clear		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)		
	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No
NAME OF LABORATORY	Pace Analytical →		→
DATE SENT TO LAB			
SAMPLER'S NAME	Ashley A Weimer →		→

*Measured from top of well casing.

GeoTrans, Inc.

GeoTrans, Inc.

Water Levels

FF/NN Landfill, Ripon, WI

Date: 9.25.08 Personnel: Jack Wendler

Well Name	TOC Elevation	Depth to Water	Comments
MW-101	884.80	62.19	
P-101	885.26	62.70	
MW-102	843.05	20.28	
P-102	842.99	20.25	
MW-103	872.42	50.37	
P-103	872.92	50.35	
P-103D	873.08	50.93	
MW-104	875.15	52.61	
P-104	875.48	52.70	
MW-106	878.90	56.20	
P-106	878.91	56.28	
MW-107	871.78	50.62	
P-107	871.38	50.28	
P-107D	871.98	51.08	
MW-108	845.25	25.97	
P-108	845.61	23.47	
MW-111	856.46	36.69	
P-111	856.13	36.78	
P-111D	855.79	35.05	
MW-112	874.55	53.47	
P-113A	833.09	12.64	
P-113B	833.10	13.01	
P-114 (Ehster)	839.35	19.56	
P-115 (Wiese)	842.71	22.74	
P-116 (Hadel)	845.34	28.53	
MW-3A	850.77	29.20	
MW-3B	851.04	29.56	
*take measurements from 113, 107, 3A-3B well nests consecutively			

GeoTrans, Inc.

Water Levels

FF/NN Landfill, Ripon, WI

Date: 10/1 - 10/3/08 **Personnel:** Ashley A. Weimer

Well Name	TOC Elevation	Depth to Water	Comments
MW-101	884.80	62.17	10-1
P-101	885.26	62.67	10-1
MW-102	843.05	20.22	10-1
P-102	842.99	20.18	10-1
MW-103	872.42	50.50	10-2
P-103	872.92	50.26	10-2
P-103D	873.08	50.81	10-2
MW-104	875.15	52.60	10-1
P-104	875.48	52.74	10-1
MW-106	878.90	56.15	10-1
P-106	878.91	56.27	10-1
MW-107	871.78	50.74	10-1
P-107	871.38	50.29	10-1
P-107D	871.98	51.11	10-1
MW-108	845.25	26.02	10-2
P-108	845.61	23.56	10-2
MW-111	856.46	36.71	10-2
P-111	856.13	36.90	10-2
P-111D	855.79	35.00	10-2
MW-112	874.55	53.56	10-2
P-113A	833.09	12.56	10-1
P-113B	833.10	13.00	10-1
P-114 (Ehster)	839.35	19.52	10-2
P-115 (Wiese)	842.71	22.73	10-2
P-116 (Hadel)	845.34	26.63	10-2
MW-3A	850.77	29.15	10-1
MW-3B	851.04	29.54	10-1
LC-1	873.15	couldn't get	10-3
LC-2	866.05	open	10-3
LC-3	877.34		10-3

GEOTRANS, INC. LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	
PROJECT NO.	1011.005.11	Conductivity	
LOCATION	Ripon, WI	ORP	
PERSONNEL	Ashley A. Weimer	DO	

MONITOR WELL ID		MW-3A			MW-3B			P-103/DUP		
WATER TYPE		Groundwater			Groundwater			Groundwater		
DATE (month/day/year)		10-1-08			10-1-08			10-2-08		
STATIC WATER LEVEL (feet)*		29.15			29.54			50.26		
WELL DEPTH (feet)*								83.0		
PUMP INLET DEPTH (feet)*								81.5		
START PURGE TIME (Military)		1520			1500			1255		
END PURGE TIME (Military)		1535			1510			1305		
PURGE VOLUME (gallons)		2.0			2.0			1.0		
SAMPLE TIME (Military)		1540			1515			1310/1315		
INDICATOR PARAMETERS		1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)		6:00	7:00	8:00	2:00	3:00	4:00	0:00	1:00	2:00
TEMPERATURE (° C)		9.90	9.88	9.84	9.70	9.69	9.69	10.66	10.78	10.80
pH		6.89	6.89	6.89	6.90	6.90	6.90	6.64	6.70	6.70
ELEC. COND. (uS/cm)	Measured									
	at 25° C	0.589	0.590	0.591	0.653	0.650	0.646	0.892	0.888	0.888
ORP (mV)		305	300	297	324	334	334	326	325	323
DISSOLVED OXYGEN (ppm)		7.68	6.29	7.35	1.29	1.18	1.35	1.98	1.41	1.37
DISSOLVED OXYGEN (% Sat.)		82.3	66.1	77.8	13.6	12.5	14.3	21.7	15.4	14.8
COLOR		clear			clear			clear		
ODOR		weak			some			none		
CLARITY		clear			clear			clear		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)		
	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No
NAME OF LABORATORY	Pace Analytical →		→
DATE SENT TO LAB			
SAMPLER'S NAME	Ashley A. Weimer →		→

*Measured from top of well casing.

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ATTACHMENT D

GROUNDWATER SAMPLING FIELD FORMS

GeoTrans, Inc.

Water Levels

FF/NN Landfill, Ripon, WI

Date: 10/1 – 10/3/08 **Personnel:** Ashley A. Weimer

Well Name	TOC Elevation	Depth to Water	Comments
MW-101	884.80	62.17	10-1
P-101	885.26	62.67	10-1
MW-102	843.05	20.22	10-1
P-102	842.99	20.18	10-1
MW-103	872.42	50.50	10-1
P-103	872.92	50.26	10-2
P-103D	873.08	50.81	10-2
MW-104	875.15	52.60	10-1
P-104	875.48	52.74	10-1
MW-106	878.90	56.15	10-1
P-106	878.91	56.27	10-1
MW-107	871.78	50.74	10-1
P-107	871.38	50.29	10-1
P-107D	871.98	51.11	10-1
MW-108	845.25	26.02	10-2
P-108	845.61	23.56	10-2
MW-111	856.46	36.71	10-2
P-111	856.13	36.90	10-2
P-111D	855.79	35.00	10-2
MW-112	874.55	53.56	10-2
P-113A	833.09	12.56	10-1
P-113B	833.10	13.00	10-1
P-114 (Ehster)	839.35	19.52	10-2
P-115 (Wiese)	842.71	22.73	10-2
P-116 (Hadel)	845.34	26.63	10-2
MW-3A	850.77	29.15	10-1
MW-3B	851.04	29.54	10-1
LC-1	873.15	couldn't get	10-3
LC-2	866.05	open	10-3
LC-3	877.34		

GeoTrans, Inc.

Water Levels

FF/NN Landfill, Ripon, WI

Date: 9.25.08 Personnel: Jack Wendler

Well Name	TOC Elevation	Depth to Water	Comments
MW-101	884.80	62.19	
P-101	885.26	62.70	
MW-102	843.05	20.28	
P-102	842.99	20.25	
MW-103	872.42	50.37	
P-103	872.92	50.35	
P-103D	873.08	50.93	
MW-104	875.15	52.61	
P-104	875.48	52.70	
MW-106	878.90	56.20	
P-106	878.91	56.28	
MW-107	871.78	50.62	
P-107	871.38	50.28	
P-107D	871.98	51.08	
MW-108	845.25	25.97	
P-108	845.61	23.47	
MW-111	856.46	36.69	
P-111	856.13	36.78	
P-111D	855.79	35.05	
MW-112	874.55	53.47	
P-113A	833.09	12.64	
P-113B	833.10	13.01	
P-114 (Ehster)	839.35	19.56	
P-115 (Wiese)	842.71	22.74	
P-116 (Hadel)	845.34	28.53	
MW-3A	850.77	29.20	
MW-3B	851.04	29.56	
*take measurements from 113, 107, 3A-3B well nests consecutively			

GEOTRANS, INC. LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	
PROJECT NO.	1011.005.11	Conductivity	
LOCATION	Ripon, WI	ORP	
PERSONNEL	Ashley A. Weimer	DO	

MONITOR WELL ID		P-107 D			P-111 D			P-113B		
WATER TYPE		Groundwater			Groundwater			Groundwater		
DATE (month/day/year)		10-1-08			10-2-08			10-1-08		
STATIC WATER LEVEL (feet)*		51.11			35.00			13.00		
WELL DEPTH (feet)*		328			151			198.9		
PUMP INLET DEPTH (feet)*		322.5			151			198		
START PURGE TIME (Military)		1730			1015			1605		
END PURGE TIME (Military)		1745			1025			1612		
PURGE VOLUME (gallons)		1.0			1.5			1.0		
SAMPLE TIME (Milltary)		1755			1030			1618		
INDICATOR PARAMETERS		1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)		1	2	3	1	2	3	1:00	2:00	3:00
TEMPERATURE (° C)		10.60	10.49	10.41	10.18	10.01	9.96	10.70	10.68	10.58
pH		6.90	6.89	6.89	7.01	7.04	7.07	7.20	7.18	7.12
ELEC. COND. (uS/cm)	Measured									
	at 25° C	0.604	0.604	0.607	0.911	0.911	0.907	0.673	0.673	0.674
ORP (mV)		362	355	354	328	328	330	336	330	328
DISSOLVED OXYGEN (ppm)		6.63	5.81	4.48	5.13	2.60	2.31	3.81	2.97	2.47
DISSOLVED OXYGEN (% Sat.)		71.7	62.5	48.1	55.9	28.1	24.5	41.5	32.1	26.6
COLOR		clear			clear			clear		
ODOR		rotten eggs			none			Sl. rotten eggs		
CLARITY		clear						clear JJ		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)		
	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No
NAME OF LABORATORY	Pace Analytical	→	→
DATE SENT TO LAB			
SAMPLER'S NAME	Ashley A Weimer	→	→

*Measured from top of well casing.

GeoTrans, Inc.

GEOTRANS, INC. LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	
PROJECT NO.	1011.005.11	Conductivity	
LOCATION	Ripon, WI	ORP	
PERSONNEL	Ashley A. Weimer	DO	

MONITOR WELL ID		P-103D/DUP			P-106			P-107		
WATER TYPE		Groundwater			Groundwater			Groundwater		
DATE (month/day/year)		10-2-08			10-1-08			10-1-08		
STATIC WATER LEVEL (feet)*		50.81			56.27			50.29		
WELL DEPTH (feet)*		192.7			87.18			85.8		
PUMP INLET DEPTH (feet)*		190			86			86		
START PURGE TIME (Military)		1227			1407			1645		
END PURGE TIME (Military)		1240			1420			1700		
PURGE VOLUME (gallons)		1.0			1.0			1.0		
SAMPLE TIME (Military)		1245/1250			1435			1705		
INDICATOR PARAMETERS		1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)		0:00	1:00	2:00	0	1	2	0	1	2
TEMPERATURE (° C)		10.83	10.70	10.69	11.05	11.00	10.95	10.31	10.27	10.24
pH		6.83	6.84	6.85	6.68	6.66	6.66	6.64	6.65	6.66
ELEC. COND. (~~uS~~/cm)	Measured									
	at 25° C	0.867	0.871	0.877	0.000	0.001	0.000	0.928	0.926	0.923
ORP (mV)		334	329	327	371	370	370	351	350	350
DISSOLVED OXYGEN (ppm)		5.57	4.17	3.40	2.46	3.28	2.95	4.46	3.48	3.103
DISSOLVED OXYGEN (% Sat.)		60.9	45.4	36.7	26.8	35.6	31.2	47.8	37.3	33.2
COLOR		clear			clear			clear		
ODOR		none			none			none		
CLARITY		clear			clear			clear		
SAMPLING PARAMETERS		# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
		3-40 mL; G; HCl; L; No			3-40 mL; G; HCl; L; No			3-40 mL; G; HCl; L; No		
NAME OF LABORATORY		Pace Analytical →						→		
DATE SENT TO LAB										
SAMPLER'S NAME		Ashley A. Weimer →						→		

*Measured from top of well casing.

GeoTrans, Inc.

GEOTRANS, INC. FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	Hanna
PROJECT NO.	1011.005.11	Conductivity	↓
LOCATION	Ripon WI	ORP	NM
PERSONNEL	Ashley A. Weimer	DO	NM

SAMPLE POINT	Terry/Watkins	Gaastra	Rohde	P-103	MW-107
WATER TYPE	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
DATE (month/day/year)	10-3-08	10-3-08	10-3-08	10-2-08	10-1-08
CLOCK TIME (Military)	955	1010	1045	1710	1830
DEPTH TO WATER (ft)*	———	———	———	20.18	50.74
MEASURED WELL DEPTH (ft)*	———	———	———	61.56	55.32
CASING VOLUME (gallons)					
PURGE VOLUME (gallons)	100 gal	100 gal	100 gal	35	4
DEPTH SAMPLE TAKEN (ft)*	———	———	———	50	54
SAMPLING DEVICE	Spigot	Spigot	Spigot	Disposable bailer	Dedicated bailer
FIELD TEMPERATURE (°C)	9.5	10.0	10.7	11.7	10.1
pH	7.52	7.56	5.96	7.22	6.86
ELEC. COND. (uS/cm) Measured	NA	NA	NA	NA	NA
ELEC. COND. (uS/cm) at 25° C	482	454	483	702	1240
ORP (mV)	NM	NM	NM	NM	NM
DISSOLVED OXYGEN (ppm)	NM	NM	NM	NM	NM
DISSOLVED OXYGEN (% Sat.)	NM	NM	NM	NM	NM
COLOR	clear	clear	clear	clear	tan/orange
ODOR	none	none	none	none	none
CLARITY	Clear	Clear	clear	clear	turbid
SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)				
	3-40mL; G; HCl; L; No	3-40mL; G; HCl; L; No	3-40mL; G; HCl; L; No	3-40mL; G; HCl; L; No	3-40mL; G; HCl; L; No
NAME OF LABORATORY	Pace Analytical	———	———	———	→
DATE SENT TO LAB					
SAMPLER'S NAME	Ashley A. Weimer	———	———	———	→

*Measured from top of well casing.

GeoTrans, Inc.

GEOTRANS, INC. FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION			INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	Hanna	
PROJECT NO.	1011.005.11	Conductivity	↓	
LOCATION	Ripon WI	ORP	NM	
PERSONNEL	Ashley A. Weimer	DO	NM	

SAMPLE POINT	MW-104	MW-108	MW-102	MW-112	MW-103
WATER TYPE	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
DATE (month/day/year)	10-1-08	10-2-08	10-2-08	10-2-08	10-2-08
CLOCK TIME (Military)	1810	1600	1630	1645	1655
DEPTH TO WATER (ft)*	52.60	26.62	20.22	53.56	50.50
MEASURED WELL DEPTH (ft)*	55.9	30.4	24.00	60.47	53.7
CASING VOLUME (gallons)					
PURGE VOLUME (gallons)	3	2.5	5	4	2.5
DEPTH SAMPLE TAKEN (ft)*	55	29.5	22	59	52.5
SAMPLING DEVICE	Ded. bailer →		Disposable Bailer	Ded. bailer →	
FIELD TEMPERATURE (°C)	11.2	13.9	13.3	11.5	11.3
pH	6.77	6.69	6.88	6.83	6.69
ELEC. COND. (uS/cm) Measured	NA				→
ELEC. COND. (uS/cm) at 25° C	1237	1002	6095	9160	1411
ORP (mV)	NM				→
DISSOLVED OXYGEN (ppm)	NM				→
DISSOLVED OXYGEN (% Sat.)	NM				→
COLOR	clear	clear	clear	clear	clear
ODOR	none	none	none	none	none
CLARITY	Sl. cloudy	clear	clear	clear	clear

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A = AMBER GLASS; G = GLASS; P = PLASTIC); PRESERVATIVE TYPE (L = LAB ADDED; F = FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)				
	3-40mL; G; HCl: L: No	3-40mL; G; HCl: L: No	3-40mL; G; HCl: L: No	3-40mL; G; HCl: L: No	3-40mL; G; HCl: L: No
NAME OF LABORATORY	Pace Analytical →				
DATE SENT TO LAB					
SAMPLER'S NAME	Ashley M. Weimer →				

*Measured from top of well casing.

GEOTRANS, INC. LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	
PROJECT NO.	1011.005.11	Conductivity	
LOCATION	Ripon, WI	ORP	
PERSONNEL	Ashley A. Weimer	DO	

MONITOR WELL ID		P-114			P-115			P-116		
WATER TYPE		Groundwater			Groundwater			Groundwater		
DATE (month/day/year)		10-2-08			10-2-08			10-2-08		
STATIC WATER LEVEL (feet)*		19.52			22.73			26.63		
WELL DEPTH (feet)*		? 186.7			179.5			1103.19		
PUMP INLET DEPTH (feet)*		184			179			1103		
START PURGE TIME (Military)		1535			1440			1505		
END PURGE TIME (Military)		1545			1450			1515		
PURGE VOLUME (gallons)		1.0			1.0			1.0		
SAMPLE TIME (Military)		1550			1455			1520		
INDICATOR PARAMETERS		1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)		2:00	3:00	4:00	2:00	3:00	4:00	0:00	2:00	4:00
TEMPERATURE (° C)		10.72	11.49	10.42	10.94	10.63	10.74	12.25	11.49	11.19
pH		6.83	6.95	7.01	6.82	6.85	6.89	6.95	6.98	7.01
ELEC. COND. (uS/cm)	Measured									
	at 25° C	736	0.737	0.737	0.647	0.651	0.654	0.562	0.560	0.559
ORP (mV)		316	309	307	317	315	315	332	325	325
DISSOLVED OXYGEN (ppm)		3.90	2.47	2.34	4.18	3.13	2.44	5.01	3.31	2.76
DISSOLVED OXYGEN (% Sat.)		42.2	26.9	25.1	45.4	33.7	26.5	56.9	36.7	29.5
COLOR		clear			clear			red orange		
ODOR		none			none			none		
CLARITY		clear			clear			clear		
SAMPLING PARAMETERS		# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)								
		3-40 mL; G; HCl; L; No			3-40 mL; G; HCl; L; No			3-40 mL; G; HCl; L; No		
NAME OF LABORATORY		Pace Analytical →						→		
DATE SENT TO LAB										
SAMPLER'S NAME		Ashley A. Weimer →						→		

*Measured from top of well casing.

GeoTrans, Inc.

GEOTRANS, INC. LOW-FLOW METHOD FIELD WATER QUALITY SAMPLING AND ANALYSIS FORM

PROJECT INFORMATION		INSTRUMENTS	
PROJECT	FF/NN Landfill Group	Temp. & pH	
PROJECT NO.	1011.005.11	Conductivity	
LOCATION	Ripon, WI	ORP	
PERSONNEL	Ashley A. Weimer	DO	

MONITOR WELL ID		MW-3A			MW-3B			P-103/DUP		
WATER TYPE		Groundwater			Groundwater			Groundwater		
DATE (month/day/year)		10-1-08			10-1-08			10-2-08		
STATIC WATER LEVEL (feet)*		29.15			29.54			50.26		
WELL DEPTH (feet)*								83.0		
PUMP INLET DEPTH (feet)*								81.5		
START PURGE TIME (Military)		1520			1500			1255		
END PURGE TIME (Military)		1535			1510			1305		
PURGE VOLUME (gallons)		2.0			2.0			1.0		
SAMPLE TIME (Military)		1540			1515			1310/1315		
INDICATOR PARAMETERS		1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
TIME (minutes)		6:00	7:00	8:00	2:00	3:00	4:00	0:00	1:00	2:00
TEMPERATURE (° C)		9.90	9.88	9.84	9.70	9.69	9.69	10.66	10.78	10.80
pH		6.89	6.89	6.89	6.90	6.90	6.90	6.64	6.70	6.70
ELEC. COND. (uS/cm)	Measured									
	at 25° C	0.589	0.590	0.591	0.653	0.650	0.646	0.892	0.888	0.888
ORP (mV)		305	300	297	324	334	334	326	325	323
DISSOLVED OXYGEN (ppm)		7.68	6.29	7.35	1.29	1.18	1.35	1.98	1.41	1.37
DISSOLVED OXYGEN (% Sat.)		89.3	66.1	77.8	13.6	12.5	14.3	21.7	15.4	14.8
COLOR		clear			clear			clear		
ODOR		weak			some			none		
CLARITY		clear			clear			clear		

SAMPLING PARAMETERS	# OF CONTAINERS & VOLUME; CONTAINER TYPE (A=AMBER; G=GLASS; P=PLASTIC); PRESERVATIVE TYPE (L=LAB ADDED; F=FIELD ADDED) OR NEUTRAL; FILTERED (YES or NO)		
	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No	3-40 mL; G; HCl; L; No
NAME OF LABORATORY	Pace Analytical →		→
DATE SENT TO LAB			
SAMPLER'S NAME	Ashley A. Weimer →		→

*Measured from top of well casing.

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GeoTrans, Inc.

ATTACHMENT E

LANDFILL GAS EXTRACTION SYSTEM MONITORING FIELD FORMS

GeoTrans, Inc.

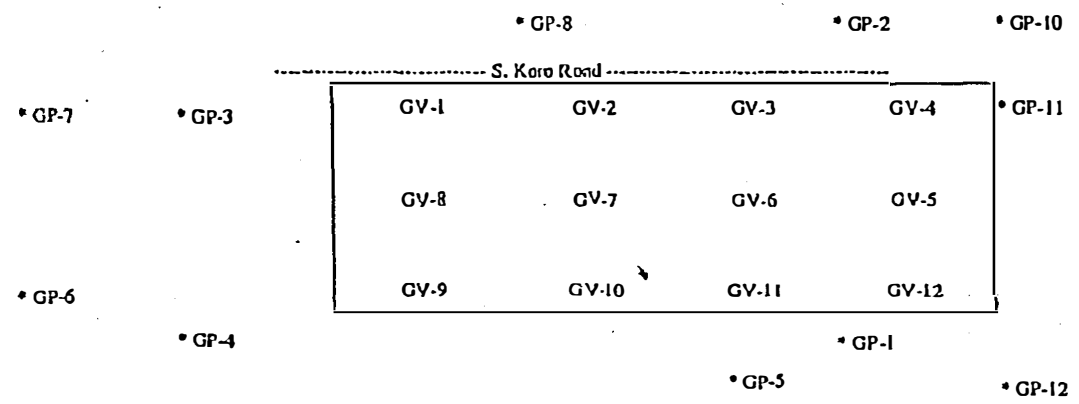
GAS PROBE DATA

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

Barometric Pressure: 28.9 Hg
Temperature (ambient): 84° F
Measuring Device: Eagle 4

LEL* Gage reading

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (fU/min)	Pressure (in H^2O)	Comments
7.7.08	1030	Background	0 *	0.0	20.9	0		
	1110	LC-1	6.0	19.4	1.3	1354		
	1045	LC-2	32.0	27.0	1.7	813		
	1035	LC-3	10.5	17.0	4.9	1514		
		GV-1						
		GV-4						
	1120	GV-6	5.5	20.0	0.0	57		
		GV-7						
		GV-9						
		GV-12						
	1055	GP-1	8.5	11.5	0	—		



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GeoTrans, Inc.

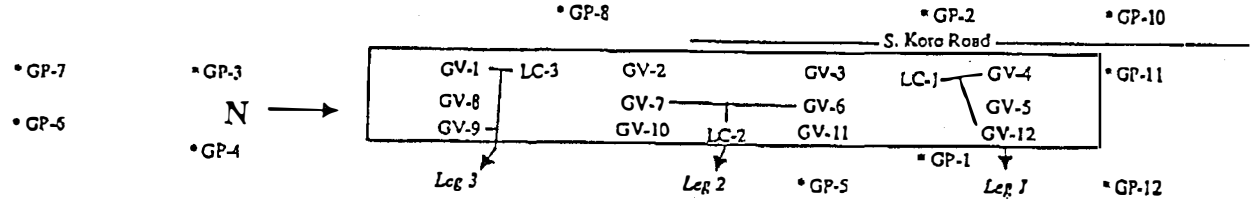
GAS PROBE DATA

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

Barometric Pressure: 29.0 Hg
Temperature (ambient): 77 F
Measuring Device: Eagle IV Gauge

LEL *

Date	Time	Measurement Point	% CH_4	% CO_2	% O_2	Velocity Comments ft/min
7.21.08	1025	Background	0 *	0.0	20.9	0
	1225	LC-1	6.5	20.6	1.1	1166
	1220	LC-2	34.5	28.2	1.5	604
	1215	LC-3	10.5	19.0	4.1	659
	1130	MW-101	0 *	3.0	20.9	
	1210	MW-102	0 *	1.6	16.4	
	1040	MW-103	0 *	0.0	20.9	
	1230	MW-104	0 *	0.0	20.9	
		GV-1				
		GV-4				
	1225	GV-6	7.5	20.8	1.3	256
		GV-7				
		GV-9				
		GV-12				
	1150	GP-1	13.5	11.8	0.0	
	1105	GP-2	0 *	0.6	20.4	
	1030	GP-3	0 *	0.0	20.9	
	1045	GP-4	0 *	1.2	19.2	
	1205	GP-5	0 *	10.6	7.7	
	1100	GP-6	0 *	3.0	15.5	
	1055	GP-7	0	2.6	17.3	
	1050	GP-8	0 *	1.0	19.3	
	1115	GP-10	0 *	4.6	12.6	
	1120	GP-11	0 *	3.4	16.6	
	1145	GP-12	0	2.6	17.0	
	1200	Leg 1	6.5	20.4	1.0	
	1158	Leg 2	11.5	17.6	5.3	
	1155	Leg3	11.0	18.6	4.4	
↓	1203	Exhaust	9.5	17.0	5.6	



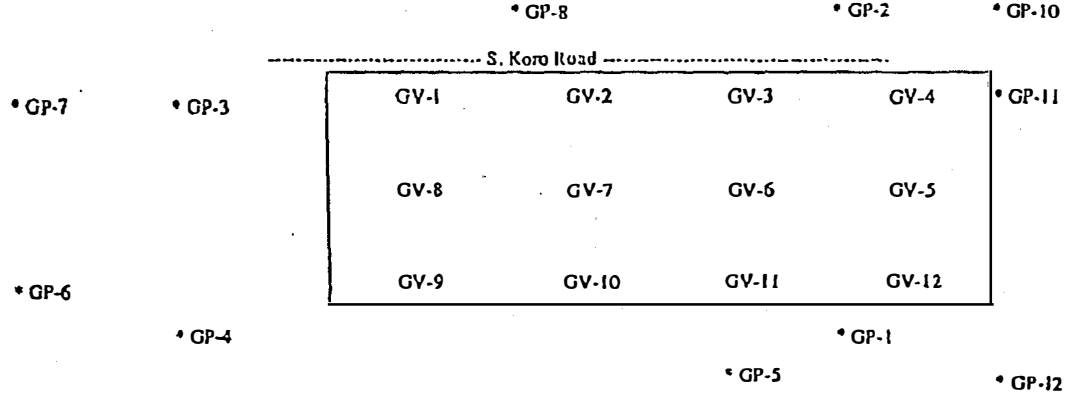
GeoTrans, Inc.

GAS PROBE DATA

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

Barometric Pressure: 27.0 Hg
Temperature (ambient): 88° F
Measuring Device: [illegible]
Gage reading 0.4

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
8.5.08	0925	Background	0.0	0.0	20.9	0		
"	0950	LC-1	7.0	20.2	1.7	701		
"	10:0	LC-2	34.5	27.6	2.1	972		
"	1000	LC-3	12.5	19.2	4.2	1057		
"	"	GV-1						
"	"	GV-4						
"	0945	GV-6	9.5	21.8	0.5	264	—	
"	"	GV-7						
"	"	GV-9						
"	"	GV-12						
V	0937 | 1040	GP-1	26.5 | *18.0	13.4 | *11.6	0.0 | *2.1	—	—	*2nd reading 1hr later



8-13-08
call Jack
& he
read me
numbers.

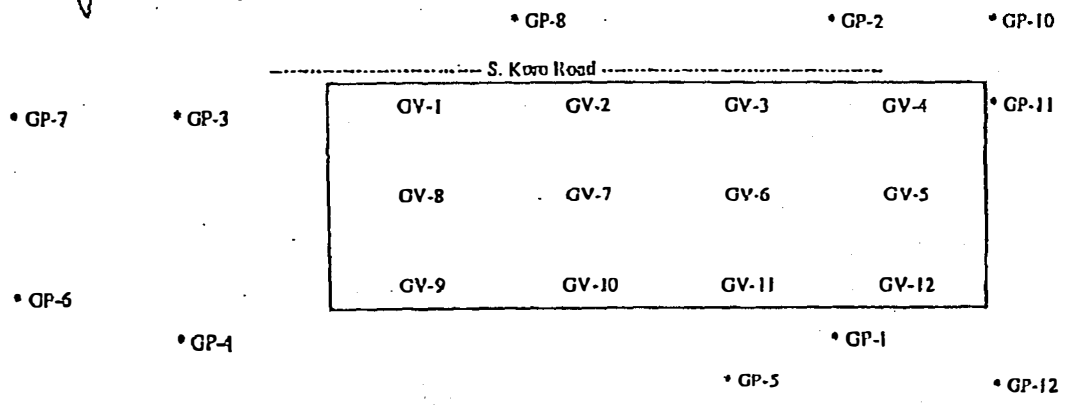
GeoTrans, Inc.

GAS PROBE DATA

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

Barometric Pressure: 28.9 Hg
Temperature (ambient): 72° F
Measuring Device: Eagle
Gage reading 4

Date	Time	Measurement Point	% CH_4	% CO_2	% O_2	Vel (fl/min)	Pressure (in H^2O)	Comments
8.13.08	0850	Background	0.0	0.0	20.9	0		
	0910	LC-1	12.5	23.2	0.1	126		
	09:20	LC-2	36.5	27.8	2.8	122		
	0915	LC-3	13.5	19.6	4.3	425		
		GV-1						
		GV-4						
	0900	GV-6	11.5	21.6	1.4	1230		
		GV-7						
		GV-9						
		GV-12						
	0855/0956	GP-1	22.5/17.5	14.4/11.4	0.0/3.1	—		



GeoTrans, Inc.

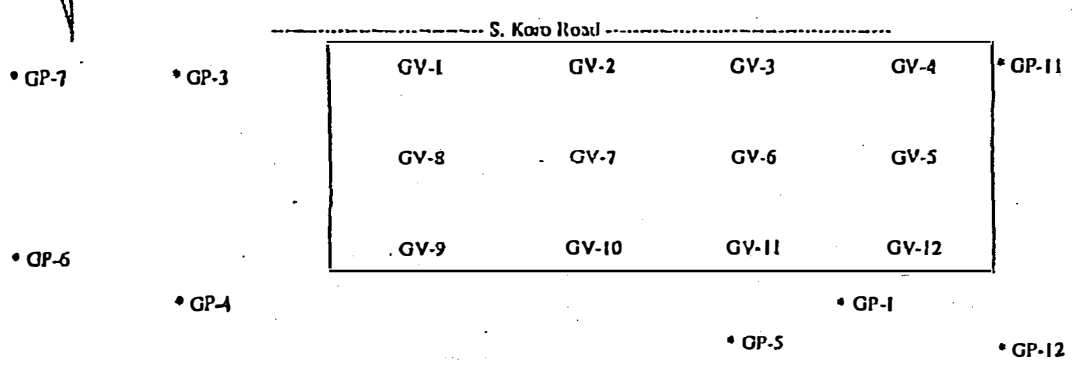
GAS PROBE DATA

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

Barometric Pressure: 29.0 Hg
Temperature (ambient): 68 F
Measuring Device: Eagle
Gage reading 1

LEL *

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
8.19.08	0830	Background	0.0 *	0.0	20.9	0		
	0845	LC-1	8.0	21.2	2.2	242		
	0905	LC-2	40.0	29.6	1.4	205		
	0855	LC-3	9.5	18.4	4.6	260		
		GV-1						
		GV-4						
	0840	GV-6	97 *	15.4	6.8	1220		
		GV-7						
		GV-9						
		GV-12						
	0835	GP-1	7.0	12.6	3.4	–	–	* 2nd Reading
	1000	GP-8	16.0	14.0	GP-2 1.3	GP-10		0



GeoTrans, Inc.

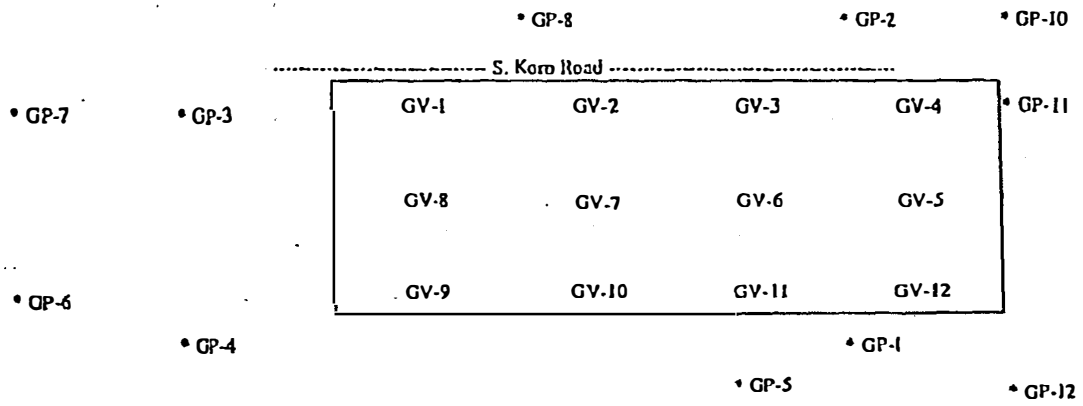
GAS PROBE DATA

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

Barometric Pressure: 29.1 Hg
Temperature (ambient): 92° F
Measuring Device: Eagle
Gage reading: 2

LEL %

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
9-208	1330	Background	0.0	0.0	20.9	0		
	1415	LC-1	6.5	20.6	1.1	486		
	1425	LC-2	11.5	18.4	4.4	1185		
	1440	LC-3	34.0	29.6	1.3	1120		
		GV-1						
		GV-4						
	1400	GV-6	5.5	18.4	2.0	199		
		GV-7						
		GV-9						
		GV-12						
	1345/1330	GP-1	12.5/7.5	16.4/10.2	0.3/6.1			



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PAGE 01

GeoTrans, Inc.

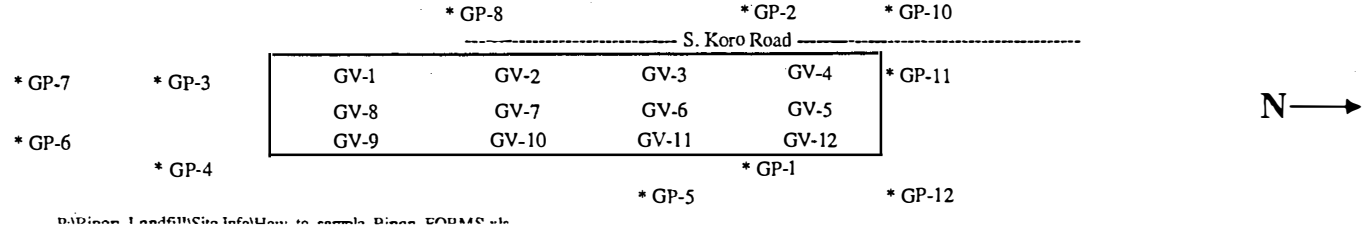
GAS PROBE DATA

Project: FF/NN Landfill
Location: Ripon, Wisconsin
Personnel: Ashley A. Weimer

Barometric Pressure: _____ Hg
Temperature (ambient): _____ F
Measuring Device: Eagle

* LEL%

2008 Date	Time	Measurement Point	% Methane Peak	% Methane Stable	% CO_2	% O_2	Comments
10-3	1115	Background	~	0 *	0.0	20.9	
1	1141	LC-1	>	8.0	21.6	0.8	
1	1149	LC-2	~	34.5	29.4	1.8	
1	1212	LC-3	>	12.5	19.0	4.8	
1	1220	MW-101	~	0*	0.4	20.9	
1	1152	MW-102	~	0 *	3.6	16.8	
1	1120	MW-103	~	0*	0.0	20.9	
1	1137	MW-104	~	0*	0.0	20.9	no quick connect cover
↓	1130	MW-112	>	0*	0.0	20.9	no quick connect cover
NT	NT	GV-1	NT	NT	NT	NT	
NT	NT	GV-2	NT	NT	NT	NT	
NT	NT	GV-3	NT	NT	NT	NT	
NT	NT	GV-4	NT	NT	NT	NT	
NT	NT	GV-5	NT	NT	NT	NT	
10-3	1140	GV-6	—	74*	9.0	11.0	
NT	NT	GV-7	NT	NT	NT	NT	
NT	NT	GV-8	NT	NT	NT	NT	
NT	NT	GV-9	NT	NT	NT	NT	
NT	NT	GV-10	NT	NT	NT	NT	
NT	NT	GV-11	NT	NT	NT	NT	
NT	NT	GV-12	NT	NT	NT	NT	
10-3	1158	GP-1	~	83*	7.0	11.6	
1	1234	GP-2	~	0*	0.6	20.9	
1	1216	GP-3	>	0*	0.0	20.9	
1	1118	GP-4	~	0 *	0.0	20.9	
1	1155	GP-5	~	0*	8.2	12.7	
1	1258	GP-6	~	0*	3.8	17.7	
1	1250	GP-7	~	0*	1.8	19.6	
1	1245	GP-8	~	0*	0.4	20.9	
1	1230	GP-10	~	0*	5.0	16.4	
1	1223	GP-11	~	0*	2.0	19.4	
↓	1200	GP-12	~	0*	4.0	17.6	



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GeoTrans, Inc.

GAS PROBE DATA

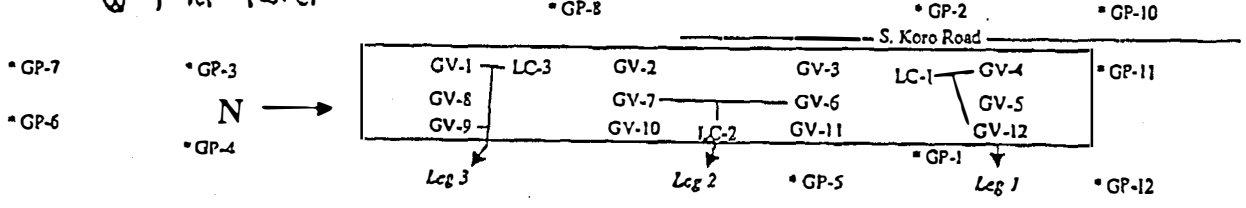
Project: FF/NN Landfill
Location: Ripon, Wisconsin
Personnel: Jack Wendler

Barometric Pressure: 29.2 Hg
Temperature (ambient): 72° F
Measuring Device: Eagle

* LEL gauge reading - 2 Hg

Date	Time	Measurement Point	% CH_4	% CO_2	% O_2	~~Comments~~ Air Velocity
10.13.08	0945	Background	0.0	0.0	20.9	0
	1040	LC-1	9.0	22.4	0.6	465
	1025	LC-2	36.5	29.8	1.7	492
	1015	LC-3	13.0	19.0	4.9	413
	1206	MW-101	0 *	0.0	20.9	
	1103	MW-102	0 *	18.7	1.8	
	1005	MW-103	0 *	0.4	20.7	
	1045	MW-104	0 *	0.2	20.9	
		~~GV-1~~				
		~~GV-4~~				
	1035	GV-6	9.0	20.4	1.8	185
		~~GV-7~~				
		~~GV-9~~				
		~~GV-12~~				
	1112/1230	GP-1	36 * @ 6.0	4.4 @ 17.0	14.2 @ 0.0	
	1140	GP-2	0 *	0.4	20.9	
	1060	GP-3	0 *	0.0	20.9	
	1005	GP-4	0 *	1.2	19.7	
	1108	GP-5	0 *	6.6	14.1	
	0955	GP-6	0 *	3.4	18.2	
	0950	GP-7	1 *	1.6	19.4	
	1010	GP-8	0 *	1.4	19.4	
	1150	GP-10	0 *	4.6	16.4	
	1200	GP-11	0 *	2.2	19.1	
	1130	GP-12	0 *	3.0	18.0	
	1120	Leg 1	9.0	22.8	0.2	
	1122	Leg 2	15.0	20.8	4.7	
	1124	Leg3	12.5	19.2	4.7	
V	1115	Exhaust	6.5	9.8	12.0	

@ 1 hr later



GeoTrans, Inc.

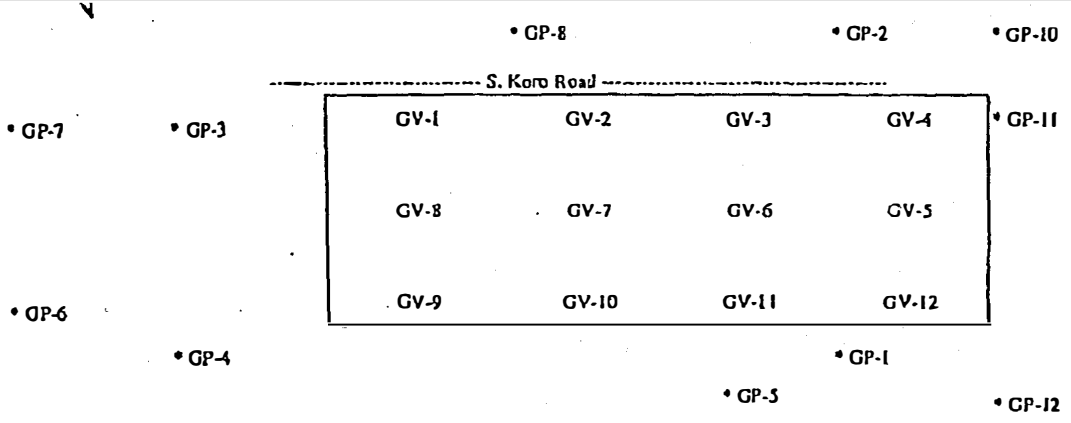
GAS PROBE DATA

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

Barometric Pressure: 29.3 Hg
Temperature (ambient): 32 F
Measuring Device: Eagle
Gage reading 29.3 2

* LEL

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (fl/min)	Pressure (in H^2O)	Comments
10.28.08	0855	Background	0 *	0.0	20.9	0		
	0915	LC-1	9.0	23.4	0.0	427		
	0935	LC-2	38.5	30.2	2.4	341		
	0925	LC-3	13.5	19.6	5.4	390		
		GV-1						
		GV-4						
	0910	GV-6	7.0	19.2	2.8	161		
		GV-7						
		GV-9						
		GV-12						
	0900/1013	GP-1	0*/9*	4.6/15.0	13.6/0.2	–	–	



GeoTrans, Inc.

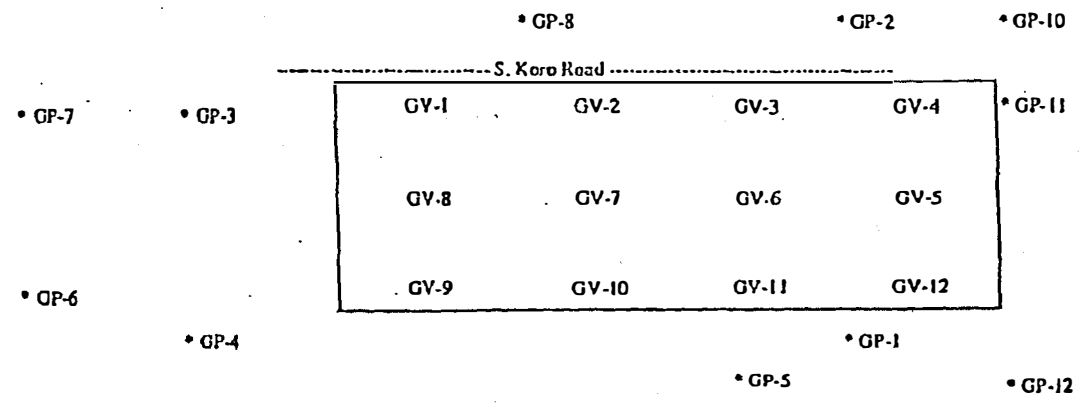
GAS PROBE DATA

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

Barometric Pressure: 28.8 Hg
Temperature (ambient): 56° F
Measuring Device: Eagle
Gage reading 2 "Hg

LEL*

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
11.6.08	0715	Background	0*	0.0	20.9	0	—	
	0740	LC-1	10.5	22.2	0.6	514	—	
	0800	LC-2	39.0	30.4	1.5	376	—	
	0750	LC-3	13.5	19.2	5.1	1171	—	
		GV-1						
		GV-4						
	0730	GV-6	10.0	20.2	1.5	187	—	
		GV-7						
		GV-9						
		GV-12						
	0720/0834	GP-1	8*/74*	3.4/16.2	15.1/0.0	—	—	



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ATTACHMENT F

LANDFILL CAP INSPECTION FORM

GeoTrans, Inc.

FF/NN Landfill Site Inspection Form

Inspector: Ashley A. Weimer Date: 10-3-08

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

	Good	Fair	Poor	Comments
1. Vegetative cover (condition, trees or bushes on cap)	✓			
2. Soil stability (erosion control)	✓			
3. Cover integrity (no exposed waste or ruts)	✓			
4. Surface water drainage (settlement or ponding)	✓			
5. Surface seep control	✓			
6. Unauthorized access control (fence, gates, locks, signs, vandalism)	✓			
7. Groundwater well maintenance (seals, casing, labels)	✓			MW-112 no quick connect covers for gas monitoring MW-104
8. Gas vents		✓		GV-6 quick connect doesn't work needed to hold meter in place to get reading
9. Drainage layer discharge pipes	✓			
10. Other activites on or adjacent to landfill	✓			
11. Additional comments				
12. Items to be observed in future inspections				
13. Recommended maintenance activities	Fix + replace quick connectors on the 3 wells listed above			

ATTACHMENT G

WDNR & NEA CORRESPONDENCE

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Mathew Frank, Secretary
Ronald W. Kazmierczak, Regional Director

Oshkosh Service Center
625 E. Co. Rd. Y, Suite 700
Oshkosh, Wisconsin 54901
Telephone 920-424-4401
FAX 920-424-4404

October 14, 2008

Paul Budzynski, Plant Manager
Northeast Asphalt, Inc.
W6380 Design Drive
Greenville, WI 54942

Re: Notification of Noncompliance
Nonmetallic Mining Operations General Permit No. WI-0046515-04-01
NORTHEAST ASPHALT INC RIPON CONTROL 56-Gravel Operation
Pit located at N8885 HWY FF, Ripon

Dear Mr. Budzynski:

This Notification is regarding noncompliances of the Nonmetallic Mining Operations General Permit No. WI-0046515-04 that was observed in an inspection by the Department of the Northeast Asphalt Inc Ripon Gravel Operation on September 24, 2008.

During the inspection the Department identified an outfall and an additional settling pond about which the Department was not informed. The outfall was from a corrugated pipe located in the east part of what is identified in the stormwater plan as Pond 2. This outfall was discharging to the NE during this inspection. The pond the Department was not informed about was located immediately to the north of Pond 2. For the purposes of this NON it will be identified as Pond 4. Pond 4 was not on a summer 2006 aerial photo available to the Department during the inspection. You indicated during the inspection that Pond 4 was constructed about 2 years ago. Since the Department was not informed about this outfall nor Pond 4 or its purpose Northeast Asphalt is in noncompliance of Sec. 6. Standard Requirements. 6.6. Planned Changes where the permittee is required to report to the Department any process modifications.
In response to this NON it is necessary that you inform the Department with the following:

1. When Pond 4 was constructed and put into service;
2. When the outfall mentioned above was installed in Pond 2 and include any data collected from that outfall;
3. Provide the Department with a new updated description of these settling ponds with diagram(s) and how they are to be operated.

The Department has also reviewed you DMRs submitted for the NEA Ripon Gravel Operation for 2001 through 2007. These DMRs list an outfall 1 and an outfall 2. It is my understanding that outfall 1 is the surface water discharge from what I am calling Pond 3. The discharge observed was large and coming from two black corrugated pipes. The discharge was toward the S and appeared to end up in the large wetland complex to the east of the NEA Ripon Gravel Operation. It is my understanding that outfall 2 is the seepage discharge from all ponds to groundwater. It doesn't appear that the outfall I described in paragraph 2 has data submitted in these DMRs. Whenever there is a discharge to surface water during a quarter TSS must be sampled according to the Nonmetallic Mining Operations General Permit. Outfall 001 TSS data are missing from these DMRs for quarters 2, 3 and 4 for 2006. Also pH is required for all NMM discharges to surface water for any discharge during a quarter. These data are also missing from the same quarters as the TSS. Also, pH is missing from the 4th quarter of 2005. It is necessary that NEA supply these data if available and/or explain why they are missing. Failure to submit these data on the DMR by Feb. 15 of the year following discharge are noncompliances of Sec. 5 Table 2 of the Nonmetallic Mining Operations General Permit. If the outfall that the additional surface water outfall described in paragraph 2 were discharging in any quarter after it was installed and the data from the same Table 2 were not submitted that would also be a noncompliance of the Nonmetallic Mining General Permit sampling and data submittal requirements of Table 2.

The Department responded during this inspection to the pumping from a pond fed by groundwater and surface water to the settling ponds mentioned above. Normally it is my understanding that this surface water pond is used as a source of water to wash gravel with final discharge to the settling ponds. However, it talking with you it was being pumped during this inspection to lower the pond to do gravel excavation. The following paragraph describes Department concerns regarding this.

Remediation and Redevelopment Program Concerns

The Remediation and Redevelopment program Hydrogeologist Jennie Easterly had spoken to Northeast Asphalt (NEA) representatives in regards to the dangers of pumping large quantities of water from the on site surface water pit at this location historically on May 30th, 2002 (just after pumping had ceased) and just recently on September 24, 2008 (when active pumping was ongoing). Just to the South of your operations there is a Superfund landfill site on Koro Road called the Ripon FF/NN landfill. This landfill has vinyl chloride groundwater contamination emanating from it and flowing mainly in a South-Westerly direction in the sand and gravel aquifer. Historically, the pumping at NEA in 2002 had reversed the groundwater flow, caused clean up gradient monitoring wells at the landfill to become contaminated and water levels dropped 20 feet in the monitoring well network at the landfill. It is apparent that the pumping from the surface water pit on the NEA property is hydraulically connected with the groundwater plume at the landfill. It took quite some time for the groundwater flow, water levels and contaminant concentrations to revert back to pre-pumping conditions. Although we have not yet been able to determine if this type of groundwater reversal from this recent drawdown event has occurred, it was upsetting to see that dewatering was once again occurring even though the Department specifically warned you back in 2002 against conducting this type of activity next to the Ripon FF/NN Landfill Superfund site. We understand that you are not responsible for the groundwater contamination plume at the Ripon FF/NN landfill, however, by pumping the surface water from your on-site pit at high levels over a period of time and altering the groundwater flow you could become part of the potentially responsible party (PRP) group. By completing this type of activity you are potentially "taking control" of this groundwater plume under Wis Stats. 292.11 and could become part of the Potentially Responsible Party (PRP) Group that is responsible for financing and conducting the cleanup at the site. We strongly suggest that this type of pumping cease and no longer be implemented at this property to avoid this situation.

Due to the concern of how much water being pumped affects the groundwater gradient it is important that NEA report in writing to the Department the amount of water that had been pumped from the pond used as a water source. This should include the number of days pumping had occurred.

It is necessary that Northeast Asphalt respond within 14 days of the above in writing as to the understanding of all information and requirements described in this letter. It is necessary that within 30 days Northeast Asphalt answer all questions included above and submit all data available. These written responses shall be to:

Michael D. Reif, Wastewater Specialist
Wis. Dept. of Nat. Res.
625E. Co. Rd. Y, Suite 700
Oshkosh, WI 54901.

If you have any questions please contact me at 920-424-4401 or email me at michael.reif@wisconsin.gov.

Sincerely,

Michael D. Reif
Wastewater Specialist

Cc: NER WW Files-DNR, Oshkosh
Jennie Easterly-DNR, Oshkosh
Jim Mertes, NEA CRM
Judith A. Hollatz, Owner of the NEA Quarried Property

Northeast Asphalt, Inc.

"Paving the Way to the Future"

October 21, 2008

Mr. Michael D. Reif
Wastewater Specialist
Wisconsin Department of Natural Resources
625 East County Rd Y
Oshkosh, WI 54901

Subject: Notification of Noncompliance, General Permit to Discharge under the Wisconsin Pollutant Discharge Elimination System, Nonmetallic Mining Operations Permit WI-0046515-4, Northeast Asphalt Ripon Aggregate site #89006, WDNR #2791

Dear Mr. Reif:

I am responding to your October 14. 2008 correspondence addressed to Mr. Paul Budzinski of Northeast Asphalt, Inc. regarding noncompliance of the Wisconsin Pollutant Discharge Elimination System (WPDES), Nonmetallic Mining Operations Permit WI-0046515-4 for the Northeast Asphalt Ripon Aggregate site.

I understand that you and Jennifer Easterly of the Wisconsin Department of Natural Resources (WDNR) Remediation and Redevelopment Program conducted an inspection of the Ripon Aggregate site on September 24, 2008 in response to a complaint from a neighbor, Mr. Jeff Fude, regarding turbid well water.

During your inspection you identified what you believed to be an outfall from a corrugated pipe located in the east part of basin #2 as identified on the 12-11-2000 stormwater plan map. I inspected the site on September 25, 2008 with Paul Budzinski, the current Northeast Asphalt Ripon Site Manager, and Peter Kozak, a former Northeast Asphalt Ripon Site Manager, and determined that this corrugated pipe is actually capped and likely has been since its installation when the basin was built in 2000. The pipe is installed so that the capped inlet is near the top of the inside wall of basin #2. See the attached photographs. I speculate that the pipe was installed and capped when the basin was built to provide an option for an emergency relief valve. When we inspected the pipe there was no discharge although it appeared that some minor seepage may have occurred through the cap because the inside bottom of the pipe appeared moist. There was no evidence of a significant water discharge on the ground surface at the pipe's outlet.

In order to assure that absolutely no water seeps through the cap in the future, we will cement the inlet shut or completely remove the pipe.

Since wash basins are designed to collect fine aggregate material, they periodically become completely filled and there is a need to replace them or remove the fines as part of site maintenance. A fourth basin was constructed in the fall of 2007 because basin #1 was nearly full and was no longer functioning as

designed. You identify the new basin as pond #4 in your letter. Since this change in the facility process did not result in new, different, or increased discharges of pollutants as set forth in s. NR 205.07(3)(c) and summarized in section 6.6 of WPDES Permit WI-0046515-4, WDNR was not required to be notified. We have updated Figure 1 (dated 10-20-2008) in the Stormwater Plan and it is included along with a copy of the old Figure 1 for comparison.

I have reviewed the Discharge Monitoring Reports (DMRs) that you reference in your letter. No DMRs were completed for surface water discharges in 2006 quarters 2, 3, and 4 because according to the site manager that year, there was no surface water discharge from the property. Although washing occurred and was reported as a process discharge to groundwater, no surface water discharge occurred because the wash water was recirculated within the process and/or was soaked up by the aggregates being processed.

In regard to the 4th quarter reporting in 2005, no pH sample was collected or analyzed because it was not required. As stated in section 5.6 of WPDES permit WI-0046515-4, discharges of nonmetallic mining process wastewater shall be sampled for pH annually. Since pH was analyzed in the 3rd quarter of 2005, no further sampling was required in 2005.

In regards to the Remediation and Redevelopment Program concerns, I will summarize our previous response to Jennifer Easterly. In September 2001,we checked with Jennifer Huffman, our WDNR WPDES contact, and received verbal approval to dewater the Ripon Aggregate site. In the winter of 2002, we dewatered the Ripon Aggregate site over a 3 month period and lowered the water table by about 40 feet so that we could mine the site with end loaders. In late May 2002, Jennifer Pelczar (now Easterly) of WDNR's Remediation and Redevelopment Program contacted us and brought to our attention potential groundwater concerns at the landfill ¼ mile southwest of our site. We immediately sampled our site pond and well for volatile organic compounds (VOCs) at Ms. Pelczar's request and found no contaminants. We also agreed to not drastically lower the water table at our site in the future.

In late August and September of 2008, we pumped an average of 1.3 million gallons/day over a 28 day period in an attempt to lower the unusually high water table and expose a normally dry shoreline ledge for dragline access to the pond. The surface elevation of the pond dropped by about 2 feet during this period. We believe that much of the elevation drop was due to natural causes given the unusually high water table from heavy winter snows and early summer flooding followed by a dry July, August, and September. This would be consistent with the natural drop seen in the water table at our other gravel mining sites in the area during this period.

As requested by Jennifer Easterly, we sampled two neighbors wells after the 2008 pumping; the Jeff Fude residence, and the Judith Hollatz residence, the Northeast Asphalt Ripon Asphalt Plant well, and the site gravel pit pond and had them analyzed for VOCs on September 29, 2008. There were no detects in any of the samples with the exception of the Fude well, where 0.6 ppb chloroform was found, which is below the 6.0 ppb NR 140 Public Health Groundwater Quality Enforcement Standard. This well, which is likely hydraulically upgradient from the surface water pumping location that we operated in September 2008 at the Ripon gravel pit pond and upgradient of the former landfill site, is over 300 feet deep according to the property owner, Mr. Jeff Fude. The chloroform detected in the well sample is likely an artifact from bleach that WDNR placed in the well during their investigation of the turbidity complaint.

This latest minimal groundwater dewatering was in no way comparable to the significant 2002 dewatering that we agreed to avoid and have avoided for the last six years at considerable expense to our operating budget.

Michael, I hope this sufficiently provides you with the information that you requested. We look forward to maintaining a positive working relationship with you and the rest of the WDNR staff. Please contact me by phone at 262-524-1849 or by email at jmertes@crmanagement.com if you have any other questions or comments.

Sincerely,

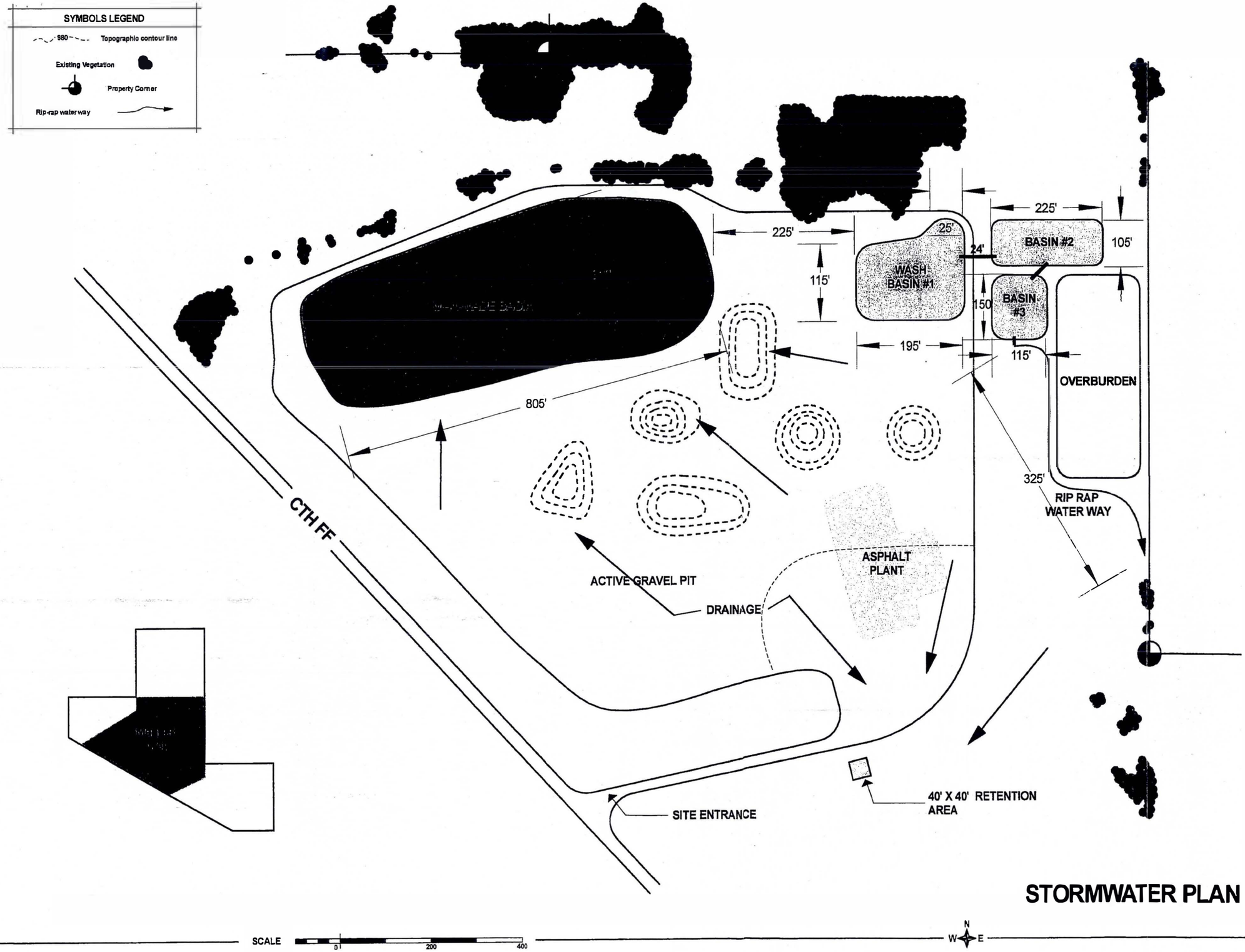
James J. Mertes CHMM, P.H.
Environmental Manager

cc Larry Usack
Mark Filmanowicz
Chris Winicki
Paul Budzinski
Peter Kozak
Ted Helleckson
Judy Hollatz
Jennifer Easterly

9-25-2003

BASIN #2 Inlet CAP

BASIN #2 OUTLET OF CAPPED PIPE



NORTHEAST ASPHALT
INCORPORATED

1524 ATKINSON DRIVE
GREEN BAY, WISCONSIN 54303
(920) 494-0543

STORMWATER RETENTION PLAN

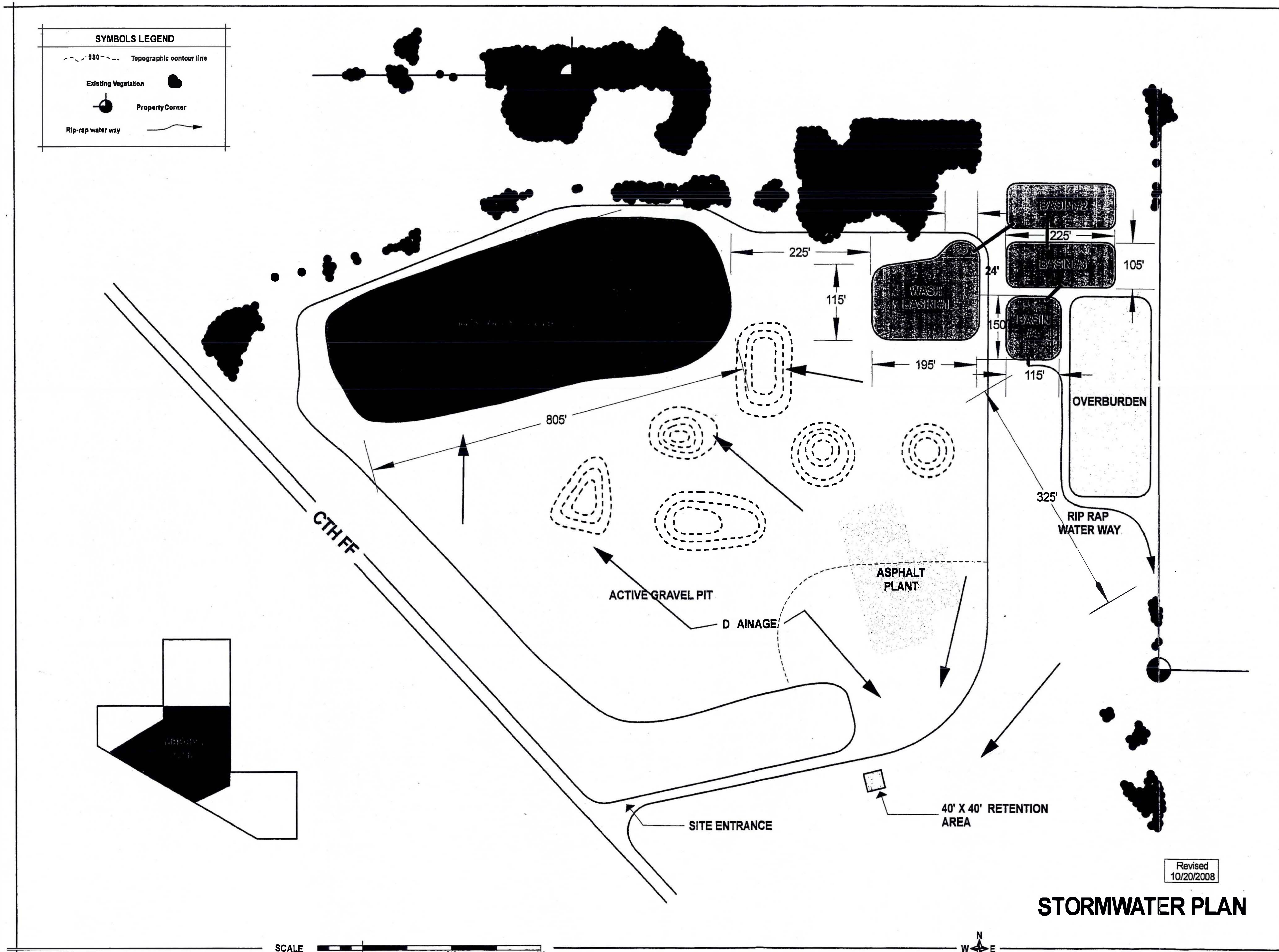
FOR

RIPON AGGREGATE SITE

TOWN OF RIPON
FOND DU LAC COUNTY, WI

DRAWING #:	NEA-34921
DATE:	12/11/2000
DRAWN BY:	CGW

1



NEA

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STORMWATER RETENTION PLAN

FOR

RIPON AGGREGATE SITE

TOWN OF RIPON
FOND DU LAC COUNT , WI

DRAWING #:	NEA-34921
DATE:	12/11/2000
DRAWN BY:	CGW

1

Noel, Mike

From: JMertes@crmanagement.com
Sent: Monday, October 06, 2008 3:20 PM
To: Easterly, Jennifer S - DNR
Cc: PKozak@neasphalt.com; PBudzynski@neasphalt.com; cwiniecki@neasphalt.com
Subject: Fw: Ripon Well Data
Attachments: WRI0998 FINAL 10 06 08 957.pdf

Jennifer,

Please see the attached document for the laboratory VOC results for the Hollatz Well, Fude Well, NEA Ripon Well, and the NEA pond (labeled as "blank") that you requested we sample. As you will see, there were no detects for VOCs in any of the samples with the exception of chloroform in the Fude well. Chloroform was detected at 0.6 ppb, which is at the 0.6 ppb NR 140 Public Health Groundwater Quality Standard preventive action limit but below the 6 ppb enforcement standard.

This well, which is likely hydraulically upgradient from the surface water pumping location that we operated in September 2008 at the Ripon gravel pit pond and upgradient of the former landfill superfund site near the southeast corner of Cty Rd FF and Koro Road (see the aerial photo sent with my previous e-mail). According to the property owner, Mr. Jeff Fude, this well is over 300 feet deep.

We pumped the gravel pit pond over a period of 28 days in late August and September with an estimated daily average volume of about 1.3 million gallons. The surface elevation of the pond dropped by about 2 feet during this period. We believe that much of the elevation drop was likely due to natural causes given the unusually high water table from heavy winter snows and early summer flooding followed by a dry July, August, and September. This would be consistent with the natural drop seen in the water table at our other gravel mining sites in southern and central Wisconsin during this period.

We will send the laboratory results to Judy Hollatz and to Mr. Fude for their wells as you requested.

Please contact me with any other questions.

Jim Mertes
Environmental Manager
Northeast Asphalt, Inc.
262-524-1849

----- Forwarded by Jim Mertes/Users/cnpz on 10/06/2008 02:38 PM -----

"Amy Voigt" <Amy.Voigt@testamericainc.com>

10/06/2008 01:18 PM

To <jmertes@crmanagement.com>
cc
Subject Ripon Well Data

Thanks!

Just wanted also to confirm that you were able to retrieve your data now online through Total Access.

AMY B. VOIGT
Office Manager,
Project Coordinator for Warren Topel

TestAmerica
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Watertown, WI 53094
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October 06, 2008

Client:	CONSTRUCTION RESOURCE MGMT N3 W23650 Badinger Road Waukesha, WI 53187	Work Order: Project Name: Project Number:	WRI0998 Surface Water Analysis Ripon Wells
Attn:	Mr. Jim Mertes	Date Received:	09/29/08

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Fude Well	WRI0998-01	09/29/08 12:30
Hollatz Well	WRI0998-02	09/29/08 13:00
NEA Ripon Well	WRI0998-03	09/29/08 13:30
Blank	WRI0998-04	09/29/08 13:40
Trip Blank	WRI0998-05	09/29/08

Samples were received into laboratory at a temperature of 0 °C.

Wisconsin Certification Number: 128053530

The Chain of Custody, 1 page, is included and is an integral part of this report.

Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.

Approved By:

Brian DeJong

TestAmerica Watertown
Brian DeJong For Warren L. Topel
Project Manager

602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

ANALYTICAL REPORT

Sample ID: WRI0998-01 (Fude Well - Drinking Water) — **Sampled: 09/29/08 12:30**

VOCs by SW8260B

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Benzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Bromomethane	<0.50	C	ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 03:31	mae	8100043	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	10/03/08 03:31	mae	8100043	SW 8260B
Chloroform	**0.60**	J	ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Chloromethane	<0.30		ug/L	0.30	1.0	1	10/03/08 03:31	mae	8100043	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	10/03/08 03:31	mae	8100043	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	10/03/08 03:31	mae	8100043	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	10/03/08 03:31	mae	8100043	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	10/03/08 03:31	mae	8100043	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 03:31	mae	8100043	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Toluene	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WRI0998-01 (Fude Well - Drinking Water) - cont.							**Sampled: 09/29/08 12:30**			
VOCs by SW8260B - cont.										
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 03:31	mae	8100043	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 03:31	mae	8100043	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 03:31	mae	8100043	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Trichlorofluoromethane	<0.50	C	ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Vinyl chloride	<0.20	C	ug/L	0.20	0.67	1	10/03/08 03:31	mae	8100043	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	10/03/08 03:31	mae	8100043	SW 8260B
Surr: Dibromofluoromethane (89-119%)	*109 %*									
Surr: Toluene-d8 (91-109%)	*90 %*	*Z6*								
Surr: 4-Bromofluorobenzene (89-114%)	*93 %*									
Sample ID: WRI0998-02 (Hollatz Well - Drinking Water)							**Sampled: 09/29/08 13:00**			
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Bromomethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:27	mae	8100076	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	10/03/08 09:27	mae	8100076	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Chloromethane	<0.30		ug/L	0.30	1.0	1	10/03/08 09:27	mae	8100076	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	10/03/08 09:27	mae	8100076	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WRI0998-02 (Hollatz Well - Drinking Water) - cont.							**Sampled: 09/29/08 13:00**			
VOCs by SW8260B - cont.										
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:27	mae	8100076	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	10/03/08 09:27	mae	8100076	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:27	mae	8100076	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 09:27	mae	8100076	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Toluene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:27	mae	8100076	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:27	mae	8100076	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 09:27	mae	8100076	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	10/03/08 09:27	mae	8100076	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	10/03/08 09:27	mae	8100076	SW 8260B
Surr: Dibromofluoromethane (89-119%)	*100 %*									
Surr: Toluene-d8 (91-109%)	*90 %*	*Z6*								
Surr: 4-Bromofluorobenzene (89-114%)	*97 %*									

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

Sample ID: WRI0998-03 (NEA Ripon Well - Drinking Water) — **Sampled: 09/29/08 13:30**

VOCs by SW8260B

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Benzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Bromomethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:53	mae	8100076	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	10/03/08 09:53	mae	8100076	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Chloromethane	<0.30		ug/L	0.30	1.0	1	10/03/08 09:53	mae	8100076	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	10/03/08 09:53	mae	8100076	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:53	mae	8100076	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	10/03/08 09:53	mae	8100076	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:53	mae	8100076	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 09:53	mae	8100076	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Toluene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:53	mae	8100076	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:53	mae	8100076	SW 8260B

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WRI0998-03 (NEA Ripon Well - Drinking Water) - cont.							**Sampled: 09/29/08 13:30**			
VOCs by SW8260B - cont.										
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 09:53	mae	8100076	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	10/03/08 09:53	mae	8100076	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	10/03/08 09:53	mae	8100076	SW 8260B
Surr: Dibromofluoromethane (89-119%)	*104 %*									
Surr: Toluene-d8 (91-109%)	*88 %*	*Z6*								
Surr: 4-Bromofluorobenzene (89-114%)	*92 %*									
Sample ID: WRI0998-04 (Blank - Drinking Water)							**Sampled: 09/29/08 13:40**			
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Bromomethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:00	mae	8100076	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	10/03/08 09:00	mae	8100076	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Chloromethane	<0.30		ug/L	0.30	1.0	1	10/03/08 09:00	mae	8100076	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	10/03/08 09:00	mae	8100076	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:00	mae	8100076	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WRI0998-04 (Blank - Drinking Water) - cont.							**Sampled: 09/29/08 13:40**			
VOCs by SW8260B - cont.										
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	10/03/08 09:00	mae	8100076	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:00	mae	8100076	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 09:00	mae	8100076	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
Toluene	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:00	mae	8100076	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 09:00	mae	8100076	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 09:00	mae	8100076	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	10/03/08 09:00	mae	8100076	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	10/03/08 09:00	mae	8100076	SW 8260B
Surr: Dibromofluoromethane (89-119%)	*104 %*									
Surr: Toluene-d8 (91-109%)	*87 %*	*Z6*								
Surr: 4-Bromofluorobenzene (89-114%)	*90 %*									
Sample ID: WRI0998-05 (Trip Blank - Drinking Water)							**Sampled: 09/29/08**			
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Bromomethane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 07:40	mae	8100076	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	10/03/08 07:40	mae	8100076	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Chloromethane	<0.30		ug/L	0.30	1.0	1	10/03/08 07:40	mae	8100076	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WRI0998-05 (Trip Blank - Drinking Water) - cont.							**Sampled: 09/29/08**			
VOCs by SW8260B - cont.										
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	10/03/08 07:40	mae	8100076	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	10/03/08 07:40	mae	8100076	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	10/03/08 07:40	mae	8100076	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	10/03/08 07:40	mae	8100076	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 07:40	mae	8100076	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Toluene	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 07:40	mae	8100076	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	10/03/08 07:40	mae	8100076	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	10/03/08 07:40	mae	8100076	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	10/03/08 07:40	mae	8100076	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	10/03/08 07:40	mae	8100076	SW 8260B
Surr: Dibromofluoromethane (89-119%)	*101 %*									
Surr: Toluene-d8 (91-109%)	*91 %*									
Surr: 4-Bromofluorobenzene (89-114%)	*99 %*									

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WR10998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Benzene	8100043			ug/L	0.20	0.67	<0.20							
Bromobenzene	8100043			ug/L	0.20	0.67	<0.20							
Bromochloromethane	8100043			ug/L	0.50	1.7	<0.50							
Bromodichloromethane	8100043			ug/L	0.20	0.67	<0.20							
Bromoform	8100043			ug/L	0.20	0.67	<0.20							
Bromomethane	8100043			ug/L	0.50	1.7	<0.50							C
n-Butylbenzene	8100043			ug/L	0.20	0.67	<0.20							
sec-Butylbenzene	8100043			ug/L	0.25	0.83	<0.25							
tert-Butylbenzene	8100043			ug/L	0.20	0.67	<0.20							
Carbon Tetrachloride	8100043			ug/L	0.50	1.7	<0.50							
Chlorobenzene	8100043			ug/L	0.20	0.67	<0.20							
Chlorodibromomethane	8100043			ug/L	0.20	0.67	<0.20							
Chloroethane	8100043			ug/L	1.0	3.3	<1.0							
Chloroform	8100043			ug/L	0.20	0.67	<0.20							
Chloromethane	8100043			ug/L	0.30	1.0	<0.30							
2-Chlorotoluene	8100043			ug/L	0.50	1.7	<0.50							
4-Chlorotoluene	8100043			ug/L	0.20	0.67	<0.20							
1,2-Dibromo-3-chloropropane	8100043			ug/L	0.50	1.7	<0.50							
1,2-Dibromoethane (EDB)	8100043			ug/L	0.20	0.67	<0.20							
Dibromomethane	8100043			ug/L	0.20	0.67	<0.20							
1,2-Dichlorobenzene	8100043			ug/L	0.20	0.67	<0.20							
1,3-Dichlorobenzene	8100043			ug/L	0.20	0.67	<0.20							
1,4-Dichlorobenzene	8100043			ug/L	0.50	1.7	<0.50							
Dichlorodifluoromethane	8100043			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethane	8100043			ug/L	0.50	1.7	<0.50							
1,2-Dichloroethane	8100043			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethene	8100043			ug/L	0.50	1.7	<0.50							
cis-1,2-Dichloroethene	8100043			ug/L	0.50	1.7	<0.50							
trans-1,2-Dichloroethene	8100043			ug/L	0.50	1.7	<0.50							
1,2-Dichloropropane	8100043			ug/L	0.50	1.7	<0.50							
1,3-Dichloropropane	8100043			ug/L	0.25	0.83	<0.25							
2,2-Dichloropropane	8100043			ug/L	0.50	1.7	<0.50							
1,1-Dichloropropene	8100043			ug/L	0.50	1.7	<0.50							
cis-1,3-Dichloropropene	8100043			ug/L	0.20	0.67	<0.20							
trans-1,3-Dichloropropene	8100043			ug/L	0.20	0.67	<0.20							
2,3-Dichloropropene	8100043			ug/L	0.25	0.83	<0.25							
Isopropyl Ether	8100043			ug/L	0.50	1.7	<0.50							
Ethylbenzene	8100043			ug/L	0.50	1.7	<0.50							
Hexachlorobutadiene	8100043			ug/L	0.50	1.7	<0.50							
Isopropylbenzene	8100043			ug/L	0.20	0.67	<0.20							
p-Isopropyltoluene	8100043			ug/L	0.20	0.67	<0.20							
Methylene Chloride	8100043			ug/L	1.0	3.3	<1.0							
Methyl tert-Butyl Ether	8100043			ug/L	0.50	1.7	<0.50							
Naphthalene	8100043			ug/L	0.25	0.83	<0.25							
n-Propylbenzene	8100043			ug/L	0.50	1.7	<0.50							

TestAmerica Watertown
Brian DeJong For Warren L. Topel
Project Manager

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Styrene	8100043			ug/L	0.50	1.7	<0.50							
1,1,1,2-Tetrachloroethane	8100043			ug/L	0.25	0.83	<0.25							
1,1,2,2-Tetrachloroethane	8100043			ug/L	0.20	0.67	<0.20							
Tetrachloroethene	8100043			ug/L	0.50	1.7	<0.50							
Toluene	8100043			ug/L	0.50	1.7	<0.50							
1,2,3-Trichlorobenzene	8100043			ug/L	0.25	0.83	<0.25							
1,2,4-Trichlorobenzene	8100043			ug/L	0.25	0.83	<0.25							
1,1,1-Trichloroethane	8100043			ug/L	0.50	1.7	<0.50							
1,1,2-Trichloroethane	8100043			ug/L	0.25	0.83	<0.25							
Trichloroethene	8100043			ug/L	0.20	0.67	<0.20							
Trichlorofluoromethane	8100043			ug/L	0.50	1.7	<0.50							C
1,2,3-Trichloropropane	8100043			ug/L	0.50	1.7	<0.50							
1,2,4-Trimethylbenzene	8100043			ug/L	0.20	0.67	<0.20							
1,3,5-Trimethylbenzene	8100043			ug/L	0.20	0.67	<0.20							
Vinyl chloride	8100043			ug/L	0.20	0.67	<0.20							C
Xylenes, Total	8100043			ug/L	0.50	1.7	<0.50							
Surrogate: Dibromofluoromethane	*8100043*			ug/L					*108*		*89-119*			
Surrogate: Toluene-d8	*8100043*			ug/L					*92*		*91-109*			
Surrogate: 4-Bromofluorobenzene	*8100043*			ug/L					*89*		*89-114*			
Benzene	8100076			ug/L	0.20	0.67	<0.20							
Bromobenzene	8100076			ug/L	0.20	0.67	<0.20							
Bromochloromethane	8100076			ug/L	0.50	1.7	<0.50							
Bromodichloromethane	8100076			ug/L	0.20	0.67	<0.20							
Bromoform	8100076			ug/L	0.20	0.67	<0.20							
Bromomethane	8100076			ug/L	0.50	1.7	<0.50							
n-Butylbenzene	8100076			ug/L	0.20	0.67	<0.20							
sec-Butylbenzene	8100076			ug/L	0.25	0.83	<0.25							
tert-Butylbenzene	8100076			ug/L	0.20	0.67	<0.20							
Carbon Tetrachloride	8100076			ug/L	0.50	1.7	<0.50							
Chlorobenzene	8100076			ug/L	0.20	0.67	<0.20							
Chlorodibromomethane	8100076			ug/L	0.20	0.67	<0.20							
Chloroethane	8100076			ug/L	1.0	3.3	<1.0							
Chloroform	8100076			ug/L	0.20	0.67	<0.20							
Chloromethane	8100076			ug/L	0.30	1.0	<0.30							
2-Chlorotoluene	8100076			ug/L	0.50	1.7	<0.50							
4-Chlorotoluene	8100076			ug/L	0.20	0.67	<0.20							
1,2-Dibromo-3-chloropropane	8100076			ug/L	0.50	1.7	<0.50							
1,2-Dibromoethane (EDB)	8100076			ug/L	0.20	0.67	<0.20							
Dibromomethane	8100076			ug/L	0.20	0.67	<0.20							
1,2-Dichlorobenzene	8100076			ug/L	0.20	0.67	<0.20							
1,3-Dichlorobenzene	8100076			ug/L	0.20	0.67	<0.20							
1,4-Dichlorobenzene	8100076			ug/L	0.50	1.7	<0.50							
Dichlorodifluoromethane	8100076			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethane	8100076			ug/L	0.50	1.7	<0.50							

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
1,2-Dichloroethane	8100076			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethene	8100076			ug/L	0.50	1.7	<0.50							
cis-1,2-Dichloroethene	8100076			ug/L	0.50	1.7	<0.50							
trans-1,2-Dichloroethene	8100076			ug/L	0.50	1.7	<0.50							
1,2-Dichloropropane	8100076			ug/L	0.50	1.7	<0.50							
1,3-Dichloropropane	8100076			ug/L	0.25	0.83	<0.25							
2,2-Dichloropropane	8100076			ug/L	0.50	1.7	<0.50							
1,1-Dichloropropene	8100076			ug/L	0.50	1.7	<0.50							
cis-1,3-Dichloropropene	8100076			ug/L	0.20	0.67	<0.20							
trans-1,3-Dichloropropene	8100076			ug/L	0.20	0.67	<0.20							
2,3-Dichloropropene	8100076			ug/L	0.25	0.83	<0.25							
Isopropyl Ether	8100076			ug/L	0.50	1.7	<0.50							
Ethylbenzene	8100076			ug/L	0.50	1.7	<0.50							
Hexachlorobutadiene	8100076			ug/L	0.50	1.7	<0.50							
Isopropylbenzene	8100076			ug/L	0.20	0.67	<0.20							
p-Isopropyltoluene	8100076			ug/L	0.20	0.67	<0.20							
Methylene Chloride	8100076			ug/L	1.0	3.3	<1.0							
Methyl tert-Butyl Ether	8100076			ug/L	0.50	1.7	<0.50							
Naphthalene	8100076			ug/L	0.25	0.83	<0.25							
n-Propylbenzene	8100076			ug/L	0.50	1.7	<0.50							
Styrene	8100076			ug/L	0.50	1.7	<0.50							
1,1,1,2-Tetrachloroethane	8100076			ug/L	0.25	0.83	<0.25							
1,1,2,2-Tetrachloroethane	8100076			ug/L	0.20	0.67	<0.20							
Tetrachloroethene	8100076			ug/L	0.50	1.7	<0.50							
Toluene	8100076			ug/L	0.50	1.7	<0.50							
1,2,3-Trichlorobenzene	8100076			ug/L	0.25	0.83	<0.25							
1,2,4-Trichlorobenzene	8100076			ug/L	0.25	0.83	<0.25							
1,1,1-Trichloroethane	8100076			ug/L	0.50	1.7	<0.50							
1,1,2-Trichloroethane	8100076			ug/L	0.25	0.83	<0.25							
Trichloroethene	8100076			ug/L	0.20	0.67	<0.20							
Trichlorofluoromethane	8100076			ug/L	0.50	1.7	<0.50							
1,2,3-Trichloropropane	8100076			ug/L	0.50	1.7	<0.50							
1,2,4-Trimethylbenzene	8100076			ug/L	0.20	0.67	<0.20							
1,3,5-Trimethylbenzene	8100076			ug/L	0.20	0.67	<0.20							
Vinyl chloride	8100076			ug/L	0.20	0.67	<0.20							
Xylenes, Total	8100076			ug/L	0.50	1.7	<0.50							
Surrogate: Dibromofluoromethane	*8100076*			ug/L					*98*		*89-119*			
Surrogate: Toluene-d8	*8100076*			ug/L					*85*		*91-109*			Z6
Surrogate: 4-Bromofluorobenzene	*8100076*			ug/L					*93*		*89-114*			

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Benzene	8J02003		50.000	ug/L	N/A	N/A	51.9		104		80-120			
Bromobenzene	8J02003		50.000	ug/L	N/A	N/A	49.6		99		80-120			
Bromochloromethane	8J02003		50.000	ug/L	N/A	N/A	52.5		105		80-120			
Bromodichloromethane	8J02003		50.000	ug/L	N/A	N/A	51.1		102		80-120			
Bromoform	8J02003		50.000	ug/L	N/A	N/A	51.1		102		80-120			
Bromomethane	8J02003		50.000	ug/L	N/A	N/A	66.0		132		80-120			C
n-Butylbenzene	8J02003		50.000	ug/L	N/A	N/A	49.9		100		80-120			
sec-Butylbenzene	8J02003		50.000	ug/L	N/A	N/A	51.6		103		80-120			
tert-Butylbenzene	8J02003		50.000	ug/L	N/A	N/A	47.0		94		80-120			
Carbon Tetrachloride	8J02003		50.000	ug/L	N/A	N/A	53.9		108		80-120			
Chlorobenzene	8J02003		50.000	ug/L	N/A	N/A	50.6		101		80-120			
Chlorodibromomethane	8J02003		50.000	ug/L	N/A	N/A	53.4		107		80-120			
Chloroethane	8J02003		50.000	ug/L	N/A	N/A	59.9		120		80-120			
Chloroform	8J02003		50.000	ug/L	N/A	N/A	49.9		100		80-120			
Chloromethane	8J02003		50.000	ug/L	N/A	N/A	54.4		109		80-120			
2-Chlorotoluene	8J02003		50.000	ug/L	N/A	N/A	48.8		98		80-120			
4-Chlorotoluene	8J02003		50.000	ug/L	N/A	N/A	49.6		99		80-120			
1,2-Dibromo-3-chloropropane	8J02003		50.000	ug/L	N/A	N/A	48.9		98		80-120			
1,2-Dibromoethane (EDB)	8J02003		50.000	ug/L	N/A	N/A	49.6		99		80-120			
Dibromomethane	8J02003		50.000	ug/L	N/A	N/A	51.5		103		80-120			
1,2-Dichlorobenzene	8J02003		50.000	ug/L	N/A	N/A	49.3		99		80-120			
1,3-Dichlorobenzene	8J02003		50.000	ug/L	N/A	N/A	50.6		101		80-120			
1,4-Dichlorobenzene	8J02003		50.000	ug/L	N/A	N/A	49.0		98		80-120			
Dichlorodifluoromethane	8J02003		50.000	ug/L	N/A	N/A	49.7		99		80-120			
1,1-Dichloroethane	8J02003		50.000	ug/L	N/A	N/A	50.7		101		80-120			
1,2-Dichloroethane	8J02003		50.000	ug/L	N/A	N/A	51.2		102		80-120			
1,1-Dichloroethene	8J02003		50.000	ug/L	N/A	N/A	54.7		109		80-120			
cis-1,2-Dichloroethene	8J02003		50.000	ug/L	N/A	N/A	53.4		107		80-120			
trans-1,2-Dichloroethene	8J02003		50.000	ug/L	N/A	N/A	52.1		104		80-120			
1,2-Dichloropropane	8J02003		50.000	ug/L	N/A	N/A	51.2		102		80-120			
1,3-Dichloropropane	8J02003		50.000	ug/L	N/A	N/A	50.0		100		80-120			
2,2-Dichloropropane	8J02003		50.000	ug/L	N/A	N/A	47.0		94		80-120			
1,1-Dichloropropene	8J02003		50.000	ug/L	N/A	N/A	52.9		106		80-120			
cis-1,3-Dichloropropene	8J02003		50.000	ug/L	N/A	N/A	49.8		100		80-120			
trans-1,3-Dichloropropene	8J02003		50.000	ug/L	N/A	N/A	49.0		98		80-120			
2,3-Dichloropropene	8J02003		50.000	ug/L	N/A	N/A	51.7		103		80-120			
Isopropyl Ether	8J02003		50.000	ug/L	N/A	N/A	49.2		98		80-120			
Ethylbenzene	8J02003		50.000	ug/L	N/A	N/A	50.0		100		80-120			
Hexachlorobutadiene	8J02003		50.000	ug/L	N/A	N/A	45.7		91		80-120			
Isopropylbenzene	8J02003		50.000	ug/L	N/A	N/A	49.3		99		80-120			
p-Isopropyltoluene	8J02003		50.000	ug/L	N/A	N/A	48.2		96		80-120			
Methylene Chloride	8J02003		50.000	ug/L	N/A	N/A	53.5		107		80-120			
Methyl tert-Butyl Ether	8J02003		50.000	ug/L	N/A	N/A	51.6		103		80-120			
Naphthalene	8J02003		50.000	ug/L	N/A	N/A	49.7		99		80-120			
n-Propylbenzene	8J02003		50.000	ug/L	N/A	N/A	50.3		101		80-120			

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WR10998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Styrene	8J02003		50.000	ug/L	N/A	N/A	53.4		107		80-120			
1,1,1,2-Tetrachloroethane	8J02003		50.000	ug/L	N/A	N/A	51.9		104		80-120			
1,1,2,2-Tetrachloroethane	8J02003		50.000	ug/L	N/A	N/A	49.2		98		80-120			
Tetrachloroethene	8J02003		50.000	ug/L	N/A	N/A	51.4		103		80-120			
Toluene	8J02003		50.000	ug/L	N/A	N/A	49.6		99		80-120			
1,2,3-Trichlorobenzene	8J02003		50.000	ug/L	N/A	N/A	48.9		98		80-120			
1,2,4-Trichlorobenzene	8J02003		50.000	ug/L	N/A	N/A	49.7		99		80-120			
1,1,1-Trichloroethane	8J02003		50.000	ug/L	N/A	N/A	51.5		103		80-120			
1,1,2-Trichloroethane	8J02003		50.000	ug/L	N/A	N/A	52.4		105		80-120			
Trichloroethene	8J02003		50.000	ug/L	N/A	N/A	54.4		109		80-120			
Trichlorofluoromethane	8J02003		50.000	ug/L	N/A	N/A	60.9		122		80-120			C
1,2,3-Trichloropropane	8J02003		50.000	ug/L	N/A	N/A	48.2		96		80-120			
1,2,4-Trimethylbenzene	8J02003		50.000	ug/L	N/A	N/A	51.7		103		80-120			
1,3,5-Trimethylbenzene	8J02003		50.000	ug/L	N/A	N/A	49.3		99		80-120			
Vinyl chloride	8J02003		50.000	ug/L	N/A	N/A	62.2		124		80-120			C
Xylenes, Total	8J02003		150.00	ug/L	N/A	N/A	148		98		80-120			
Surrogate: Dibromofluoromethane	*8J02003*			ug/L					*104*		*80-120*			
Surrogate: Toluene-d8	*8J02003*			ug/L					*98*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*8J02003*			ug/L					*97*		*80-120*			
Benzene	8J03001		50.000	ug/L	N/A	N/A	46.9		94		80-120			
Bromobenzene	8J03001		50.000	ug/L	N/A	N/A	48.9		98		80-120			
Bromochloromethane	8J03001		50.000	ug/L	N/A	N/A	51.6		103		80-120			
Bromodichloromethane	8J03001		50.000	ug/L	N/A	N/A	45.1		90		80-120			
Bromoform	8J03001		50.000	ug/L	N/A	N/A	53.3		107		80-120			
Bromomethane	8J03001		50.000	ug/L	N/A	N/A	47.4		95		80-120			
n-Butylbenzene	8J03001		50.000	ug/L	N/A	N/A	44.9		90		80-120			
sec-Butylbenzene	8J03001		50.000	ug/L	N/A	N/A	44.0		88		80-120			
tert-Butylbenzene	8J03001		50.000	ug/L	N/A	N/A	43.0		86		80-120			
Carbon Tetrachloride	8J03001		50.000	ug/L	N/A	N/A	54.4		109		80-120			
Chlorobenzene	8J03001		50.000	ug/L	N/A	N/A	46.0		92		80-120			
Chlorodibromomethane	8J03001		50.000	ug/L	N/A	N/A	48.9		98		80-120			
Chloroethane	8J03001		50.000	ug/L	N/A	N/A	45.6		91		80-120			
Chloroform	8J03001		50.000	ug/L	N/A	N/A	47.5		95		80-120			
Chloromethane	8J03001		50.000	ug/L	N/A	N/A	41.0		82		80-120			
2-Chlorotoluene	8J03001		50.000	ug/L	N/A	N/A	48.5		97		80-120			
4-Chlorotoluene	8J03001		50.000	ug/L	N/A	N/A	47.5		95		80-120			
1,2-Dibromo-3-chloropropane	8J03001		50.000	ug/L	N/A	N/A	47.9		96		80-120			
1,2-Dibromoethane (EDB)	8J03001		50.000	ug/L	N/A	N/A	45.0		90		80-120			
Dibromomethane	8J03001		50.000	ug/L	N/A	N/A	48.8		98		80-120			
1,2-Dichlorobenzene	8J03001		50.000	ug/L	N/A	N/A	45.5		91		80-120			
1,3-Dichlorobenzene	8J03001		50.000	ug/L	N/A	N/A	43.2		86		80-120			
1,4-Dichlorobenzene	8J03001		50.000	ug/L	N/A	N/A	45.0		90		80-120			
Dichlorodifluoromethane	8J03001		50.000	ug/L	N/A	N/A	48.4		97		80-120			
1,1-Dichloroethane	8J03001		50.000	ug/L	N/A	N/A	45.0		90		80-120			

CONSTRUCTION RESOURCE MGMT
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Mr. Jim Mertes

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Reported: 10/06/08 09:57

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
1,2-Dichloroethane	8J03001		50.000	ug/L	N/A	N/A	46.1		92		80-120			
1,1-Dichloroethene	8J03001		50.000	ug/L	N/A	N/A	47.9		96		80-120			
cis-1,2-Dichloroethene	8J03001		50.000	ug/L	N/A	N/A	47.0		94		80-120			
trans-1,2-Dichloroethene	8J03001		50.000	ug/L	N/A	N/A	47.2		94		80-120			
1,2-Dichloropropane	8J03001		50.000	ug/L	N/A	N/A	40.3		81		80-120			
1,3-Dichloropropane	8J03001		50.000	ug/L	N/A	N/A	42.6		85		80-120			
2,2-Dichloropropane	8J03001		50.000	ug/L	N/A	N/A	47.6		95		80-120			
1,1-Dichloropropene	8J03001		50.000	ug/L	N/A	N/A	48.2		96		80-120			
cis-1,3-Dichloropropene	8J03001		50.000	ug/L	N/A	N/A	43.6		87		80-120			
trans-1,3-Dichloropropene	8J03001		50.000	ug/L	N/A	N/A	44.2		88		80-120			
2,3-Dichloropropene	8J03001		50.000	ug/L	N/A	N/A	43.2		86		80-120			
Isopropyl Ether	8J03001		50.000	ug/L	N/A	N/A	39.8		80		80-120			
Ethylbenzene	8J03001		50.000	ug/L	N/A	N/A	44.2		88		80-120			
Hexachlorobutadiene	8J03001		50.000	ug/L	N/A	N/A	44.8		90		80-120			
Isopropylbenzene	8J03001		50.000	ug/L	N/A	N/A	46.3		93		80-120			
p-Isopropyltoluene	8J03001		50.000	ug/L	N/A	N/A	48.8		98		80-120			
Methylene Chloride	8J03001		50.000	ug/L	N/A	N/A	47.9		96		80-120			
Methyl tert-Butyl Ether	8J03001		50.000	ug/L	N/A	N/A	46.9		94		80-120			
Naphthalene	8J03001		50.000	ug/L	N/A	N/A	45.6		91		80-120			
n-Propylbenzene	8J03001		50.000	ug/L	N/A	N/A	49.6		99		80-120			
Styrene	8J03001		50.000	ug/L	N/A	N/A	49.0		98		80-120			
1,1,1,2-Tetrachloroethane	8J03001		50.000	ug/L	N/A	N/A	49.0		98		80-120			
1,1,2,2-Tetrachloroethane	8J03001		50.000	ug/L	N/A	N/A	45.3		91		80-120			
Tetrachloroethene	8J03001		50.000	ug/L	N/A	N/A	48.0		96		80-120			
Toluene	8J03001		50.000	ug/L	N/A	N/A	44.1		88		80-120			
1,2,3-Trichlorobenzene	8J03001		50.000	ug/L	N/A	N/A	46.4		93		80-120			
1,2,4-Trichlorobenzene	8J03001		50.000	ug/L	N/A	N/A	47.2		94		80-120			
1,1,1-Trichloroethane	8J03001		50.000	ug/L	N/A	N/A	49.7		99		80-120			
1,1,2-Trichloroethane	8J03001		50.000	ug/L	N/A	N/A	45.4		91		80-120			
Trichloroethene	8J03001		50.000	ug/L	N/A	N/A	51.5		103		80-120			
Trichlorofluoromethane	8J03001		50.000	ug/L	N/A	N/A	57.4		115		80-120			
1,2,3-Trichloropropane	8J03001		50.000	ug/L	N/A	N/A	49.0		98		80-120			
1,2,4-Trimethylbenzene	8J03001		50.000	ug/L	N/A	N/A	50.4		101		80-120			
1,3,5-Trimethylbenzene	8J03001		50.000	ug/L	N/A	N/A	48.5		97		80-120			
Vinyl chloride	8J03001		50.000	ug/L	N/A	N/A	46.7		93		80-120			
Xylenes, Total	8J03001		150.00	ug/L	N/A	N/A	138		92		80-120			
Surrogate: Dibromofluoromethane	*8J03001*			ug/L					*102*		*80-120*			
Surrogate: Toluene-d8	*8J03001*			ug/L					*91*		*80-120*			
Surrogate: 4-Bromofluorobenzene	*8J03001*			ug/L					*102*		*80-120*			

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

Received: 09/29/08
Reported: 10/06/08 09:57

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
QC Source Sample: WRI0998-01														
Benzene	8100043	<0.20	50.000	ug/L	0.20	0.67	55.9	54.3	112	109	80-121	3	11	
Bromobenzene	8100043	<0.20	50.000	ug/L	0.20	0.67	50.3	49.3	101	99	70-130	2	20	
Bromochloromethane	8100043	<0.50	50.000	ug/L	0.50	1.7	52.8	53.5	106	107	70-130	1	20	
Bromodichloromethane	8100043	<0.20	50.000	ug/L	0.20	0.67	51.3	51.5	103	103	70-130	0	20	
Bromoform	8100043	<0.20	50.000	ug/L	0.20	0.67	54.6	52.2	109	104	70-130	5	20	
Bromomethane	8100043	<0.50	50.000	ug/L	0.50	1.7	60.7	63.6	121	127	70-130	5	20	C
n-Butylbenzene	8100043	<0.20	50.000	ug/L	0.20	0.67	51.8	54.2	104	108	70-130	4	20	
sec-Butylbenzene	8100043	<0.25	50.000	ug/L	0.25	0.83	55.4	55.5	111	111	70-130	0	20	
tert-Butylbenzene	8100043	<0.20	50.000	ug/L	0.20	0.67	53.4	55.2	107	110	70-130	3	20	
Carbon Tetrachloride	8100043	<0.50	50.000	ug/L	0.50	1.7	57.6	58.2	115	116	70-130	1	20	
Chlorobenzene	8100043	<0.20	50.000	ug/L	0.20	0.67	51.2	51.4	102	103	85-116	0	9	
Chlorodibromomethane	8100043	<0.20	50.000	ug/L	0.20	0.67	53.4	53.7	107	107	70-130	1	20	
Chloroethane	8100043	<1.0	50.000	ug/L	1.0	3.3	60.0	60.8	120	122	70-130	1	20	
Chloroform	8100043	0.600	50.000	ug/L	0.20	0.67	52.9	54.3	105	107	70-130	3	20	
Chloromethane	8100043	<0.30	50.000	ug/L	0.30	1.0	55.7	56.1	111	112	70-130	1	20	
2-Chlorotoluene	8100043	<0.50	50.000	ug/L	0.50	1.7	53.3	53.0	107	106	70-130	1	20	
4-Chlorotoluene	8100043	<0.20	50.000	ug/L	0.20	0.67	52.6	51.4	105	103	70-130	2	20	
1,2-Dibromo-3-chloropropane	8100043	<0.50	50.000	ug/L	0.50	1.7	49.4	49.3	99	99	70-130	0	20	
1,2-Dibromoethane (EDB)	8100043	<0.20	50.000	ug/L	0.20	0.67	52.1	49.8	104	100	70-130	5	20	
Dibromomethane	8100043	<0.20	50.000	ug/L	0.20	0.67	51.0	51.0	102	102	70-130	0	20	
1,2-Dichlorobenzene	8100043	<0.20	50.000	ug/L	0.20	0.67	48.1	51.7	96	103	70-130	7	20	
1,3-Dichlorobenzene	8100043	<0.20	50.000	ug/L	0.20	0.67	48.9	52.2	98	104	70-130	6	20	
1,4-Dichlorobenzene	8100043	<0.50	50.000	ug/L	0.50	1.7	48.8	48.2	98	96	70-130	1	20	
Dichlorodifluoromethane	8100043	<0.50	50.000	ug/L	0.50	1.7	51.2	51.9	102	104	70-130	1	20	
1,1-Dichloroethane	8100043	<0.50	50.000	ug/L	0.50	1.7	54.8	56.5	110	113	70-130	3	20	
1,2-Dichloroethane	8100043	<0.50	50.000	ug/L	0.50	1.7	53.1	52.6	106	105	70-130	1	20	
1,1-Dichloroethene	8100043	<0.50	50.000	ug/L	0.50	1.7	59.3	58.8	119	118	72-131	1	17	
cis-1,2-Dichloroethene	8100043	<0.50	50.000	ug/L	0.50	1.7	54.5	56.1	109	112	70-130	3	20	
trans-1,2-Dichloroethene	8100043	<0.50	50.000	ug/L	0.50	1.7	55.2	54.6	110	109	70-130	1	20	
1,2-Dichloropropane	8100043	<0.50	50.000	ug/L	0.50	1.7	52.4	48.6	105	97	70-130	7	20	
1,3-Dichloropropane	8100043	<0.25	50.000	ug/L	0.25	0.83	48.4	49.7	97	99	70-130	3	20	
2,2-Dichloropropane	8100043	<0.50	50.000	ug/L	0.50	1.7	52.0	52.5	104	105	70-130	1	20	
1,1-Dichloropropene	8100043	<0.50	50.000	ug/L	0.50	1.7	55.7	56.7	111	113	70-130	2	20	
cis-1,3-Dichloropropene	8100043	<0.20	50.000	ug/L	0.20	0.67	51.6	49.2	103	98	70-130	5	20	
trans-1,3-Dichloropropene	8100043	<0.20	50.000	ug/L	0.20	0.67	50.4	48.2	101	96	70-130	4	20	
Isopropyl Ether	8100043	<0.50	50.000	ug/L	0.50	1.7	50.2	53.3	100	107	68-128	6	16	
Ethylbenzene	8100043	<0.50	50.000	ug/L	0.50	1.7	49.2	52.5	98	105	83-118	6	13	
Hexachlorobutadiene	8100043	<0.50	50.000	ug/L	0.50	1.7	47.0	48.4	94	97	70-130	3	20	
Isopropylbenzene	8100043	<0.20	50.000	ug/L	0.20	0.67	55.7	53.4	111	107	70-130	4	20	
p-Isopropyltoluene	8100043	<0.20	50.000	ug/L	0.20	0.67	57.1	56.0	114	112	70-130	2	20	
Methylene Chloride	8100043	<1.0	50.000	ug/L	1.0	3.3	55.4	55.3	111	111	70-130	0	20	
Methyl tert-Butyl Ether	8100043	<0.50	50.000	ug/L	0.50	1.7	52.0	52.8	104	106	71-127	1	22	
Naphthalene	8100043	<0.25	50.000	ug/L	0.25	0.83	53.2	52.6	106	105	70-130	1	20	
n-Propylbenzene	8100043	<0.50	50.000	ug/L	0.50	1.7	54.0	53.0	108	106	70-130	2	20	
Styrene	8100043	<0.50	50.000	ug/L	0.50	1.7	51.6	50.7	103	101	70-130	2	20	

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
Project: Surface Water Analysis
Project Number: Ripon Wells

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Reported: 10/06/08 09:57

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
QC Source Sample: WRI0998-01														
1,1,1,2-Tetrachloroethane	8100043	<0.25	50.000	ug/L	0.25	0.83	50.8	53.2	102	106	70-130	5	20	
1,1,2,2-Tetrachloroethane	8100043	<0.20	50.000	ug/L	0.20	0.67	52.2	50.1	104	100	70-130	4	20	
Tetrachloroethene	8100043	<0.50	50.000	ug/L	0.50	1.7	53.0	53.2	106	106	70-130	1	20	
Toluene	8100043	<0.50	50.000	ug/L	0.50	1.7	52.6	51.2	105	102	82-116	3	11	
1,2,3-Trichlorobenzene	8100043	<0.25	50.000	ug/L	0.25	0.83	49.6	49.8	99	100	70-130	0	20	
1,2,4-Trichlorobenzene	8100043	<0.25	50.000	ug/L	0.25	0.83	50.0	52.4	100	105	70-130	5	20	
1,1,1-Trichloroethane	8100043	<0.50	50.000	ug/L	0.50	1.7	57.0	57.0	114	114	70-130	0	20	
1,1,2-Trichloroethane	8100043	<0.25	50.000	ug/L	0.25	0.83	52.1	50.9	104	102	70-130	2	20	
Trichloroethene	8100043	<0.20	50.000	ug/L	0.20	0.67	56.4	55.8	113	112	80-117	1	13	
Trichlorofluoromethane	8100043	<0.50	50.000	ug/L	0.50	1.7	60.8	59.6	122	119	70-130	2	20	C
1,2,3-Trichloropropane	8100043	<0.50	50.000	ug/L	0.50	1.7	50.3	48.2	101	96	70-130	4	20	
1,2,4-Trimethylbenzene	8100043	<0.20	50.000	ug/L	0.20	0.67	54.4	54.9	109	110	80-122	1	14	
1,3,5-Trimethylbenzene	8100043	<0.20	50.000	ug/L	0.20	0.67	54.5	53.2	109	106	83-122	2	12	
Vinyl chloride	8100043	<0.20	50.000	ug/L	0.20	0.67	59.8	60.6	120	121	70-130	1	20	C
Xylenes, Total	8100043	<0.50	150.00	ug/L	0.50	1.7	145	149	97	100	84-119	3	12	
Surrogate: Dibromofluoromethane	*8100043*			ug/L					*103*	*104*	*89-119*			
Surrogate: Toluene-d8	*8100043*			ug/L					*98*	*95*	*91-109*			
Surrogate: 4-Bromofluorobenzene	*8100043*			ug/L					*99*	*103*	*89-114*			
QC Source Sample: WRI0998-02														
Benzene	8100076	<0.20	50.000	ug/L	0.20	0.67	48.3	48.3	97	97	80-121	0	11	
Bromobenzene	8100076	<0.20	50.000	ug/L	0.20	0.67	49.6	49.1	99	98	70-130	1	20	
Bromochloromethane	8100076	<0.50	50.000	ug/L	0.50	1.7	52.4	50.2	105	100	70-130	4	20	
Bromodichloromethane	8100076	<0.20	50.000	ug/L	0.20	0.67	47.4	49.1	95	98	70-130	4	20	
Bromoform	8100076	<0.20	50.000	ug/L	0.20	0.67	52.8	53.8	106	108	70-130	2	20	
Bromomethane	8100076	<0.50	50.000	ug/L	0.50	1.7	54.6	54.4	109	109	70-130	0	20	
n-Butylbenzene	8100076	<0.20	50.000	ug/L	0.20	0.67	48.2	50.2	96	100	70-130	4	20	
sec Butylbenzene	8100076	<0.25	50.000	ug/L	0.25	0.83	48.4	50.5	97	101	70-130	4	20	
tert-Butylbenzene	8100076	<0.20	50.000	ug/L	0.20	0.67	48.1	52.2	96	104	70-130	8	20	
Carbon Tetrachloride	8100076	<0.50	50.000	ug/L	0.50	1.7	62.1	61.0	124	122	70-130	2	20	
Chlorobenzene	8100076	<0.20	50.000	ug/L	0.20	0.67	48.1	48.6	96	97	85-116	1	9	
Chlorodibromomethane	8100076	<0.20	50.000	ug/L	0.20	0.67	52.5	57.0	105	114	70-130	8	20	
Chloroethane	8100076	<1.0	50.000	ug/L	1.0	3.3	54.9	53.0	110	106	70-130	4	20	
Chloroform	8100076	<0.20	50.000	ug/L	0.20	0.67	50.7	49.5	101	99	70-130	2	20	
Chloromethane	8100076	<0.30	50.000	ug/L	0.30	1.0	46.3	46.4	93	93	70-130	0	20	
2-Chlorotoluene	8100076	<0.50	50.000	ug/L	0.50	1.7	51.9	51.4	104	103	70-130	1	20	
4-Chlorotoluene	8100076	<0.20	50.000	ug/L	0.20	0.67	51.0	48.3	102	97	70-130	5	20	
1,2-Dibromo-3-chloropropane	8100076	<0.50	50.000	ug/L	0.50	1.7	47.6	48.2	95	96	70-130	1	20	
1,2-Dibromoethane (EDB)	8100076	<0.20	50.000	ug/L	0.20	0.67	45.1	47.5	90	95	70-130	5	20	
Dibromomethane	8100076	<0.20	50.000	ug/L	0.20	0.67	52.8	55.1	106	110	70-130	4	20	
1,2-Dichlorobenzene	8100076	<0.20	50.000	ug/L	0.20	0.67	46.5	47.4	93	95	70-130	2	20	
1,3-Dichlorobenzene	8100076	<0.20	50.000	ug/L	0.20	0.67	47.4	48.4	95	97	70-130	2	20	
1,4-Dichlorobenzene	8100076	<0.50	50.000	ug/L	0.50	1.7	46.8	48.0	94	96	70-130	2	20	
Dichlorodifluoromethane	8100076	<0.50	50.000	ug/L	0.50	1.7	57.4	54.0	115	108	70-130	6	20	
1,1-Dichloroethane	8100076	<0.50	50.000	ug/L	0.50	1.7	48.6	48.3	97	97	70-130	1	20	
1,2-Dichloroethane	8100076	<0.50	50.000	ug/L	0.50	1.7	48.5	48.7	97	97	70-130	0	20	

CONSTRUCTION RESOURCE MGMT
N3 W23650 Badinger Road
Waukesha, WI 53187
Mr. Jim Mertes

Work Order: WRI0998
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MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
QC Source Sample: WRI0998-02														
1,1-Dichloroethene	8100076	<0.50	50.000	ug/L	0.50	1.7	56.1	54.5	112	109	72-131	3	17	
cis-1,2-Dichloroethene	8100076	<0.50	50.000	ug/L	0.50	1.7	53.1	51.4	106	103	70-130	3	20	
trans-1,2-Dichloroethene	8100076	<0.50	50.000	ug/L	0.50	1.7	54.7	50.3	109	101	70-130	8	20	
1,2-Dichloropropane	8100076	<0.50	50.000	ug/L	0.50	1.7	42.0	44.7	84	89	70-130	6	20	
1,3-Dichloropropane	8100076	<0.25	50.000	ug/L	0.25	0.83	44.0	46.2	88	92	70-130	5	20	
2,2-Dichloropropane	8100076	<0.50	50.000	ug/L	0.50	1.7	56.2	55.9	112	112	70-130	1	20	
1,1-Dichloropropene	8100076	<0.50	50.000	ug/L	0.50	1.7	53.0	53.9	106	108	70-130	2	20	
cis-1,3-Dichloropropene	8100076	<0.20	50.000	ug/L	0.20	0.67	47.0	47.5	94	95	70-130	1	20	
trans-1,3-Dichloropropene	8100076	<0.20	50.000	ug/L	0.20	0.67	45.2	50.6	90	101	70-130	11	20	
Isopropyl Ether	8100076	<0.50	50.000	ug/L	0.50	1.7	43.4	44.0	87	88	68-128	1	16	
Ethylbenzene	8100076	<0.50	50.000	ug/L	0.50	1.7	48.1	47.6	96	95	83-118	1	13	
Hexachlorobutadiene	8100076	<0.50	50.000	ug/L	0.50	1.7	49.8	52.8	100	106	70-130	6	20	
Isopropylbenzene	8100076	<0.20	50.000	ug/L	0.20	0.67	53.0	50.4	106	101	70-130	5	20	
p-Isopropyltoluene	8100076	<0.20	50.000	ug/L	0.20	0.67	53.7	56.8	107	114	70-130	6	20	
Methylene Chloride	8100076	<1.0	50.000	ug/L	1.0	3.3	51.9	47.9	104	96	70-130	8	20	
Methyl tert-Butyl Ether	8100076	<0.50	50.000	ug/L	0.50	1.7	50.4	46.9	101	94	71-127	7	22	
Naphthalene	8100076	<0.25	50.000	ug/L	0.25	0.83	47.8	48.4	96	97	70-130	1	20	
n-Propylbenzene	8100076	<0.50	50.000	ug/L	0.50	1.7	52.7	51.4	105	103	70-130	2	20	
Styrene	8100076	<0.50	50.000	ug/L	0.50	1.7	51.6	50.3	103	101	70-130	3	20	
1,1,1,2-Tetrachloroethane	8100076	<0.25	50.000	ug/L	0.25	0.83	50.7	50.4	101	101	70-130	1	20	
1,1,2,2-Tetrachloroethane	8100076	<0.20	50.000	ug/L	0.20	0.67	44.4	45.7	89	91	70-130	3	20	
Tetrachloroethene	8100076	<0.50	50.000	ug/L	0.50	1.7	51.1	54.6	102	109	70-130	7	20	
Toluene	8100076	<0.50	50.000	ug/L	0.50	1.7	47.2	48.0	94	96	82-116	2	11	
1,2,3-Trichlorobenzene	8100076	<0.25	50.000	ug/L	0.25	0.83	49.4	50.5	99	101	70-130	2	20	
1,2,4-Trichlorobenzene	8100076	<0.25	50.000	ug/L	0.25	0.83	50.2	53.5	100	107	70-130	6	20	
1,1,1-Trichloroethane	8100076	<0.50	50.000	ug/L	0.50	1.7	58.0	53.0	116	106	70-130	9	20	
1,1,2-Trichloroethane	8100076	<0.25	50.000	ug/L	0.25	0.83	43.8	49.1	88	98	70-130	11	20	
Trichloroethene	8100076	<0.20	50.000	ug/L	0.20	0.67	52.4	56.3	105	113	80-117	7	13	
Trichlorofluoromethane	8100076	<0.50	50.000	ug/L	0.50	1.7	65.0	59.0	130	118	70-130	10	20	
1,2,3-Trichloropropane	8100076	<0.50	50.000	ug/L	0.50	1.7	49.6	49.3	99	99	70-130	1	20	
1,2,4-Trimethylbenzene	8100076	<0.20	50.000	ug/L	0.20	0.67	53.4	52.9	107	106	80-122	1	14	
1,3,5-Trimethylbenzene	8100076	<0.20	50.000	ug/L	0.20	0.67	53.0	51.7	106	103	83-122	2	12	
Vinyl chloride	8100076	<0.20	50.000	ug/L	0.20	0.67	53.4	52.6	107	105	70-130	2	20	
Xylenes, Total	8100076	<0.50	150.00	ug/L	0.50	1.7	144	147	96	98	84-119	2	12	
Surrogate: Dibromofluoromethane	*8100076*			ug/L					*103*	*98*	*89-119*			
Surrogate: Toluene-d8	*8100076*			ug/L					*86*	*89*	*91-109*			Z6
Surrogate: 4-Bromofluorobenzene	*8100076*			ug/L					*99*	*96*	*89-114*			

602 Commerce Drive Watertown, WI 53094 * 800-833-7036 * Fax 920-261-8120

CONSTRUCTION RESOURCE MGMT	Work Order:	WRI0998	Received:	09/29/08
N3 W23650 Badinger Road	Project:	Surface Water Analysis	Reported:	10/06/08 09:57
Waukesha, WI 53187	Project Number:	Ripon Wells		
Mr. Jim Mertes				

CERTIFICATION SUMMARY

TestAmerica Watertown

Method	Matrix	Nelac	Wisconsin
SW 8260B	Water - NonPotable	X	X

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
J	Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.
Z6	Surrogate recovery was below acceptance limits.

ADDITIONAL COMMENTS

TestAmerica Watertown
Brian DeJong For Warren L. Topel
Project Manager

WRI0498

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring ____

Client Name: CRM Inc. Client #: ____
Address: PO Box 1432
City/State/Zip Code: Waukesha WI
Project Manager: Jim Mertes
Telephone Number: 262 524 1849 Fax: 262 524 1879
Sampler Name: (Print Name) Jim Mertes
Sampler Signature: [signature]
E-mail address: ____

Project Name: Ripon Wells
Project #: ____
Site/Location ID: ____ State: ____
Report To: Jim Mertes
Invoice To: " " , CRM
Quote #: ____ PO#: ____

TAT: (X) Standard ( ) Rush (surcharges may apply)
Date Needed: ____
Fax Results: (Y) N
E-mail: (Y) N

QC Deliverables: ___ None ___ Level 2 (Batch QC) ___ Level 3 ___ Level 4 Other: ____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs	REMARKS
-01 Ende Well	9-29-08	12:30 Pm	N	N			3						Y	
-02 Hollatz Well	9-29-08	1:00 Pm					3						Y	
-03 NEA Ripon Well	9-29-08	1:30 Pm					3						Y	
-04 Blank	9-29-08	1:40 Pm	↓	↓			3						Y	
-05 Trip Blank														not on coc

Special Instructions: Dropped off at Test America 9-29-08 Jm

Relinquished By: [signature]	Date: 9-29-08	Time: 3 Pm	Received By: [signature]	Date: 9/29/08	Time: 5 04
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp: 8.1 ice
Rec Lab Temp:
Custody Seals: Y (N) N/A
Bottles Supplied by TestAmerica: (Y) N
Method of Shipment: Client

TAL-0020 (1207)

R 9/29/08