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LETTER OF TRANSMITTAL

TO: Ms. Jennie Easterly
WDNR/R & R Program
625 E County Road Y, Ste. 700
Oshkosh, WI 54901-9737

DATE: October 3, 2007
RE: FF/NN Landfill
JOB NO: 1011.005

We are sending you the following:

No. Of Copies	Description
1	Quarterly Status Report for August 2007

These are Transmitted as checked below:

- ☐ For approval
- ☑ For your use
- ☐ As requested
- ☐ For review and comment
- ☐ Approved as submitted
- ☐ Approved as noted
- ☐ Returned for corrections
- ☐ Other _____

REMARKS:

Signed: Kevin Lincicum, P.G.

cc: Nelson Olavarria
Steve Barg, City of Ripon
Lee Archiquette, WDNR
Bernard Schorle, USEPA

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175 N. Corporate Drive
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www.geotransinc.com

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QUARTERLY STATUS REPORT FOR AUGUST 2007
FF/NN LANDFILL
RIPON, WISCONSIN

October 1, 2007

Prepared For:

FF/NN Landfill PRP Group

Prepared By:

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

Project No. 1011.005

Michael R. Noel, P.G.
Vice-President, Principal Hydrogeologist

Kevin F. Lincicum, P.G.
Project Hydrogeologist

QUARTERLY STATUS REPORT FOR AUGUST 2007

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CONTRACT SF-92-01

QUARTERLY STATUS REPORT

FOR AUGUST 2007

SITE NAME/ACTIVITY:

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

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

PREPARED BY:

Mr. Michael R. Noel and Mr. Kevin F. Lincicum
GeoTrans, Inc.
175 N. Corporate Drive, Suite 100
Brookfield, Wisconsin 53045

GeoTrans Ref No.: 1011.005

PREPARED FOR:

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

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

DATE:

October 1, 2007

FIELD ACTIVITIES THIS REPORTING PERIOD

- Groundwater elevations were measured at 27 monitoring wells on August 8 and 14, 2007. Water levels in Layer 4 wells were measured consecutively to avoid any effects from municipal pumping.

- A total of 17 monitoring wells and three private drinking wells were sampled for VOCs during the August 2007 event. Two duplicate samples were collected for quality control. The sampling program followed the plan approved by the WDNR in a letter dated October 4, 2004 and modified in a letter dated January 13, 2005.

- Landfill gas monitoring in the gas probes and monitoring wells was conducted on August 13, 2007 by Jack Wendler from the City of Ripon. Jack Wendler has also conducted periodic gas monitoring of the extraction system vents and wells. Gas samples were taken at each extraction point on August 9, 2007 by Kevin Lincicum and submitted to the laboratory for VOC analyses.

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 August 8 and 14, 2007, groundwater elevations were measured in all monitoring wells. These elevations are provided in Table 1 and shown on Figures 1 through 4. Each layer is discussed separately below.

Layer 1 Wells

Layer 1 contains nine wells with screen elevations ranging from 812 feet to 821 feet MSL. All of these well screens intersect the water table. The groundwater elevations are displayed on Figure 1. Compared to the previous sampling event in May, 2007, water table elevations decreased in wells up-gradient of the landfill and increased in the down-gradient wells.

Historically, the groundwater flow direction in this layer has been to the southwest. During the August, 2007 event, the groundwater flow was to the southwest.

Layer 2 Wells

Layer 2 contains eight wells with screen elevations ranging from 774 feet to 792 feet MSL. The groundwater potentiometric surface for this layer is displayed on Figure 2. Compared to the previous sampling event in May, 2007, water level elevations decreased in the wells up-gradient of the landfill and increased in the down gradient wells.

Historically, the groundwater flow direction in this layer has been to the southwest. During the August, 2007 event, flow was to the southwest.

Layer 3 Wells

Layer 3 contains seven wells with screen elevations ranging from 634 feet to 704 feet MSL. The groundwater potentiometric surface for this layer is displayed on Figure 3. Compared to the previous sampling event in May, 2007, water elevations increased in the wells to the southeast (MW-3B and P-113B) and decreased in the other wells.

Historically, the groundwater flow direction in this layer has been southwesterly and becomes westerly further downgradient. The August, 2007 groundwater flow direction is consistent with the historical results.

Layer 4 Wells

Layer 4 contains three wells with screen elevations ranging from 508 feet to 570 feet MSL. The three wells in this grouping are located 375 to 2300 feet downgradient of the landfill. The groundwater potentiometric surface for this layer is displayed on Figure 4. Compared to the previous sampling event in May, 2007, water elevations increased in all wells from 0.35 feet in P-113A to 2.0 feet in MW-3A.

Historically, the groundwater flow direction in this layer has been to the southeast. During the August, 2007 event, flow was to the west. The increase in water elevations and change in the groundwater flow direction appears to be related to the termination of pumping from City of Ripon Municipal Well 9. This well was turned off on May 24, 2007.

Groundwater Monitoring Event - Monitoring Well Sampling

The revised groundwater monitoring program as modified by WDNR correspondence dated January 13, 2005 was followed for the August 2007 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 August, 2007 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-106	No detection of any VOC.
MW-108	No detection of any VOC.
MW-111	No detection of any VOC.
MW-112	Vinyl chloride (VC) exceeded its ES at 1.6 ppb (1.8 ppb duplicate). This concentration is less than the past two quarterly sampling events.

Layer 2 Wells

P-102	No detection of any VOC.
P-103	VC exceeded its ES at 1.4 ppb. The concentration of VC has been consistent with results from the past year.

P-104 No detection of any VOC.

P-108 No detection of any VOC except dichlorodifluoromethane which was detected below the limit of quantitation (LOQ).

P-111 No detection of any VOC.

Layer 3 Wells

MW-3B No detection of any VOC.

P-111D VC exceeded its ES at 8.5 ppb. This concentration is consistent with results from the past year.

P-113B No detection of any VOC.

P-114 VC exceeded its ES at 6.7 ppb (7.5 ppb duplicate). This concentration is consistent with results from the past year.

P-115 VC exceeded its ES at 0.62 ppb. VC has been detected in low concentrations since April 2006.

P-116 No detection of any VOC.

Layer 4 Wells

MW-3A No detection of any VOC.

P-113A No detection of any VOC.

Groundwater Monitoring Event - Private Drinking Water Well Sampling

Historically, seven private wells have been sampled. Four of these wells (Altnau, Hadel, Miller and Wiese) have either been abandoned or converted to monitoring wells. The remaining three wells (Perry/Watkins, Gaastra and Rohde) were sampled during the August, 2007 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 Tables 5 and 6 and Charts 1-26.

The system operation consisted of a daily cycle of 6 hours on and 18 hours off at the beginning of the reporting period. At that time GV-1 and GV-7 remained closed due to low methane and

oxygen levels greater than 5%. Extraction from GV-4, GV-6, GV-9 and GV-12 continued but at a reduced flow rate (~ 6 to 12 cfm) to maintain oxygen levels below 5%. Extraction was focused on the leachate wells LC-1, LC-2 and LC-3 (~ 60 to 90 cfm). On August 13, GV-9 was closed due to oxygen levels above 5% and the run time was increased to 12 hours on and 12 hours off on due to the presence of methane above the LEL in gas probe GP-1. On August 28, GV-4 and GV-12 were closed (leaving GV-6 as the sole operating vent for the shallow gas system) due to oxygen levels above 5% and the run time was increased to 24 hours (no off time) due to the continued presence of methane above the LEL in GP-1. On September 18 the run time was decreased to 18 hours on and 6 hours off because of increasing oxygen levels and declining methane levels in the extraction wells along with a decrease in methane at GP-1 to below the LEL. Current extraction is from shallow vent GV-6 and the three deep leachate wells (LC-1, LC-2 and LC-3).

The VOC results from gas samples collected August 9, 2007 show a decrease since the last sampling in May. Overall, the concentration of vinyl chloride has decreased or remained nondetectable in all the gas vents and leachate head wells since the last sampling event. At LC-3 the concentration of vinyl chloride in the landfill gas showed a dramatic decrease compared to previous sampling events.

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 as of the most recent monitoring event on September 17.

UPCOMING ACTIVITIES PLANNED

Groundwater sampling will be conducted in accordance with the approved plan. Sampling of the three private homes and water level measurements will be conducted quarterly. Groundwater sampling will occur semi-annually starting in October.

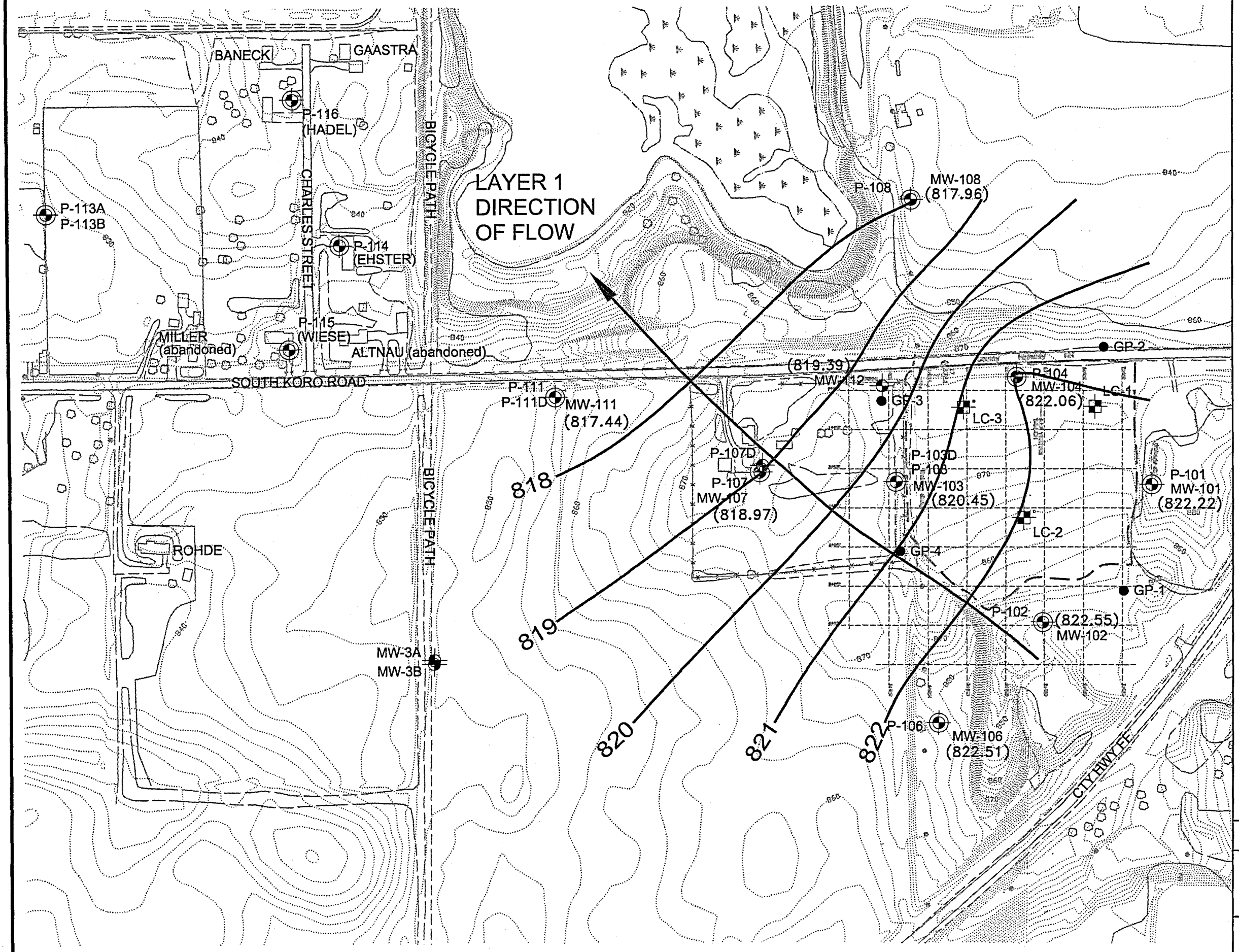
Landfill gas monitoring will be conducted monthly by City of Ripon personnel.

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

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 April 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
- (822.22) — 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
AUGUST 2007

DATE:	9/27/07
DESIGNED:	KFL
CHECKED:	KFL
APPROVED:	MRN
DRAWN:	HJW
PROJ.:	1011.006

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Figure 1

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BANECK
GAASTRA
P-116
(HADEL)
BICYCLE PATH
CHARLES STREET
P-113A
P-113B
P-114
(EHSTER)
P-115
(WIESE)
MILLER
(abandoned)
ALTNAU (abandoned)
(816.95)
P-111
P-111D
SOUTH KORO ROAD
MW-111
LAYER 2
DIRECTION
OF FLOW
817
818
819
820
821
822
(821.45)
P-108
MW-108
MW-112
GP-2
(822.27)
P-104
MW-104
GP-3
LC-3
LC-1
(822.18)
P-101
MW-101
P-107D
(819.01) P-107
MW-107
P-103D
P-103 (822.17)
MW-103
LC-2
GP-4
GP-1
P-102
(822.63)
MW-102
ROHDE
MW-3A
MW-3B
(822.44)
P-106
MW-106
CTY HWY EE

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
- (822.18) — GROUNDWATER ELEVATION

N

SCALE

0 500

Feet

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

FF/NN LANDFILL RIPON, WISCONSIN	DATE: 9/27/07
	DESIGNED: KFL
GROUNDWATER ELEVATIONS LAYER 2 WELLS AUGUST 2007	CHECKED: KFL
	APPROVED: MRN
	DRAWN: HJW
	PROJ.: 1011.006
GeoTrans, Inc. A TETRA TECH COMPANY	Figure 2

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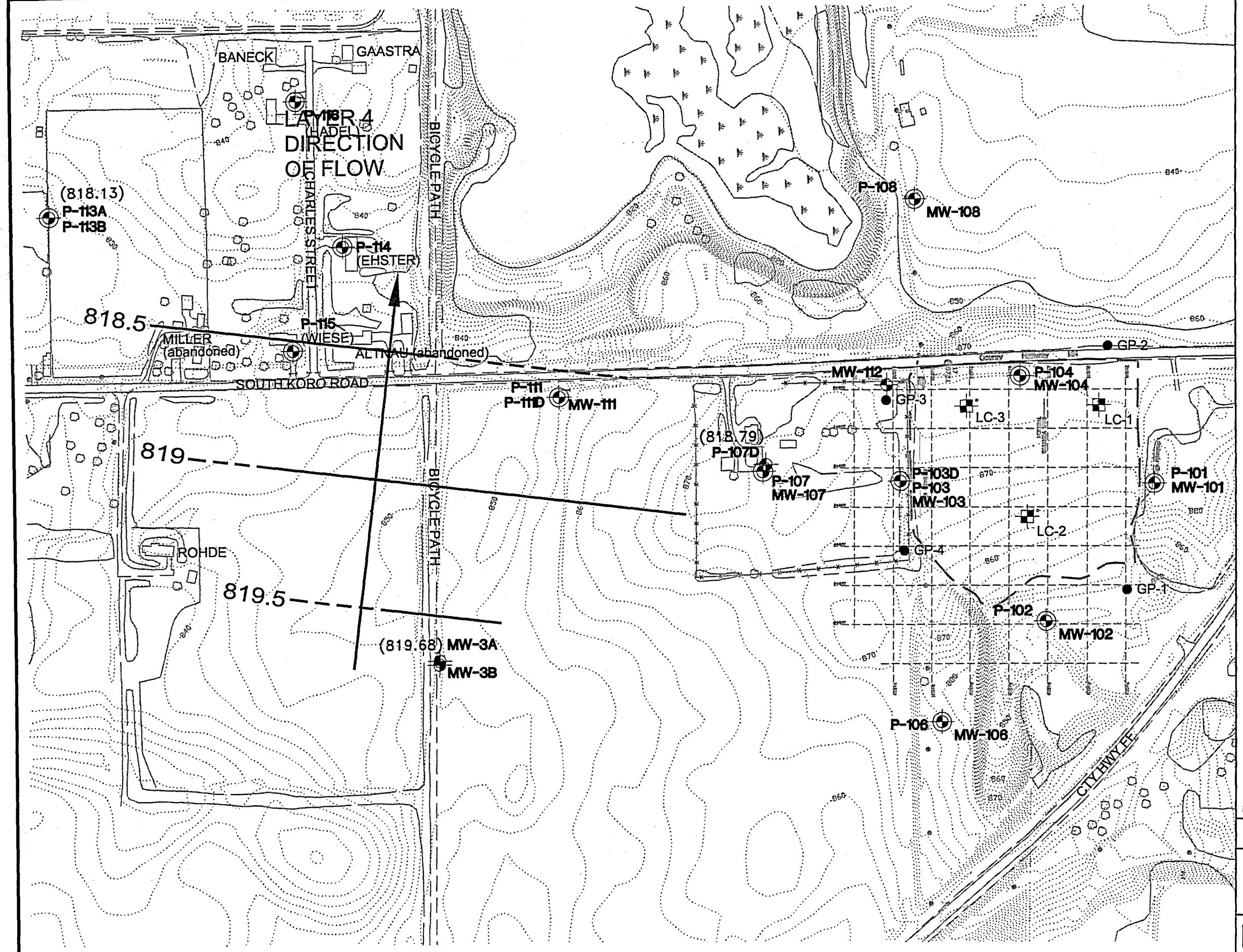

EXPLANATION

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

N

SCALE

0 500

Feet

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

FF/NN LANDFILL RIPON, WISCONSIN	DATE: 9/27/07 DESIGNED: KFL CHECKED: KFL APPROVED: MRN DRAWN: HJW PROJ.: 1011.006
GROUNDWATER ELEVATIONS LAYER 4 WELLS AUGUST 2007	
GeoTrans, Inc. A TETRA TECH COMPANY	Figure 4

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CHARTS

Chart 1: GV-1 Gas Concentrations

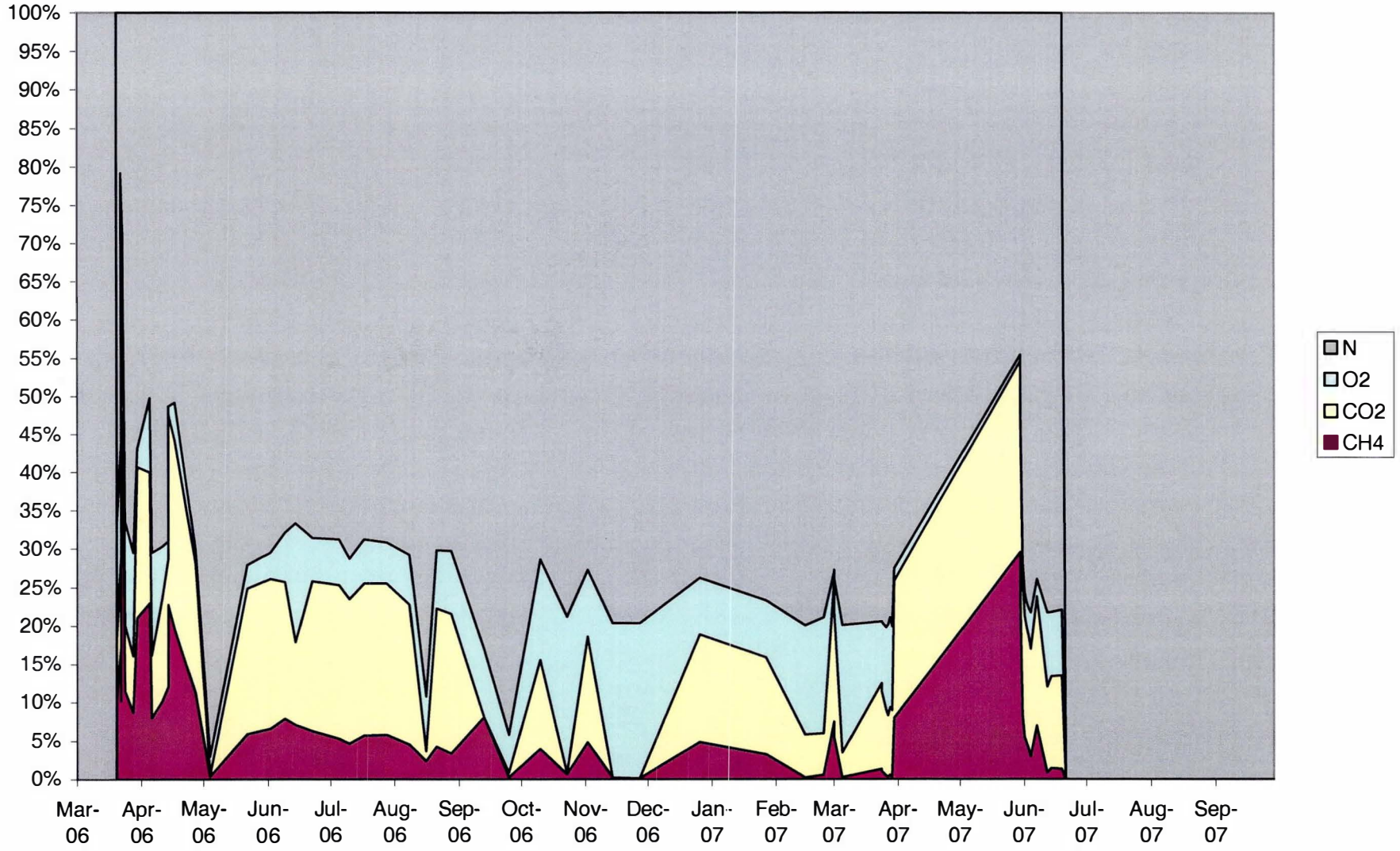

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Chart 2: GV-4 Gas Concentrations

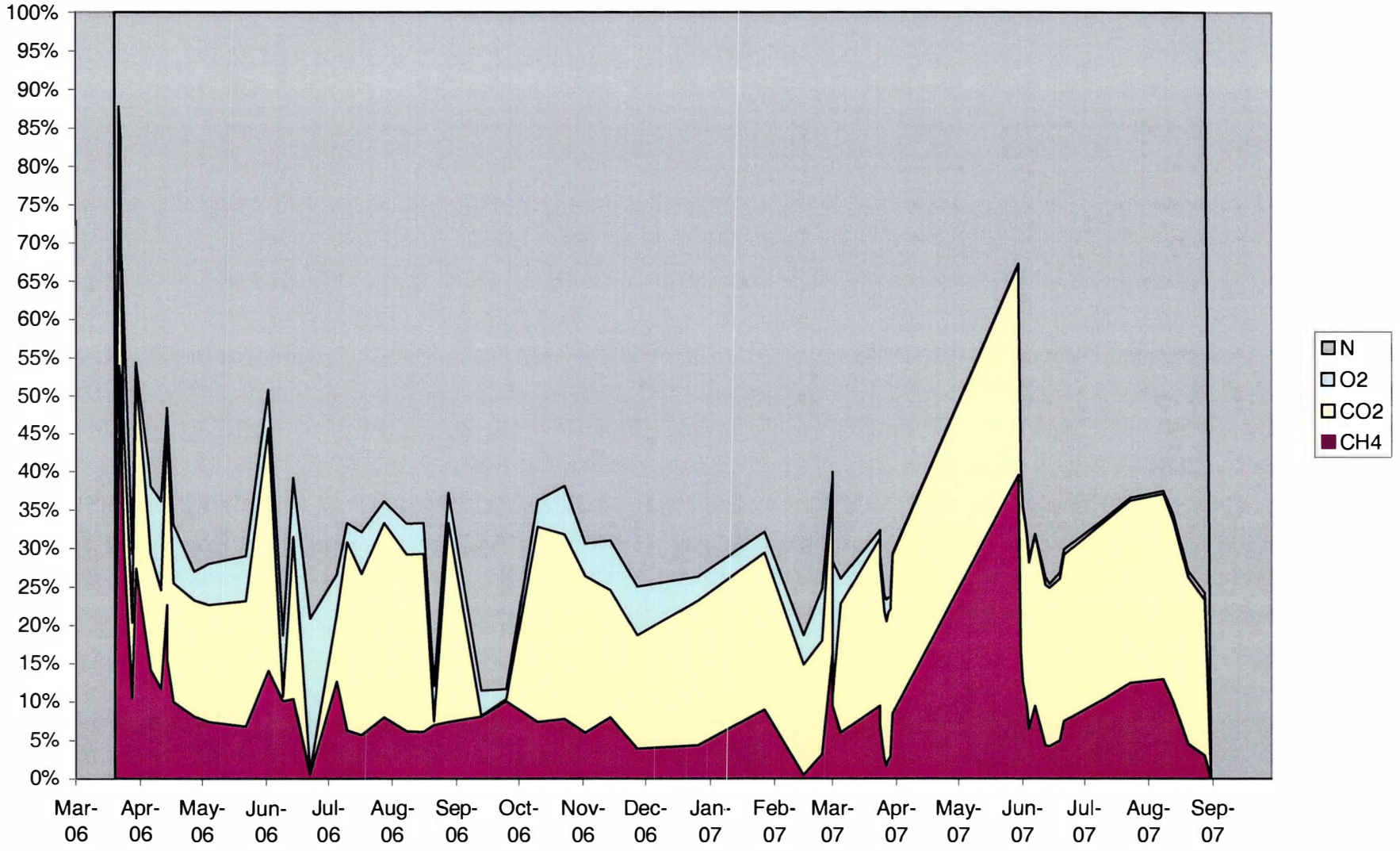

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Chart 3: GV-6 Gas Concentrations

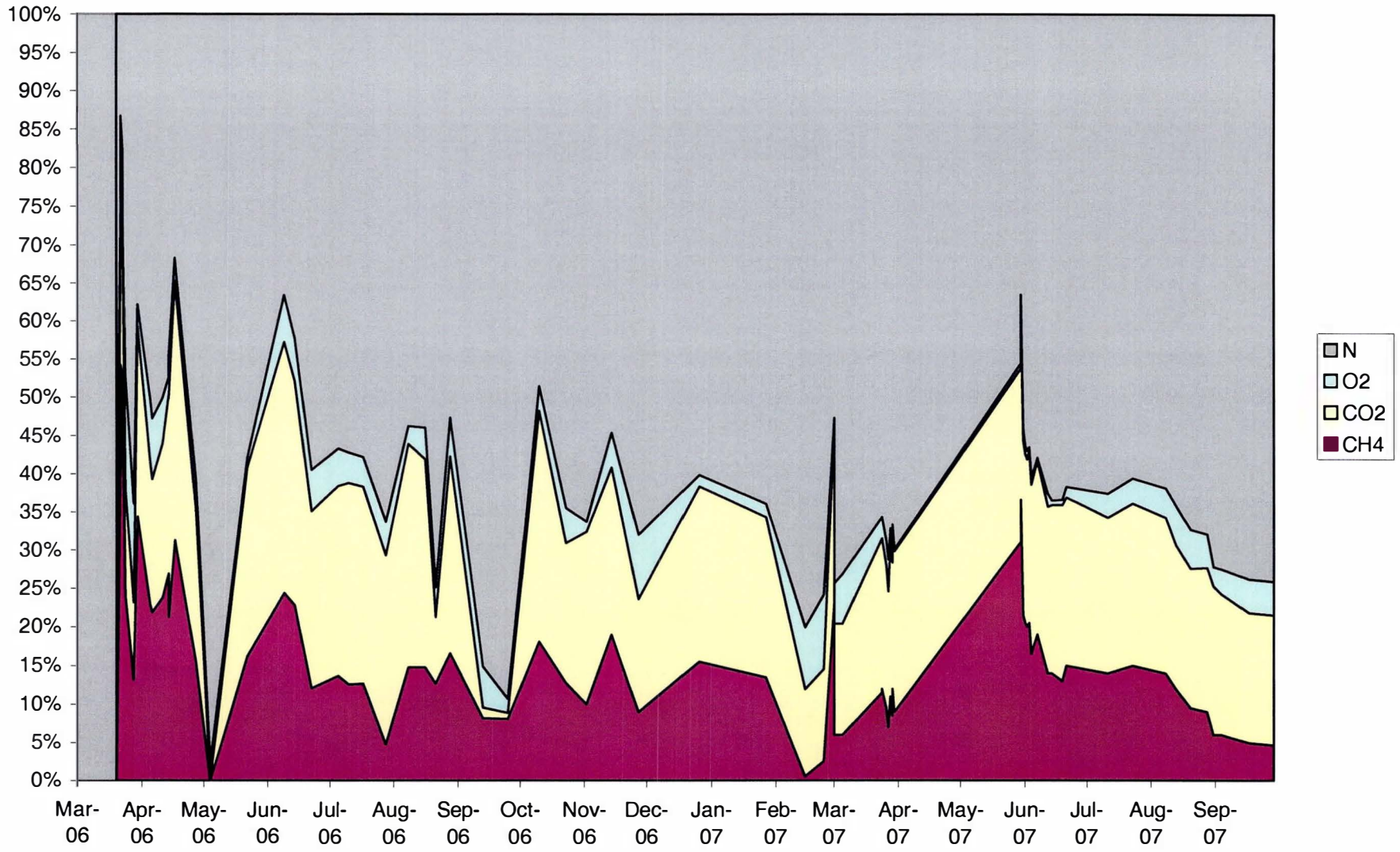

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Chart 4: GV-7 Gas Concentrations

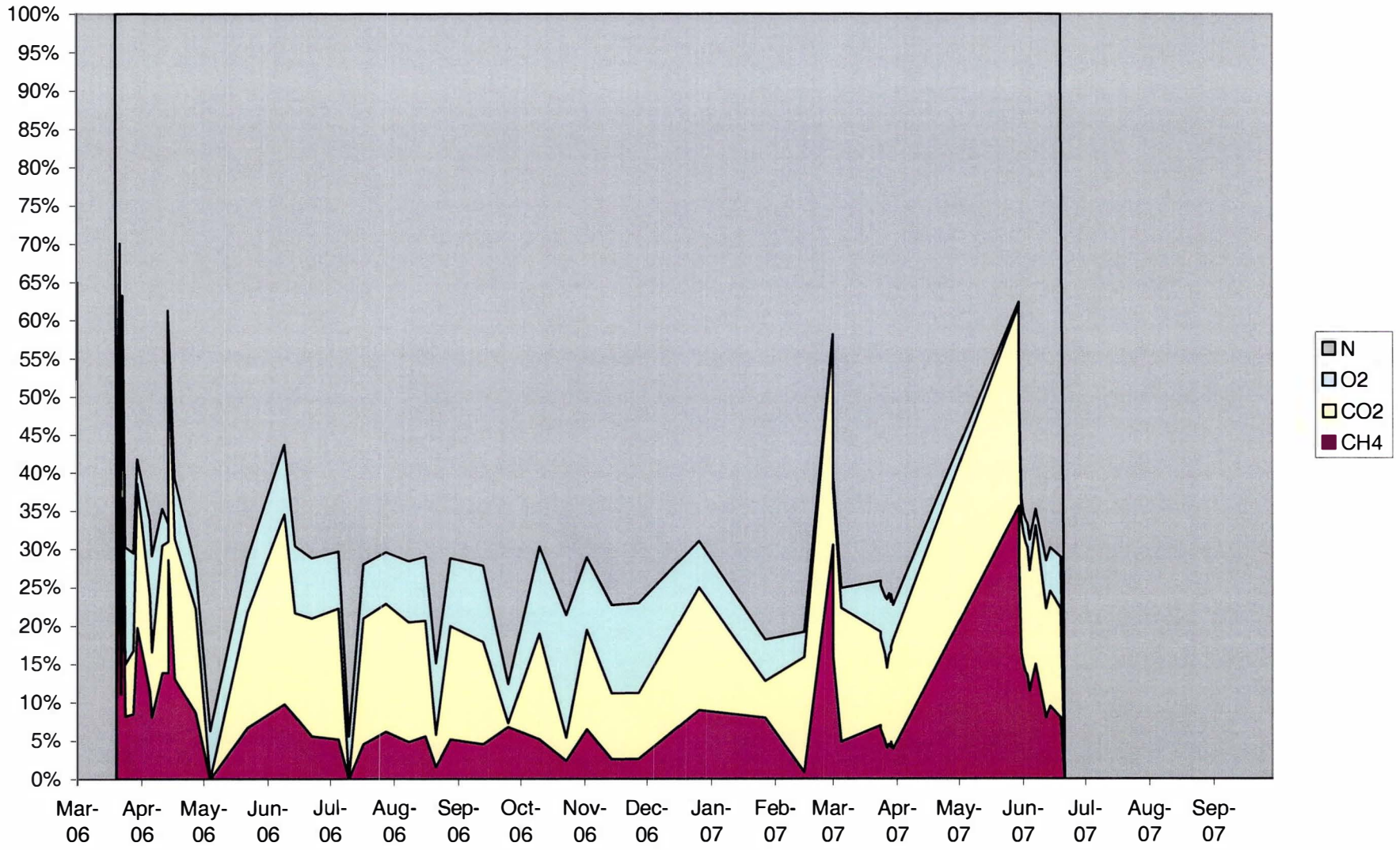

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Chart 5: GV-9 Gas Concentrations

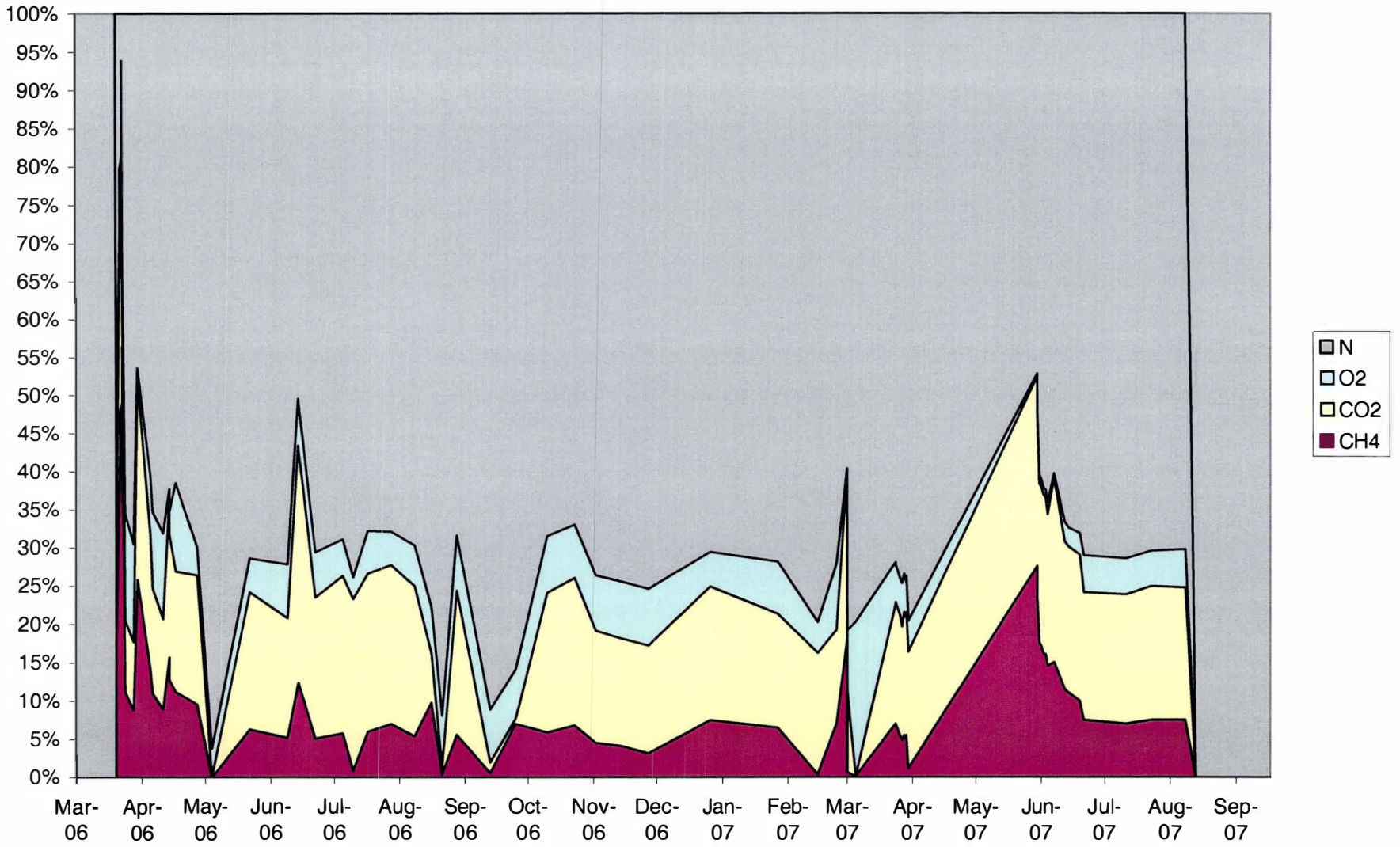

Chart 6: GV-12 Gas Concentrations

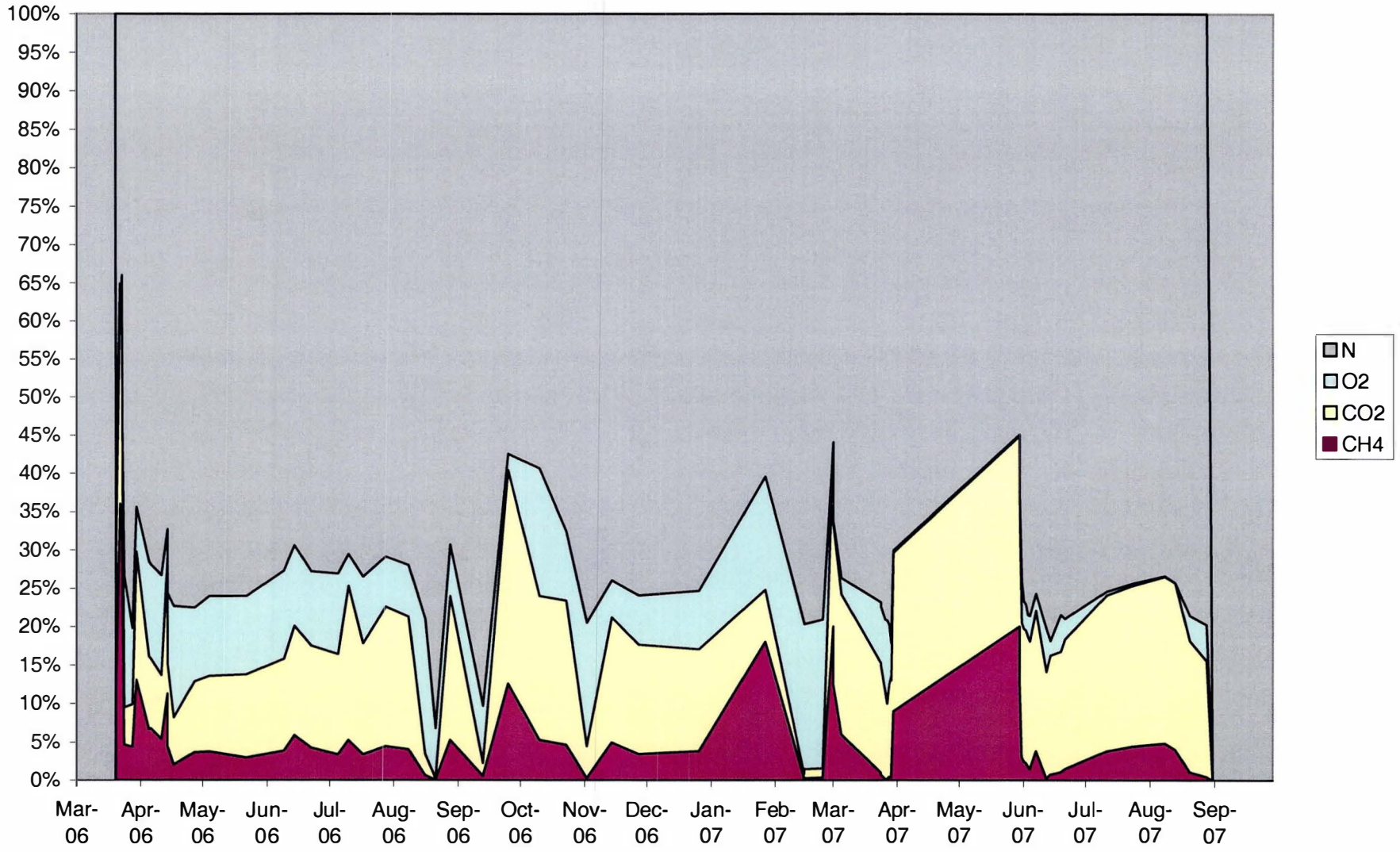

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Chart 7: LC-1 Gas Concentrations

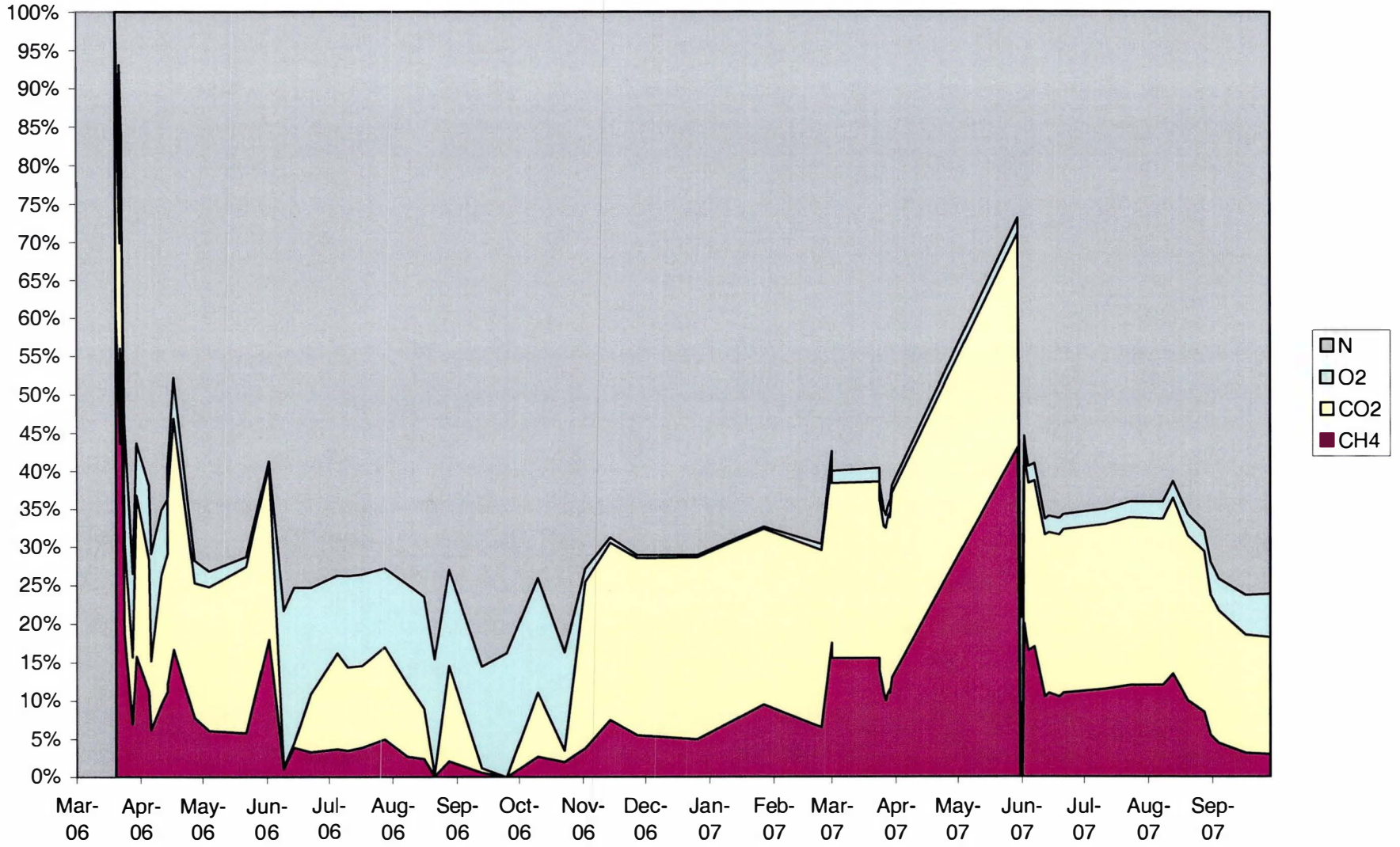

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Chart 8: LC-2 Gas Concentrations

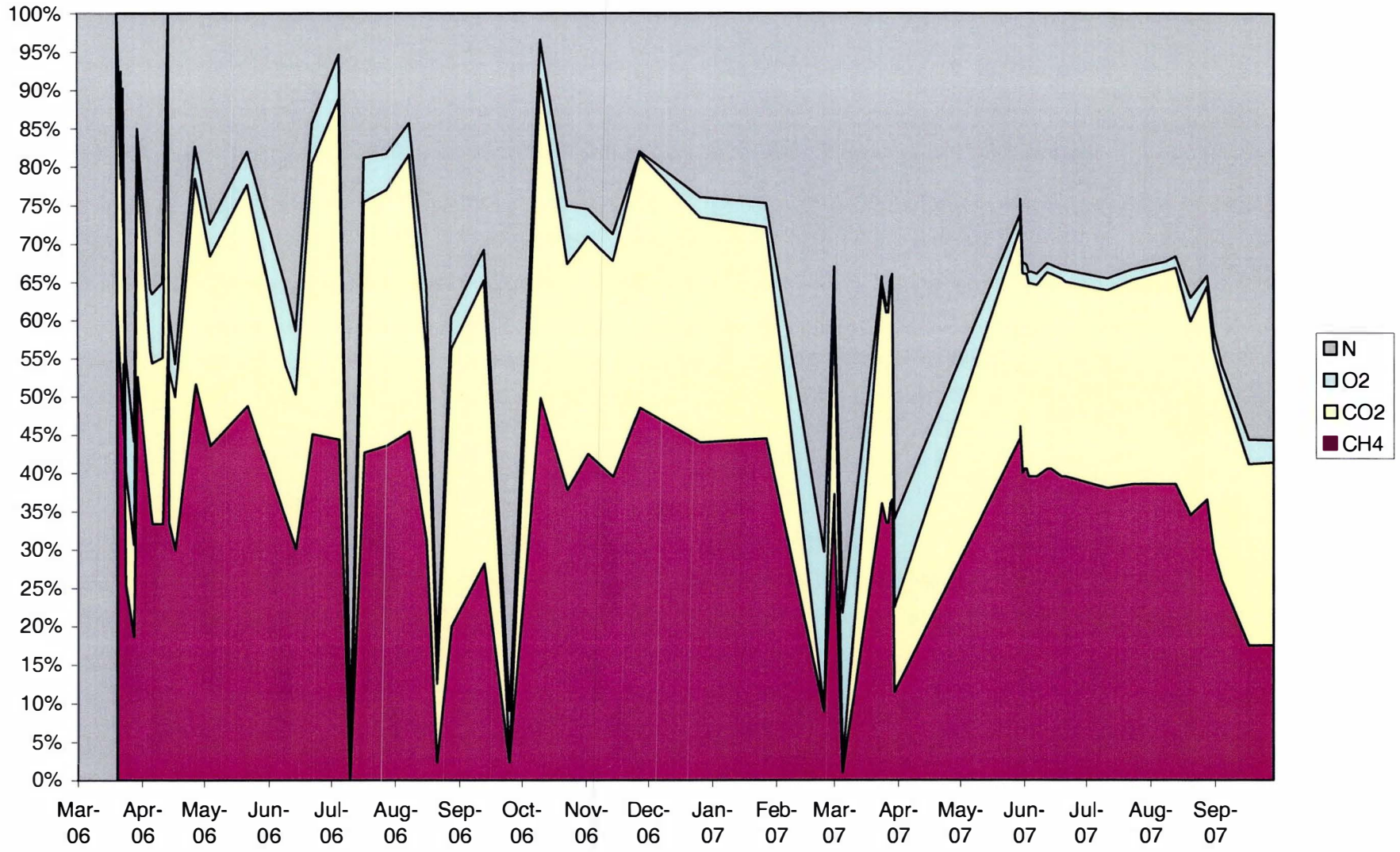

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Chart 9: LC-3 Gas Concentrations

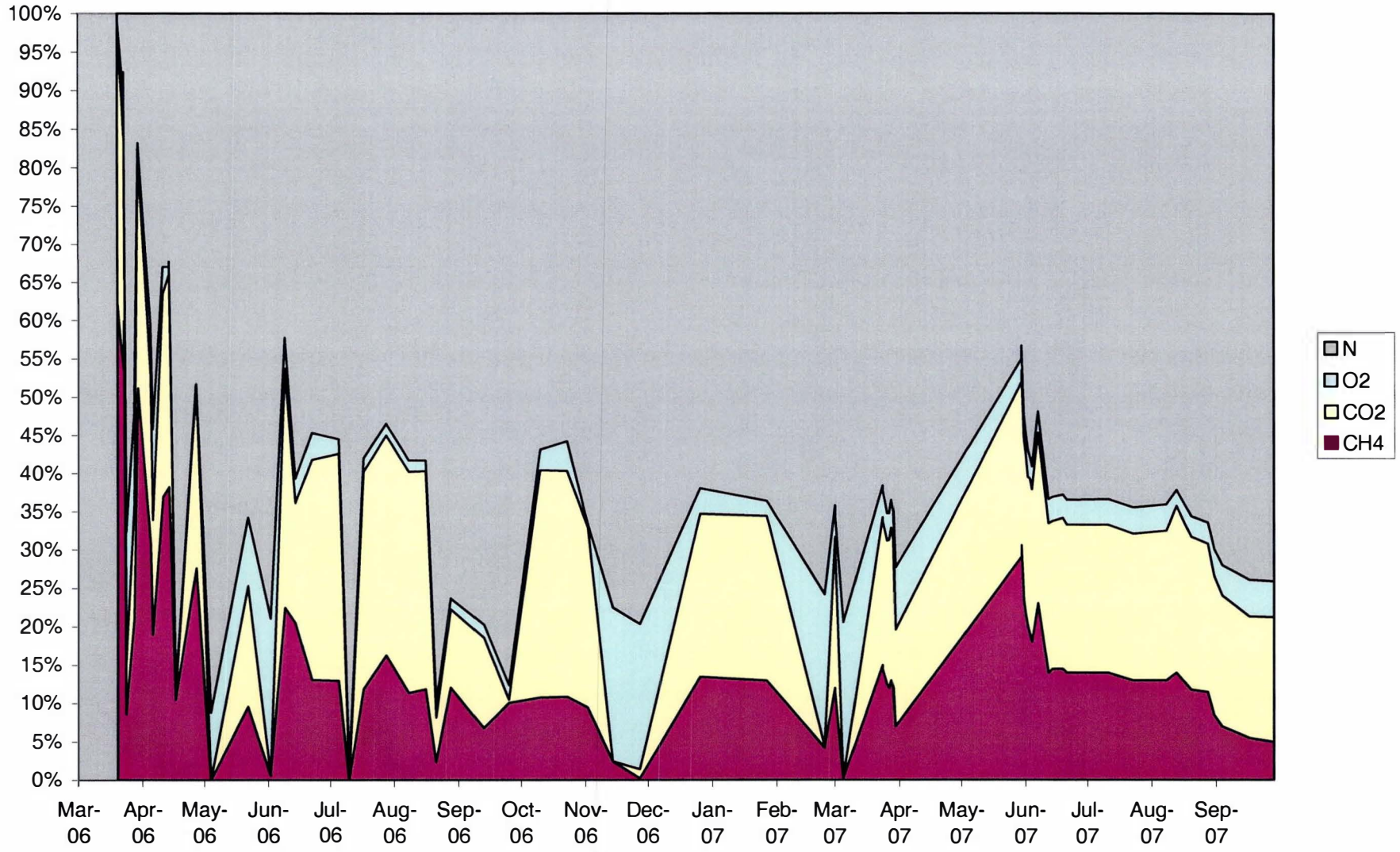

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Chart 10: GP-1 Gas Concentrations

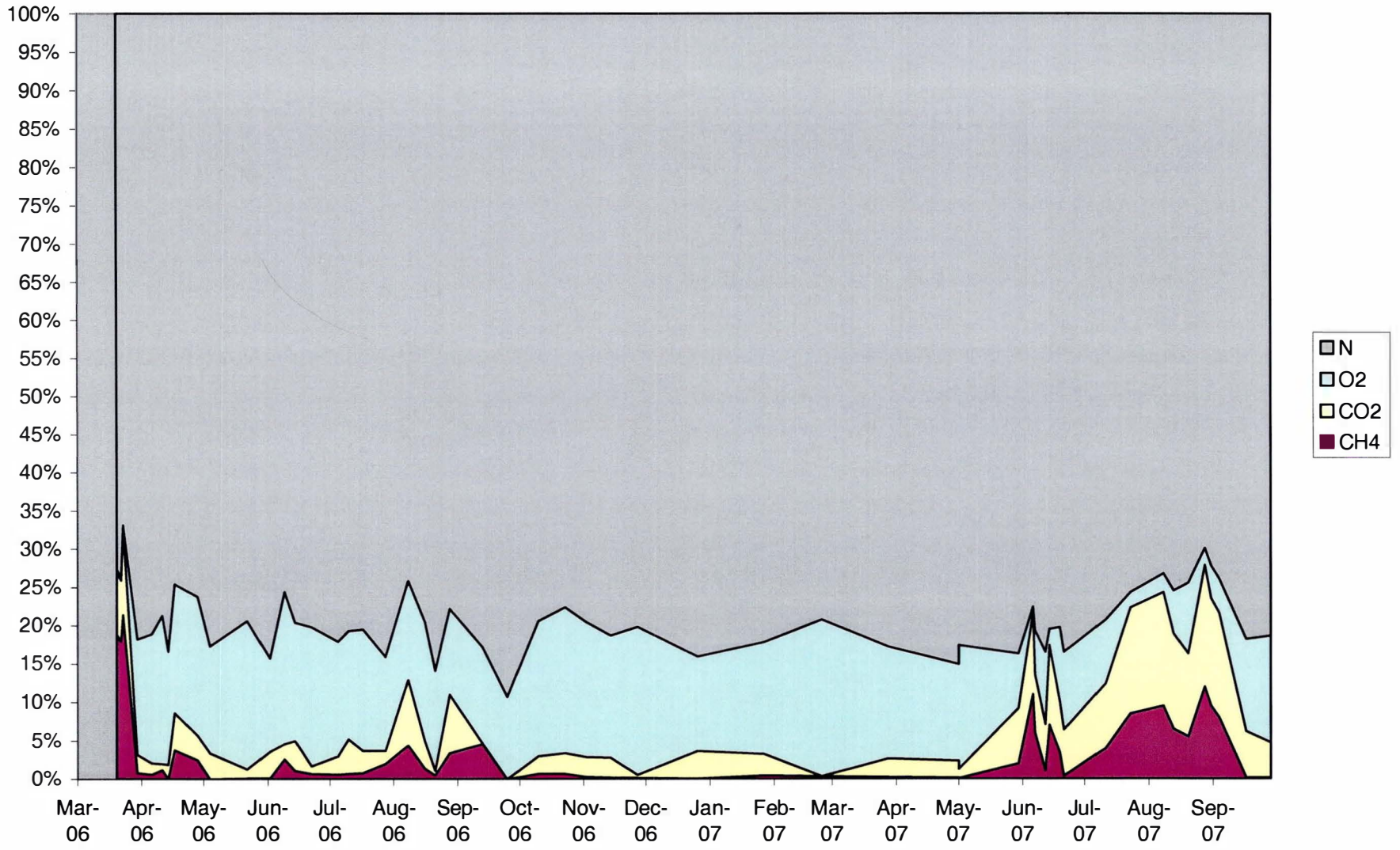

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Chart 11: GP-2 Gas Concentrations

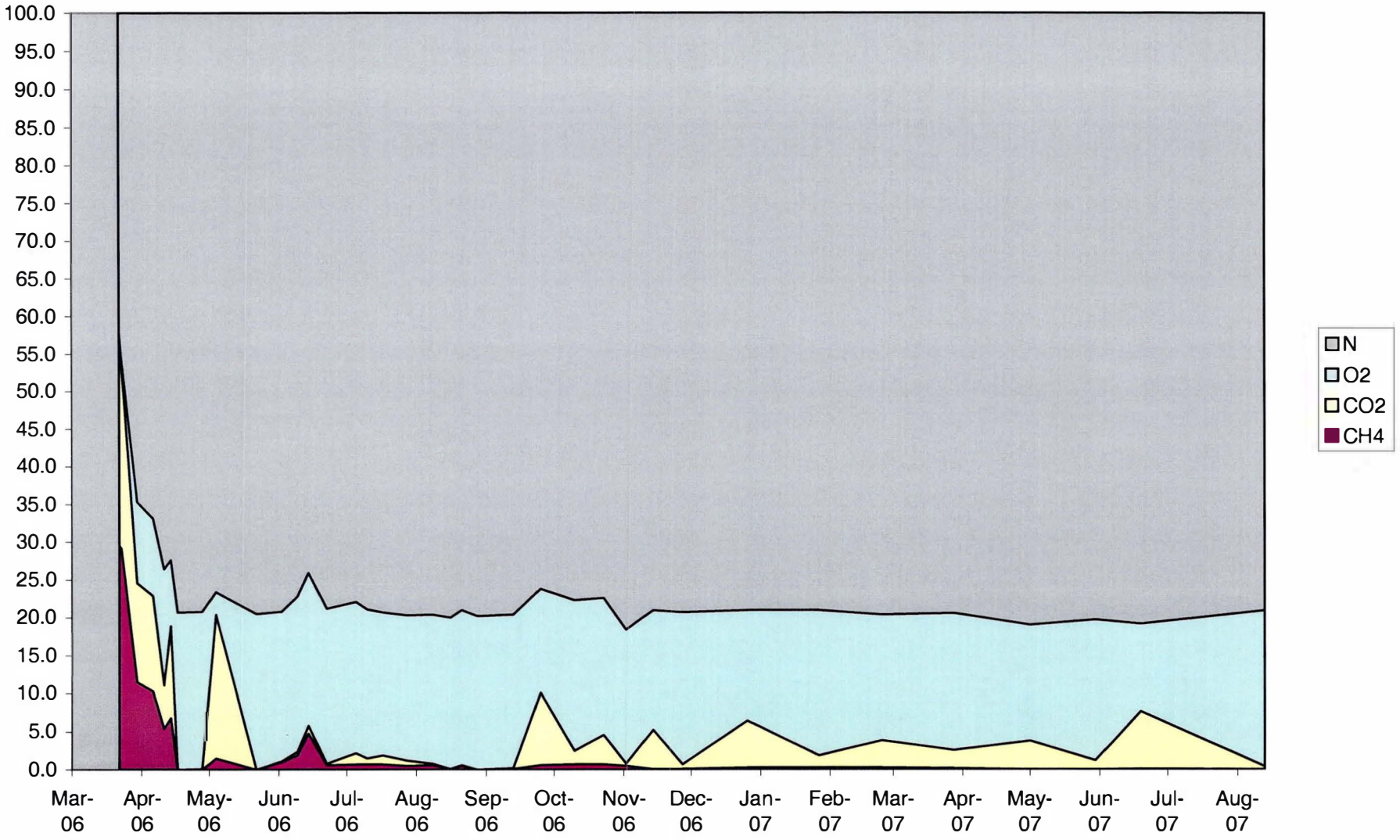

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Chart 12: GP-3 Gas Concentrations

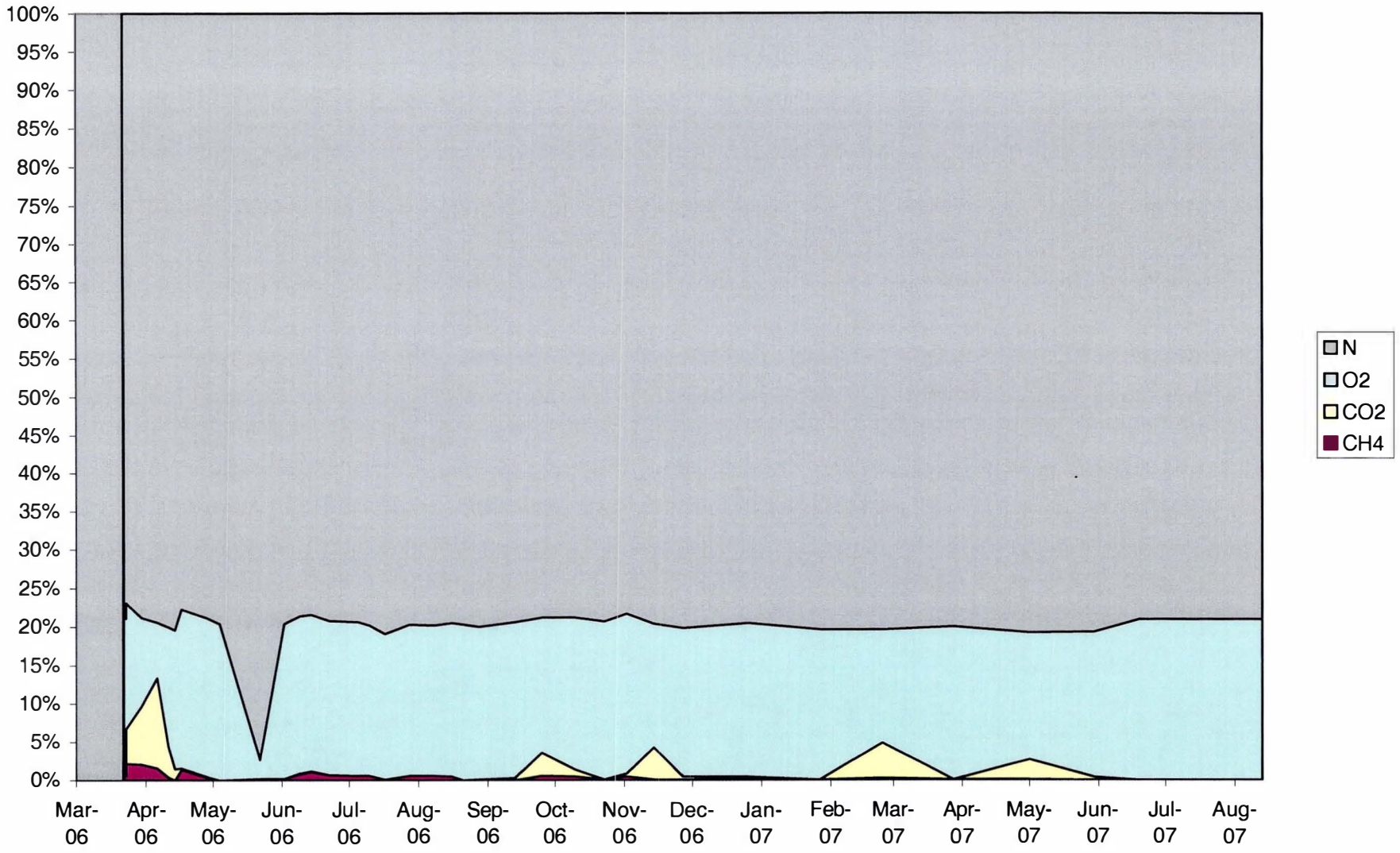

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Chart 13: GP-4 Gas Concentrations

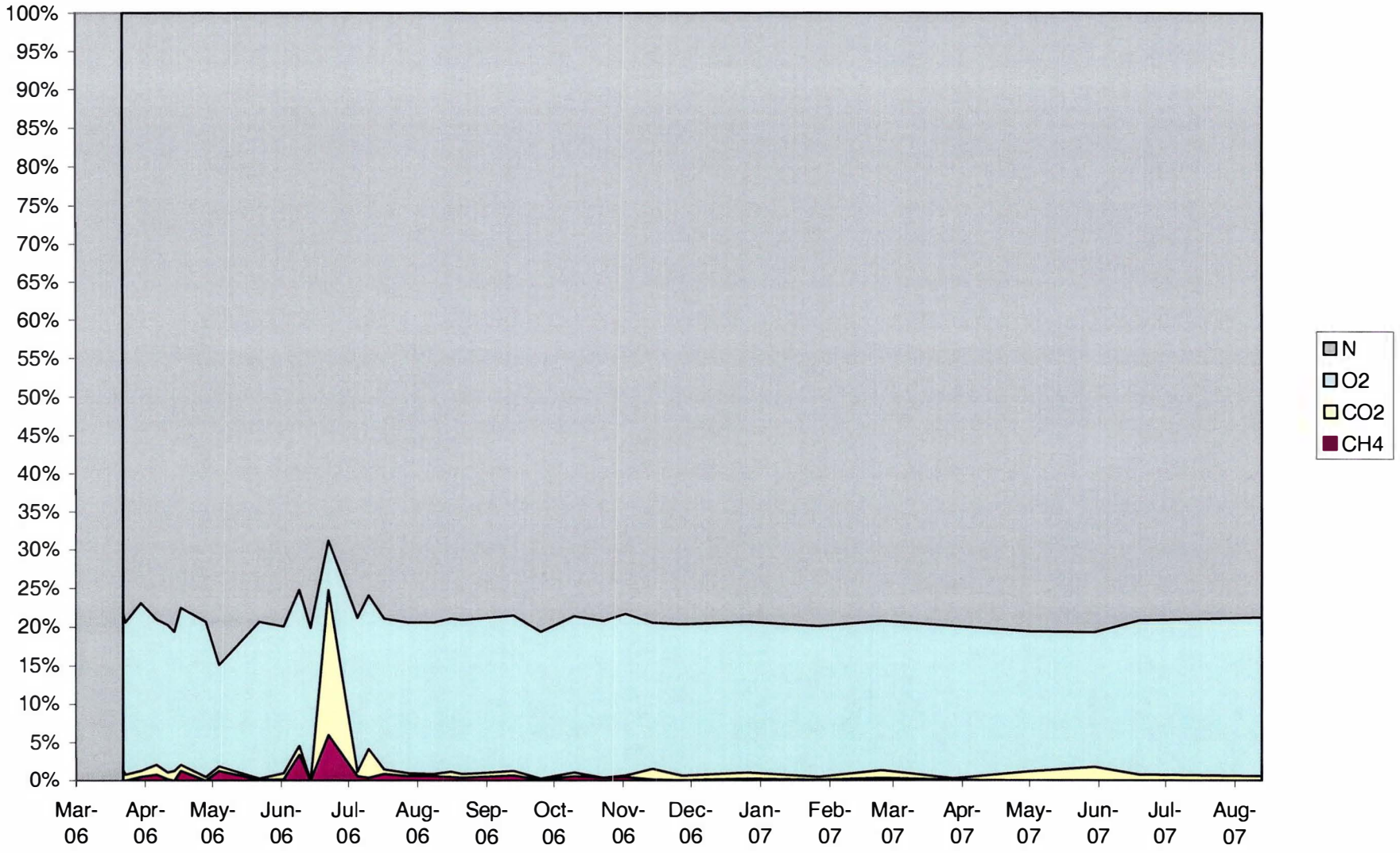

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Chart 14: GP-5 Gas Concentrations

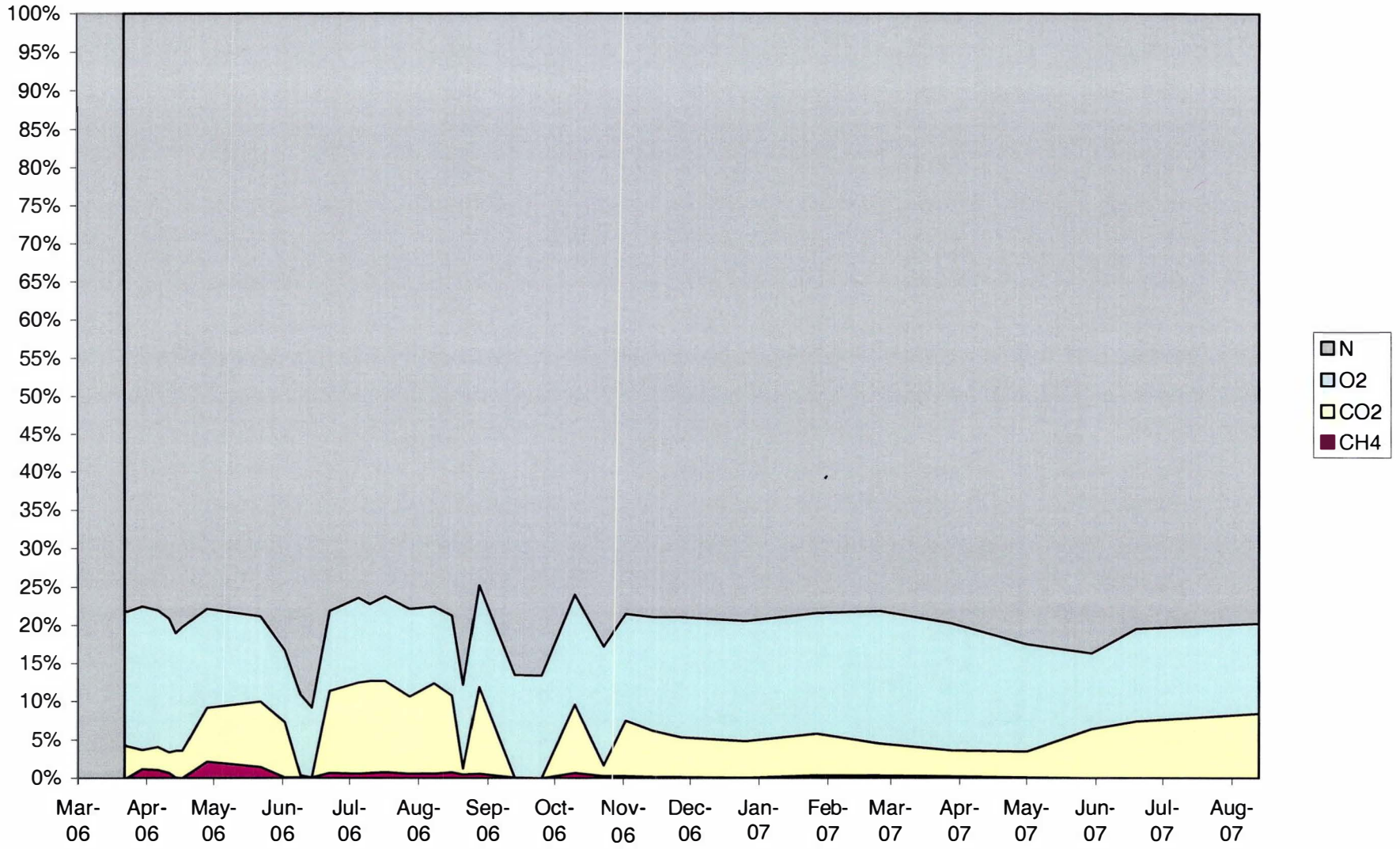

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Chart 15: GP-6 Gas Concentrations

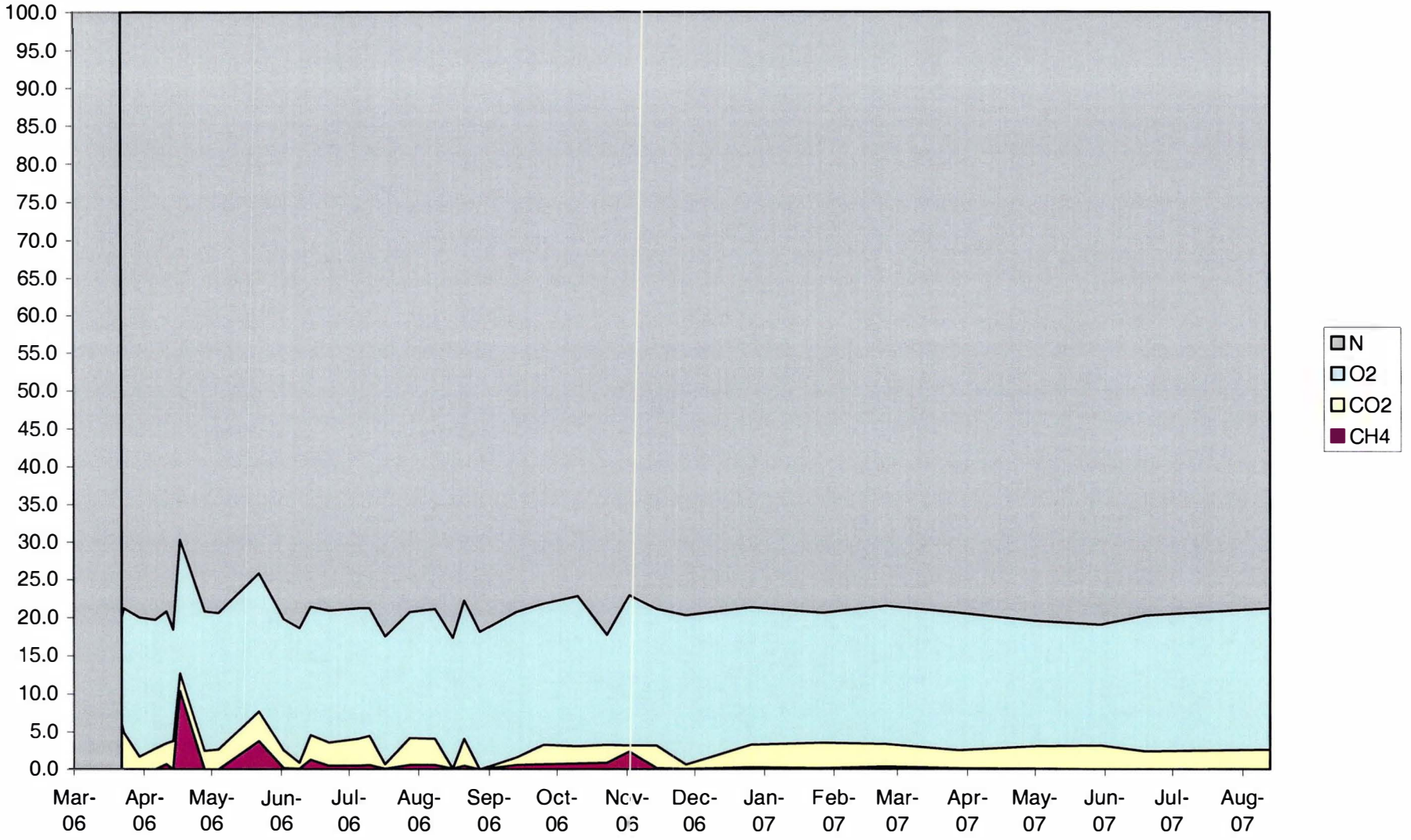

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Chart 16: GP-7 Gas Concentrations

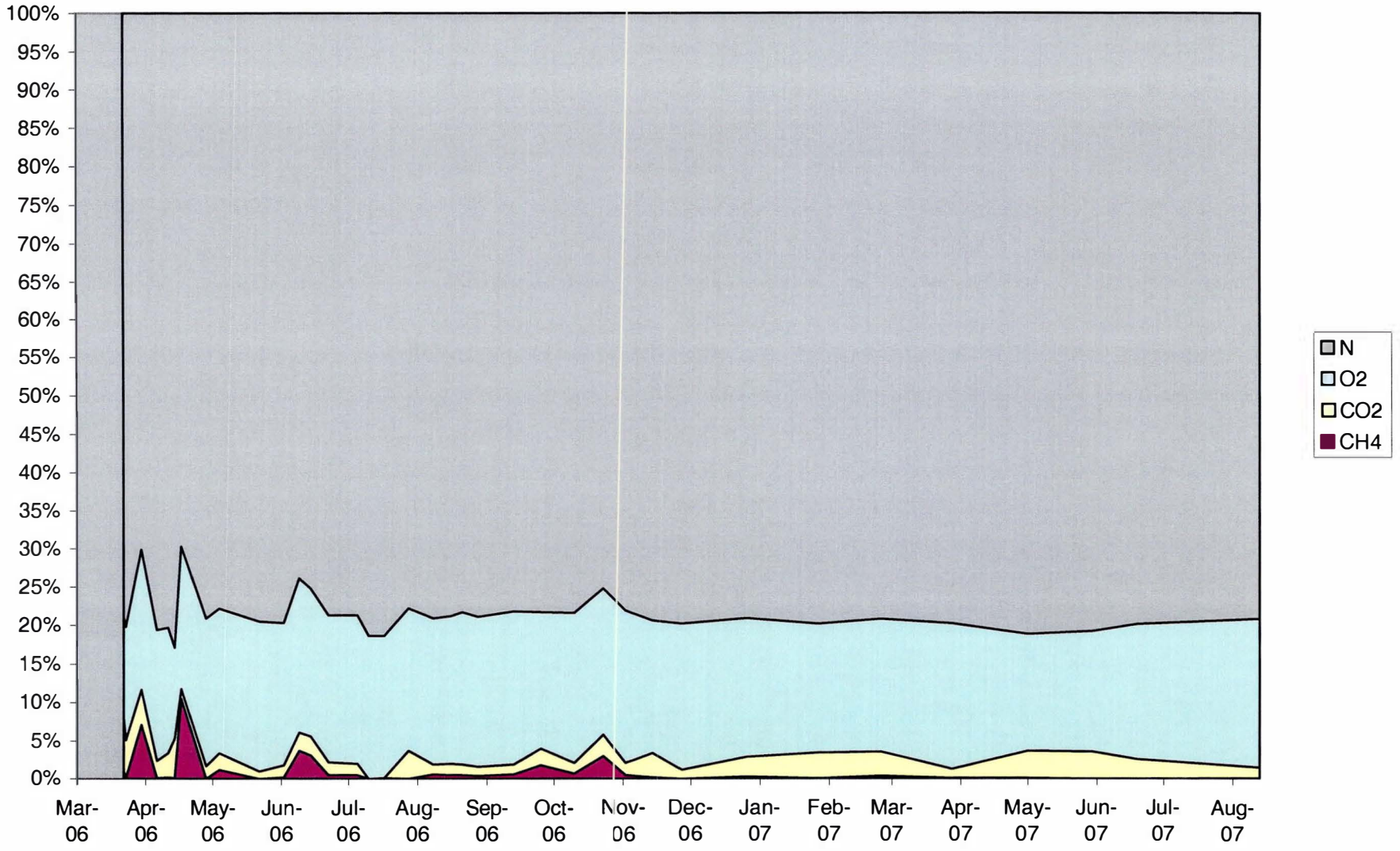

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Chart 17: GP-8 Gas Concentrations

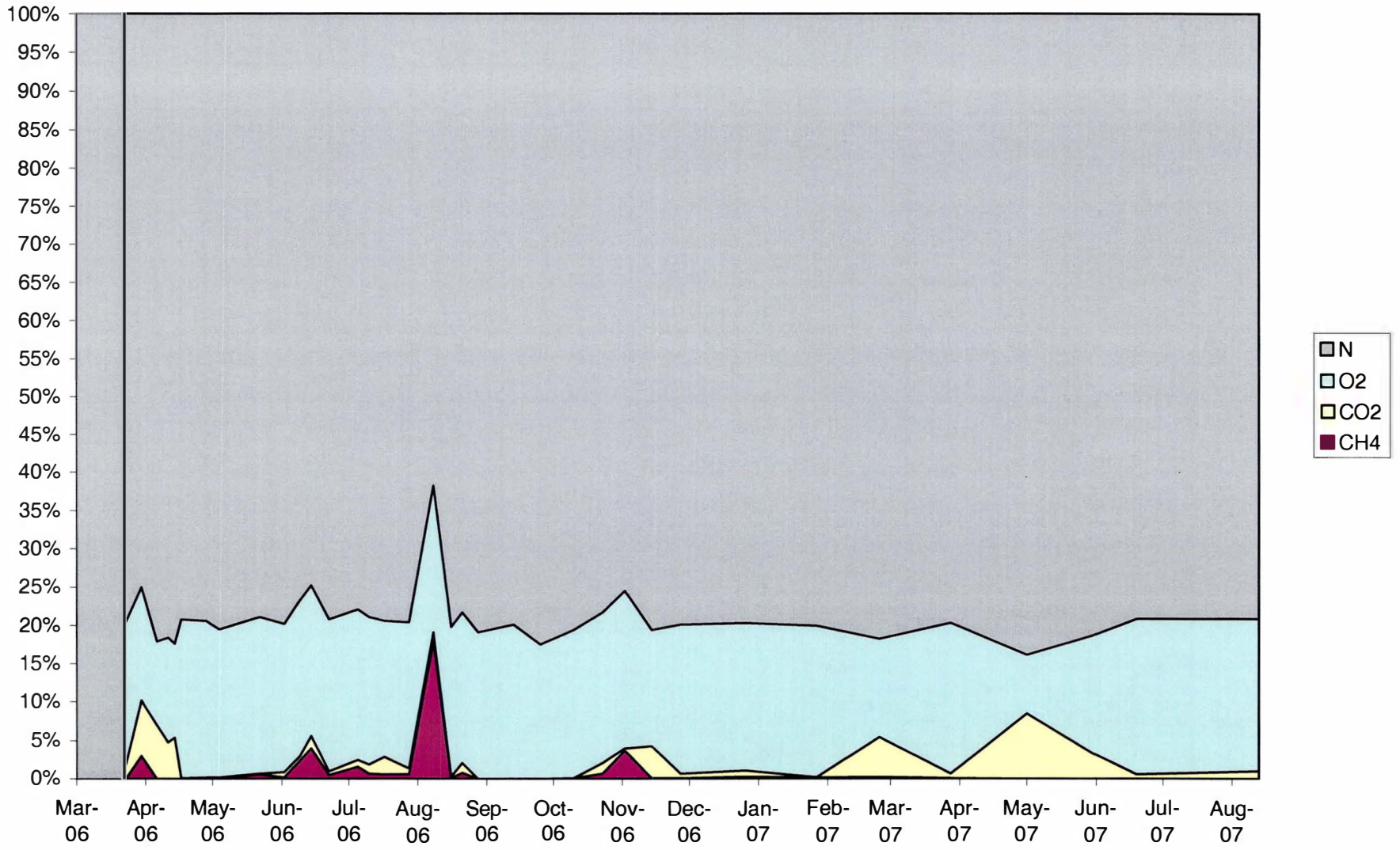

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Chart 18: GP-10 Gas Concentrations

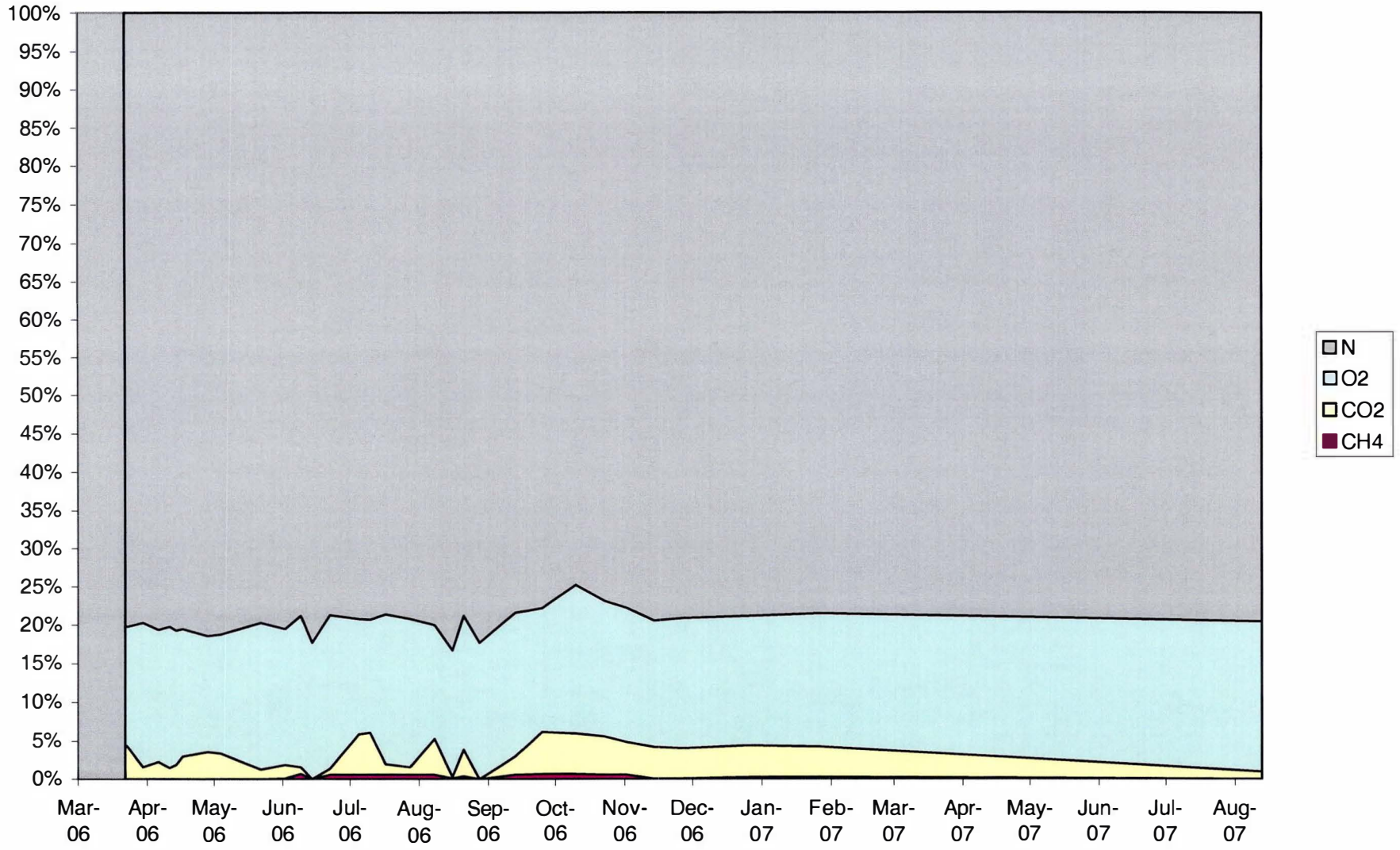

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Chart 19: GP-11 Gas Concentrations

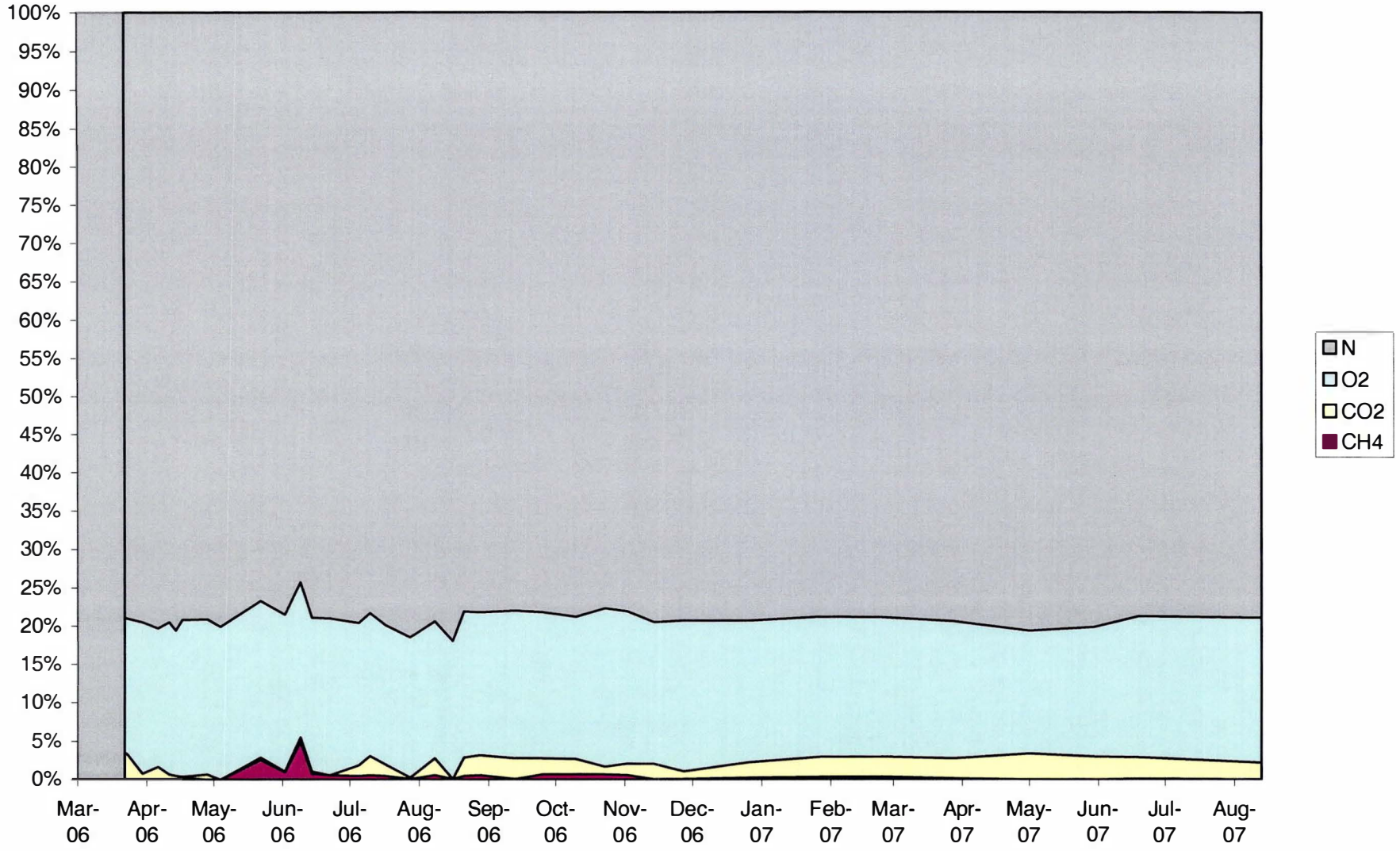

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Chart 20: GP-12 Gas Concentrations

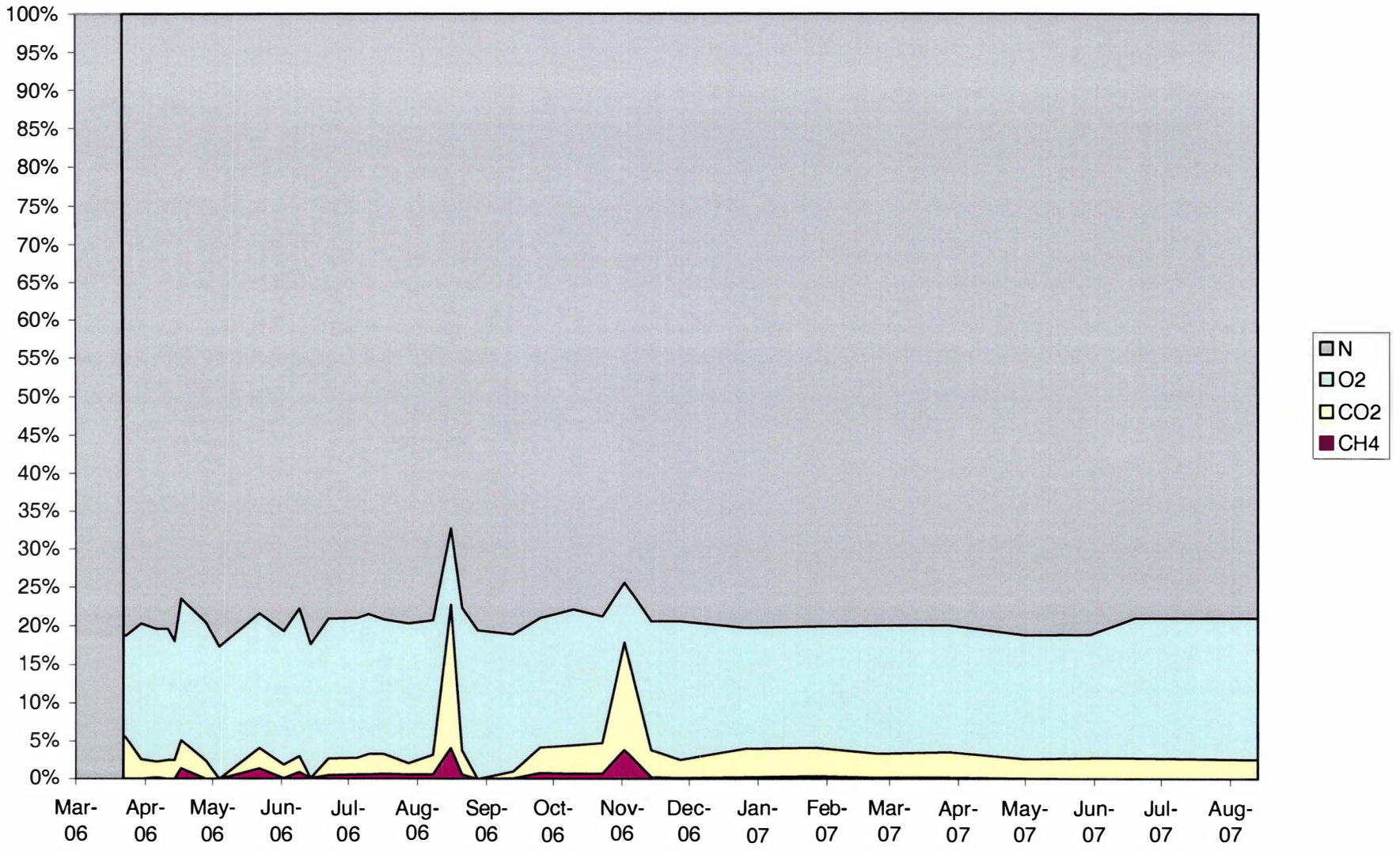

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Chart 21: MW-101 Gas Concentrations

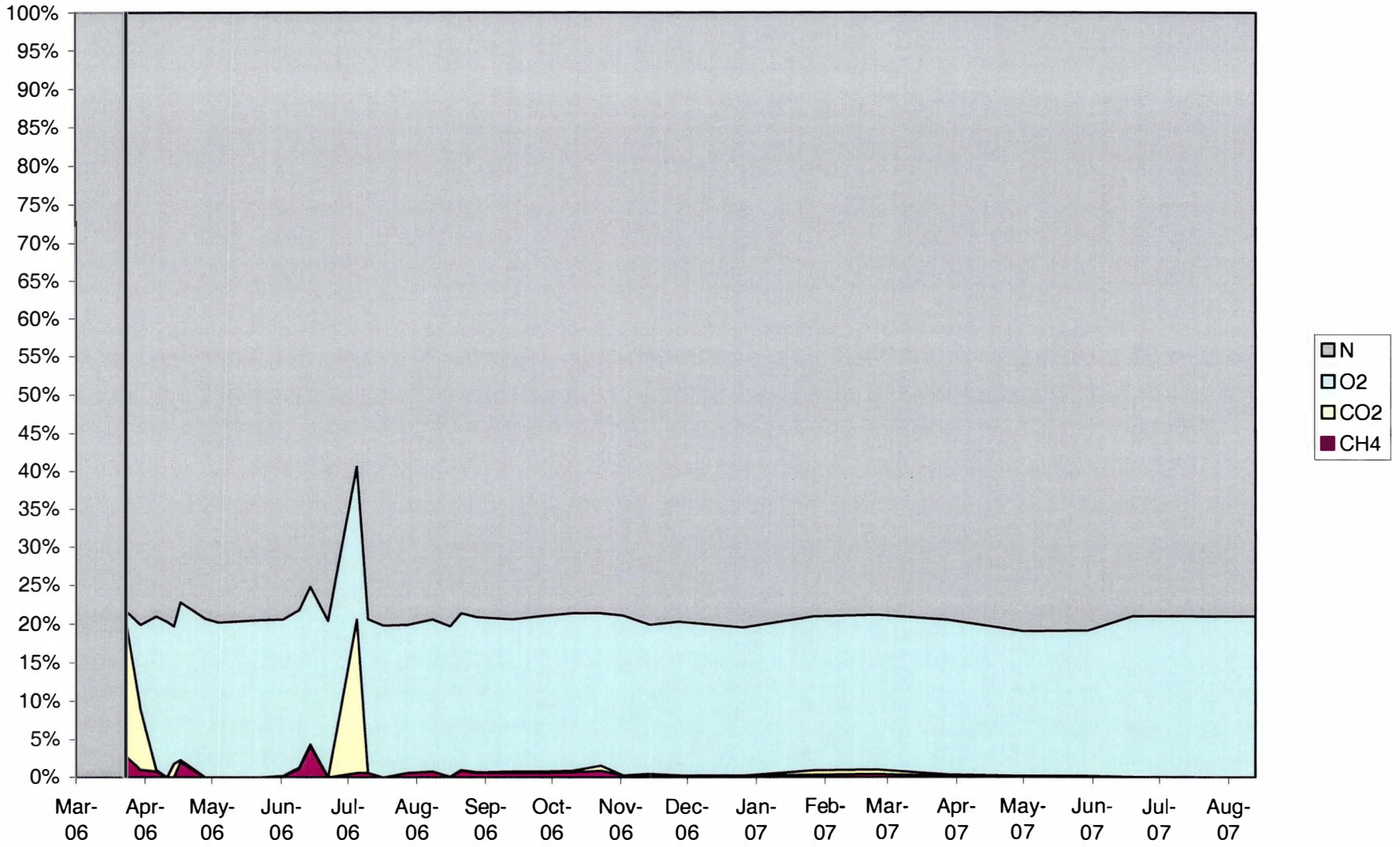

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Chart 22: MW-102 Gas Concentrations

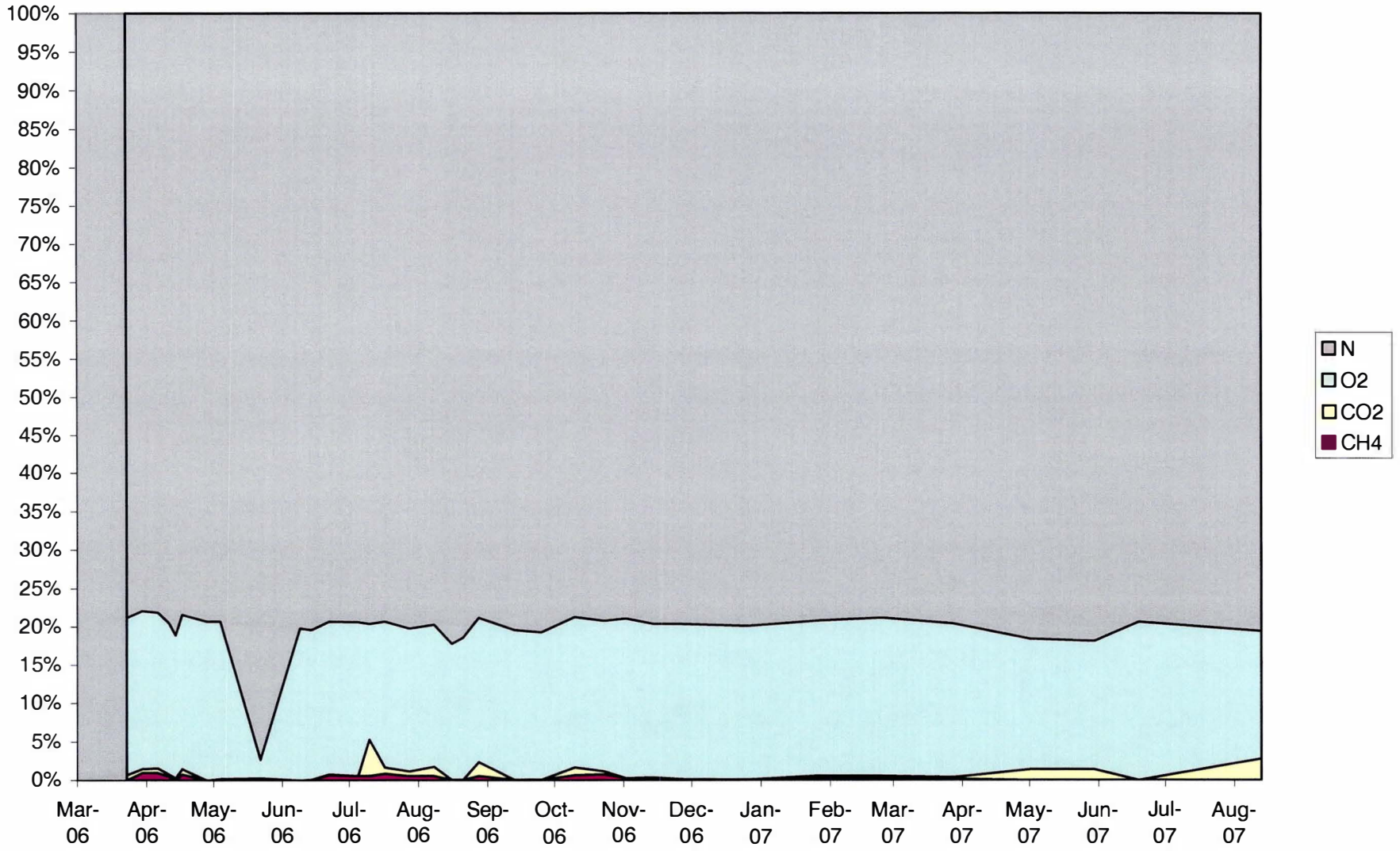

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Chart 23: MW-103 Gas Concentrations

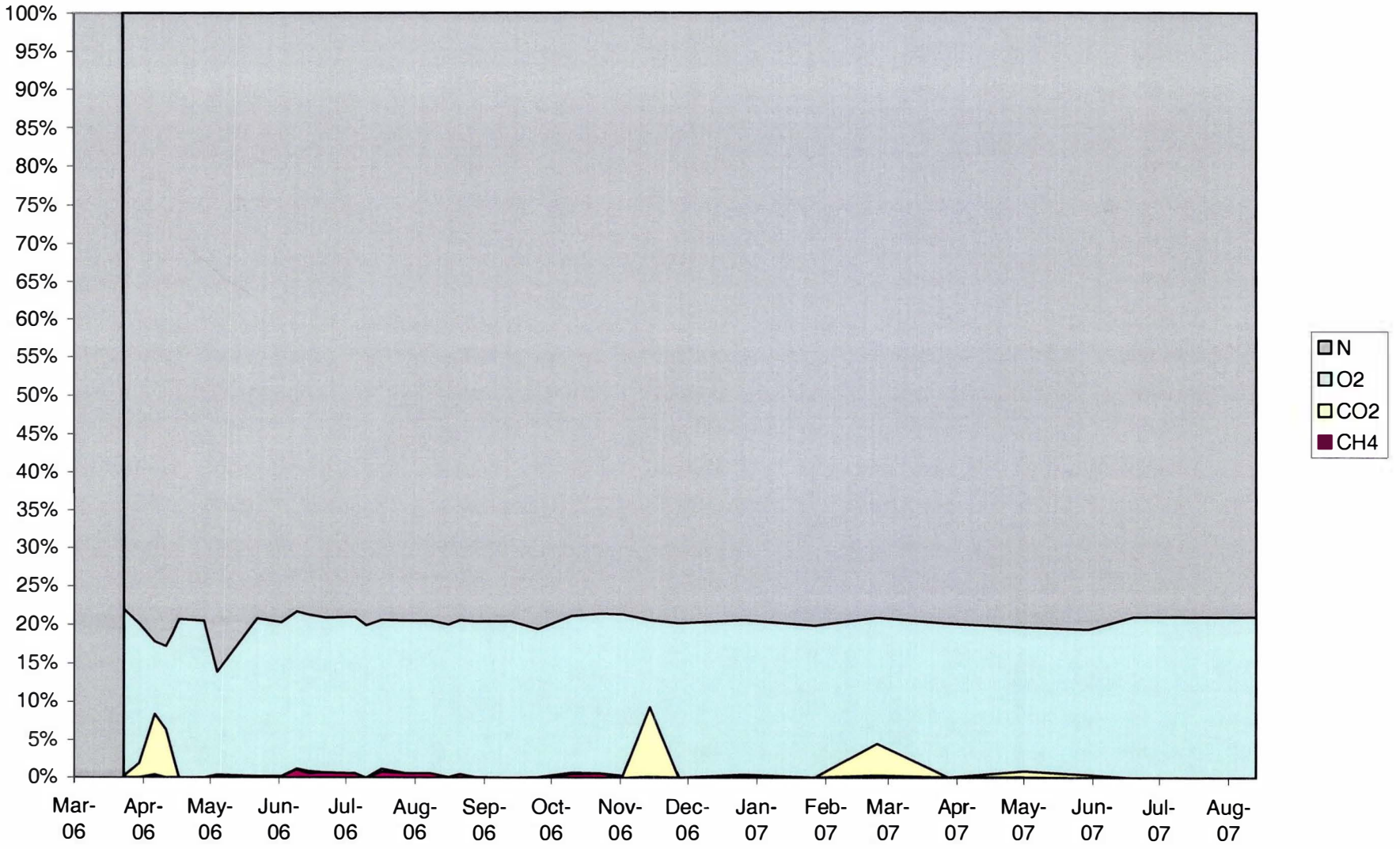

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Chart 24: MW-104 Gas Concentrations

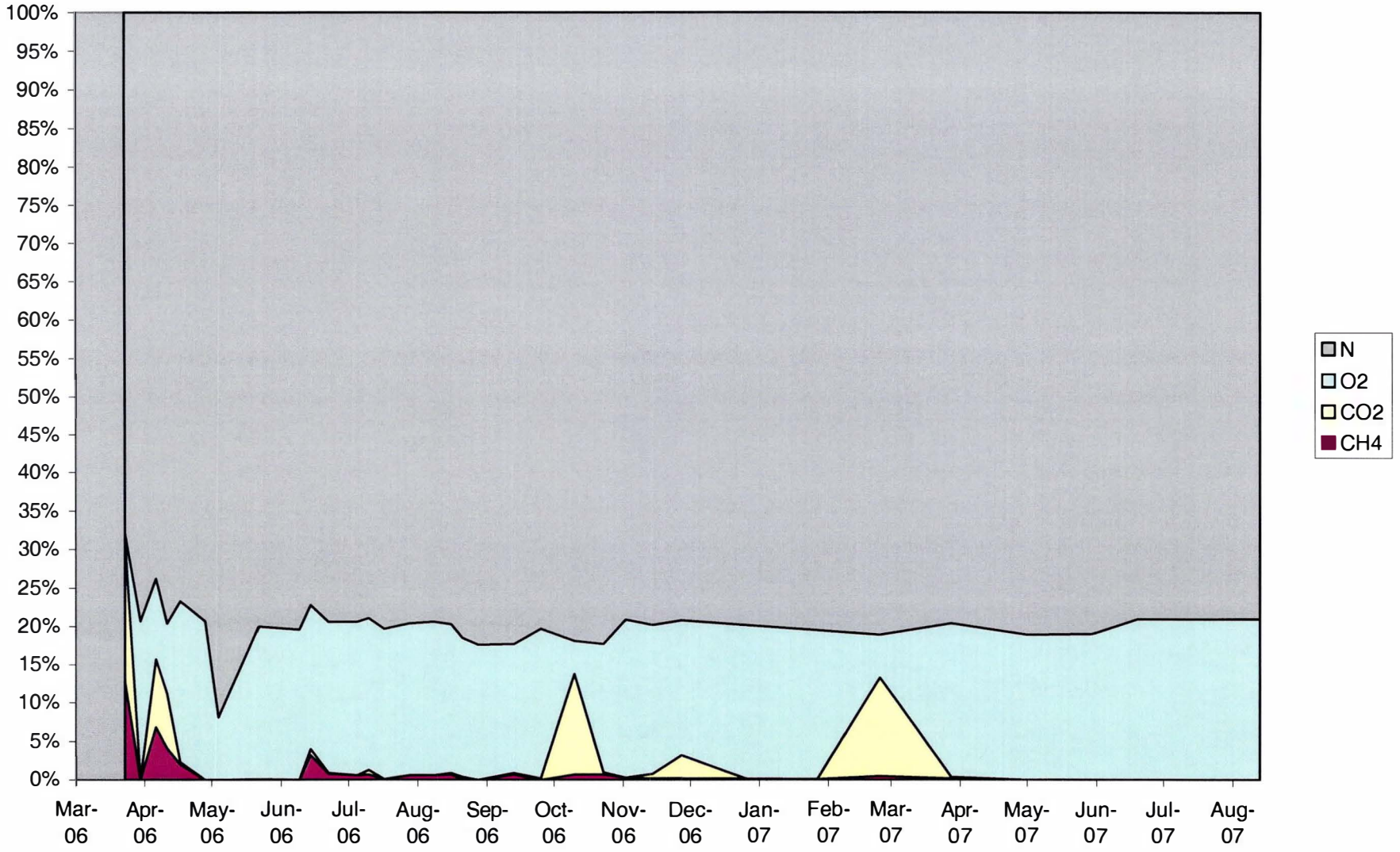

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Chart 25: Barometric Pressure
Ripon Weather Station

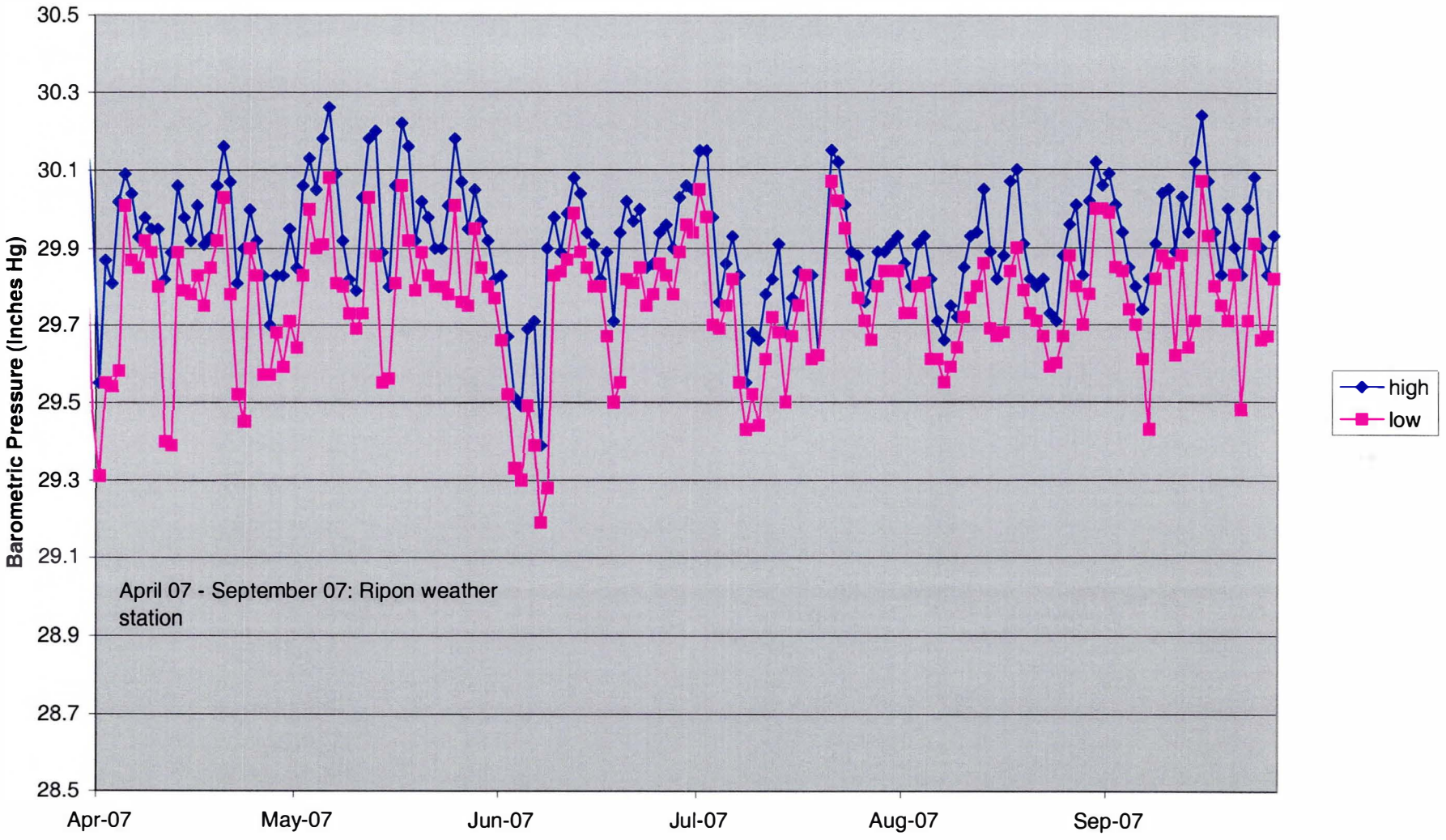

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Chart 26: Gas Extraction System Operation

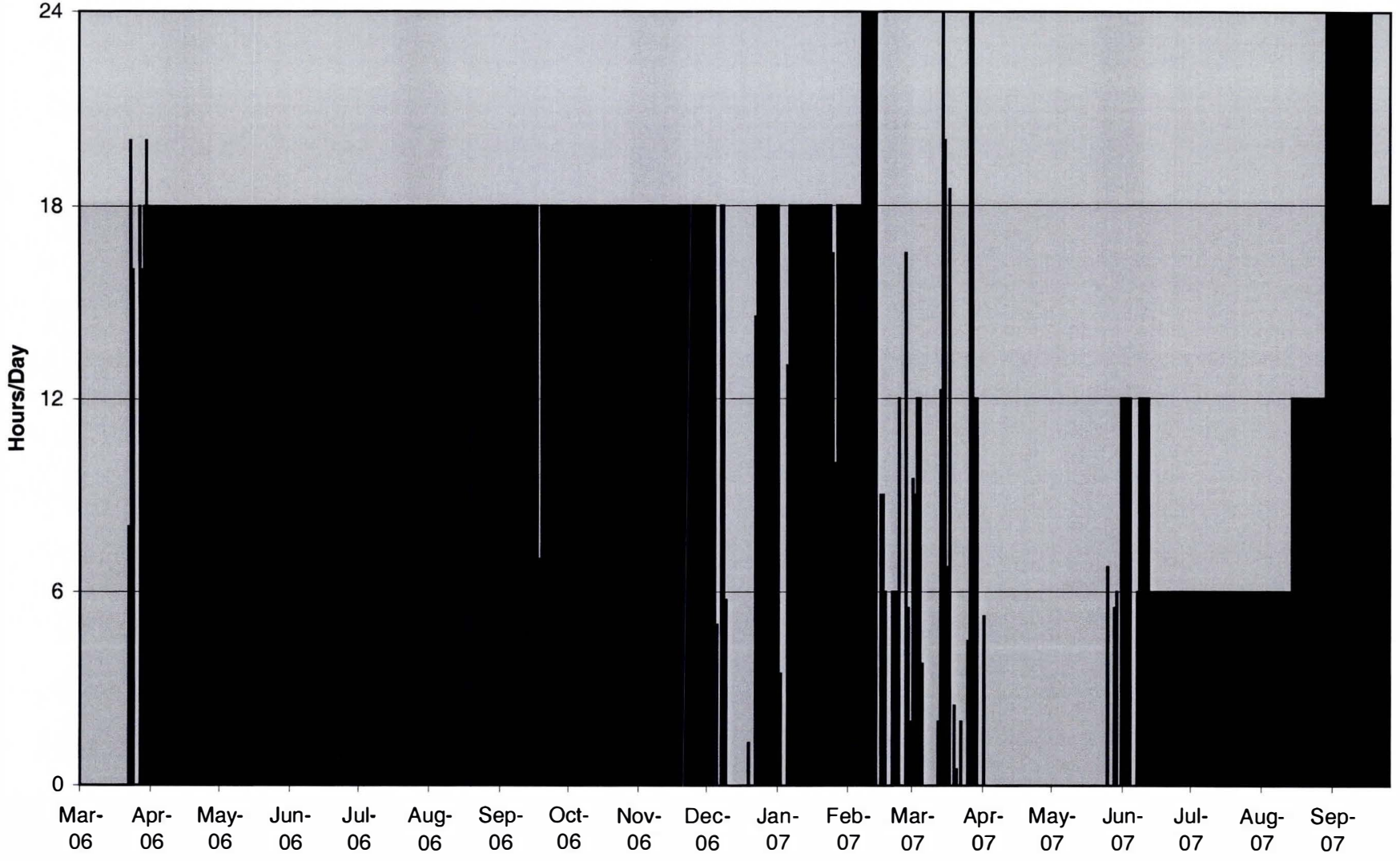

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Chart 27: MW-101
Layer 1 Well

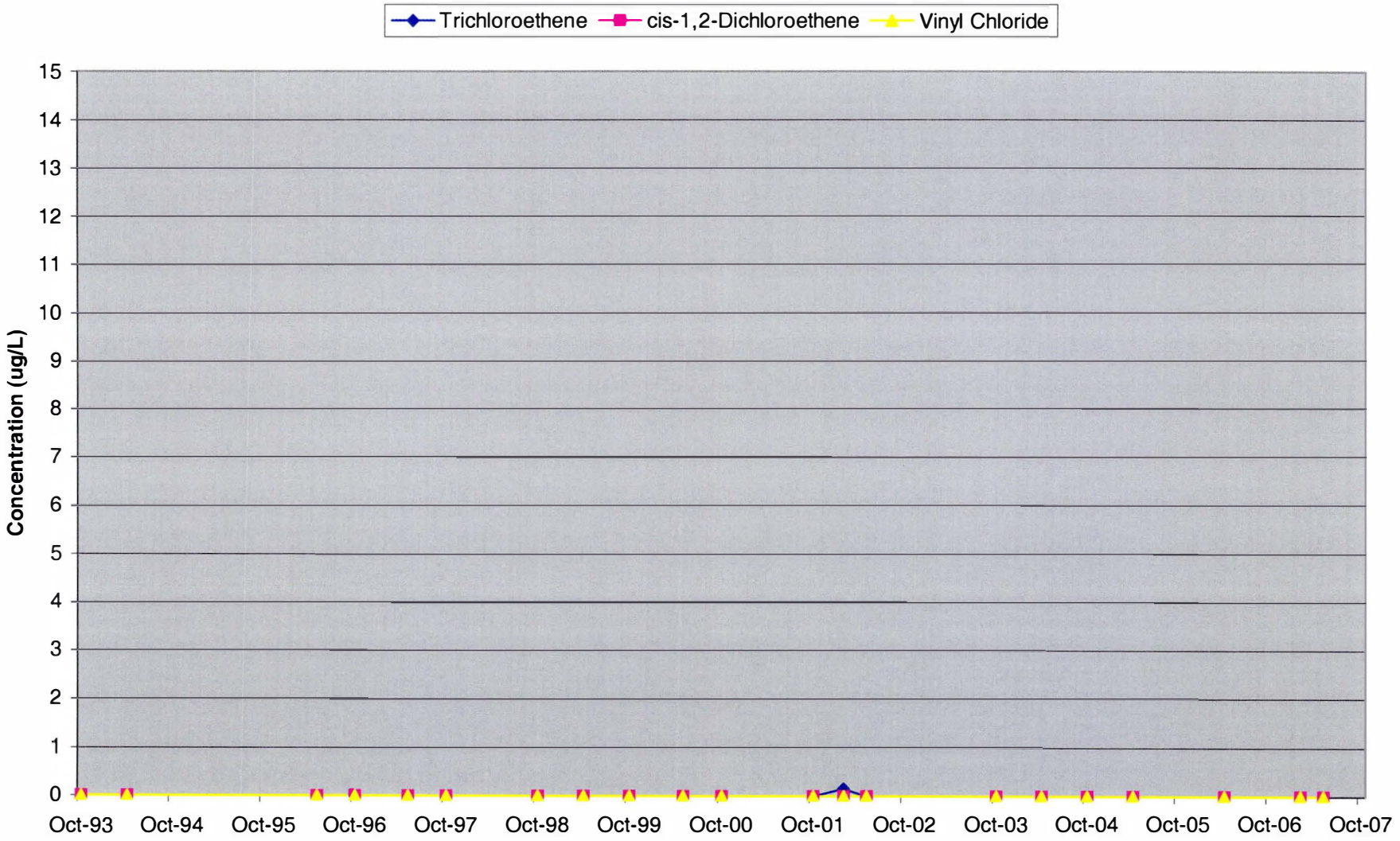

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Chart 28: MW-102
Layer 1 Well

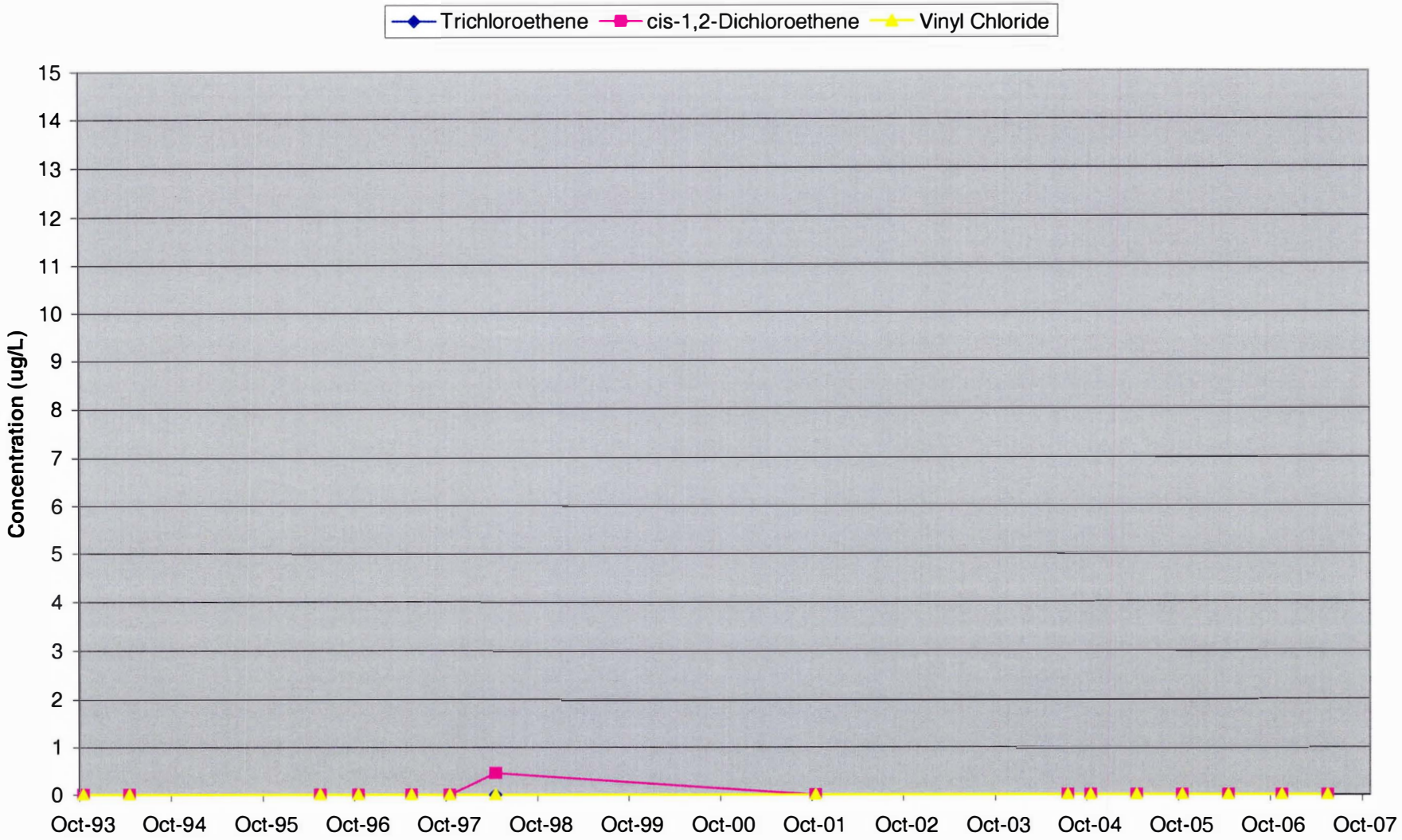

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Chart 29: MW-103
Layer 1 Well

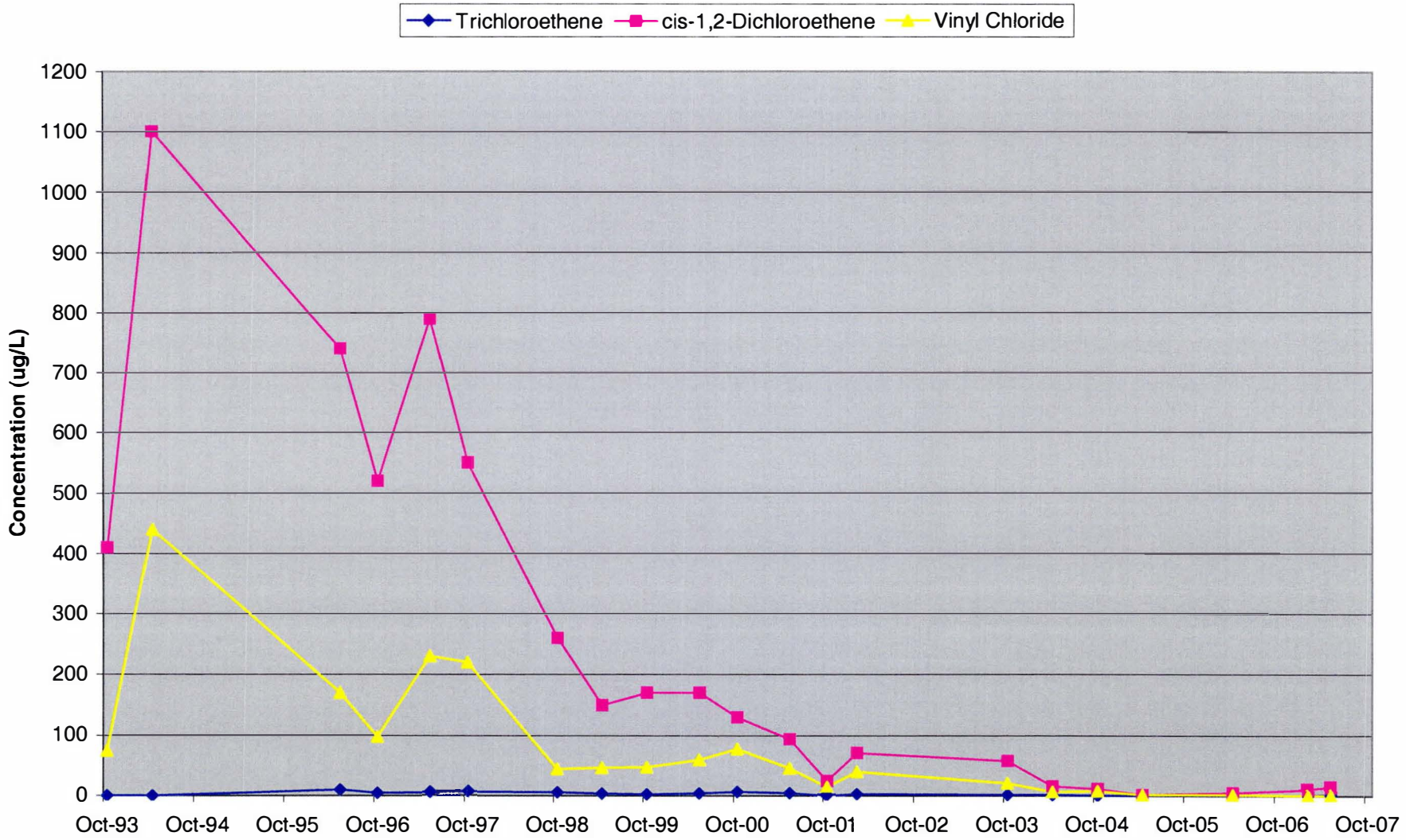

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Chart 30: MW-104
Layer 1 Well

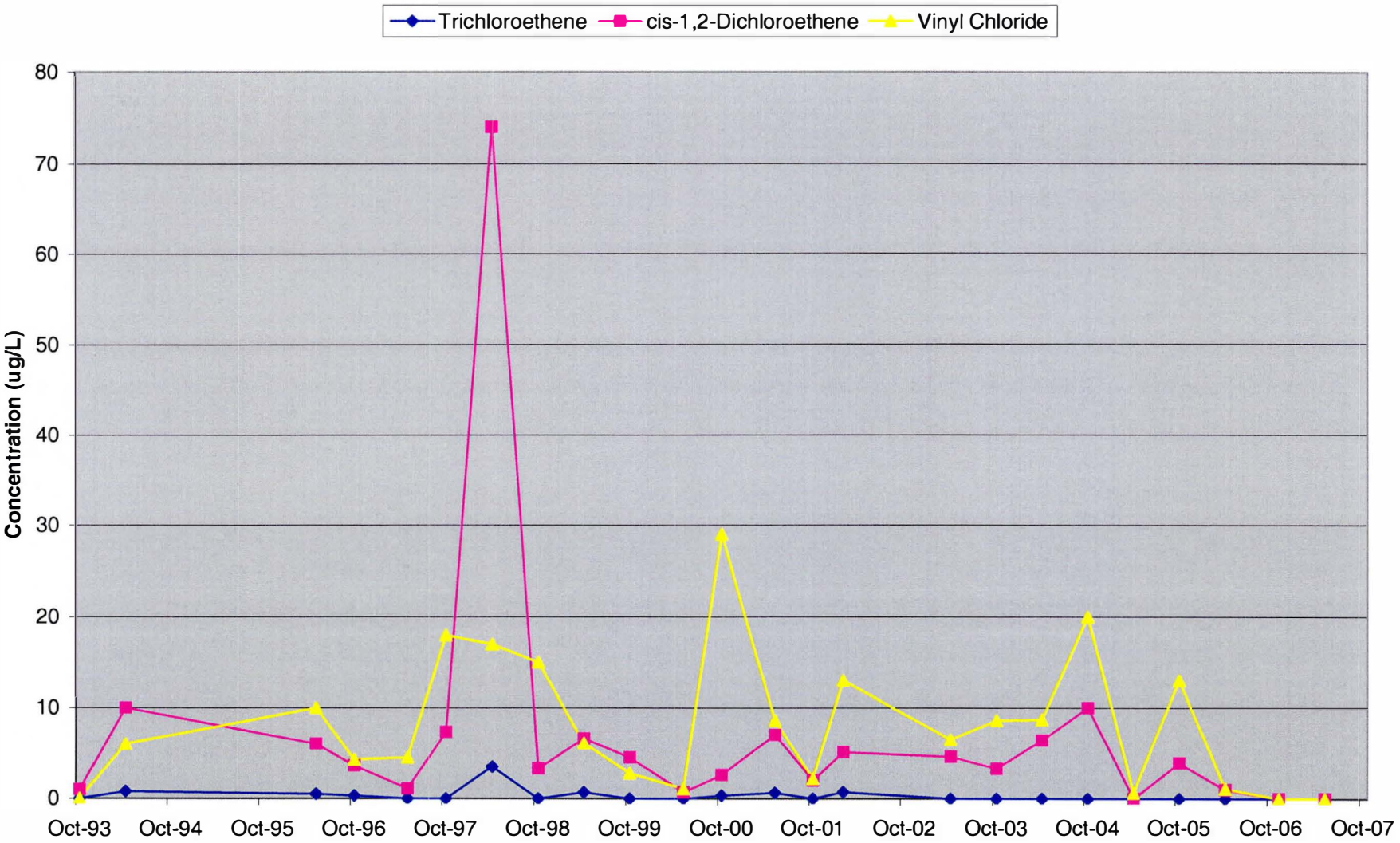

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Chart 31: MW-106
Layer 1 Well

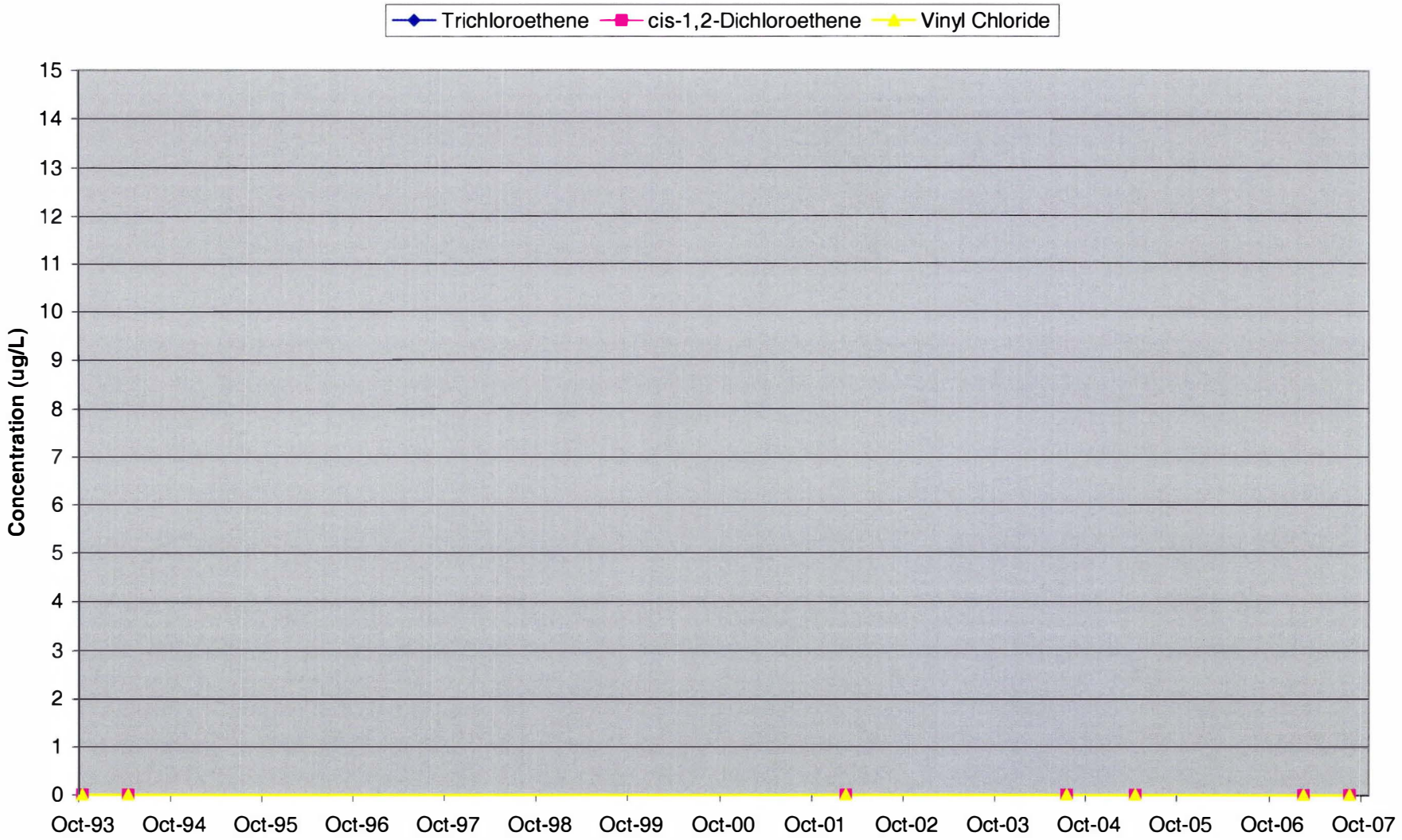

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Chart 32: MW-107
Layer 1 Well

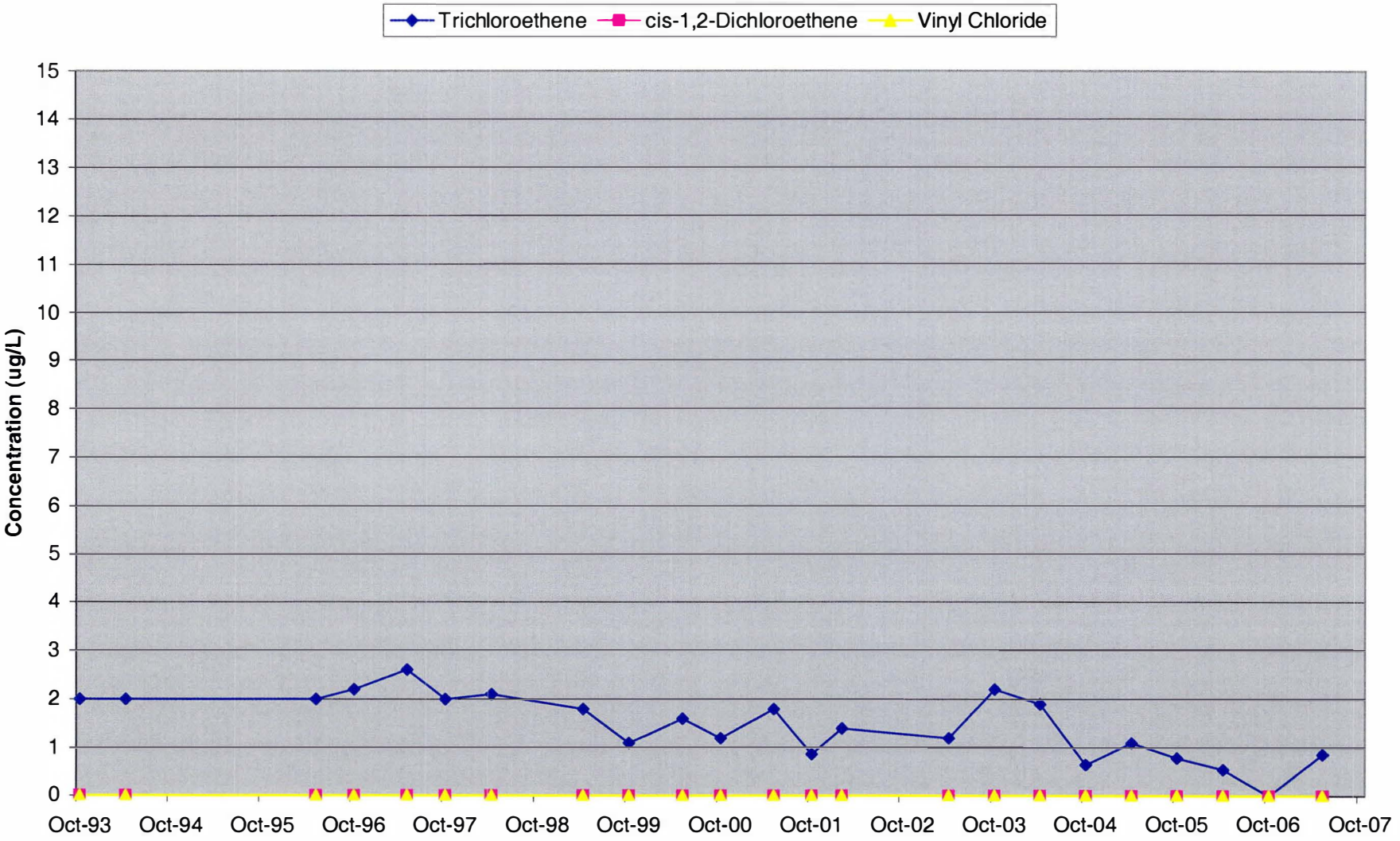

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Chart 33: MW-108
Layer 1 Well

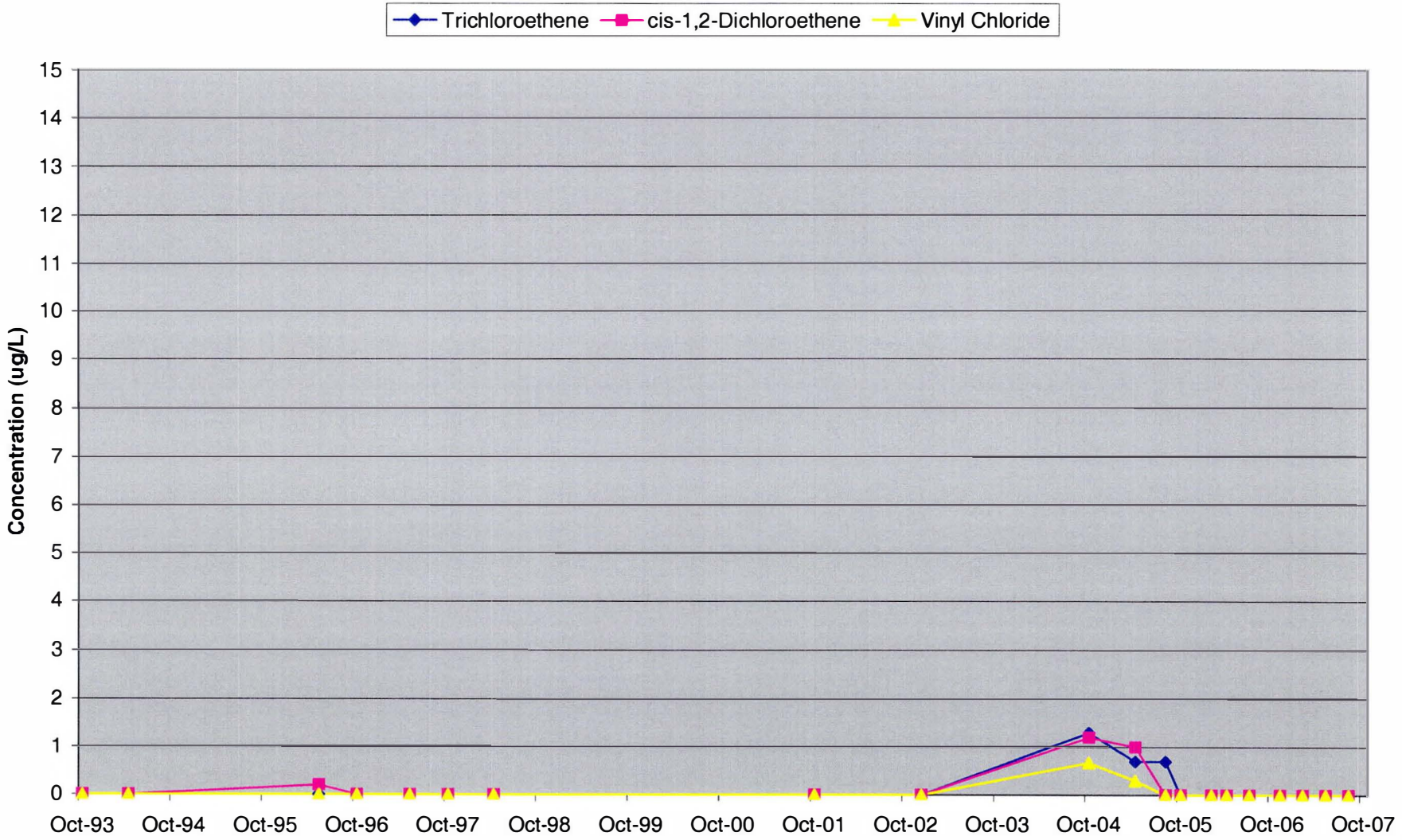

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Chart 34: MW-111
Layer 1 Well

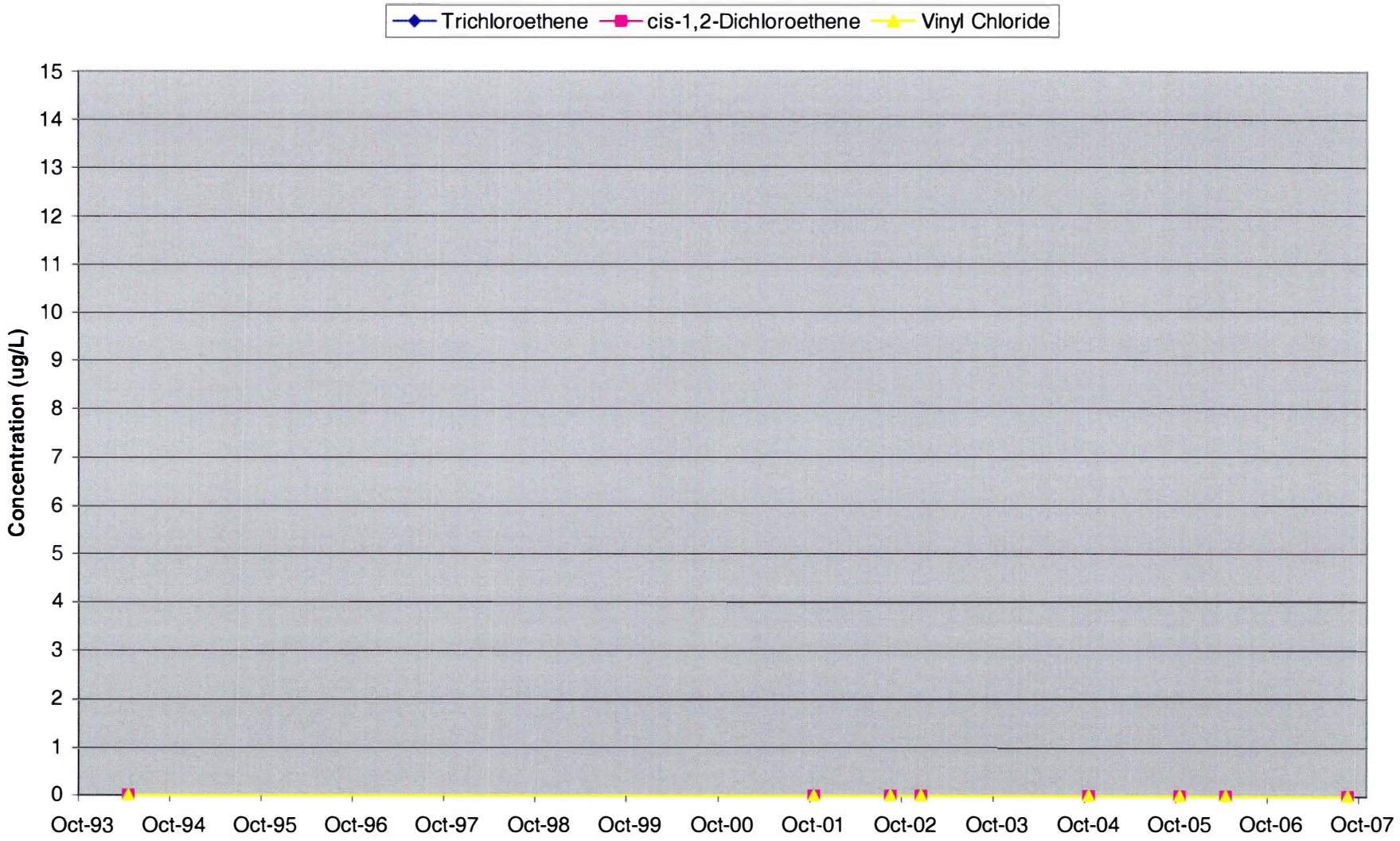

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Chart 35: MW-112
Layer 1 Well

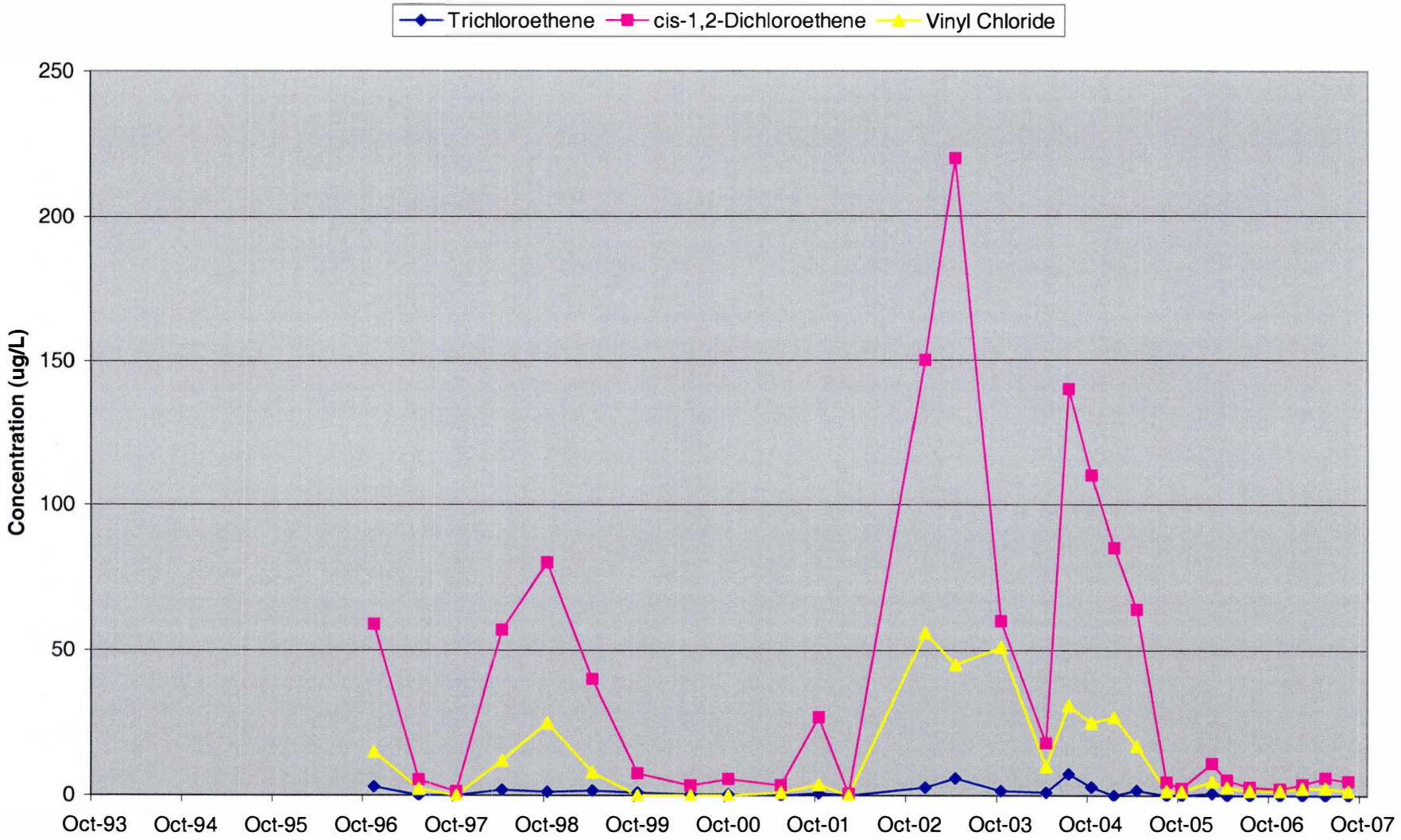

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Chart 36: P-101
Layer 2 Well

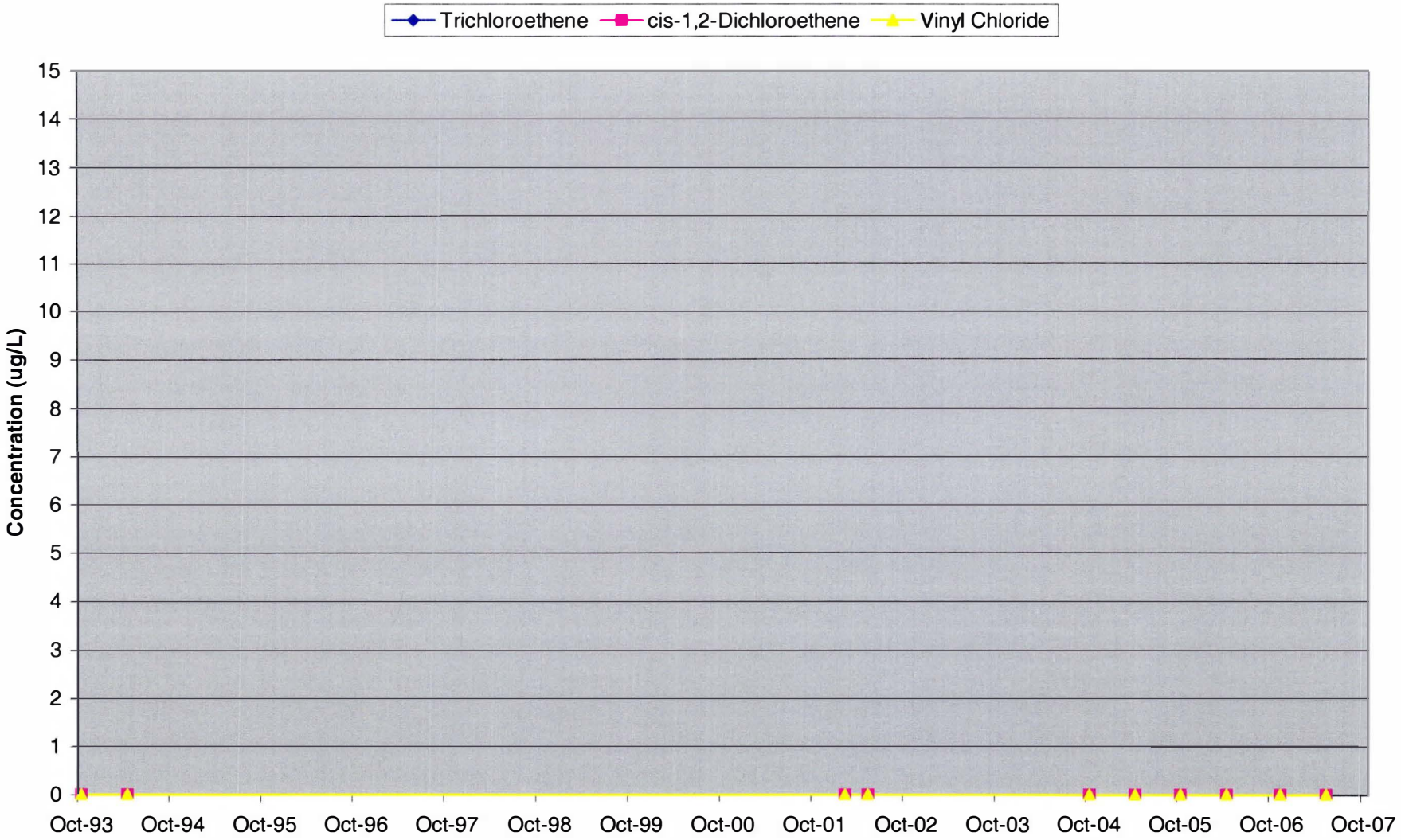

Chart 37: P-102
Layer 2 Well

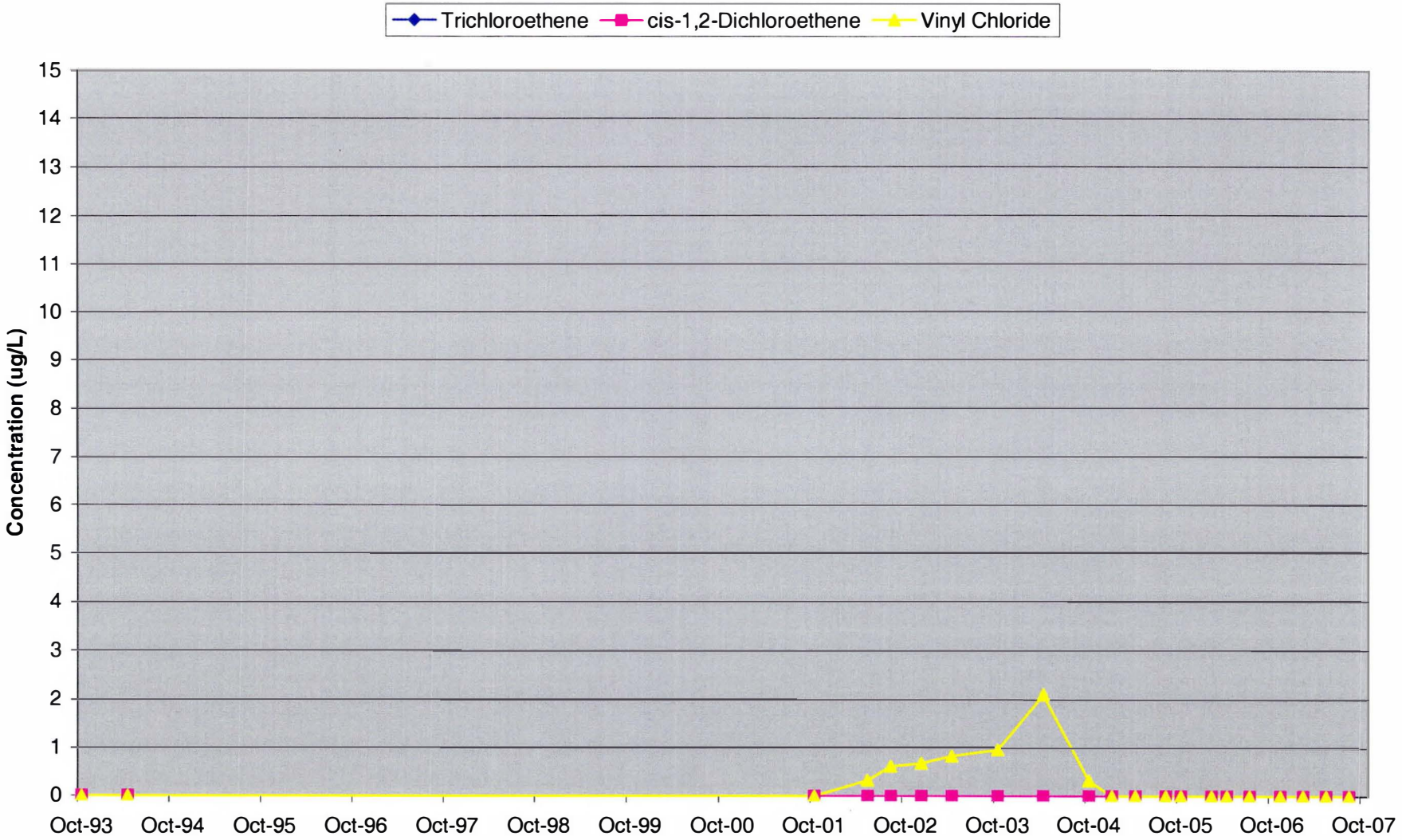

Chart 38: P-103
Layer 2 Well

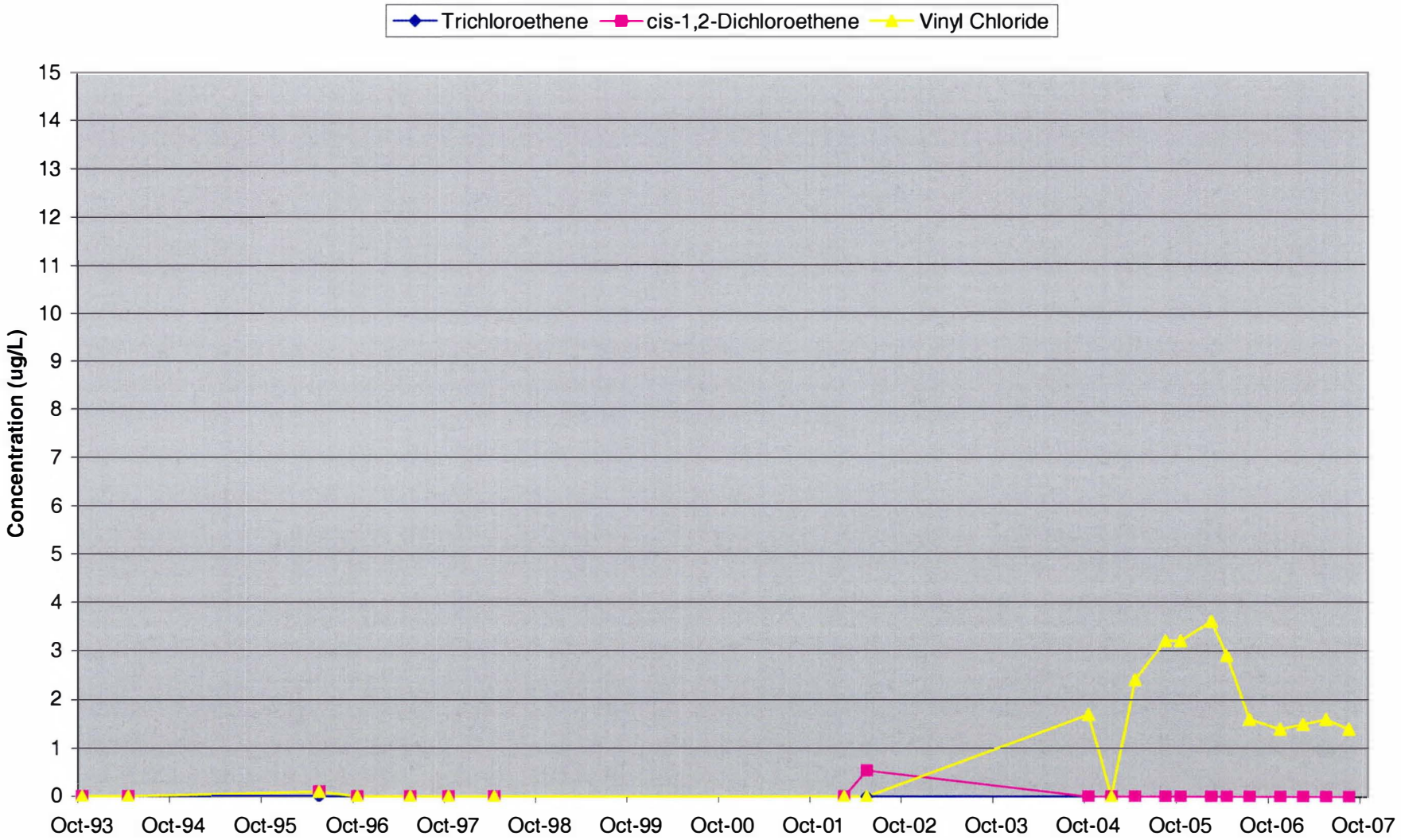

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Chart 39: P-104
Layer 2 Well

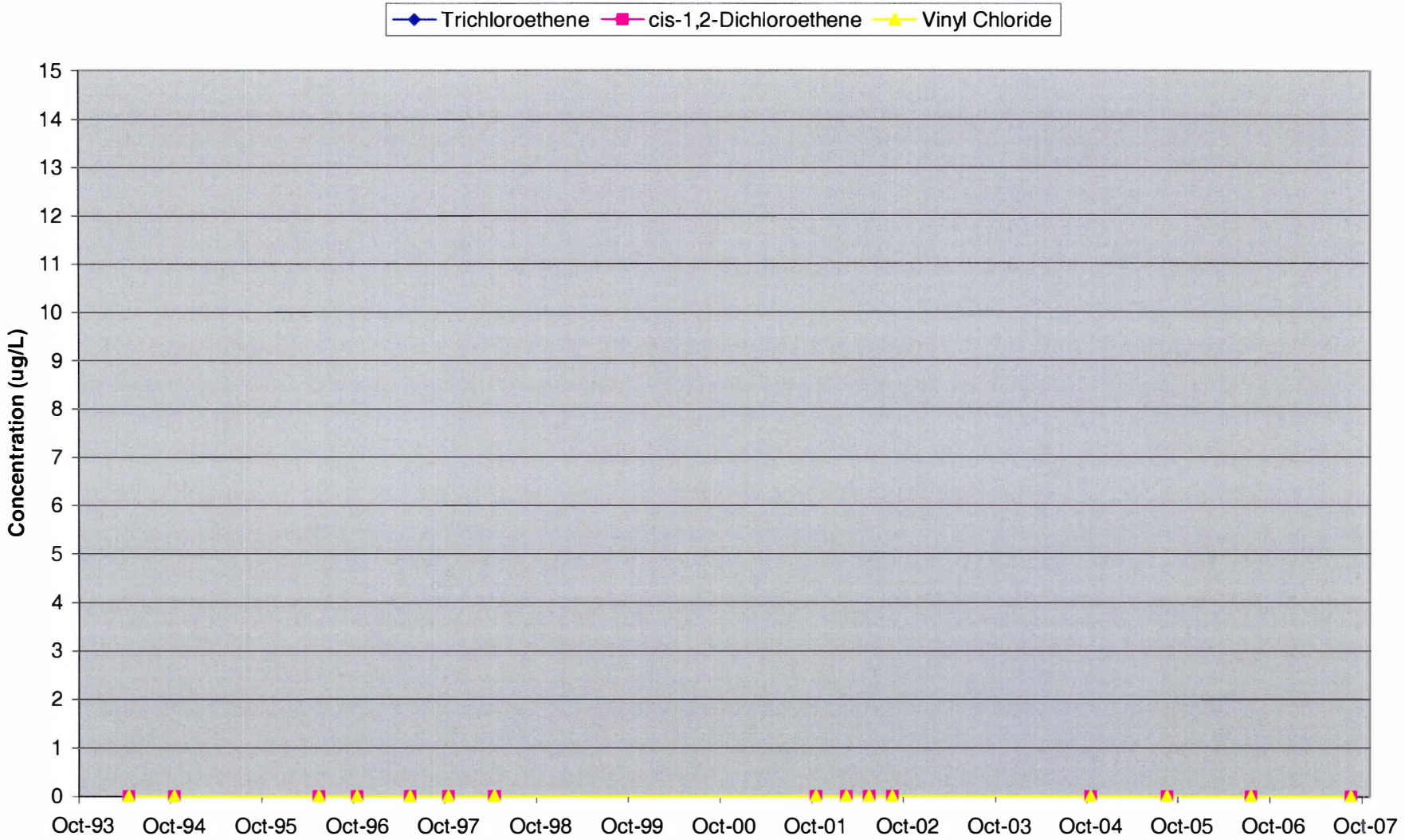

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Chart 40: P-106
Layer 2 Well

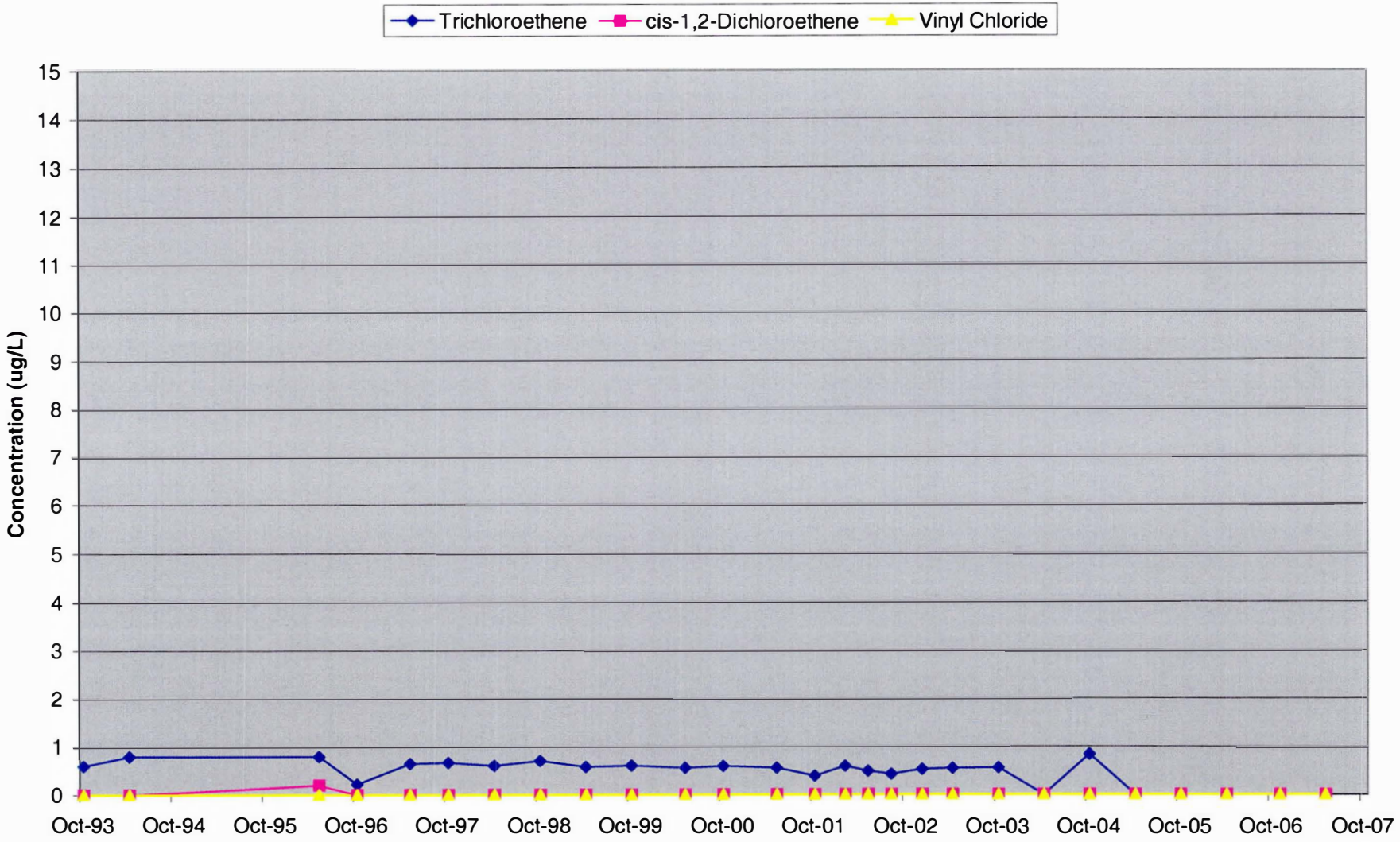

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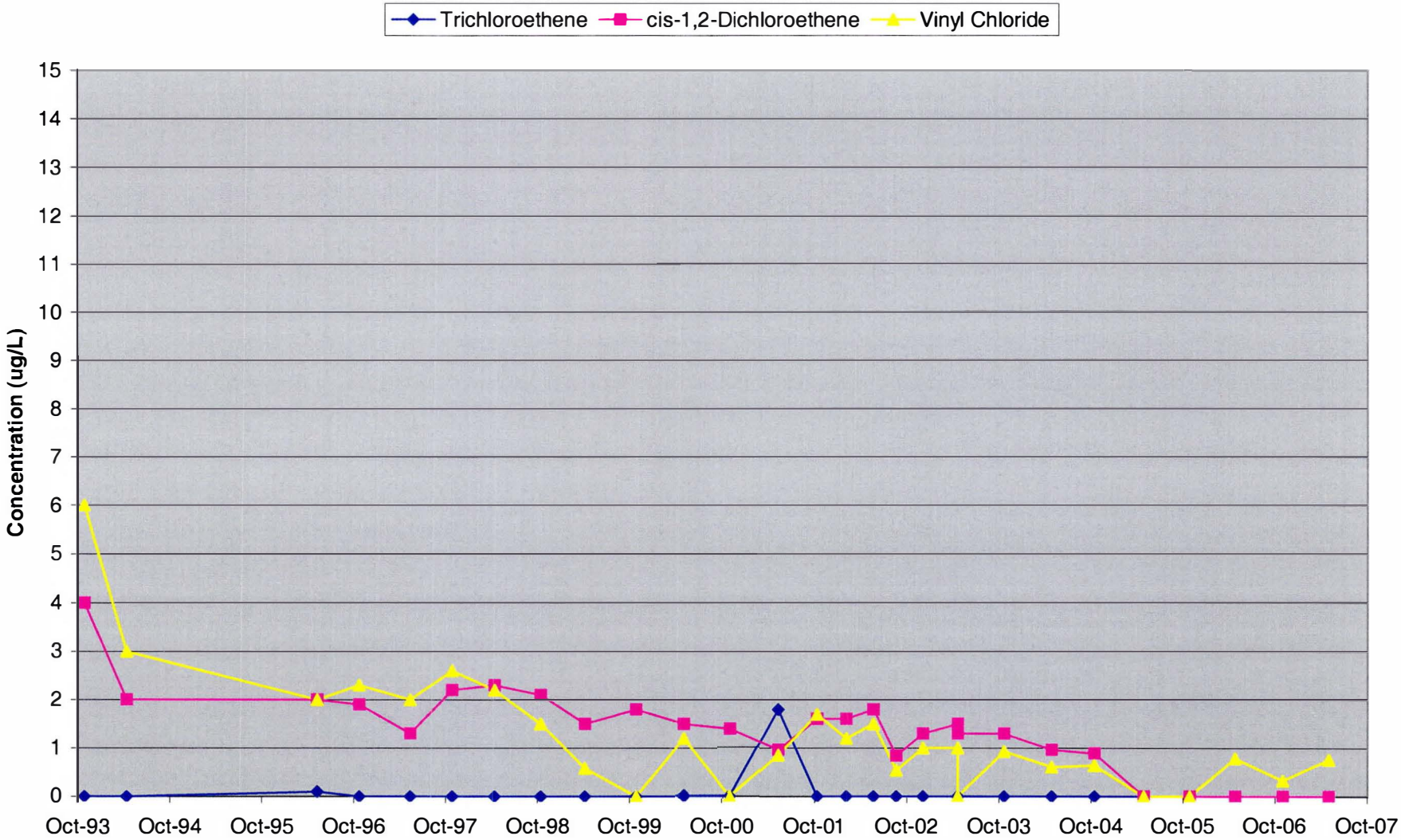
Chart 41: P-107
Layer 2 Well



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[redacted]

Chart 42: P-108
Layer 2 Well

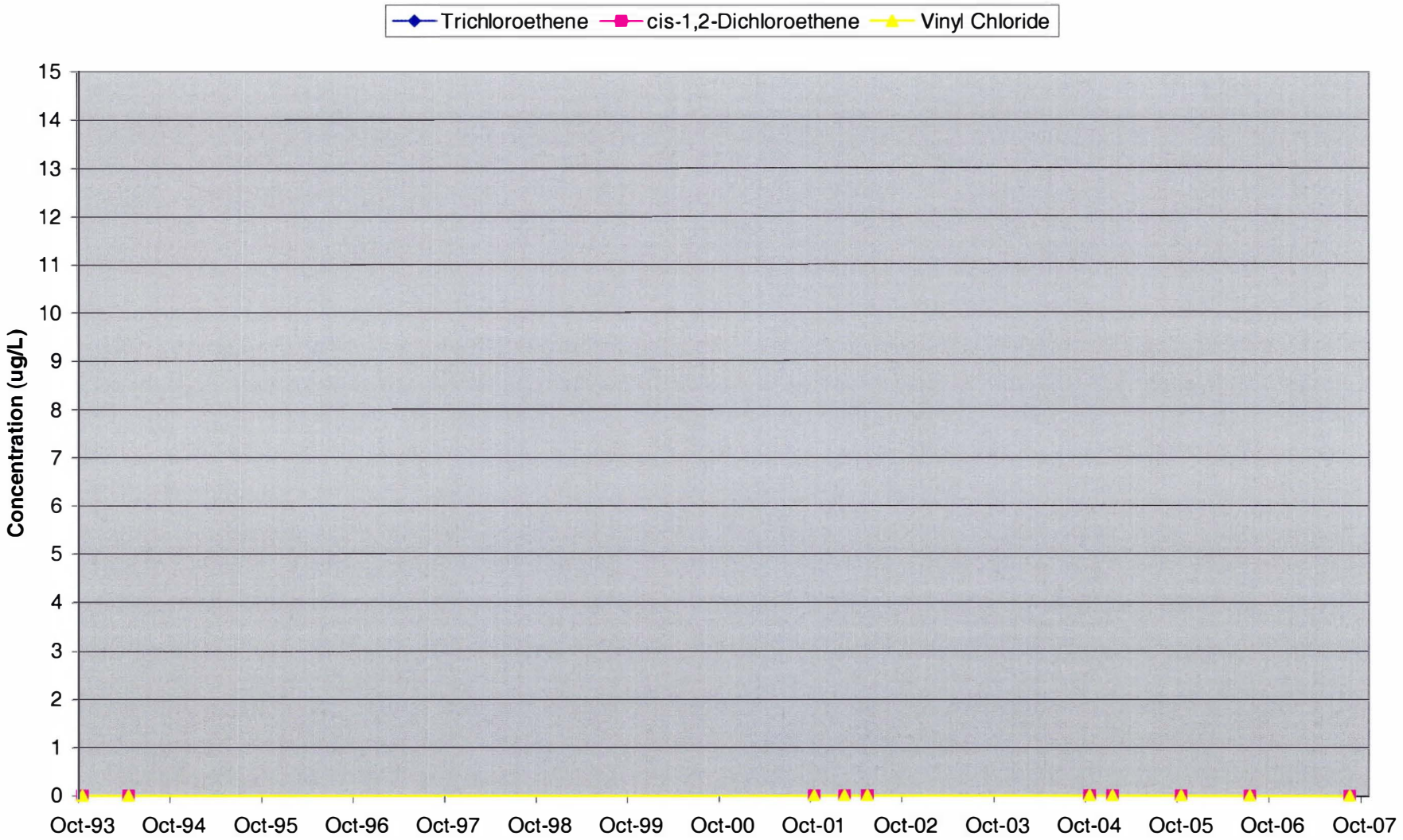

Chart 43: P-111
Layer 2 Well

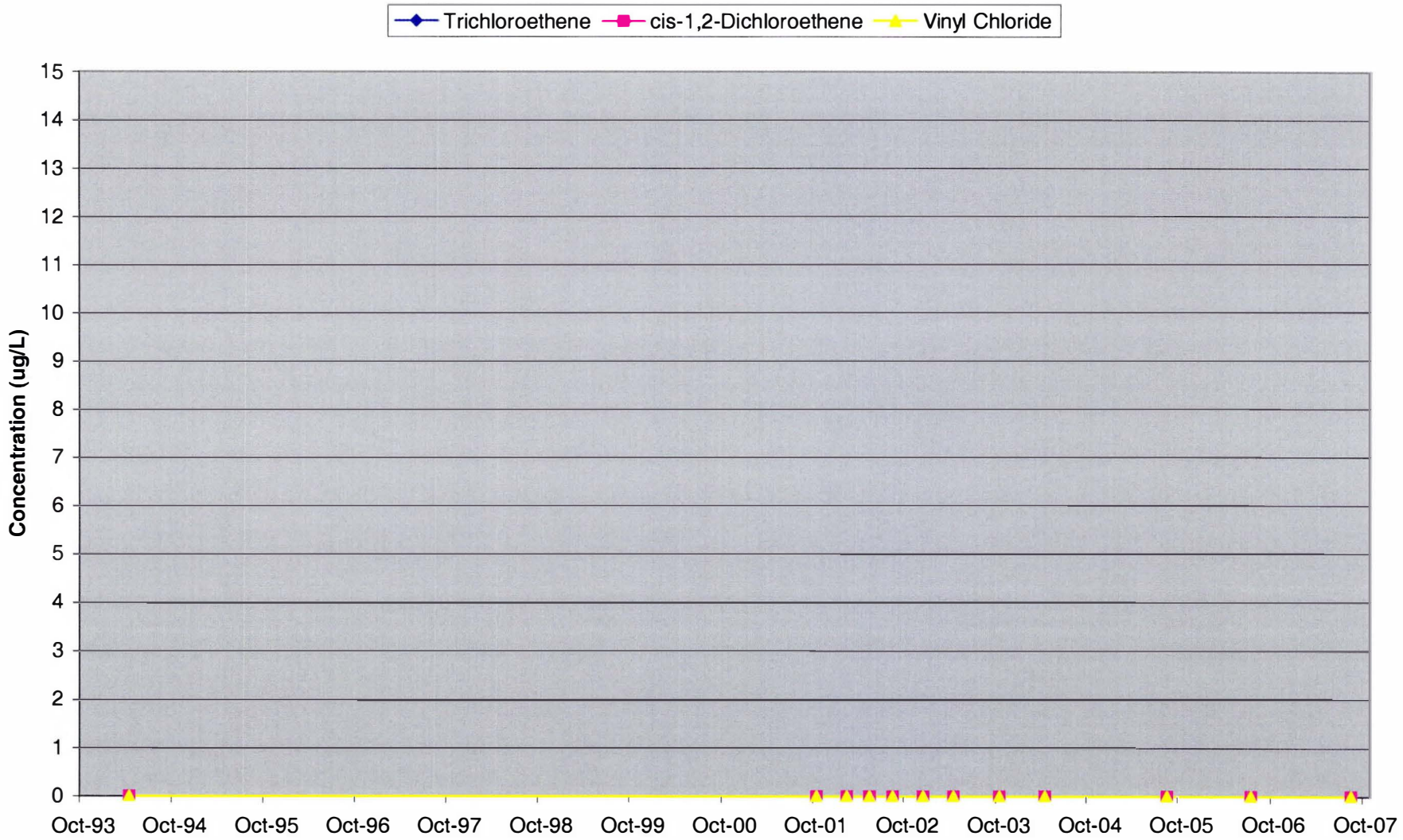

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Chart 44: P-103D
Layer 3 Well

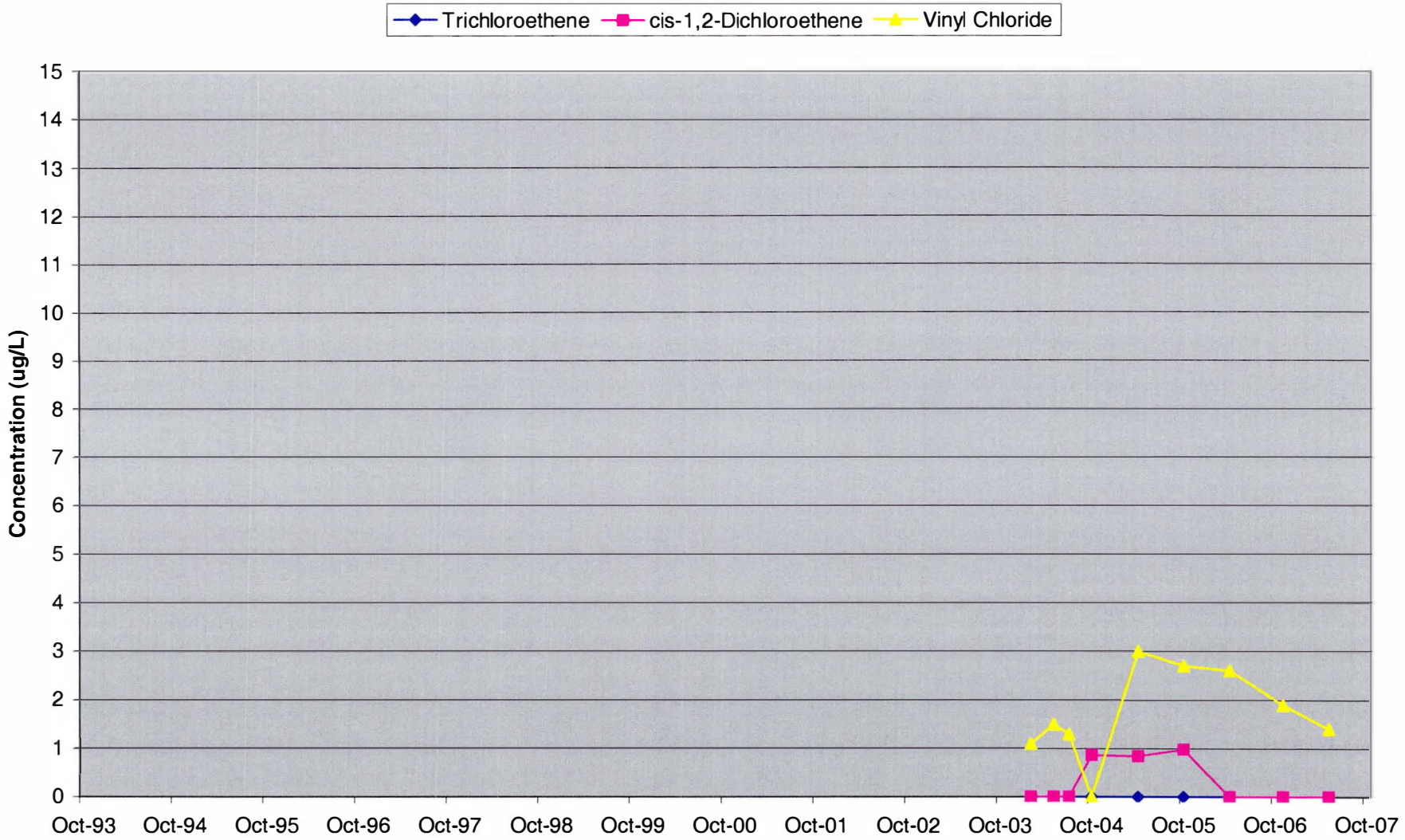

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Chart 45: P-111D
Layer 3 Well

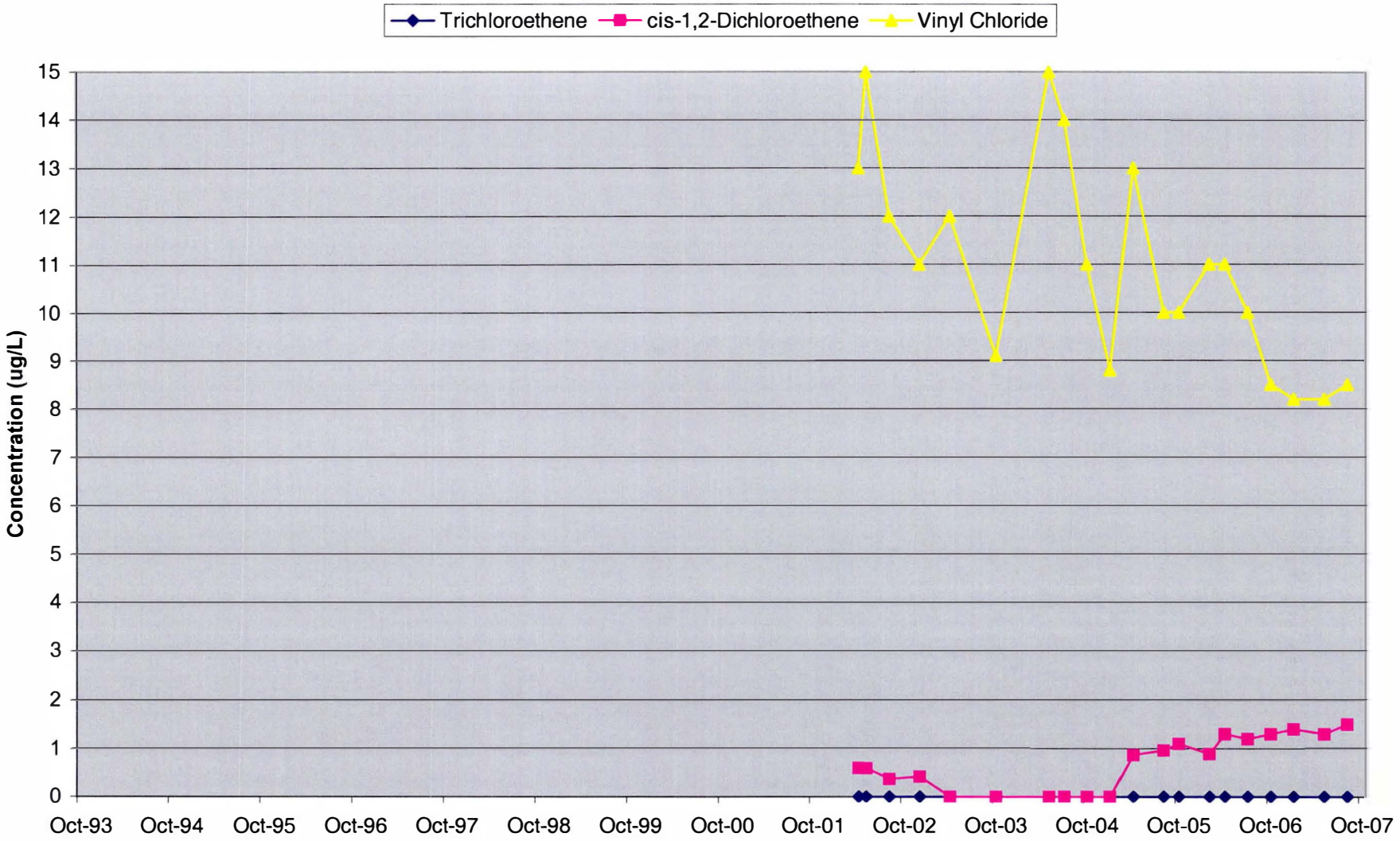

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Chart 46: MW-3B
Layer 3 Well

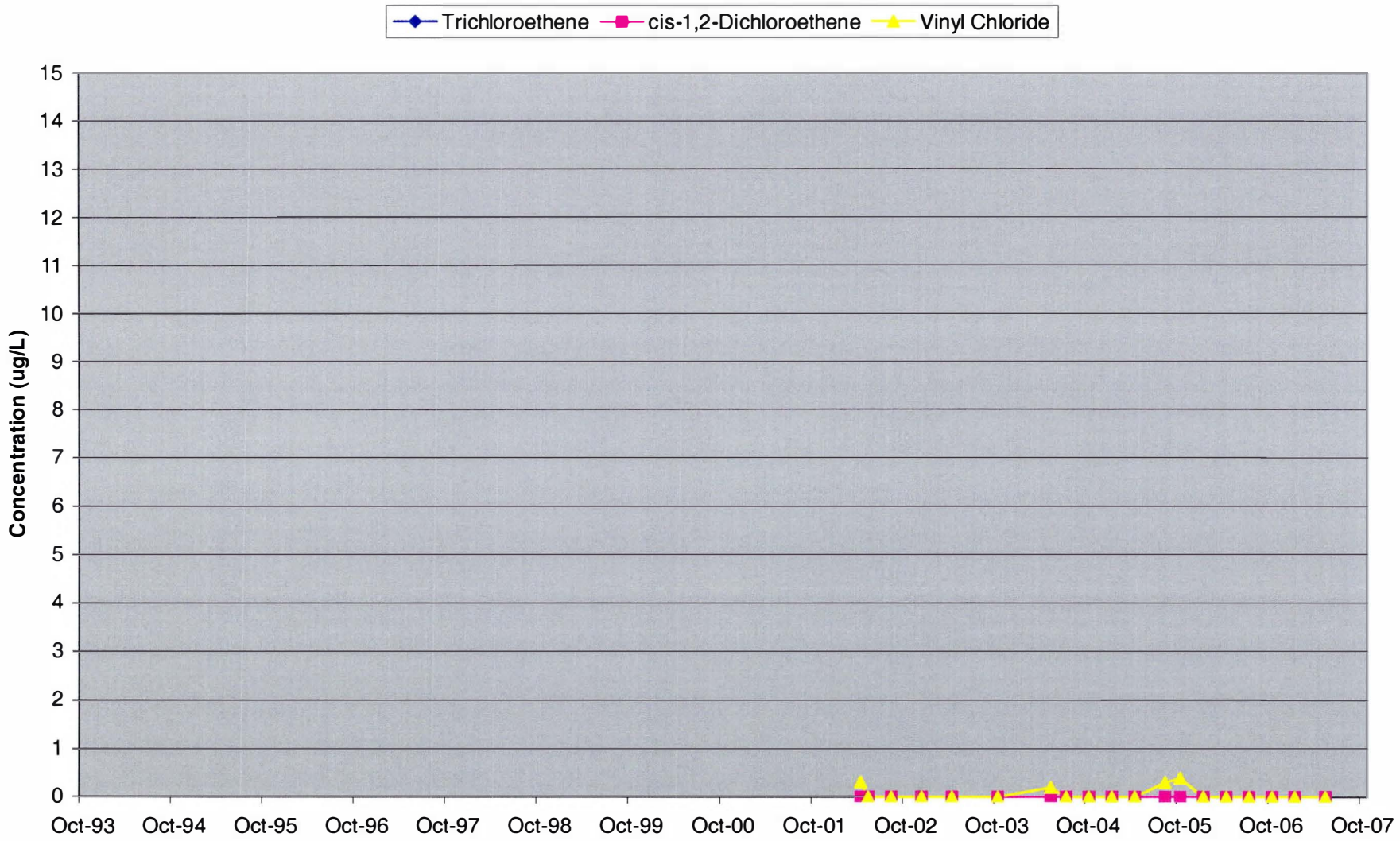

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Chart 47: P-113B
Layer 3 Well

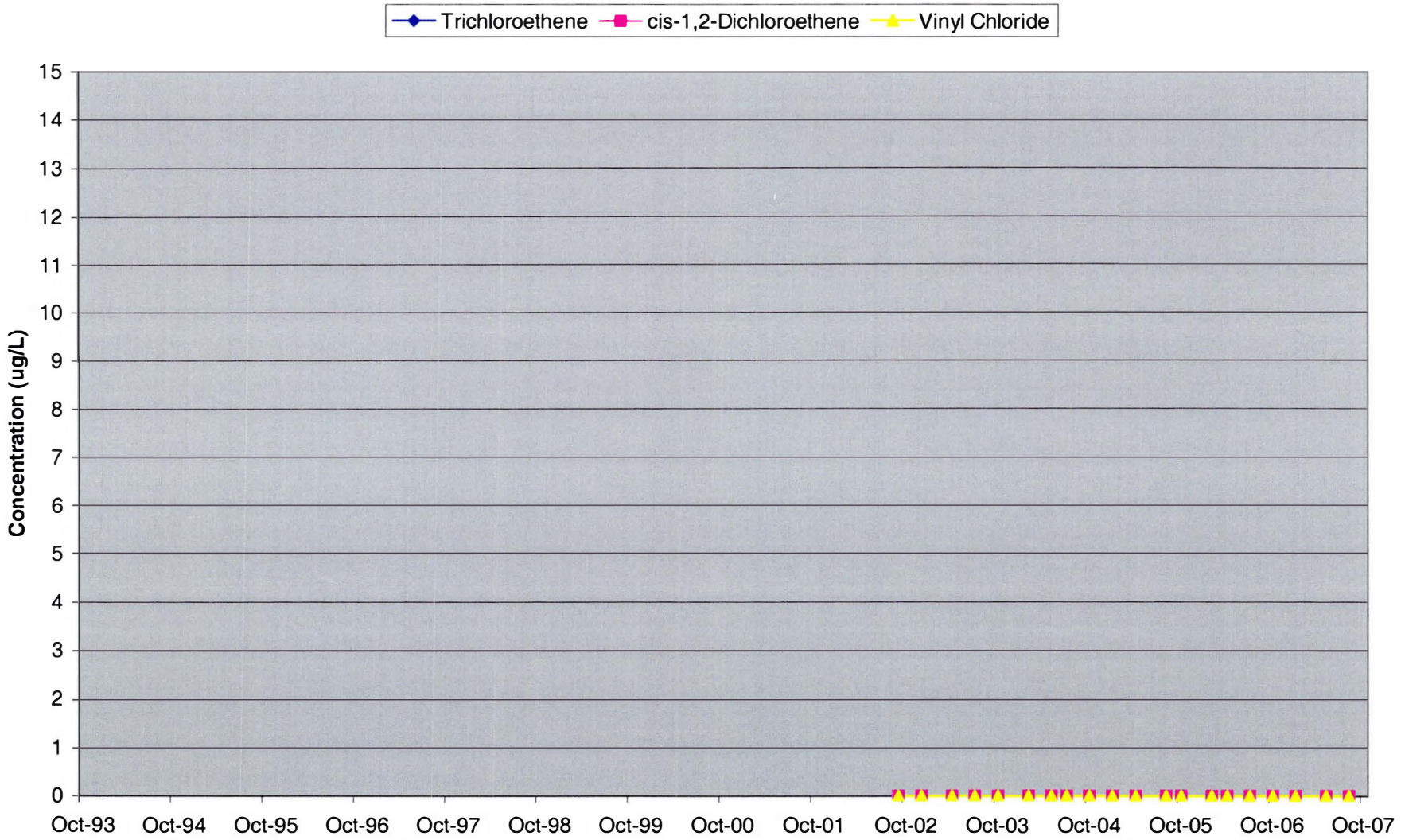

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Chart 48: P-114
Layer 3 Well

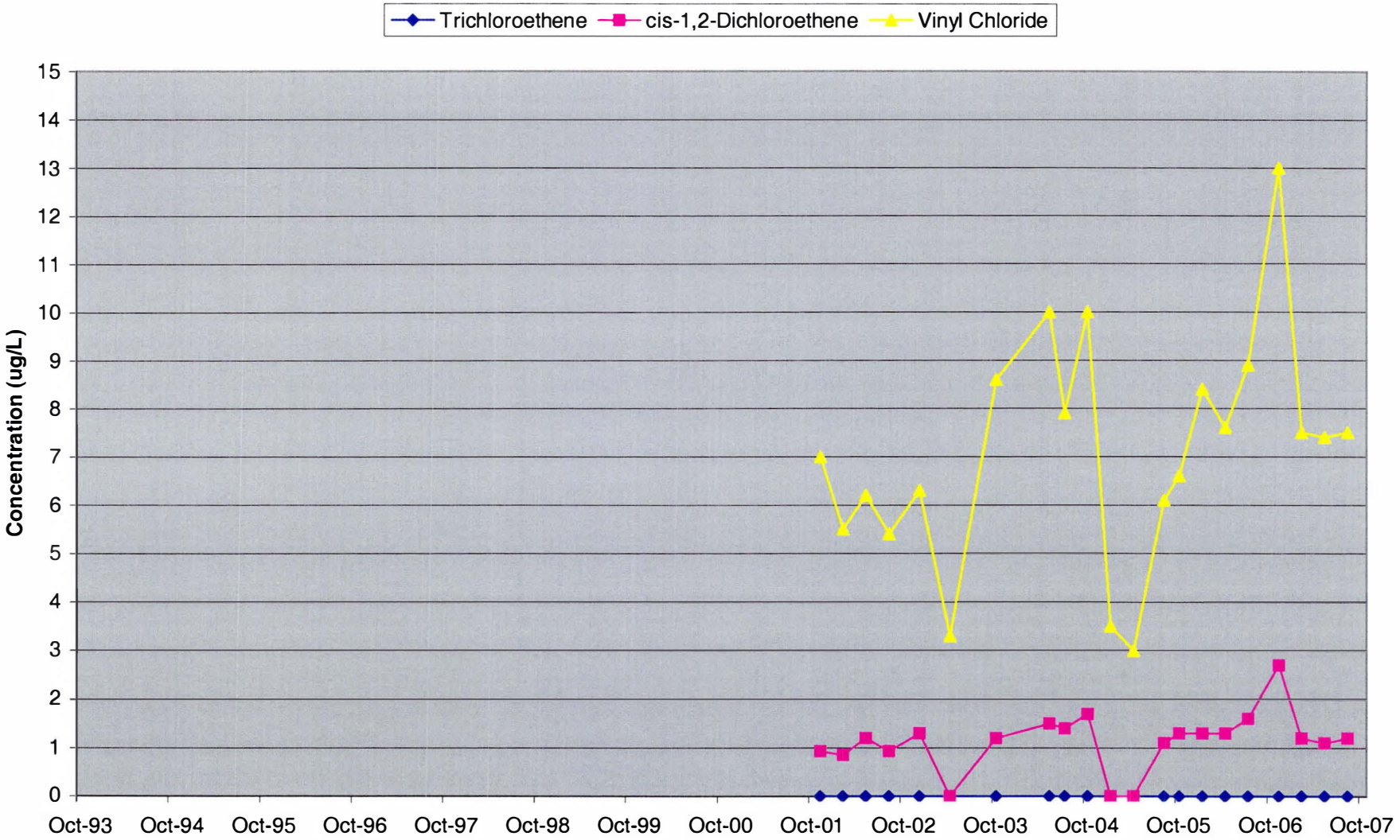

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Chart 49: P-115
Layer 3 Well

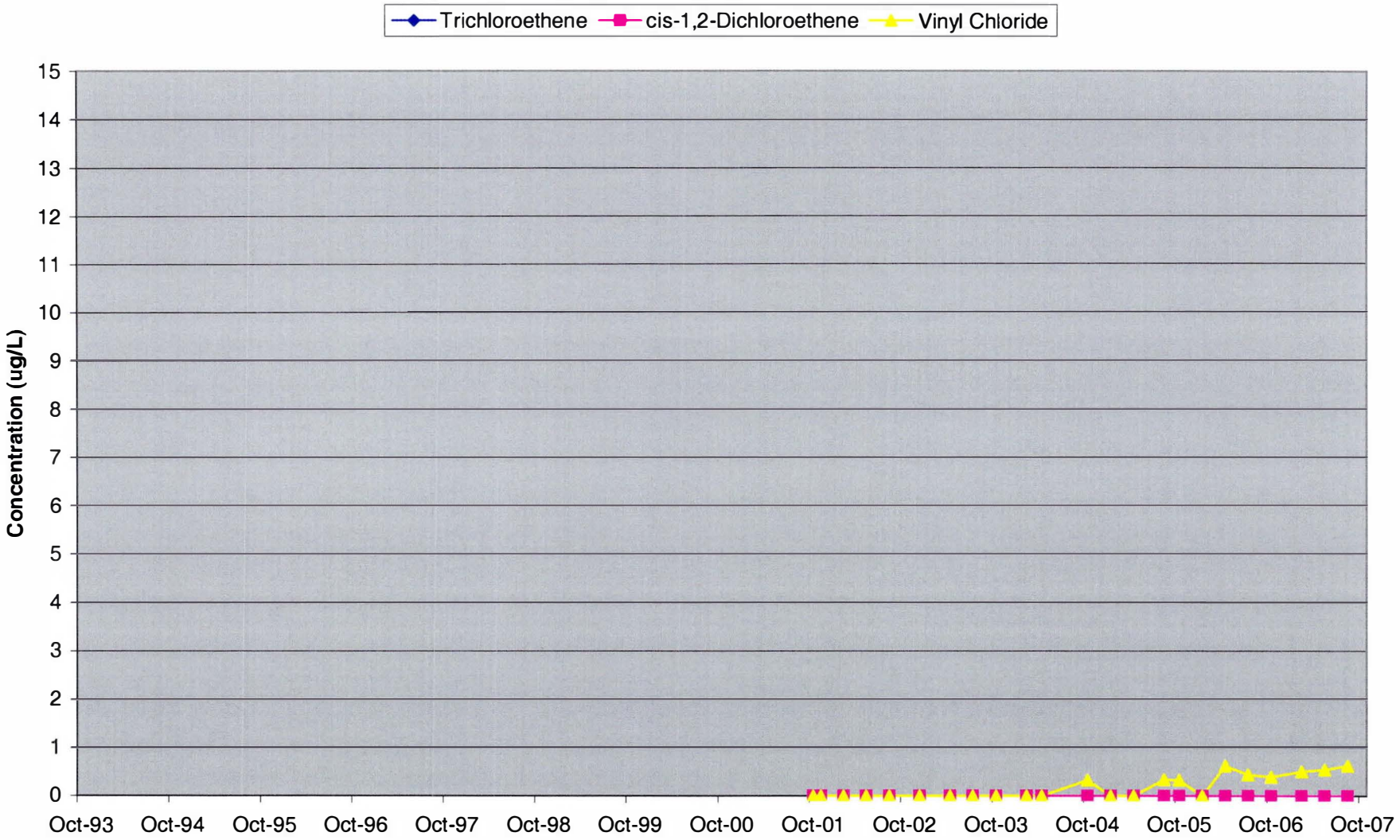

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Chart 50: P-116
Layer 3 Well

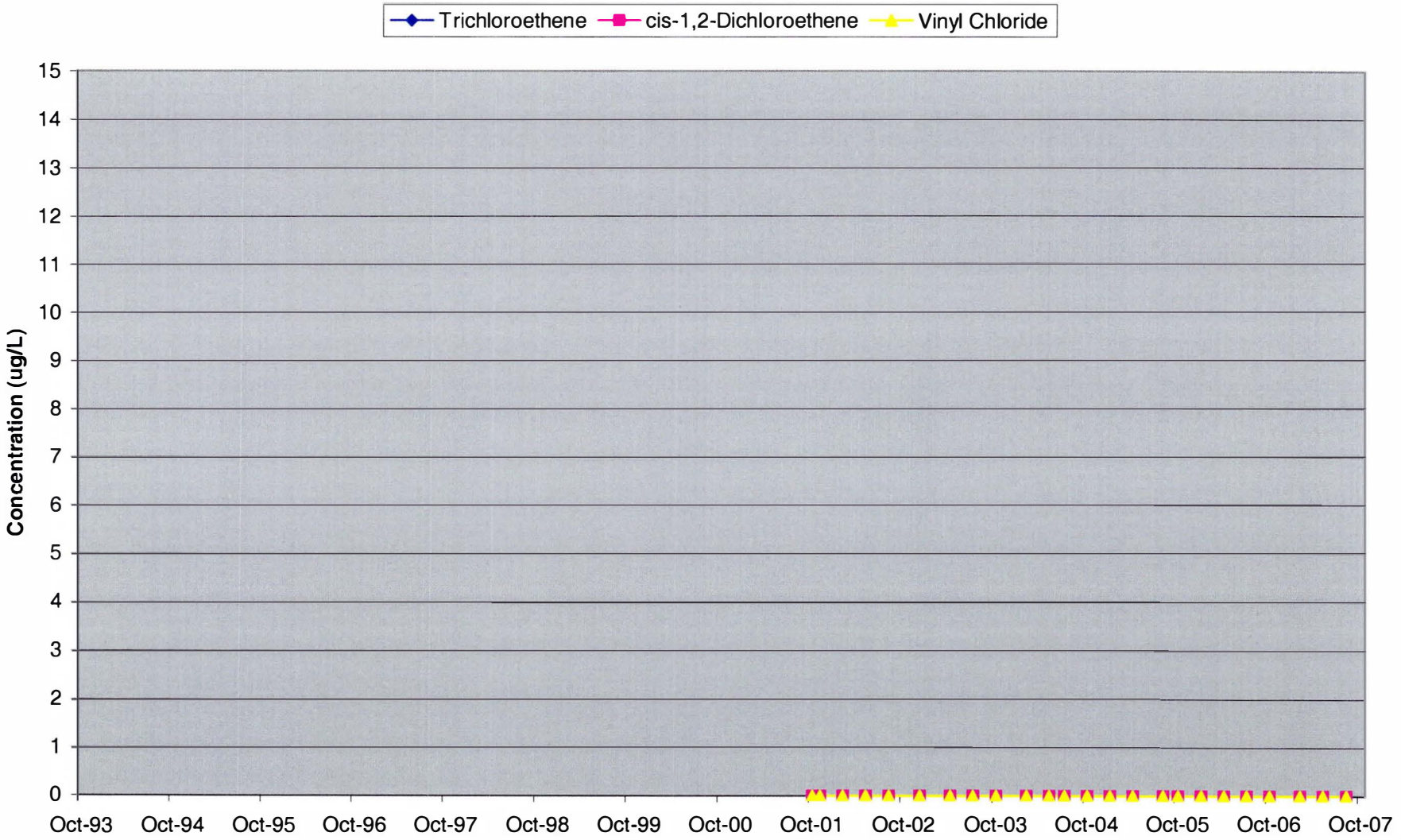

Chart 51: MW-3A
Layer 4 Well

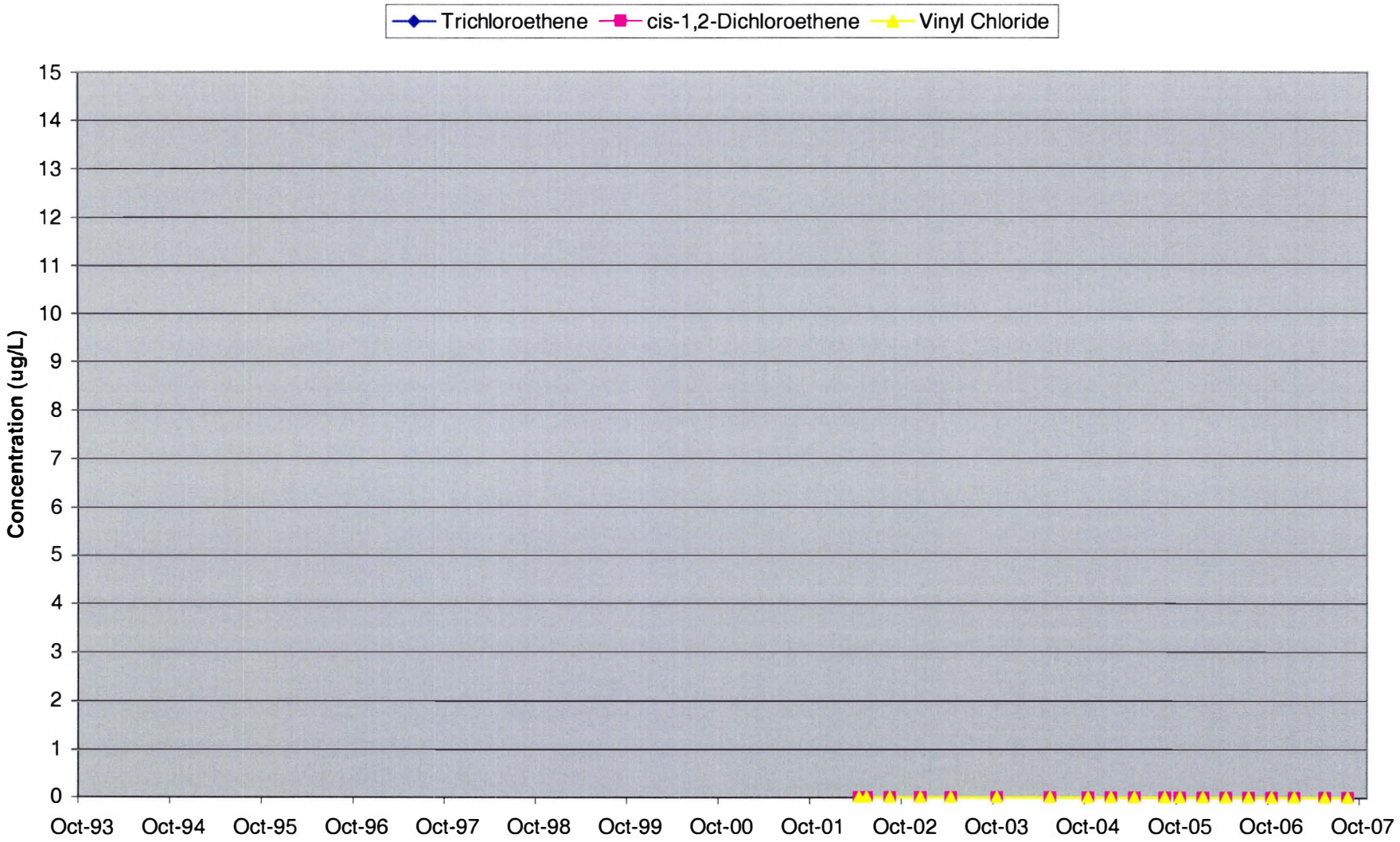

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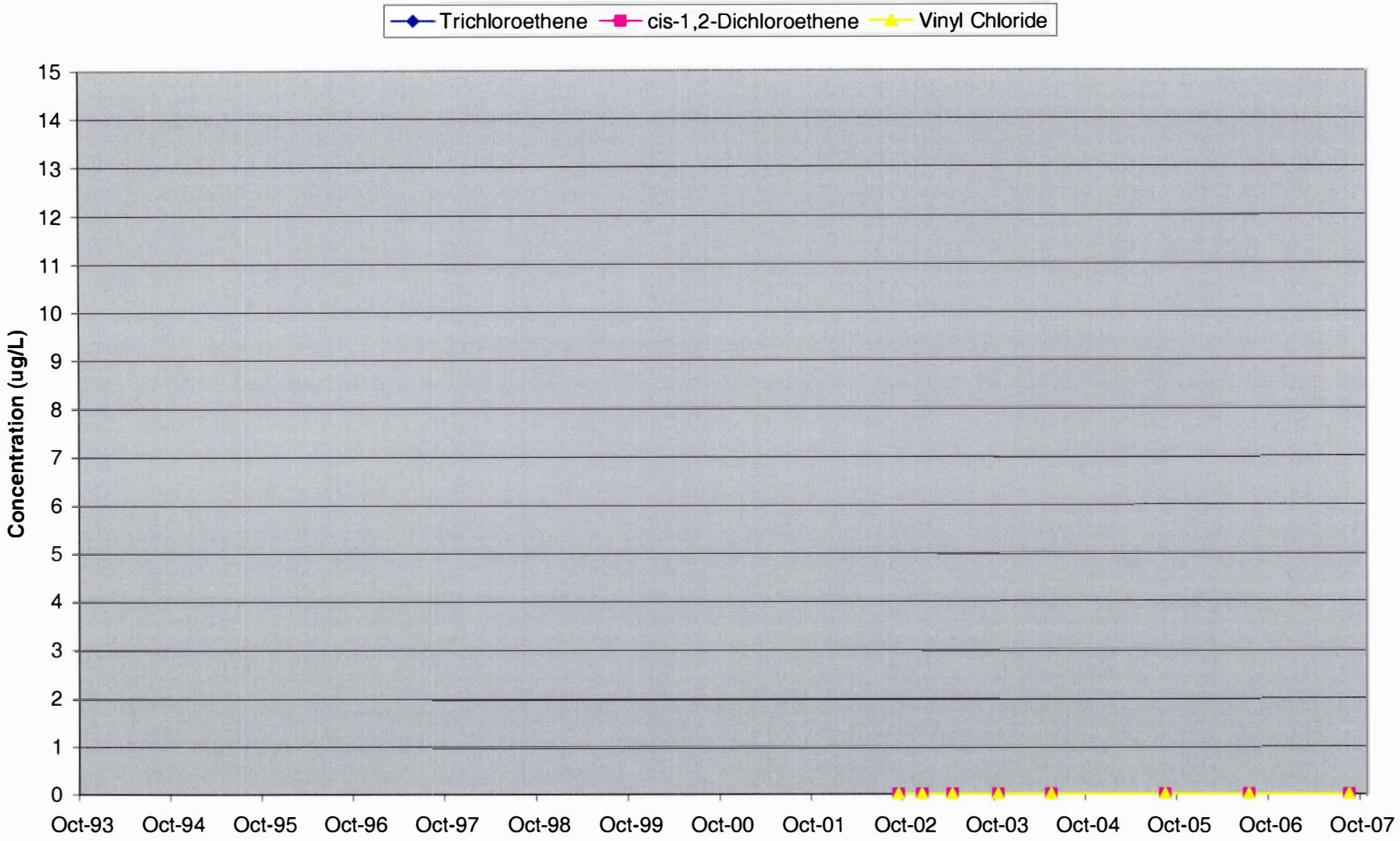
Chart 53: P-113A
Layer 4 Well



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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	Oct-00	May-01	Oct-01	Feb-02	May-02	Aug-02	Oct-02
MW-101	884.80	826.56	824.20	824.04	823.41	824.34			822.08	823.17			823.13	824.17	823.18	DRY	DRY	NT
P-101	885.26	826.52	824.24	824.02	823.38	824.33	823.00	820.24	822.04	823.16	822.73	822.66	823.06	824.16	823.19	800.47	814.42	NT
MW-102	843.05	826.83	825.35	824.29	823.57	824.67	823.26			823.52	823.17	823.19		824.38	823.53	818.93	DRY	NT
P-102	842.99	826.89	824.40	824.35	823.64	824.75	823.38	820.77	822.47	823.63	823.25		823.39	824.49	823.69	799.84	814.94	NT
MW-103	872.42	823.08	821.77	819.49	820.56			819.22						821.63	>51.32	819.28	819.34	NT
P-103	872.92	826.29	826.88	823.88	817.43	824.16	822.89	820.25	821.96	823.11	822.70	822.60	823.02	823.87	823.00	801.70	814.74	NT
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					823.88	>51.28	DRY	DRY	NT
P-104	875.48	826.47	824.25	824.12	823.26	824.24	822.92	820.25	822.06	823.18	822.70	822.64	823.10	824.03	823.12	802.51	814.82	NT
MW-106	878.90	826.67	824.21	824.24	820.96	824.61	823.23		822.42	823.45	823.10	822.96	823.34	Dry	823.50	DRY	DRY	NT
P-106	878.91	826.63	824.09	824.07	823.42	824.51	823.16	820.40	822.33	823.38	823.02	822.89	823.26	824.25	823.39	800.31	814.52	NT
MW-107	871.78	821.02	820.52	818.76	819.17	819.22		817.04	818.70	819.68			819.36	820.12	>52.5	816.72	DRY	DRY
P-107	871.38	820.86	820.37	818.78	819.07	819.24	818.38	817.14	818.72	819.71	818.62	818.62	819.35	820.12	818.86	809.86	813.29	NT
P-107D	871.98			819.13	817.47	819.52	818.29	816.77	817.56	817.78	817.34	818.10	819.04	816.61	817.70	811.80	815.35	816.43
MW-108	845.25		819.00	817.85	818.17	818.31				818.48	817.49		818.32	818.62	>27.7	815.44	815.45	NT
P-108	845.61		822.03	821.09	821.29	821.52	820.55	818.77	820.25	821.18	820.25	820.45	820.97	822.08	820.66	811.84	815.19	NT
MW-111	856.46			817.58	817.93	818.10	817.29	816.29	817.33	818.30	817.28	817.32	818.15	818.74	817.51	813.43	813.59	NT
P-111	856.13			817.09	817.43	817.60	816.78	815.75	816.85	817.83	816.79	816.83	817.68	818.26	817.04	812.54	812.90	NT
P-111D	855.79	(Installed April 2002)														807.70	815.16	816.73
MW-112	874.55				819.46	819.92	819.02		819.15	820.02	819.20	819.21	819.87	820.52	822.87	814.38	814.47	NT
P-113A	833.09	(Installed September 2002)																816.09
P-113B	833.10	(Installed September 2002)																816.68
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)													817.24	810.74	815.18	816.11
MW-3B	851.04	(Water levels taken beginning February 2002)													819.32	807.37	815.34	817.07
LC1	876.15				849.02	847.87	846.99	846.82	846.56		846.27		846.30	Dry	Dry	DRY	DRY	NT
LC2	866.05				847.25	842.91	841.20	840.61	838.31	839.29	839.17	839.28	839.03	838.92	838.97	838.83	838.98	NT
LC3	877.34					845.69					845.82		845.80	Dry	Dry	DRY	DRY	NT

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	Dec-02	Apr-03	Oct-03	Feb-04	Apr-04	Jul-04	Oct-04	Jan-05	Apr-05	Jul-05	Oct-05	Jan-06	Mar-06	Apr-06	Jul-06	Oct-06	Jan-07	May-07	Aug-07
MW-101	884.80	DRY	DRY	821.24	NM	822.87	825.76	823.36	822.85	823.27	821.11	DRY	820.81	NM	821.41	821.29	820.71	821.43	822.37	822.22
P-101	885.26	818.91	820.46	821.16	NM	822.86	825.76	823.35	822.84	823.26	821.07	820.23	820.75	NM	821.37	821.22	820.69	821.34	822.32	822.18
MW-102	843.05	DRY	820.95	821.57	NM	823.34	826.08	823.71	823.34	823.66	821.70	820.65	821.33	NM	821.91	821.75	821.15	821.73	822.85	822.55
P-102	842.99	819.47	821.08	821.66	NM	823.42	826.17	823.79	823.38	823.75	821.48	820.72	821.41	NM	822.06	821.80	821.25	821.82	822.90	822.63
MW-103	872.42	DRY	DRY	819.61	NM	821.06	824.54	822.24	820.52	821.60	819.70	819.25	819.24	NM	819.36	819.82	818.82	819.47	820.39	820.45
P-103	872.92	819.01	820.52	821.12	NM	822.77	825.58	823.23	822.78	823.14	821.09	820.26	820.92	NM	821.42	821.33	820.70	821.39	822.31	822.17
P-103D	873.08				820.64	821.89	824.39	822.21	821.89	822.08	820.26	819.23	820.24	NM	820.54	820.43	819.88	820.52	821.56	821.495
MW-104	875.15	DRY	820.37	820.85	NM	822.75	825.49	823.27	822.75	823.16	821.09	820.34	820.65	NM	821.35	821.16	820.61	821.11	822.17	822.06
P-104	875.48	819.05	820.50	821.43	NM	822.82	825.61	823.36	822.82	823.21	821.20	820.40	820.79	NM	821.45	821.33	820.76	821.29	822.29	822.27
MW-106	878.90	DRY	DRY	821.58	NM	823.25	826.07	823.60	823.20	823.61	821.42	DRY	821.24	NM	821.85	821.77	821.10	821.78	822.78	822.51
P-106	878.91	819.18	820.80	821.49	NM	823.17	825.99	823.50	823.10	823.54	821.31	820.50	821.16	NM	821.72	821.67	820.99	821.62	822.71	822.44
MW-107	871.78	DRY	817.73	818.35	NM	819.63	823.41	821.20	819.89	820.18	818.69	817.85	817.81	NM	818.03	DRY	817.90	818.29	818.87	818.97
P-107	871.38	816.65	817.74	818.39	NM	819.71	823.34	821.20	820.91	820.20	818.72	817.84	817.80	NM	818.19	818.59	817.89	818.23	818.88	819.01
P-107D	871.98	816.68	817.26	816.72	NM	818.68	819.78	817.72	817.65	818.77	815.90	814.85	816.33	816.45	816.89	816.83	816.24	817.05	818.27	818.79
MW-108	845.25	815.79	816.20	816.68	NM	817.86	820.27	819.00	818.17	818.41	816.95	816.27	816.31	NM	816.70	816.88	816.39	816.64	817.39	817.96
P-108	845.61	817.83	818.57	819.26	NM	820.52	823.39	821.94	820.84	821.05	819.76	819.13	819.04	NM	819.40	819.65	819.41	819.40	820.14	821.45
MW-111	856.46	815.42	816.14	816.71	NM	818.03	821.40	819.60	817.39	818.69	817.32	816.51	816.31	NM	816.74	817.14	816.58	816.72	817.40	817.44
P-111	856.13	814.90	815.68	816.27	NM	817.59	821.01	819.16	816.92	818.19	816.82	816.03	815.84	NM	816.24	816.74	816.09	816.23	816.92	816.95
P-111D	855.79	816.22	818.17	817.95	NM	819.55	821.82	819.77	819.55	819.55	818.11	817.37	818.40	NM	818.62	818.54	818.26	818.48	819.84	819.44
MW-112	874.55	816.75	817.87	818.54	NM	819.89	823.17	821.14	820.15	820.50	818.82	818.14	818.31	NM	818.66	818.88	818.20	818.52	819.24	819.39
P-113A	833.09	816.39	816.93	816.20	NM	817.91	818.17	817.32	817.28	818.35	815.50	814.36	816.40	816.04	816.39	816.54	815.81	817.29	817.78	818.13
P-113B	833.10	816.93	817.25	816.58	816.61	818.30	820.16	818.25	818.13	818.36	816.74	815.47	816.90	NM	817.01	817.57	816.81	816.70	818.11	818.26
P-114	839.35		817.17	816.93	NM	818.55	820.44	818.71	818.50	818.76	817.02	816.34	817.28	NM	817.38	817.36	816.86	817.36	818.48	818.14
P-115	842.71				NM	818.61	820.51	818.71	818.55	818.62	817.05	816.05	817.44	NM	817.56	817.50	817.12	817.62	818.72	818.375
P-116	845.34				NM	817.54	819.31	817.80	817.47	817.74	816.45	815.48	816.02	NM	816.48	816.34	816.00	816.38	817.47	816.905
MW-3A	850.77	815.99	816.63	815.67	NM	818.03	819.73	817.00	817.15	816.84	816.05	814.87	817.98	815.81	816.29	817.51	816.34	817.49	817.68	819.68
MW-3B	851.04	817.54	818.31	817.92	NM	819.79	822.01	819.66	819.60	819.45	818.44	817.28	819.15	NM	818.86	819.18	818.27	818.88	819.62	820.24
LC1	876.15	DRY	DRY	NM	NM	846.45	NM	DRY	DRY	846.39	DRY	NM	NM	NM	843.40	847.60	847.66	NM	846.41	NM
LC2	866.05	838.75	839.17	NM	NM	839.27	NM	838.89	DRY	839.05	838.89	838.91	839.01	NM	839.47	839.52	838.45	NM	838.63	NM
LC3	877.34	DRY	DRY	NM	NM	DRY	NM	DRY	DRY	DRY	DRY	NM	NM	NM	845.89	845.87	844.68	NM	846.12	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	04/04/02	NR			NA																											
	05/22/02	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																															
	04/26/05																															
	08/02/05																															
	10/26/05																															
	01/31/06																															
	04/24/06																															
	07/27/06									0.35 Q																						
	10/31/06																															
	01/31/07																															
	5/1/07																															
	8/8/07																															
MW-3B	04/04/02	NR			NA																				0.38						**0.31**	
	05/22/02	NR			NA																			NA								
	08/20/02	NR																						NA								
	12/05/02	NR																														
	4/22/03																															
	10/22/03																															
	05/11/04																														**0.2 Q**	
	07/22/04																															
	10/14/04																															
	1/27/05																															
	4/26/05																															
	8/2/05																														**0.30 Q**	
	10/26/05																														**0.39** Q	
	01/31/06																															
	4/24/06																															
	7/27/06									0.45 Q																						
	10/31/06																															
	1/31/07																															
	5/01/07																															
	8/8/07																															

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	10/1/93	NR																					0.7 J									
	04/1/94	NR																					0.6J									
	05/01/96	NR																					0.6J									
	10/01/96	NR								0.89 J													0.72 J									
	05/01/97	NR																														
	10/01/97	NR																					0.7									
	04/98*	NR																														
	10/01/98	NR																														
	04/01/99	NR																														
	10/01/99	NR																					0.7									
	05/01/00	NR																					0.32									
	10/01/00	NR																					0.38									
	05/01/02	NR																					0.28									
	10/11/01	NR																														
	02/05/02	NR			NA							0.19											0.32	NA			0.16					
	05/21/02 *		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/19/02 *		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/02 *		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/03 *		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/23/03																															
	4/28/04																															
	10/13/04	11																														
	4/27/05																															
	4/28/06	18																														
	11/1/2006*		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/1/07																															
	5/1/07	2.4																														
P-101	10/01/93	NR																														
	04/01/94	NR																							0.5J							
	020/5/02	NR			NA																			NA								
	05/22/02	NR			NA																			NA								
	10/13/04																															
	4/27/05																															
	10/25/05																															
	4/28/06																															
	11/1/06																															
	5/1/07																															

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

Sampling Point	Collection Date	Parameters																												
		Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-102	10/26/93	NR																														
	04/11/94	NR																							3							
	05/08/96	NR																							0.4J							
	10/30/96	NR								0.99 J													0.30 J									
	05/12/97	NR																														
	10/26/97	NR																														
	04/13/98	NR														0.46																
	10/11/01	NR																														
	05/21/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/19/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/05/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/04																															
	10/14/04																															
	4/27/05																															
	10/25/05																															
	4/25/06																															
	11/1/06																															
	5/2/07																															
P-102	10/26/93	NR																														
	04/11/94	NR																														
	10/11/01	NR																														
	05/21/02	NR			NA																			NA						0.33Q	
	08/20/02	NR																						NA						0.62	
	12/04/02	NR																												0.68	
	04/21/03																				0.48 Q&									0.83	
	10/22/03																													0.96	
	04/27/04																													2.1	
	10/14/04									0.5 Q																				0.32	
	1/27/05																															
	4/27/05																															
	8/3/05																															
	8/3/2005 dup																															
	10/25/05																															
	2/1/06																															
	4/27/06																															
	4/27/2006 dup																															
	7/27/06									0.66 Q																						
	11/1/06																															
	2/15/07																															
	5/2/07																															
	8/14/07																															

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]	10/27/93	NR														**410**														**75**	
	04/11/94	NR														**1100**														**440**	
	04/01/94 Dup	NR														**970**														**410**	
	05/01/96	NR					7J									**740**	9J										**10J**			**170**	
	05/01/96 Dup	NR					8J			**9 J**						**840**	10J										**11J**			**180**	
	10/01/96	NR	3.3				8.1 J	1.9		1.1	0.76 J		0.99 J		0.30 J	**520 E**	5	1.9									4.7			**98 E**	
	05/01/97	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**	
	10/01/97	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																													
	10/01/98	NR	2				5.7									**260**	3.3										**5.8**			**45**	
	04/01/99	NR	1.4				4.7									**150**	2.4										3.9			**47**	
	10/01/99	NR					5.2									**170**	2.6										2.4			**48**	
	05/01/00	NR	1.8				6.5									**170**	3.4										4.1			**60**	
	10/01/00	NR	1.6				6.9	3.1			0.84		0.33			**130**	4.5	0.75									**6.6**			**78**	
	05/01/01	NR	1.2				5.7	1.5			0.92					**94**	3.4	0.54			2.6L			1.1			4.5			**46**	
	10/11/01	NR	1.1		80		2.6	0.62			0.54					25	2.7				6.4L				0.8					**15**	
	2/4/02	NR	1.8		NA		6.4	1.1			0.81		0.36			**71**	5.5	0.53			0.28		0.13	NA	0.72		3.1			**40**	
	5/21/2002*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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
	12/05/02 *	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
	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
	10/21/03		0.8				1.3									58	1.9										1.7			**21**	
	04/28/04		0.61 Q		26		0.53 Q									16											1.9			**6.7**	
	10/13/04	56	1.4				1.7			0.52						12	2.5							0.89		0.78				**7.9**	
	4/26/05		1.2				2.8									1.9	3.0							0.71						**1.8**	
	4/25/06	31			8.0 Q		0.62 Q									5.2										0.48 Q				**1.8**	
	10/31/2006*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/1/07				6.1Q											10										0.82Q				**0.34**	
	5/2/07						1.7									14										1.7				**0.75**	

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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	10/27/93	NR																														
	04/12/94	NR																														
	05/9/96	NR														0.1J									0.1J						0.1J	
	10/31/96	NR								0.84 J																						
	05/13/97	NR																														
	10/27/97	NR																														
	04/13/98	NR																														
	2/4/02	NR			NA																			NA								
	05/21/02	NR			NA											[0.54]								NA								
	10/13/04									0.52 Q																					1.7	
	1/26/05																															
	1/26/2005 dup																															
	4/26/05																														2.4	
	8/3/05																														3.2	
	10/26/05																														3.2	
	02/01/06																														3.6	
	4/25/06																														2.9	
	7/28/06									0.49 Q																					1.6	
	11/1/06																														1.4	
	2/1/07																														1.5	
	5/2/07																														1.6	
	8/14/07																														1.4	
P-103D	02/4/04				NA																0.55Q			NA							1.1	
	05/11/04																														1.5	
	05/11/04 dup																														1.5	
	07/23/04																														1.3	
	07/23/04 dup																														1.5	
	10/13/04									0.43 Q						0.86 Q																
	04/26/05															0.84 Q															3.0	
	10/26/05															0.98 Q															2.7	
	10/26/2005 dup															0.95 Q															2.8	
	4/25/06																														2.6	
	11/1/06																														1.9	
	5/2/07																														1.4	

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

Sampling Point	Collection Date	Parameters																												
		Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-104	10/27/93	NR	2				2				2					1 JB									31							
	4/19/94	NR	1				1				1					10											0.8J				6.0	
	05/9/96	NR	6				5	1		0.3 J			0.2 J			6	0.3 J		0.1J						0.2 J		0.5J				10	
	10/30/96	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
	05/12/97	NR	4.8				4.5	1.5			0.91					1.1						0.32									4.5	
	10/27/97	NR	0.63				1.3				0.85					7.3															18	
	04/13/98	NR	1.2													74	0.67								0.46		3.5				17	
	10/13/98	NR	1.7								0.76					3.3															15	4.1
	04/07/99	NR	3.2				1.4									6.6											0.71				6.1	
	10/27/99	NR	3.5				5.4				0.92					4.5															2.8	
	05/2/00	NR	3				5.7				1.5					0.7									0.13						1.1	
	10/30/00	NR	2				6.2				1.6					2.6									0.12		0.33				29	
	05/1/01	NR	2.5				5.6				2	0.47				7				0.26	0.51L			0.81	0.13		0.66				8.6	
	10/11/01	NR	3.1				9.5				2.3				0.85	2					0.39L				0.1				0.14		2.2	
	02/5/02	NR	2.7		NA	0.16	8				2	0.19				5.1				0.23				NA	0.17		0.73				13	
	05/21/02*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/19/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/05/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2003 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/22/03		1.8		6.9Q		3.1									4.6															6.5	
	10/23/03	3.2	4				7.8				1.8					3.3															8.6	
	04/28/04		2.4				6				2.2 Q					6.4															8.7	
	10/13/04		2.5				6.5				2.2 Q					10															20	
	4/27/05		1.7				5.4				2.1 Q																				0.64	
	10/25/05		1.4				6.9				2.5 Q					3.9															13	
	4/25/06		1.4		4.6 Q		4.9				2.2 Q					1.0 Q															1.1	
	11/2/06		1.2 Q				4.8				1.7 Q																					
	11/2/2006 dup		1.3 Q				5																									
	5/2/07		0.8Q				4				2.0Q																					

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-Dichloroethane	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethane	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	10/27/94	NR																													
	04/19/94	NR																													
	05/09/96	NR																													
	10/30/96	NR								0.20 J																					
	05/12/97	NR																													
	10/27/97	NR																													
	04/13/98	NR																													
	10/11/01	NR																			0.52L										
	02/5/02	NR	0.18		NA					0.85														NA							
	5/21/02	NR			NA																			NA							
	08/20/02	NR																						NA							
	10/13/04									0.45 Q																					
	10/13/04 Dup																														
	8/3/05																														
	8/3/05 Dup																														
	7/28/06																														
	8/14/07																														
MW-106	10/1/93	NR																													
	04/01/94	NR																							11						
	02/04/02	NR			NA																			NA	0.25						
	05/21/02 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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
	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
	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
	07/23/04																														
	4/27/05																														
	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
	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
	2/15/07																														
	8/14/07																														

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

		Parameters																														
Sampling Point	Collection Date	Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-106	10/01/93	NR																									0.6J					
	04/01/94	NR																									0.8J					
	05/01/96	NR														0.2 J											0.8J					
	10/01/96	NR								0.62J																	0.22 J					
	05/01/97	NR																									0.65					
	10/01/97	NR																									0.67					
	04/01/98	NR																									0.61					
	10/01/98	NR																									0.71					
	04/01/99	NR																									0.58					
	10/1/99	NR																									0.61					
	05/01/00	NR																									0.56					
	10/01/00	NR																									0.6					
	05/01/01	NR																									0.56					
	10/11/01	NR																									0.39					
	2/5/02	NR			NA																			NA			0.6					
	02/05/02 Dup	NR			NA																			NA			0.6					
	05/22/02	NR			NA																			NA			0.49					
	05/22/02Dup	NR			NA																			NA			0.47 Q					
	08/20/02	NR																						NA			0.43 Q					
	12/4/02	NR																									0.53					
	04/22/03																										0.55 Q					
	10/21/03																										0.56					
	10/21/03 Dup																															
	4/27/04																															
	10/13/04									0.9																	0.84 Q					
	4/27/05																															
	10/25/05																															
	4/28/06																															
	11/1/06																															
	5/1/07																															

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

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

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

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

[redacted]

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

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

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

Sampling Point	Collection Date	Parameters																												
		Acetone[1]	Benzene	Bromomethane	2-Butanone (MEK)	sec-Butylbenzene	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	1,4-dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-dichloroethane	1,1-Dichloroethene	cis-1,2-dichloroethene	trans-1,2-Dichloroethene	1,2-dichloropropane	Ethylbenzene	Isopropylbenzene	Methylene chloride	MTBE	Tetrachloroethene	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
MW-108	10/18/93	NR																							11							
	4/13/94	NR																							2							
	5/8/96	NR														0.2 J									0.2 J							
	10/23/96	NR								0.85 J																						
	5/12/97	NR																														
	10/27/97	NR																														
	4/14/98	NR																														
	10/11/01	NR																			0.34L											
	05/21/2002*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/19/2002 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/02	NR																														
	10/14/04															1.2 Q											1.3 Q				0.67	
	4/27/05															1.0											0.7				0.3	
	8/3/05																										0.70 Q					
	10/25/05																															
	02/01/06																															
	4/28/06																															
	7/27/06									0.36 Q																						
	11/2/06																															
	2/1/07																															
	5/2/07																															
	8/14/07																															
P-108	10/25/93	NR																														
	10/25/93 Dup	NR																														
	4/13/94	NR																														
	4/13/94Dup	NR																														
	10/11/01	NR																			0.32L											
	2/5/02	NR			NA																			NA								
	5/21/02	NR			NA																			NA								
	10/14/04									0.45 Q																						
	1/28/05																															
	10/25/05																															
	7/27/06									0.75 Q																						
	8/14/07											2.7 Q																				

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-111	4/19/94	NR																														
	10/11/01	NR																			0.30L											
	05/21/2002*	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/19/02	NR																						NA								
	12/5/02	NR																														
	10/13/04																															
	10/26/05																															
	4/24/06																															
	8/8/07																															
P-111	4/19/94	NR																							2							
	10/11/01	NR																														
	2/5/02	NR			NA																			NA								
	5/22/02	NR			NA																			NA								
	8/19/02	NR																						NA								
	08/19/02 Dup	NR																						NA								
	12/5/02	NR																														
	12/05/02 Dup	NR																														
	4/22/03																															
	10/22/03																															
	4/28/04																															
	8/3/05																															
	7/27/06																															
	8/8/07																															

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-111D	4/4/02	NR														0.6									0.3						13	
	5/22/02	NR			NA											0.59 Q								NA							15	
	8/19/02	NR														0.37 Q								NA							12	
	12/5/02	NR														0.42 Q															11	
	4/23/03																														12	
	10/23/03																														9.1	
	5/11/04							1.4																							15	
	07/23/04																														14	
	10/13/04							1.9 Q																	1.6 Q						11	
	1/27/05																														8.8	
	4/26/05							3.7								0.87 Q															13	
	4/26/05 Dup							3.5																							13	
	8/3/05									2.9 Q						0.96 Q															10	
	10/26/05							3.1 Q								1.1 Q															10	
	10/26/2005 dup							2.7 Q								0.93 Q															10	
	02/01/06							4.2								0.89 Q															11	
	4/24/06							2.8 Q								1.3 Q															11	
	7/27/06									0.30 Q						1.2 Q															10	
	10/31/06							1.4 Q								1.3 Q															8.5	
	1/31/07							3.0Q								1.4Q															8.2	
	5/1/07							3.1Q								1.3Q															8.2	
	8/8/07							2.9 Q								1.5 Q															8.5	

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

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

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	Tetrachloroethane	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-113A	9/12/02	NR							0.37Q																1.0Q							
	12/3/02	NR																														
	4/23/03																								2.2							
	10/22/03																															
	5/11/04																															
	8/2/05																															
	7/27/06									0.84																						
	8/8/07																															
P-113B	09/11/2002[3]	NR							1										0.41Q						6.6							2.6
	12/3/02	NR																														
	4/23/03																															
	7/30/03																															
	10/22/03																															
	2/4/04																															
	5/11/04																															
	07/22/04																															
	10/14/04									0.49 Q																						
	1/27/05																															
	4/27/05																															
	8/2/05																															
	10/26/05									0.42 Q																						
	02/01/06																															
	4/24/06																															
	7/27/06									0.49 Q																						
	10/31/06																															
	1/31/07																															
	5/1/07																															
	8/8/07																															

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-114 (former Ehster well)	11/19/01	NR														0.93														7	
	2/5/02	NR														0.85														5.5	
	5/22/02	NR														1.2														6.2	
	8/21/02	NR														0.93														5.4	
	12/3/02	NR														1.3									0.40Q					6.3	
	4/23/03																													3.3	
	10/23/03															1.2														8.6	
	10/23/03 Dup															1.4														9.2	
	5/11/04															1.5 Q														10	
	07/22/04															1.4 Q														7.9	
	10/13/04									0.39 Q						1.7 Q														10	
	1/27/05																													3.5	
	4/26/05																													3.0	
	8/2/05															1.1 Q														6.1	
	10/26/05									0.84						1.3 Q														6.6	
	10/26/2005 dup									0.49						1.4 Q														6.9	
	01/31/06															1.3 Q														8.4	
	4/24/06															1.3 Q														7.6	
	4/24/2006 dup															1.3 Q														7.9	
	7/27/06									0.48 Q						1.6 Q														8.9	
	7/27/2006 dup									0.38 Q						1.6 Q														8.7	
	11/2/06															2.7 Q														13	
	11/02/2006 dup															2.7 Q														13	
	2/1/07															1.2Q					0.46Q									7.5	
	2/1/2007 dup															1.4Q														8.5	
	5/1/07															1.1Q														7.4	
	5/1/2007 dup															1.2Q														7.8	
	8/8/07															1.1 Q														6.7	
	8/8/2007 dup															1.2 Q														7.5	

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-115 (former Wiese well)	10/9/01	NR																													
	10/09/01 Dup	NR																													
	11/19/01	NR																													
	2/5/02	NR																													
	5/22/02	NR																													
	8/19/02	NR								0.20Q																					
	12/3/02	NR																													
	4/22/03																														
	7/30/03																														
	10/22/03																														
	2/4/04																														
	4/27/04																														
	10/14/04																													**0.33 Q**	
	1/27/05																														
	4/26/05																														
	8/2/05																													**0.34 Q**	
	10/26/05									0.24 Q																				**0.33 Q**	
	01/31/06																														
	4/24/06																													**0.62**	
	7/27/06																													**0.44 Q**	
	10/31/06																													**0.39Q**	
	2/1/07																													**0.50Q**	
	5/1/07																													**0.54Q**	
	8/14/07																													**0.62**	

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	Tetrachloroethane	Tetrahydrofuran	Toluene	1,2,4-Trichlorobenzene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
WDNR NR140	PAL	200	0.5	1	90	NE	NE	80	0.6	0.3	15	200	85	0.5	0.7	7	20	0.5	140	NE	0.5	12	0.5	10	200	14	0.5	NE	96		0.02	1000
	ES	1000	5	10	460	NE	NE	400	6	3	75	1000	850	5	7	70	100	5	700	NE	5	60	5	50	1000	70	5	NE	480		0.2	10000
P-116 (former Hadel well)	10/9/01	NR																													
	11/19/2001 [4]	NR																													
	2/5/02	NR																													
	5/22/02	NR																													
	8/19/02	NR																													
	08/19/02 Dup	NR																													
	12/3/02	NR																													
	12/03/02 Dup	NR																													
	4/22/03																														
	7/30/03																														
	10/22/03																														
	2/4/04																														
	5/11/04																														
	07/22/04																														
	10/14/04																														
	1/27/05																														
	4/26/05																														
	8/2/05																														
	10/26/05																														
	01/31/06																														
	01/31/06 Dup																														
	4/24/06																														
	7/27/06									0.35 Q																					
	10/31/06																														
	2/1/07																														
	5/1/07																														
	8/8/07																														

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

Results in µg/L

B = analyte found in method blank as well as sample
E = exceeds calibration range
J = estimated value
L = Lab Artifact
Q = Detected between LOD and LOQ
& = Laboratory control spike recovery not within control limits
NE = None Established
NA= Not Analyzed; no sample collected for analysis
NR = Value not reported by lab or not recorded during initial evaluation by GeoTrans

PAL = Preventive Action Limit
ES = Enforcement Standard
Underline indicates exceeds NR 140 PAL
Bolding indicates exceeds NR 140 ES
Blank = Sample Collected but No VOCs detected
Historical data for abandoned wells MW-105, P-105, P-109 and MW-110 can be found in reports prior to October 204

* Not sampled due to insufficient water for sample collection

[1] The reporting of acetone on an 8260B VOC scan varies with labs. Enchem, which began analyzing samples in April 2003, does report acetone. Acetone has appeared in several wells beginning in October 2003.

[2] MW-103 had low concentrations of isopropyl ether detected in October 1997 and February 2002. Acetone at 27 ppb was detected in April 2004. Carbon disulfide at 2.2Q ppb was detected in January 2007

[3] this sample had detections of bromodichloromethane at 0.59 ppb and dibromochloromethane at 0.35 ppb,

[4] this sample in P-116 had 0.18 ppb of 1,1,1-trichloroethane

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
Regularly Monitored Wells												
Baneck, Perry/Watkins	5/9/01	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	11/19/2001 [1]	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/5/02	NA	NA	ND	ND	ND	ND	ND	280	3.2	ND	280
	5/22/02	NA	NA	ND	ND	ND	ND	ND	300	ND	ND	290
	5/22/2002 Dup	NA	NA	ND	ND	ND	ND	ND	300	ND	ND	290
	8/19/02	ND	ND	ND	ND	ND	ND	ND	300	[3.0]	ND	290
	12/3/02	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	07/22/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/12/04	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/28/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/27/2005	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/2/05	ND	ND	ND	ND	0.071 QB	ND	ND	NA	NA	NA	NA
	10/26/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	01/31/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/28/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	7/27/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/31/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/8/2007 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	5/1/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/9/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Gaastra	5/9/01	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	11/19/2001 [1]	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/5/02	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	280
	5/22/02	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	270
	8/19/02	ND	ND	0.24Q	ND	ND	ND	ND	300	ND	ND	280
	12/3/02	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/22/2003 dup	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/22/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/12/04	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/27/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/27/2005	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/2/05	ND	ND	ND	ND	0.071 QB	ND	ND	ND	ND	ND	ND
	10/26/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	01/31/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/28/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	7/27/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/31/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/1/2007 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	5/1/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/9/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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
Rohde	10/9/01	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	11/19/2001 [1]	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/4/02	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	300
	5/22/02	NA	NA	ND	ND	ND	ND	ND	290	ND	ND	290
	8/20/02	ND	ND	ND	ND	ND	ND	ND	300	ND	ND	290
	4/22/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/23/03	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/22/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/12/04	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	1/28/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/27/2005	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/2/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/26/05	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/1/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	4/28/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	7/28/2006 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	10/31/06	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	2/8/2007 [1]	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	5/1/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	8/9/07	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

[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 event

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
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 O	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	[redacted]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

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	Napithalene	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
		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
	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

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

All concentrations are in parts per billion (ppb)

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

	Time	Date	CH_4	CO_2	O_2	N	Velocity	Extraction	Comments
			(%)	(%)	(%)	(%)	feet/min	CFM*	
Extraction Points			variable	variable	<5	<40			target percentages
GV-1	11:33	3/20/2006	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			
	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
		7/11/2007							vent closed
		7/23/2007							vent closed
		8/8/2007							vent closed
		8/13/2007							vent closed
		8/20/2007							vent closed
		8/28/2007							vent closed
		8/31/2007							vent closed
		9/4/2007							vent closed
		9/17/2007							vent closed
		9/29/2007							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			
	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
		9/4/2007							vent closed
		9/17/2007							vent closed
		9/29/2007							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			
	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	

	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			
	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
		7/11/2007							vent closed
		7/23/2007							vent closed
		8/8/2007							vent closed
		8/13/2007							vent closed
		8/20/2007							vent closed
		8/28/2007							vent closed
		8/31/2007							vent closed
		9/4/2007							vent closed
		9/17/2007							vent closed
		9/29/2007							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			
	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
		8/20/2007							vent closed
		8/28/2007							vent closed
		8/31/2007							vent closed
		9/4/2007							vent closed
		9/17/2007							vent closed
		9/29/2007							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			
	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
		9/4/2007							vent closed
		9/17/2007							vent closed
		9/29/2007							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
	11:34	5/30/2007	43.0	28.0	2.0	27.0	250	12	restart and run 2 4 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	

	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
	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	

	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
	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	

	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			
	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			

	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			

	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			

	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			

	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			

	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			

	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			

	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	8/2/2006	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			

	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			

	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			

	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			

	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			

	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			

	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			

	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			

Table 6. Landfill Gas Analytical Results

Sampling Point ID	Date	Benzene	Chlorobenzene	Chloroethane	Chloromethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	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-Trichloroethene	Trichloroethene	Tirchlorofluoromethane	1,1,2-Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
GP-1	9/29/04	31.2		208.0				2,980.0																					
	1/28/05				0.6																1.8								
GP-2	9/29/04	61.1	58.1	70.6	73.0			347.0				343.0	22.5	220.0					23.1				72.8					410.0	
	1/28/05							270.0				470.0		190.0						4,600									
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									
LC-1	9/29/04			9.1				70.8						9.5															
	1/28/05							553.0				1,080.0		178						10,400								130.0	
Pilot Test																													
GV-1 & GV-3	05/10/05											630.0								11,700	2,200.0							1,100.0	400.0
GV-2 & GV-4 & LC-3	05/11/05											2,200.0			320.0					11,400	2,500.0							2,900.0	890.0

Values in ppbv (parts per billion by volume)
Analyzed using EPA Method TO-14A
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Table 6. Landfill Gas Analytical Results

Sampling Point ID	Date	Benzene	Chlorobenzene	Chloroethane	Chloromethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	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	Tirchlorofluoromethane	1,1,2-Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
O&M																													
Leg 1	6/2/2006	76.4	102.0	26.6				42.8				14.5			469.0					56,600	259.0		17.7			91.4	76.3	116.0	972.0
Leg 2	6/2/2006	61.4	101.0									213.0			372.0					42,600	10,600.0					21.3	40.1		787.1
Leg 3	6/2/2006	136.0	27.2	121.0		15.9		26.5	22.6			18,100.0	45.9		333.0	27.1				20,500	5,980.0		108.0					17,700.0	873.0
GV-1	7/28/2006	117.0	21.8					83.6	40.9			3,660.0			65.1	28				12,000	434.0		94.5					10500.0	146.2
	11/2/2006	70.6	22.5	49.6				343				1,360.0	20.8	34.5	71.4	18.9				11,400	699.0		69.2	13.8				987.0	205.7
	2/23/2007	0.7													0.8					56	7.0				0.69				4.0
	5/30/2007	54.0		220				2300			450	300.0		220	68.0				16	15,200	59.0							530.0	166.0
GV-4	7/28/2006	90.3	66.3	97.5				3,300.0	15.5			16.2		843	264.0					16,700	107.0			105				332.0	521.8
	11/2/2006	46.9	59.8					401.0						51.6	237.0					15,800	337.0			65.5		18.1	17.5	30.9	531.4
	2/23/2007			15				273.0	36.1	5.2				37.5	3.1		4			2,110	9.5	62.3		25					6.5
	5/30/2007			180				190.0						93						5,100								92.0	
	8/9/2007	40.0	33.6	363				91.9	55.3					33.3	124.0					16,700	96.8								236.5
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
GV-7	7/28/2006	72.3	46.9			14.9		949.0				825.0			255.0	20				18,000	103.0		18.1					7,200.0	637.0
	11/2/2006	30.3	14.3	34.2				201.0				188.0		46.3	60.1					8,910	201.0							922.0	166.0
	2/23/2007	14.8	6.5	58.6				409.0	19			11.3		64.7	9.3		12.2			6,700	7.9	210		13.4				57.7	6.5
	5/30/2007	84.0	65.0	190				990.0	21			81.0		510	210.0					31,100	96.0						16	350.0	446.0
GV-9	7/28/2006	69.4	23.7					400.0				81.6			53.0					9,850	69.8			21				11,200.0	92.5
	11/2/2006							93.2				28.4		19.3														787.0	
	2/23/2007	9.5						157.0				407.0		31.9	14.0	8.1	17.4			5,770	32.9		11.1	10.9				449.0	26.9
	5/30/2007	56.0		190				1,100.0				440.0		270	44.0					26,900	110.0							1,500.0	127.0
	8/9/2007	31.4		86.2				148.0	16.3			108.0		97.5	34.2					13,900	37.1							267.0	54.0
GV-12	7/28/2006	31.0	45.7	77.4				433.0	45.7			249.0		36.1	151.0					13,400	196.0	42.5	26.4	86				65.8	333.8
	11/2/2006	16.0		47.3				182.0	22.2					23.3	35.0					5,080	274.0			72.3				54.6	72.5
	2/23/2007		0.7				2.1		7.7	0.91				5.1	2.1		1.7		5.9	1,400	5.7	10.5	1.3	75.7		1.7	1.1		8.2
	5/30/2007	41.0		340				120.0	23			170		130	95.0					16,100	47.0			44				210.0	177.0
	8/9/2007	34.7	74.7	518			15.9	81.6	111			15.8		68.4	236.0					19,200	90.8			38.1		37.4	27.1		449.8
LC-1	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
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
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	

Values in ppbv (parts per billion by volume)
Analyzed using EPA Method TO-14A
P:\Ripon_Landfill\Reports & Corresp\Status Reports to WDNR\2007\August 2007\Gas 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	Apr	Jul	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.

ATTACHMENT C

LABORATORY ANALYTICAL RESULTS

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 887364

Client: GEOTRANS, INC.
Lab Contact: Brian Basten
Project Name: FF/NN LANDFILL
Project Number: 1011.005.05

Lab Sample Number	Field ID	Matrix	Collection Date
887364-001	P-102	WATER	08/14/07 10:50
887364-002	MW-106	WATER	08/14/07 11:40
887364-003	P-104	WATER	08/14/07 12:40
887364-004	MW-108	WATER	08/14/07 14:00
887364-005	P-108	WATER	08/14/07 14:30
887364-006	P-115	WATER	08/14/07 15:30
887364-007	MW-112	WATER	08/14/07 16:10
887364-008	MW-112DUP	WATER	08/14/07 16:15
887364-009	P-103	WATER	08/14/07 17:20
887364-010	TRIP BLANK	WATER	08/14/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

ACCREDITED IN ACCORDANCE WITH nelac

Approval Signature

9-5-07
Date

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-102

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	6.94				1	su		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	400				1	umho/cm		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	822.63				1	ft		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	13.4				1	deg C		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 3:47 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-102

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-001

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 3:47 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 3:47 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	98	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	111	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-106

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.21				1	su		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	0				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	0				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	350				1	umho/cm		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	822.51				1	ft		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	12.4				1	deg C		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 4:11 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-106

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-002

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 4:11 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 4:11 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	98	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	112	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-104

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.02				1	su		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	987				1	umho/cm		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	822.27				1	ft		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.04				1	deg C		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 6:55 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-104

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-003

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 6:55 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 6:55 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	97	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	113	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-108

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	6.81				1	su		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	540				1	umho/cm		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	817.96				1	ft		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	10.9				1	deg C		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 4:34 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-108

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-004

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 4:34 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 4:34 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	98	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-108

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.33				1	su		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	410				1	umho/cm		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	821.45				1	ft		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.4				1	deg C		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 4:58 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	2.7	0.99	3.3		1	ug/L	Q	08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-108

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-005

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 4:58 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 4:58 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	97	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	110	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-115

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.44				1	su		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	582				1	umho/cm		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	818.38				1	ft		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	10.67				1	deg C		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 5:21 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client: GEOTRANS, INC.
Project Name: FF/NN LANDFILL
Project Number: 1011.005.05
Field ID: P-115

Matrix Type: WATER
Collection Date: 08/14/07
Report Date: 09/05/07
Lab Sample Number: 887364-006

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 5:21 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.62	0.18	0.60		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 5:21 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	96	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	112	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-112

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.01				1	su		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	0				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	480				1	umho/cm		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	819.39				1	ft		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.8				1	deg C		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 5:45 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Chlorobenzene	0.51	0.41	1.4		1	ug/L	Q	08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	4.4	0.83	2.8		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-112

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-007

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 5:45 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	1.8	0.18	0.60		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 5:45 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL						
4-Bromofluorobenzene	96	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	111	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-112DUP

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-008

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.01				1	su		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	0				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	480				1	umho/cm		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	819.39				1	ft		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.8				1	deg C		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 6:08 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Chlorobenzene	0.51	0.41	1.4		1	ug/L	Q	08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	4.9	0.83	2.8		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-112DUP

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-008

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 6:08 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	1.6	0.18	0.60		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 6:08 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	98	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	111	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-103

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-009

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.09				1	su		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	863				1	umho/cm		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	822.17				1	ft		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.41				1	deg C		08/14/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 6:32 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-103

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-009

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 6:32 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	1.4	0.18	0.60		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 6:32 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	98	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	114	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887364

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 08/14/07
Report Date : 09/05/07
Lab Sample Number : 887364-010

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 12:15 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.85	0.43	1.4		1	ug/L	Q	08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 12:15 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	99	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	887364-001	887364-002	887364-003	887364-004	887364-005	887364-006	887364-007	887364-008	887364-009	887364-010
FIELD NOTES										
VOLATILES - WI NR507 APP III LIST	G	G	G	G	G	G	G	G	G	G

Code	WI Certification
G	405132750

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 887364
Lab Section: VOA
QC Batch Number: 23940
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2291-03MB	vog2291-03MB
LCS	vog2291-03LCS	vog2291-03LCS
LCSD	vog2291-03LCSD	vog2291-03LCSD
MS	887362-005MS	887362-005MS
MSD	887362-005MSD	887362-005MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
P-102	887364-001	MB	MW-106	887364-002	MB
P-104	887364-003	MB	MW-108	887364-004	MB
P-108	887364-005	MB	P-115	887364-006	MB
MW-112	887364-007	MB	MW-112DUP	887364-008	MB
P-103	887364-009	MB	TRIP BLANK	887364-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
1,2-Dibromo-3-chloropropan	< 0.87	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dibromoethane	< 0.56	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dichlorobenzene	< 0.83	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,3-Dichlorobenzene	< 0.87	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,4-Dichlorobenzene	< 0.95	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Dibromomethane	< 0.6	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Dichlorodifluoromethane	< 0.99	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Fluorotrichloromethane	< 0.79	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Methyl-tert-butyl-ether	< 0.61	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Naphthalene	< 0.74	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Tetrahydrofuran	< 1.7	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,1,1-Trichloroethane	< 0.9	50.0	59.7	119		50.0	62.5	125		4.7		75	128	20	887362-005	< 0.9	50.0	60.4	121		50.0	59.4	119		1.7		70	130	30
1,1,2-Trichloroethane	< 0.42	50.0	53.6	107		50.0	54.8	110		2.3		75	125	20	887362-005	< 0.42	50.0	53	106		50.0	52.6	105		0.6		70	130	30
1,1-Dichloroethane	< 0.75	50.0	56.9	114		50.0	58.5	117		2.8		71	130	20	887362-005	< 0.75	50.0	57	114		50.0	55.3	111		3.0		70	130	30
1,1-Dichloroethene	< 0.57	50.0	57.6	115		50.0	61.1	122		5.9		75	125	20	887362-005	< 0.57	50.0	58.3	117		50.0	56.2	112		3.6		70	135	30
1,2-Dichloroethane	< 0.36	50.0	56.7	113		50.0	58.9	118		3.8		71	132	20	887362-005	< 0.36	50.0	55.9	112		50.0	55.8	112		0.2		70	130	30
1,2-Dichloropropane	< 0.46	50.0	55.5	111		50.0	56.8	114		2.2		73	125	20	887362-005	< 0.46	50.0	54.8	110		50.0	54.7	109		0.3		70	130	30
2-Butanone	< 4.3	50.0	51.2	102		50.0	52.9	106		3.1		59	130	20	887362-005	< 4.3	50.0	46.9	94		50.0	54.1	108		14.3		51	130	30
Acetone	< 2.3	50.0	50.5	101		50.0	53.5	107		5.7		31	150	20	887362-005	< 2.2	50.0	47.4	95		50.0	53.7	107		12.7		42	132	30
Benzene	< 0.41	50.0	55.2	110		50.0	58.3	117		5.5		75	125	20	887362-005	< 0.41	50.0	55.5	111		50.0	54.3	109		2.2		70	130	30
Bromodichloromethane	< 0.56	50.0	58	116		50.0	58	116		0.1		75	125	20	887362-005	< 0.56	50.0	55.8	112		50.0	58.1	112		0.5		70	130	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/5/2007
QC Batch Number: 23940

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/ LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/ MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bromoform	<	0.94	50.0	52.9	106		50.0	53.1	106		0.4			75	125	20	887362-005	<	0.94	50.0	51.2	102		50.0	52.4	105		2.3			70	130	30
Bromomethane	<	0.91	50.0	57	114		50.0	65.2	130	&	13.5			66	125	20	887362-005	<	0.91	50.0	62	124		50.0	62.5	125		0.8			63	147	30
Carbon Disulfide	<	0.66	50.0	57.9	116		50.0	60.6	121		4.6			71	128	20	887362-005	<	0.66	50.0	57.8	116		50.0	56	112		3.2			56	142	30
Carbon Tetrachloride	<	0.49	50.0	60.7	121		50.0	64.8	130	&	6.5			75	125	20	887362-005	<	0.49	50.0	60.2	120		50.0	60.1	120		0.2			70	131	30
Chlorobenzene	<	0.41	50.0	53.1	106		50.0	54.7	109		3.0			75	125	20	887362-005	<	0.41	50.0	52	104		50.0	51.9	104		0.3			70	130	30
Chlorodibromomethane	<	0.81	50.0	53.6	107		50.0	54.2	108		1.1			75	125	20	887362-005	<	0.81	50.0	50.4	101		50.0	51.7	103		2.6			70	130	30
Chloroethane	<	0.97	50.0	55.5	111		50.0	59.5	119		7.0			72	126	20	887362-005	<	0.97	50.0	56	112		50.0	55.8	112		0.3			67	138	30
Chloroform	<	0.37	50.0	54.6	109		50.0	57.1	114		4.3			75	125	20	887362-005	<	0.37	50.0	54.5	109		50.0	53.3	107		2.3			70	130	30
Chlo omethane	<	0.24	50.0	54.9	110		50.0	57.6	115		4.7			46	143	20	887362-005	<	0.24	50.0	53.3	107		50.0	52.4	105		1.6			43	150	30
ci -1,2-Dichloroethene	<	0.83	50.0	54.3	109		50.0	57.4	115		5.6			75	125	20	887362-005	<	0.83	50.0	54.8	110		50.0	53.1	106		3.2			70	130	30
cis-1,3-Dichloropropene	<	0.19	50.0	56.7	113		50.0	57.4	115		1.2			75	125	20	887362-005	<	0.19	50.0	54.8	110		50.0	56.4	113		2.8			70	130	30
Ethylbenzene	<	0.54	50.0	55.5	111		50.0	56.7	113		2.1			75	125	20	887362-005	<	0.54	50.0	54.9	110		50.0	54.6	109		0.5			70	136	30
Methylene Chloride	<	0.43	50.0	54.2	108		50.0	55.8	112		2.9			75	125	20	887362-005	<	0.43	50.0	54.5	109		50.0	55	110		0.8			70	130	30
Styrene	<	0.86	50.0	57.6	115		50.0	58.8	118		1.9			75	125	20	887362-005	<	0.86	50.0	56.8	114		50.0	56.2	112		1.1			70	130	30
Tetrachloroethene	<	0.45	50.0	55.8	112		50.0	56.5	113		1.3			75	130	20	887362-005	<	0.45	50.0	53.8	108		50.0	53.3	107		0.9			70	130	30
Toluene	<	0.67	50.0	55.9	112		50.0	56.5	113		1.1			75	125	20	887362-005	<	0.67	50.0	54.9	110		50.0	54.6	109		0.5			70	130	30
trans-1,2-Dichloroethene	<	0.89	50.0	59.9	120		50.0	61.3	123		2.2			75	125	20	887362-005	<	0.89	50.0	57.2	114		50.0	57	114		0.4			70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	58.1	116		50.0	58.8	118		1.2			75	125	20	887362-005	<	0.19	50.0	54.8	110		50.0	57	114		3.9			70	130	30
Trichloroethene	<	0.48	50.0	56.3	113		50.0	57	114		1.3			75	125	20	887362-005	<	0.48	50.0	55.1	110		50.0	53.6	107		2.8			70	130	30
Vinyl Chloride	<	0.18	50.0	55.5	111		50.0	58.8	118		5.9			65	130	20	887362-005	<	0.18	50.0	53.6	107		50.0	54.8	110		2.2			62	138	30
Xylene, Total	<	2.6	150.0	170.2	113		150.0	172.5	115		1.3			75	125	20	887362-005	<	2.6	150.0	168.1	112		150.0	165	110		1.8			70	130	30
4-Bromofluorobenzene		100%	—	—	104		—	—	102		—			64	132	—	887362-005		101%	—	—	106		—	—	103		—			64	132	—
Toluene-d8		102%	—	—	105		—	—	105		—			73	127	—	887362-005		104%	—	—	106		—	—	106		—			73	127	—
Dibromofluoromethane		108%	—	—	99		—	—	101		—			68	122	—	887362-005		104%	—	—	100		—	—	102		—			68	122	—

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/5/2007
QC Batch Number: 23940

Sample Condition Upon Receipt

Pace Analytical

Client Name: GEOTRANS Project # 887364

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace Other Dunham

Tracking #:

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

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

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

Cooler Temperature RoT Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining conten : 8/17/07 KW 8-17-07 cg

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: 8-17-07

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)

Pleasant Prairie

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

Page 1 of 1

028912

COC No.

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

Company Name:	GEOTRANS, INC.
Branch/Location:	BROOKFIELD
Project Contact:	MICHAEL NOEL
Phone:	(262) 792-1282
Project Number:	1011.005.05
Project Name:	FF/NN LANDFILL
Project State:	I.S.I.
Sampled By (Print):	TODD M. THOMSON
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	NELSON OLAVARRIA / MIKE NOEL
Mail To Company:	COOPER INDUSTRIES / GEOTRANS
Mail To Address:	HOUSTON, TX. / BROOKFIELD, WI.
Invoice To Contact:	NELSON OLAVARRIA, THEN PACE A/P
Invoice To Company:	COOPER INDUSTRIES
Invoice To Address:	HOUSTON, TX.
Invoice To Phone:	

FILTERED? (YES/NO): Y/N = N
PRESERVATION (CODE)*: Pick Letter = B

Analyses Requested: VOCs 8260

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	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	P-102	8-14	10:50	GW		3-40mL B	
002	MW-106	8-14	11:40			"	
003	P-104	8-14	12:40			"	
004	MW-108	8-14	14:00			"	
005	P-108	8-14	14:30			"	
006	P-115	8-14	15:30			"	
007	MW-112	8-14	16:10			"	
008	MW-112 DUP	8-14	16:15			"	
009	P-103	8-14	17:20	V		↓	
010	TRIP BLANK	—	—	DI	LAB PREPARED	2-40mL B	

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	8-15-07 08:00		8/16/07 1040
	8/16/07 1205	Dunham	8/16/07
Dunham	8/17/07 840		8/17/07 840

PACE Project No.: 887364
Receipt Temp = 2.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / ~~Not Present~~
Intact / Not Intact

Version 6.0 06/14/08

ORIGINAL

C019e(27-Jun2006)

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 887362

Client: GEOTRANS, INC.
Lab Contact: Brian Basten
Project Name: FF/NN LANDFILL
Project Number: 1011.005.05

Lab Sample Number	Field ID	Matrix	Collection Date
887362-001	MW-3A	WATER	08/08/07 11:35
887362-002	MW-3B	WATER	08/08/07 12:25
887362-003	P-111D	WATER	08/08/07 15:30
887362-004	P-111	WATER	08/08/07 16:10
887362-005	P-113B	WATER	08/08/07 18:00
887362-006	P-113A	WATER	08/08/07 18:55
887362-007	P-114	WATER	08/08/07 13:30
887362-008	P-114 DUP	WATER	08/08/07 13:35
887362-009	P-116	WATER	08/08/07 14:45
887362-010	MW-111	WATER	08/08/07 17:10
887362-011	ROHDE	WATER	08/09/07 17:45
887362-012	GAASTRA	WATER	08/09/07 18:30
887362-013	PERRY/WATKINS	WATER	08/09/07 19:10

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

ACCREDITED IN ACCORDANCE WITH nelac

Approval Signature

9-5-07
Date

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-3A

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.32				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	549				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS					1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	12.41				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 12:39 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-3A

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-001

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 12:39 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 12:39 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	102	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-3B

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.49				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	605				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS					1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	10.30				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 1:02 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-3B

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-002

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 1:02 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 1:02 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	98	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-111D

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.25				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	900				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	819.14				1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	10.91				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 1:26 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Chloroethane	2.9	0.97	3.2		1	ug/L	Q	08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	1.5	0.83	2.8		1	ug/L	Q	08/20/07 1:26 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-111D

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-003

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 1:26 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	8.5	0.18	0.60		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 1:26 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	97	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-111

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.46				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	580				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	816.95				1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.13				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 1:49 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-111

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-004

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 1:49 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 1:49 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	96	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	107	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-113B

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.28				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	618				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS					1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.05				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 11:52 AM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-113B

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-005

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 11:52 AM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 11:52 AM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	101	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	104	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-113A

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.37				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	544				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS					1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	13.29				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 7:19 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-113A

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-006

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 7:19 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 7:19 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	96	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	113	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-114

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.45				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	667				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	818.14				1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	10.95				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 2:13 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	1.1	0.83	2.8		1	ug/L	Q	08/20/07 2:13 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-114

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-007

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 2:13 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	6.7	0.18	0.60		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 2:13 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	99	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	104	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-114 DUP

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-008

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.45				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	667				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	818.14				1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	10.95				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 2:37 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	1.2	0.83	2.8		1	ug/L	Q	08/20/07 2:37 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-114 DUP

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-008

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 2:37 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	7.5	0.18	0.60		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 2:37 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	97	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-116

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-009

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.53				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	523				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	816.91				1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	12.13				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 3:00 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : P-116

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-009

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 3:00 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 3:00 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	96	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-111

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-010

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.45				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	0				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	0				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	920				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS	817.44				1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.4				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 3:23 PM Anl By: SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	&	08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	&	08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : MW-111

Matrix Type : WATER
Collection Date : 08/08/07
Report Date : 09/05/07
Lab Sample Number : 887362-010

VOLATILES - WI NR507 APP III LIST

Prep Date/Time: 08/20/07 3:23 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Tetrahydrofuran	< 1.7	1.7	5.7		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		08/20/07 3:23 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	96	64	132		1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127		1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	68	122		1	%		08/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : ROHDE

Matrix Type : WATER
Collection Date : 08/09/07
Report Date : 09/05/07
Lab Sample Number : 887362-011

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.03				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	532				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS					1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.7				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - SPECIAL LIST

Prep Date/Time: Anl By:

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
DW Volatile Organic Analysis	INCL.									

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : GAASTRA

Matrix Type : WATER
Collection Date : 08/09/07
Report Date : 09/05/07
Lab Sample Number : 887362-012

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.04				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	521				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS					1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	12.4				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - SPECIAL LIST

Prep Date/Time: Anl By:

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
DW Volatile Organic Analysis	INCL.									

Pace Analytical Services, Inc.

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

Analytical Report Number: 887362

Client : GEOTRANS, INC.
Project Name : FF/NN LANDFILL
Project Number : 1011.005.05
Field ID : PERRY/WATKINS

Matrix Type : WATER
Collection Date : 08/09/07
Report Date : 09/05/07
Lab Sample Number : 887362-013

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
pH, Field	7.71				1	su		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Color	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Odor	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Turbidity	N				1			08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Specific Conductance, Field	516				1	umho/cm		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Static Well Level (Elevation, MS					1	ft		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO
Well Temperature Field	11.2				1	deg C		08/08/07		FIELD NOTES
								Prep Date/Time:		Anl By: GEO

VOLATILES - SPECIAL LIST

Prep Date/Time: Anl By:

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
DW Volatile Organic Analysis	INCL.									

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	887362-001	887362-002	887362-003	887362-004	887362-005	887362-006	887362-007	887362-008	887362-009	887362-010	887362-011	887362-012	887362-013
FIELD NOTES													
VOLATILES - SPECIAL LIST											C	C	C
VOLATILES - WI NR507 APP III LIST	G	G	G	G	G	G	G	G	G	G			

Code	WI Certification
C	See Report
G	405132750

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 887362
Lab Section: VOA
QC Batch Number: 23940
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2291-03MB	vog2291-03MB
LCS	vog2291-03LCS	vog2291-03LCS
LCSD	vog2291-03LCSD	vog2291-03LCSD
MS	P-113BMS	887362-005MS
MSD	P-113BMSD	887362-005MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-3A	887362-001	MB	MW-3B	887362-002	MB
P-111D	887362-003	MB	P-111	887362-004	MB
P-113B	887362-005	MB	P-113A	887362-006	MB
P-114	887362-007	MB	P-114 DUP	887362-008	MB
P-116	887362-009	MB	MW-111	887362-010	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc		MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,2-Dibromo-3-chloropropan	<	0.87	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
1,2-Dibromoethane	<	0.56	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
1,2-Dichlorobenzene	<	0.83	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
1,3-Dichlorobenzene	<	0.87	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
1,4-Dichlorobenzene	<	0.95	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
Dibromomethane	<	0.6	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
Dichlorodifluoromethane	<	0.99	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
Fluorotrichloromethane	<	0.79	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
Methyl-tert-butyl-ether	<	0.61	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
Naphthalene	<	0.74	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
Tetrahydrofuran	<	1.7	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
1,1,1-Trichloroethane	<	0.9	50.0	59.7	119		50.0	62.5	125		4.7			75	128	20	887362-005	<	0.9	50.0	60.4	121		50.0	59.4	119		1.7			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	53.6	107		50.0	54.8	110		2.3			75	125	20	887362-005	<	0.42	50.0	53	106		50.0	52.6	105		0.6			70	130	30
1,1-Dichloroethane	<	0.75	50.0	56.9	114		50.0	58.5	117		2.8			71	130	20	887362-005	<	0.75	50.0	57	114		50.0	55.3	111		3.0			70	130	30
1,1-Dichloroethene	<	0.57	50.0	57.6	115		50.0	61.1	122		5.9			75	125	20	887362-005	<	0.57	50.0	58.3	117		50.0	56.2	112		3.6			70	135	30
1,2-Dichloroethane	<	0.36	50.0	56.7	113		50.0	58.9	118		3.8			71	132	20	887362-005	<	0.36	50.0	55.9	112		50.0	55.8	112		0.2			70	130	30
1,2-Dichloropropane	<	0.46	50.0	55.5	111		50.0	56.8	114		2.2			73	125	20	887362-005	<	0.46	50.0	54.8	110		50.0	54.7	109		0.3			70	130	30
2-Butanone	<	4.3	50.0	51.2	102		50.0	52.9	106		3.1			59	130	20	887362-005	<	4.3	50.0	46.9	94		50.0	54.1	108		14.3			51	130	30
Acetone	<	2.3	50.0	50.5	101		50.0	53.5	107		5.7			31	150	20	887362-005	<	2.2	50.0	47.4	95		50.0	53.7	107		12.7			42	132	30
Benzene	<	0.41	50.0	55.2	110		50.0	58.3	117		5.5			75	125	20	887362-005	<	0.41	50.0	55.5	111		50.0	54.3	109		2.2			70	130	30
Bromodichloromethane	<	0.56	50.0	58	116		50.0	58	116		0.1			75	125	20	887362-005	<	0.56	50.0	55.8	112		50.0	56.1	112		0.5			70	130	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/5/2007
QC Batch Number: 23940

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bromofor	<	0.94	50.0	52.9	106		50.0	53.1	106		0.4			75	125	20	887362-005	<	0.94	50.0	51.2	102		50.0	52.4	105		2.3			70	130	30
Bromomethane	<	0.91	50.0	57	114		50.0	65.2	130	&	13.5			66	125	20	887362-005	<	0.91	50.0	62	124		50.0	62.5	125		0.8			63	147	30
Carbon Disulfide	<	0.66	50.0	57.9	116		50.0	60.6	121		4.6			71	128	20	887362-005	<	0.66	50.0	57.8	116		50.0	56	112		3.2			56	142	30
Carbon Tetrachloride	<	0.49	50.0	60.7	121		50.0	64.8	130	&	6.5			75	125	20	887362-005	<	0.49	50.0	60.2	120		50.0	60.1	120		0.2			70	131	30
Chlorobenzene	<	0.41	50.0	53.1	106		50.0	54.7	109		3.0			75	125	20	887362-005	<	0.41	50.0	52	104		50.0	51.9	104		0.3			70	130	30
Chlorodibromomethane	<	0.81	50.0	53.6	107		50.0	54.2	108		1.1			75	125	20	887362-005	<	0.81	50.0	50.4	101		50.0	51.7	103		2.6			70	130	30
Chloroethane	<	0.97	50.0	55.5	111		50.0	59.5	119		7.0			72	126	20	887362-005	<	0.97	50.0	56	112		50.0	55.8	112		0.3			67	138	30
Chloroform	<	0.37	50.0	54.6	109		50.0	57.1	114		4.3			75	125	20	887362-005	<	0.37	50.0	54.5	109		50.0	53.3	107		2.3			70	130	30
Chloro ethane	<	0.24	50.0	54.9	110		50.0	57.6	115		4.7			46	143	20	887362-005	<	0.24	50.0	53.3	107		50.0	52.4	105		1.6			43	150	30
cis-1,2-Dichloroethene	<	0.83	50.0	54.3	109		50.0	57.4	115		5.6			75	125	20	887362-005	<	0.83	50.0	54.8	110		50.0	53.1	106		3.2			70	130	30
cis-1,3-Dichloropropene	<	0.19	50.0	56.7	113		50.0	57.4	115		1.2			75	125	20	887362-005	<	0.19	50.0	54.8	110		50.0	56.4	113		2.8			70	130	30
Ethylbenzene	<	0.54	50.0	55.5	111		50.0	56.7	113		2.1			75	125	20	887362-005	<	0.54	50.0	54.9	110		50.0	54.6	109		0.5			70	136	30
Methylene Chloride	<	0.43	50.0	54.2	108		50.0	55.8	112		2.9			75	125	20	887362-005	<	0.43	50.0	54.5	109		50.0	55	110		0.8			70	130	30
Styrene	<	0.86	50.0	57.6	115		50.0	58.8	118		1.9			75	125	20	887362-005	<	0.86	50.0	56.8	114		50.0	56.2	112		1.1			70	130	30
Tetrachloroethene	<	0.45	50.0	55.8	112		50.0	56.5	113		1.3			75	130	20	887362-005	<	0.45	50.0	53.8	108		50.0	53.3	107		0.9			70	130	30
Toluene	<	0.67	50.0	55.9	112		50.0	56.5	113		1.1			75	125	20	887362-005	<	0.67	50.0	54.9	110		50.0	54.6	109		0.5			70	130	30
trans-1,2-Dichloroethene	<	0.89	50.0	59.9	120		50.0	61.3	123		2.2			75	125	20	887362-005	<	0.89	50.0	57.2	114		50.0	57	114		0.4			70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	58.1	116		50.0	58.8	118		1.2			75	125	20	887362-005	<	0.19	50.0	54.8	110		50.0	57	114		3.9			70	130	30
Trichloroethene	<	0.48	50.0	56.3	113		50.0	57	114		1.3			75	125	20	887362-005	<	0.48	50.0	55.1	110		50.0	53.6	107		2.8			70	130	30
Vinyl Chloride	<	0.18	50.0	55.5	111		50.0	58.8	118		5.9			65	130	20	887362-005	<	0.18	50.0	53.6	107		50.0	54.8	110		2.2			62	138	30
Xylene, Total	<	2.6	150.0	170.2	113		150.0	172.5	115		1.3			75	125	20	887362-005	<	2.6	150.0	168.1	112		150.0	165	110		1.8			70	130	30
4-Bromofluorobenzene		100%	---	---	104		---	---	102		---			64	132	---	887362-005		101%	---	---	106		---	---	103		---			64	132	---
Toluene-d8		102%	---	---	105		---	---	105		---			73	127	---	887362-005		104%	---	---	106		---	---	106		---			73	127	---
Dibromofluoromethane		108%	---	---	99		---	---	101		---			68	122	---	887362-005		104%	---	---	100		---	---	102		---			68	122	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/5/2007

QC Batch Number: 23940

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: 08/23/07 Code: S

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

NLS Project: 110107
NLS Customer: 94575
Fax: 920 469 8827 Phone: 800 736 2436

Project: 887362

887362-011 NLS ID: 450811
Ref. Line COC 887362-011 Matrix: DW
Collected: 08/09/07 17:45 Received: 08/21/07

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					08/22/07	EPA 524.2	721026460

887362-012 NLS ID: 450812
Ref. Line COC 887362-012 Matrix: DW
Collected: 08/09/07 18:30 Received: 08/21/07

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					08/22/07	EPA 524.2	721026460

887362-013 NLS ID: 450813
Ref. Line COC 887362-013 Matrix: DW
Collected: 08/09/07 19:10 Received: 08/21/07

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					08/22/07	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: Stan Mytty

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: 110107**

Project Description: 887362

Project Title: **Template: SAT3PACE** **Printed: 08/23/2007 13:19**

Sample: 450811 887362-011 Collected: 08/09/07 Analyzed: 08/22/07 -

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: 110107**
Project Description: 887362
Project Title: **Template: SAT3PACE** **Printed: 08/23/2007 13:19**

Sample: 450811 887362-011 Collected: 08/09/07 Analyzed: 08/22/07 -

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)	113%						S
1,2-Dichlorobenzene - d4 (SURR)	102%						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: 110107**

Project Description: 887362

Project Title: **Template: SAT3PACE** **Printed: 08/23/2007 13:19**

Sample: 450812 887362-012 Collected: 08/09/07 Analyzed: 08/22/07 -

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		
rans-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: 110107**

Project Description: 887362

Project Title: **Template: SAT3PACE** **Printed: 08/23/2007 13:19**

Sample: 450812 887362-012 Collected: 08/09/07 Analyzed: 08/22/07 -

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)	106%						S
1,2-Dichlorobenzene - d4 (SURR)	103%						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: 110107**
Project Description: 887362
Project Title: **Template: SAT3PACE** **Printed: 08/23/2007 13:19**

Sample: 450813 887362-013 Collected: 08/09/07 Analyzed: 08/22/07 -

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: 110107**
Project Description: 887362
Project Title: **Template: SAT3PACE** **Printed: 08/23/2007 13:19**

Sample: 450813 887362-013 Collected: 08/09/07 Analyzed: 08/22/07 -

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)	105%						S
1,2-Dichlorobenzene - d4 (SURR)	100%						S

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: GEOTRANS Project # 887362

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

Tracking #: _____

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

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

Thermometer Used N/A Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature ROI Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 8/17/07 KW 8-17-07 cg

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 ecommendation.	☐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: #011, 012, & 013 requesting VOC's (524.2). Sent to NLS. cg 8/17/07

Project Manager Review: _____ **Date:** 8-17-07

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

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(Please Print Clearly)	
Company Name:	GeoTrans
Branch/Location:	Brookfield, WI
Project Contact:	Mike Noel
Phone:	262-792-1282
Project Number:	1011.005.05
Project Name:	FF/NN Landfill
Project State:	WI
Sampled By (Print):	Kevin Lincicum
Sampled By (Sign):	Kevin Lincicum
PO #:	
Regulatory Program:	

Pace Analytical®
www.pacelabs.com

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

CHAIN OF CUSTODY

COC No.

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

Quote #:	
Mail To Contact:	Nelson Olavarria/ Mike Noel
Mail To Company:	Cooper Industries/ GeoTrans
Mail To Address:	Houston, TX/ Brookfield, WI
Invoice To Contact:	Nelson Olavarria,thru PacePittsburgh
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, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = 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	FILTERED? (YES/NO) PRESERVATION (CODE)* Y/N	Pick Letter	Analyses Requested: VOC's (8260)	VOC's (524.2)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	B					
001	MW-3A	8/8/07	1135	GW		X				3-40 mL B	
002	MW-3B	8/8/07	1225	GW		X					
003	P-111D	8/8/07	1530	GW		X					
004	P-111	8/8/07	1610	GW		X					
005	P-113B	8/8/07	1800	GW		X					
006	P-113A	8/8/07	1855	GW		X					
007	P-114	8/9/07	1330	GW		X					
008	P-114 dup	8/9/07	1335	GW		X					
009	P-116	8/9/07	1445	GW		X					
010	MW-111	8/8/07	1710	GW		X					
011	ROHDE	8/9/07	1745	GW			X		need VC LOD at or below 0.2 ppb		
012	GAASTRA	8/9/07	1830	GW			X				
013	PERRY/WATKINS	8/9/07	1910	GW			X		trip blank included to be analyzed for voc's 8260		

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:
Kevin Lincicum	8/14/07 0800	D. Forniel	8/16/07 1040
D. Forniel	8/16/07 1205	Dunham	
Dunham	8/17/07 840	KJ Rochmes	8/17/07 840

PACE Project No.
887362

Receipt Temp = ROI °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

August 31, 2007

Mr. Nelson Olavarria
Cooper Industries
600 Travis
Suite 5800
Houston, TX 77002

Dear Mr. Olavarria:

Enclosed are analytical results for samples submitted to Pace Analytical by Cooper Industries. The samples were received on August 16, 2007. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 07-6404 when inquiring about this report.

Client Site: FF/NN Landfill
Client Ref.: Cooper Industries

Pace Sample Identification	Client Sample Identification
0708-2987	GV-9
0708-2988	LC-3
0708-2989	LC-2
0708-2990	GV-6

Pace Sample Identification	Client Sample Identification
0708-2991	GV-12
0708-2992	GV-4
0708-2993	LC-1
0708-2994	GP-3

General Comments: The samples were subcontracted to Pace Analytical Services, Inc., 1700 Elm Street, Suite 200, Minneapolis, MN 55414 for TO-14 analysis. Results of the analysis are reported on the Pace Analytical, Minnesota data tables. The samples were shipped directly to the subcontract lab.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Raelyn E. Sylvester
Project Manager

REC: rec

Enclosures

Page 1 of ____

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

August 31, 2007

Client Services
Pace Analytical Pittsburgh
5203 Triangle Lane
Export, PA 15632

RE: Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Dear Client Services:
Enclosed are the analytical results for sample(s) received by the laboratory on August 16, 2007. 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,

Seth Jacobson

seth.jacobson@pacelabs.com
Project Manager

Florida (Nelap) Certification #: E87605
Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

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1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1057223001	GV-9	Air	08/09/07 10:02	08/16/07 09:35
1057223002	LC-3	Air	08/09/07 10:07	08/16/07 09:35
1057223003	LC-2	Air	08/09/07 10:11	08/16/07 09:35
1057223004	GV-6	Air	08/09/07 10:15	08/16/07 09:35
1057223005	GV-12	Air	08/09/07 10:20	08/16/07 09:35
1057223006	GV-4	Air	08/09/07 10:26	08/16/07 09:35
1057223007	LC-1	Air	08/09/07 10:31	08/16/07 09:35
1057223008	GP-3	Air	08/09/07 10:45	08/16/07 09:35

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Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Lab ID	Sample ID	Method	Analytes Reported
1057223001	GV-9	TO-14 Ambient Air	40
1057223002	LC-3	TO-14 Ambient Air	40
1057223003	LC-2	TO-14 Ambient Air	40
1057223004	GV-6	TO-14 AmbientAir	40
1057223005	GV-12	TO-14 Ambient Air	40
1057223006	GV-4	TO-14 Ambient Air	40
1057223007	LC-1	TO-14 Ambient Air	40
1057223008	GP-3	TO-14 Ambient Air	40

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ANALYTICAL RESULTS

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Sample: GV-9 **Lab ID: 1057223001** Collected: 08/09/07 10:02 Received: 08/16/07 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSVAIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	**31.4**	ppbv	13.8	27.6		08/29/07 16:25	71-43-2	
Bromomethane	ND	ppbv	13.8	27.6		08/29/07 16:25	74-83-9	
Carbon tetrachloride	ND	ppbv	13.8	27.6		08/29/07 16:25	56-23-5	
Chlorobenzene	ND	ppbv	13.8	27.6		08/29/07 16:25	108-90-7	
Chloroethane	**86.2**	ppbv	13.8	27.6		08/29/07 16:25	75-00-3	
Chloroform	ND	ppbv	13.8	27.6		08/29/07 16:25	67-66-3	
Chloromethane	ND	ppbv	13.8	27.6		08/29/07 16:25	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	13.8	27.6		08/29/07 16:25	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 16:25	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 16:25	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 16:25	106-46-7	
Dichlorodifluoromethane	**148**	ppbv	13.8	27.6		08/29/07 16:25	75-71-8	
1,1-Dichloroethane	**16.3**	ppbv	13.8	27.6		08/29/07 16:25	75-34-3	
1,2-Dichloroethane	ND	ppbv	13.8	27.6		08/29/07 16:25	107-06-2	
1,1-Dichloroethene	ND	ppbv	13.8	27.6		08/29/07 16:25	75-35-4	
cis-1,2-Dichloroethene	**108**	ppbv	13.8	27.6		08/29/07 16:25	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	13.8	27.6		08/29/07 16:25	156-60-5	
1,2-Dichloropropane	ND	ppbv	13.8	27.6		08/29/07 16:25	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	13.8	27.6		08/29/07 16:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	13.8	27.6		08/29/07 16:25	10061-02-6	
Dichlorotetrafluoroethane	**97.5**	ppbv	13.8	27.6		08/29/07 16:25	76-14-2	
Ethylbenzene	**34.2**	ppbv	13.8	27.6		08/29/07 16:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	13.8	27.6		08/29/07 16:25	87-68-3	
Methylene Chloride	ND	ppbv	13.8	27.6		08/29/07 16:25	75-09-2	
Styrene	ND	ppbv	13.8	27.6		08/29/07 16:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	13.8	27.6		08/29/07 16:25	79-34-5	
Tetrachloroethene	ND	ppbv	13.8	27.6		08/29/07 16:25	127-18-4	
THC as Gas	**13900**	ppbv	552	27.6		08/29/07 16:25		
Toluene	**37.1**	ppbv	13.8	27.6		08/29/07 16:25	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 16:25	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	13.8	27.6		08/29/07 16:25	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	13.8	27.6		08/29/07 16:25	79-00-5	
Trichloroethene	ND	ppbv	13.8	27.6		08/29/07 16:25	79-01-6	
Trichlorofluoromethane	ND	ppbv	13.8	27.6		08/29/07 16:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	13.8	27.6		08/29/07 16:25	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	13.8	27.6		08/29/07 16:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	13.8	27.6		08/29/07 16:25	108-67-8	
Vinyl chloride	**267**	ppbv	13.8	27.6		08/29/07 16:25	75-01-4	
m&p-Xylene	**54.0**	ppbv	27.6	27.6		08/29/07 16:25	1330-20-7	
o-Xylene	ND	ppbv	13.8	27.6		08/29/07 16:25	95-47-6	

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ANALYTICAL RESULTS

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Sample: LC-3 **Lab ID: 1057223002** Collected: 08/09/07 10:07 Received: 08/16/07 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	**28.8**	ppbv	14.8	29.6		08/29/07 15:22	71-43-2	
Bromomethane	ND	ppbv	14.8	29.6		08/29/07 15:22	74-83-9	
Carbon tetrachloride	ND	ppbv	14.8	29.6		08/29/07 15:22	56-23-5	
Chlorobenzene	ND	ppbv	14.8	29.6		08/29/07 15:22	108-90-7	
Chloroethane	ND	ppbv	14.8	29.6		08/29/07 15:22	75-00-3	
Chloroform	ND	ppbv	14.8	29.6		08/29/07 15:22	67-66-3	
Chloromethane	ND	ppbv	14.8	29.6		08/29/07 15:22	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	14.8	29.6		08/29/07 15:22	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	14.8	29.6		08/29/07 15:22	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	14.8	29.6		08/29/07 15:22	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	14.8	29.6		08/29/07 15:22	106-46-7	
Dichlorodifluoromethane	**258**	ppbv	14.8	29.6		08/29/07 15:22	75-71-8	
1,1-Dichloroethane	ND	ppbv	14.8	29.6		08/29/07 15:22	75-34-3	
1,2-Dichloroethane	ND	ppbv	14.8	29.6		08/29/07 15:22	107-06-2	
1,1-Dichloroethene	**58.6**	ppbv	14.8	29.6		08/29/07 15:22	75-35-4	
cis-1,2-Dichloroethene	**4960**	ppbv	424	847.2		08/31/07 10:49	156-59-2	A3
trans-1,2-Dichloroethene	ND	ppbv	14.8	29.6		08/29/07 15:22	156-60-5	
1,2-Dichloropropane	ND	ppbv	14.8	29.6		08/29/07 15:22	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	14.8	29.6		08/29/07 15:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	14.8	29.6		08/29/07 15:22	10061-02-6	
Dichlorotetrafluoroethane	**25.9**	ppbv	14.8	29.6		08/29/07 15:22	76-14-2	
Ethylbenzene	ND	ppbv	14.8	29.6		08/29/07 15:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	14.8	29.6		08/29/07 15:22	87-68-3	
Methylene Chloride	**197**	ppbv	14.8	29.6		08/29/07 15:22	75-09-2	
Styrene	ND	ppbv	14.8	29.6		08/29/07 15:22	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	14.8	29.6		08/29/07 15:22	79-34-5	
Tetrachloroethene	ND	ppbv	14.8	29.6		08/29/07 15:22	127-18-4	
THC as Gas	**4630**	ppbv	592	29.6		08/29/07 15:22		
Toluene	**328**	ppbv	14.8	29.6		08/29/07 15:22	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	14.8	29.6		08/29/07 15:22	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	14.8	29.6		08/29/07 15:22	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	14.8	29.6		08/29/07 15:22	79-00-5	
Trichloroethene	**64.1**	ppbv	14.8	29.6		08/29/07 15:22	79-01-6	
Trichlorofluoromethane	**19.3**	ppbv	14.8	29.6		08/29/07 15:22	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	14.8	29.6		08/29/07 15:22	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	14.8	29.6		08/29/07 15:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	14.8	29.6		08/29/07 15:22	108-67-8	
Vinyl chloride	**4680**	ppbv	424	847.2		08/31/07 10:49	75-01-4	A3
m&p-Xylene	ND	ppbv	29.6	29.6		08/29/07 15:22	1330-20-7	
o-Xylene	ND	ppbv	14.8	29.6		08/29/07 15:22	95-47-6	

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ANALYTICAL RESULTS

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Sample: LC-2 **Lab ID: 1057223003** Collected: 08/09/07 10:11 Received: 08/16/07 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	**24.9**	ppbv	14.3	28.6		08/29/07 17:41	71-43-2	
Bromomethane	ND	ppbv	14.3	28.6		08/29/07 17:41	74-83-9	
Carbon tetrachloride	ND	ppbv	14.3	28.6		08/29/07 17:41	56-23-5	
Chlorobenzene	ND	ppbv	14.3	28.6		08/29/07 17:41	108-90-7	
Chloroethane	**75.9**	ppbv	14.3	28.6		08/29/07 17:41	75-00-3	
Chloroform	ND	ppbv	14.3	28.6		08/29/07 17:41	67-66-3	
Chloromethane	ND	ppbv	14.3	28.6		08/29/07 17:41	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	14.3	28.6		08/29/07 17:41	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	14.3	28.6		08/29/07 17:41	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	14.3	28.6		08/29/07 17:41	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	14.3	28.6		08/29/07 17:41	106-46-7	
Dichlorodifluoromethane	**75.6**	ppbv	14.3	28.6		08/29/07 17:41	75-71-8	
1,1-Dichloroethane	ND	ppbv	14.3	28.6		08/29/07 17:41	75-34-3	
1,2-Dichloroethane	ND	ppbv	14.3	28.6		08/29/07 17:41	107-06-2	
1,1-Dichloroethene	ND	ppbv	14.3	28.6		08/29/07 17:41	75-35-4	
cis-1,2-Dichloroethene	ND	ppbv	14.3	28.6		08/29/07 17:41	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	14.3	28.6		08/29/07 17:41	156-60-5	
1,2-Dichloropropane	ND	ppbv	14.3	28.6		08/29/07 17:41	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	14.3	28.6		08/29/07 17:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	14.3	28.6		08/29/07 17:41	10061-02-6	
Dichlorotetrafluoroethane	**40.6**	ppbv	14.3	28.6		08/29/07 17:41	76-14-2	
Ethylbenzene	**17.3**	ppbv	14.3	28.6		08/29/07 17:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	14.3	28.6		08/29/07 17:41	87-68-3	
Methylene Chloride	ND	ppbv	14.3	28.6		08/29/07 17:41	75-09-2	
Styrene	ND	ppbv	14.3	28.6		08/29/07 17:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	14.3	28.6		08/29/07 17:41	79-34-5	
Tetrachloroethene	ND	ppbv	14.3	28.6		08/29/07 17:41	127-18-4	
THC as Gas	**3580**	ppbv	572	28.6		08/29/07 17:41		
Toluene	**25.9**	ppbv	14.3	28.6		08/29/07 17:41	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	14.3	28.6		08/29/07 17:41	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	14.3	28.6		08/29/07 17:41	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	14.3	28.6		08/29/07 17:41	79-00-5	
Trichloroethene	ND	ppbv	14.3	28.6		08/29/07 17:41	79-01-6	
Trichlorofluoromethane	ND	ppbv	14.3	28.6		08/29/07 17:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	14.3	28.6		08/29/07 17:41	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	14.3	28.6		08/29/07 17:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	14.3	28.6		08/29/07 17:41	108-67-8	
Vinyl chloride	ND	ppbv	14.3	28.6		08/29/07 17:41	75-01-4	
m&p-Xylene	**38.0**	ppbv	28.6	28.6		08/29/07 17:41	1330-20-7	
o-Xylene	ND	ppbv	14.3	28.6		08/29/07 17:41	95-47-6	

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ANALYTICAL RESULTS

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Sample: GV-6 **Lab ID: 1057223004** Collected: 08/09/07 10:15 Received: 08/16/07 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	**75.8**	ppbv	13.8	27.6		08/29/07 16:56	71-43-2	
Bromomethane	ND	ppbv	13.8	27.6		08/29/07 16:56	74-83-9	
Carbon tetrachloride	ND	ppbv	13.8	27.6		08/29/07 16:56	56-23-5	
Chlorobenzene	**127**	ppbv	13.8	27.6		08/29/07 16:56	108-90-7	
Chloroethane	**255**	ppbv	13.8	27.6		08/29/07 16:56	75-00-3	
Chloroform	ND	ppbv	13.8	27.6		08/29/07 16:56	67-66-3	
Chloromethane	ND	ppbv	13.8	27.6		08/29/07 16:56	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	13.8	27.6		08/29/07 16:56	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 16:56	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 16:56	541-73-1	
1,4-Dichlorobenzene	**27.6**	ppbv	13.8	27.6		08/29/07 16:56	106-46-7	
Dichlorodifluoromethane	**119**	ppbv	13.8	27.6		08/29/07 16:56	75-71-8	
1,1-Dichloroethane	**35.0**	ppbv	13.8	27.6		08/29/07 16:56	75-34-3	
1,2-Dichloroethane	ND	ppbv	13.8	27.6		08/29/07 16:56	107-06-2	
1,1-Dichloroethene	ND	ppbv	13.8	27.6		08/29/07 16:56	75-35-4	
cis-1,2-Dichloroethene	**22.4**	ppbv	13.8	27.6		08/29/07 16:56	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	13.8	27.6		08/29/07 16:56	156-60-5	
1,2-Dichloropropane	ND	ppbv	13.8	27.6		08/29/07 16:56	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	13.8	27.6		08/29/07 16:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	13.8	27.6		08/29/07 16:56	10061-02-6	
Dichlorotetrafluoroethane	**72.5**	ppbv	13.8	27.6		08/29/07 16:56	76-14-2	
Ethylbenzene	**543**	ppbv	13.8	27.6		08/29/07 16:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	13.8	27.6		08/29/07 16:56	87-68-3	
Methylene Chloride	ND	ppbv	13.8	27.6		08/29/07 16:56	75-09-2	
Styrene	ND	ppbv	13.8	27.6		08/29/07 16:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	13.8	27.6		08/29/07 16:56	79-34-5	
Tetrachloroethene	ND	ppbv	13.8	27.6		08/29/07 16:56	127-18-4	
THC as Gas	**57300**	ppbv	552	27.6		08/29/07 16:56		E
Toluene	**84.6**	ppbv	13.8	27.6		08/29/07 16:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 16:56	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	13.8	27.6		08/29/07 16:56	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	13.8	27.6		08/29/07 16:56	79-00-5	
Trichloroethene	ND	ppbv	13.8	27.6		08/29/07 16:56	79-01-6	
Trichlorofluoromethane	ND	ppbv	13.8	27.6		08/29/07 16:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	13.8	27.6		08/29/07 16:56	76-13-1	
1,2,4-Trimethylbenzene	**98.9**	ppbv	13.8	27.6		08/29/07 16:56	95-63-6	
1,3,5-Trimethylbenzene	**88.0**	ppbv	13.8	27.6		08/29/07 16:56	108-67-8	
Vinyl chloride	**54.5**	ppbv	13.8	27.6		08/29/07 16:56	75-01-4	
m&p-Xylene	**982**	ppbv	27.6	27.6		08/29/07 16:56	1330-20-7	
o-Xylene	**141**	ppbv	13.8	27.6		08/29/07 16:56	95-47-6	

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ANALYTICAL RESULTS

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Sample: GV-12 **Lab ID: 1057223005** Collected: 08/09/07 10:20 Received: 08/16/07 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	**34.7**	ppbv	13.8	27.6		08/29/07 15:54	71-43-2	
Bromomethane	ND	ppbv	13.8	27.6		08/29/07 15:54	74-83-9	
Carbon tetrachloride	ND	ppbv	13.8	27.6		08/29/07 15:54	56-23-5	
Chlorobenzene	**74.7**	ppbv	13.8	27.6		08/29/07 15:54	108-90-7	
Chloroethane	**518**	ppbv	13.8	27.6		08/29/07 15:54	75-00-3	
Chloroform	ND	ppbv	13.8	27.6		08/29/07 15:54	67-66-3	
Chloromethane	ND	ppbv	13.8	27.6		08/29/07 15:54	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	13.8	27.6		08/29/07 15:54	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 15:54	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 15:54	541-73-1	
1,4-Dichlorobenzene	**15.9**	ppbv	13.8	27.6		08/29/07 15:54	106-46-7	
Dichlorodifluoromethane	**81.6**	ppbv	13.8	27.6		08/29/07 15:54	75-71-8	
1,1-Dichloroethane	**111**	ppbv	13.8	27.6		08/29/07 15:54	75-34-3	
1,2-Dichloroethane	ND	ppbv	13.8	27.6		08/29/07 15:54	107-06-2	
1,1-Dichloroethene	ND	ppbv	13.8	27.6		08/29/07 15:54	75-35-4	
cis-1,2-Dichloroethene	**15.8**	ppbv	13.8	27.6		08/29/07 15:54	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	13.8	27.6		08/29/07 15:54	156-60-5	
1,2-Dichloropropane	ND	ppbv	13.8	27.6		08/29/07 15:54	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	13.8	27.6		08/29/07 15:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	13.8	27.6		08/29/07 15:54	10061-02-6	
Dichlorotetrafluoroethane	**68.4**	ppbv	13.8	27.6		08/29/07 15:54	76-14-2	
Ethylbenzene	**236**	ppbv	13.8	27.6		08/29/07 15:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	13.8	27.6		08/29/07 15:54	87-68-3	
Methylene Chloride	ND	ppbv	13.8	27.6		08/29/07 15:54	75-09-2	
Styrene	ND	ppbv	13.8	27.6		08/29/07 15:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	13.8	27.6		08/29/07 15:54	79-34-5	
Tetrachloroethene	ND	ppbv	13.8	27.6		08/29/07 15:54	127-18-4	
THC as Gas	**19200**	ppbv	552	27.6		08/29/07 15:54		
Toluene	**90.8**	ppbv	13.8	27.6		08/29/07 15:54	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 15:54	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	13.8	27.6		08/29/07 15:54	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	13.8	27.6		08/29/07 15:54	79-00-5	
Trichloroethene	ND	ppbv	13.8	27.6		08/29/07 15:54	79-01-6	
Trichlorofluoromethane	**38.1**	ppbv	13.8	27.6		08/29/07 15:54	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	13.8	27.6		08/29/07 15:54	76-13-1	
1,2,4-Trimethylbenzene	**37.2**	ppbv	13.8	27.6		08/29/07 15:54	95-63-6	
1,3,5-Trimethylbenzene	**27.1**	ppbv	13.8	27.6		08/29/07 15:54	108-67-8	
Vinyl chloride	ND	ppbv	13.8	27.6		08/29/07 15:54	75-01-4	
m&p-Xylene	**404**	ppbv	27.6	27.6		08/29/07 15:54	1330-20-7	
o-Xylene	**45.8**	ppbv	13.8	27.6		08/29/07 15:54	95-47-6	

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ANALYTICAL RESULTS

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Sample: GV-4 **Lab ID: 1057223006** Collected: 08/09/07 10:26 Received: 08/16/07 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	**40.0**	ppbv	13.8	27.6		08/29/07 14:50	71-43-2	
Bromomethane	ND	ppbv	13.8	27.6		08/29/07 14:50	74-83-9	
Carbon tetrachloride	ND	ppbv	13.8	27.6		08/29/07 14:50	56-23-5	
Chlorobenzene	**33.6**	ppbv	13.8	27.6		08/29/07 14:50	108-90-7	
Chloroethane	**363**	ppbv	13.8	27.6		08/29/07 14:50	75-00-3	
Chloroform	ND	ppbv	13.8	27.6		08/29/07 14:50	67-66-3	
Chloromethane	ND	ppbv	13.8	27.6		08/29/07 14:50	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	13.8	27.6		08/29/07 14:50	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 14:50	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 14:50	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 14:50	106-46-7	
Dichlorodifluoromethane	**91.9**	ppbv	13.8	27.6		08/29/07 14:50	75-71-8	
1,1-Dichloroethane	**55.3**	ppbv	13.8	27.6		08/29/07 14:50	75-34-3	
1,2-Dichloroethane	ND	ppbv	13.8	27.6		08/29/07 14:50	107-06-2	
1,1-Dichloroethene	ND	ppbv	13.8	27.6		08/29/07 14:50	75-35-4	
cis-1,2-Dichloroethene	ND	ppbv	13.8	27.6		08/29/07 14:50	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	13.8	27.6		08/29/07 14:50	156-60-5	
1,2-Dichloropropane	ND	ppbv	13.8	27.6		08/29/07 14:50	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	13.8	27.6		08/29/07 14:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	13.8	27.6		08/29/07 14:50	10061-02-6	
Dichlorotetrafluoroethane	**33.3**	ppbv	13.8	27.6		08/29/07 14:50	76-14-2	
Ethylbenzene	**124**	ppbv	13.8	27.6		08/29/07 14:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	13.8	27.6		08/29/07 14:50	87-68-3	
Methylene Chloride	ND	ppbv	13.8	27.6		08/29/07 14:50	75-09-2	
Styrene	ND	ppbv	13.8	27.6		08/29/07 14:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	13.8	27.6		08/29/07 14:50	79-34-5	
Tetrachloroethene	ND	ppbv	13.8	27.6		08/29/07 14:50	127-18-4	
THC as Gas	**16700**	ppbv	552	27.6		08/29/07 14:50		
Toluene	**96.8**	ppbv	13.8	27.6		08/29/07 14:50	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	13.8	27.6		08/29/07 14:50	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	13.8	27.6		08/29/07 14:50	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	13.8	27.6		08/29/07 14:50	79-00-5	
Trichloroethene	ND	ppbv	13.8	27.6		08/29/07 14:50	79-01-6	
Trichlorofluoromethane	ND	ppbv	13.8	27.6		08/29/07 14:50	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	13.8	27.6		08/29/07 14:50	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	13.8	27.6		08/29/07 14:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	13.8	27.6		08/29/07 14:50	108-67-8	
Vinyl chloride	ND	ppbv	13.8	27.6		08/29/07 14:50	75-01-4	
m&p-Xylene	**209**	ppbv	27.6	27.6		08/29/07 14:50	1330-20-7	
o-Xylene	**27.5**	ppbv	13.8	27.6		08/29/07 14:50	95-47-6	

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ANALYTICAL RESULTS

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Sample: LC-1 **Lab ID: 1057223007** Collected: 08/09/07 10:31 Received: 08/16/07 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSV AIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	**76.4**	ppbv	15.4	30.8		08/29/07 18:12	71-43-2	
Bromomethane	ND	ppbv	15.4	30.8		08/29/07 18:12	74-83-9	
Carbon tetrachloride	ND	ppbv	15.4	30.8		08/29/07 18:12	56-23-5	
Chlorobenzene	**21.8**	ppbv	15.4	30.8		08/29/07 18:12	108-90-7	
Chloroethane	**108**	ppbv	15.4	30.8		08/29/07 18:12	75-00-3	
Chloroform	ND	ppbv	15.4	30.8		08/29/07 18:12	67-66-3	
Chloromethane	ND	ppbv	15.4	30.8		08/29/07 18:12	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	15.4	30.8		08/29/07 18:12	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	15.4	30.8		08/29/07 18:12	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	15.4	30.8		08/29/07 18:12	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	15.4	30.8		08/29/07 18:12	106-46-7	
Dichlorodifluoromethane	**118**	ppbv	15.4	30.8		08/29/07 18:12	75-71-8	
1,1-Dichloroethane	**17.4**	ppbv	15.4	30.8		08/29/07 18:12	75-34-3	
1,2-Dichloroethane	ND	ppbv	15.4	30.8		08/29/07 18:12	107-06-2	
1,1-Dichloroethene	ND	ppbv	15.4	30.8		08/29/07 18:12	75-35-4	
cis-1,2-Dichloroethene	ND	ppbv	15.4	30.8		08/29/07 18:12	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	15.4	30.8		08/29/07 18:12	156-60-5	
1,2-Dichloropropane	ND	ppbv	15.4	30.8		08/29/07 18:12	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	15.4	30.8		08/29/07 18:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	15.4	30.8		08/29/07 18:12	10061-02-6	
Dichlorotetrafluoroethane	**34.8**	ppbv	15.4	30.8		08/29/07 18:12	76-14-2	
Ethylbenzene	**216**	ppbv	15.4	30.8		08/29/07 18:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	15.4	30.8		08/29/07 18:12	87-68-3	
Methylene Chloride	**106**	ppbv	15.4	30.8		08/29/07 18:12	75-09-2	
Styrene	ND	ppbv	15.4	30.8		08/29/07 18:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	15.4	30.8		08/29/07 18:12	79-34-5	
Tetrachloroethene	ND	ppbv	15.4	30.8		08/29/07 18:12	127-18-4	
THC as Gas	**16800**	ppbv	616	30.8		08/29/07 18:12		
Toluene	**46.1**	ppbv	15.4	30.8		08/29/07 18:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	15.4	30.8		08/29/07 18:12	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	15.4	30.8		08/29/07 18:12	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	15.4	30.8		08/29/07 18:12	79-00-5	
Trichloroethene	ND	ppbv	15.4	30.8		08/29/07 18:12	79-01-6	
Trichlorofluoromethane	ND	ppbv	15.4	30.8		08/29/07 18:12	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	15.4	30.8		08/29/07 18:12	76-13-1	
1,2,4-Trimethylbenzene	**32.3**	ppbv	15.4	30.8		08/29/07 18:12	95-63-6	
1,3,5-Trimethylbenzene	**21.0**	ppbv	15.4	30.8		08/29/07 18:12	108-67-8	
Vinyl chloride	ND	ppbv	15.4	30.8		08/29/07 18:12	75-01-4	
m&p-Xylene	**426**	ppbv	30.8	30.8		08/29/07 18:12	1330-20-7	
o-Xylene	**63.8**	ppbv	15.4	30.8		08/29/07 18:12	95-47-6	

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ANALYTICAL RESULTS

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Sample: GP-3 **Lab ID: 1057223008** Collected: 08/09/07 10:45 Received: 08/16/07 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO14 MSVAIR - Ambient	Analytical Method: TO-14 Ambient Air							
Benzene	ND	ppbv	14.8	29.6		08/29/07 18:44	71-43-2	
Bromomethane	ND	ppbv	14.8	29.6		08/29/07 18:44	74-83-9	
Carbon tetrachloride	ND	ppbv	14.8	29.6		08/29/07 18:44	56-23-5	
Chlorobenzene	ND	ppbv	14.8	29.6		08/29/07 18:44	108-90-7	
Chloroethane	ND	ppbv	14.8	29.6		08/29/07 18:44	75-00-3	
Chloroform	ND	ppbv	14.8	29.6		08/29/07 18:44	67-66-3	
Chloromethane	ND	ppbv	14.8	29.6		08/29/07 18:44	74-87-3	
1,2-Dibromoethane (EDB)	ND	ppbv	14.8	29.6		08/29/07 18:44	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	14.8	29.6		08/29/07 18:44	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	14.8	29.6		08/29/07 18:44	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	14.8	29.6		08/29/07 18:44	106-46-7	
Dichlorodifluoromethane	ND	ppbv	14.8	29.6		08/29/07 18:44	75-71-8	D3
1,1-Dichloroethane	ND	ppbv	14.8	29.6		08/29/07 18:44	75-34-3	
1,2-Dichloroethane	ND	ppbv	14.8	29.6		08/29/07 18:44	107-06-2	
1,1-Dichloroethene	ND	ppbv	14.8	29.6		08/29/07 18:44	75-35-4	
cis-1,2-Dichloroethene	ND	ppbv	14.8	29.6		08/29/07 18:44	156-59-2	
trans-1,2-Dichloroethene	ND	ppbv	14.8	29.6		08/29/07 18:44	156-60-5	
1,2-Dichloropropane	ND	ppbv	14.8	29.6		08/29/07 18:44	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	14.8	29.6		08/29/07 18:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	14.8	29.6		08/29/07 18:44	10061-02-6	
Dichlorotetrafluoroethane	ND	ppbv	14.8	29.6		08/29/07 18:44	76-14-2	
Ethylbenzene	ND	ppbv	14.8	29.6		08/29/07 18:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ppbv	14.8	29.6		08/29/07 18:44	87-68-3	
Methylene Chloride	ND	ppbv	14.8	29.6		08/29/07 18:44	75-09-2	
Styrene	ND	ppbv	14.8	29.6		08/29/07 18:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	14.8	29.6		08/29/07 18:44	79-34-5	
Tetrachloroethene	ND	ppbv	14.8	29.6		08/29/07 18:44	127-18-4	
THC as Gas	**2770**	ppbv	592	29.6		08/29/07 18:44		
Toluene	ND	ppbv	14.8	29.6		08/29/07 18:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	14.8	29.6		08/29/07 18:44	120-82-1	
1,1,1-Trichloroethane	ND	ppbv	14.8	29.6		08/29/07 18:44	71-55-6	
1,1,2-Trichloroethane	ND	ppbv	14.8	29.6		08/29/07 18:44	79-00-5	
Trichloroethene	ND	ppbv	14.8	29.6		08/29/07 18:44	79-01-6	
Trichlorofluoromethane	ND	ppbv	14.8	29.6		08/29/07 18:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ppbv	14.8	29.6		08/29/07 18:44	76-13-1	
1,2,4-Trimethylbenzene	ND	ppbv	14.8	29.6		08/29/07 18:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	14.8	29.6		08/29/07 18:44	108-67-8	
Vinyl chloride	ND	ppbv	14.8	29.6		08/29/07 18:44	75-01-4	
m&p-Xylene	ND	ppbv	29.6	29.6		08/29/07 18:44	1330-20-7	
o-Xylene	ND	ppbv	14.8	29.6		08/29/07 18:44	95-47-6	

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QUALITY CONTROL DATA

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

QC Batch: AIR/5997 Analysis Method: TO-14 Ambient Air
QC Batch Method: TO-14 Ambient Air Analysis Description: TO14 MSV AIR - AMBIENT
Associated Lab Samples: 1057223001, 1057223002, 1057223003, 1057223004, 1057223005, 1057223006, 1057223007, 1057223008

METHOD BLANK: 381767
Associated Lab Samples: 1057223001, 1057223002, 1057223003, 1057223004, 1057223005, 1057223006, 1057223007, 1057223008

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

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Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

LABORATORY CONTROL SAMPLE: 381768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ppbv	10	10.6	106	61-137	
1,1,2,2-Tetrachloroethane	ppbv	10	10.6	106	61-136	
1,1,2-Trichloroethane	ppbv	10	10.5	105	64-129	
1,1,2-Trichlorotrifluoroethane	ppbv	10	9.0	90	54-140	
1,1-Dichloroethane	ppbv	10	9.4	94	50-150	
1,1-Dichloroethene	ppbv	10	10.1	101	60-136	
1,2,4-Trichlorobenzene	ppbv	10	13.5	135	50-150	
1,2,4-Trimethylbenzene	ppbv	10	12.0	120	59-143	
1,2-Dibromoethane (EDB)	ppbv	10	11.1	111	69-137	
1,2-Dichlorobenzene	ppbv	10	10.1	101	56-148	
1,2-Dichloroethane	ppbv	10	10.7	107	61-134	
1,2-Dichloropropane	ppbv	10	11.2	112	64-134	
1,3,5-Trimethylbenzene	ppbv	10	11.7	117	61-139	
1,3-Dichlorobenzene	ppbv	10	12.2	122	63-140	
1,4-Dichlorobenzene	ppbv	10	12.0	120	57-143	
Benzene	ppbv	10	10.3	103	59-135	
Bromomethane	ppbv	10	9.9	99	50-150	
Carbon tetrachloride	ppbv	10	10.9	109	54-141	
Chlorobenzene	ppbv	10	11.2	112	69-136	
Chloroethane	ppbv	10	9.9	99	64-137	
Chloroform	ppbv	10	10.2	102	50-150	
Chloromethane	ppbv	10	10.3	103	64-134	
cis-1,2-Dichloroethene	ppbv	10	10.1	101	62-135	
cis-1,3-Dichloropropene	ppbv	10	11.7	117	62-140	
Dichlorodifluoromethane	ppbv	10	10.5	105	60-133	
Dichlorotetrafluoroethane	ppbv	10	9.9	99	62-135	
Ethylbenzene	ppbv	10	11.5	115	65-136	
Hexachloro-1,3-butadiene	ppbv	10	14.2	142	50-150	
m&p-Xylene	ppbv	20	23.0	115	67-132	
Methylene Chloride	ppbv	10	9.5	95	60-134	
o-Xylene	ppbv	10	11.4	114	65-132	
Styrene	ppbv	10	11.2	112	66-144	
Tetrachloroethene	ppbv	10	10.9	109	68-133	
THC as Gas	ppbv	590	540	92	50-150	
Toluene	ppbv	10	10.9	109	61-135	
trans-1,2-Dichloroethene	ppbv	10	9.8	98	50-150	
trans-1,3-Dichloropropene	ppbv	10	11.2	112	66-140	
Trichloroethene	ppbv	10	10.8	108	67-132	
Trichlorofluoromethane	ppbv	10	10.2	102	57-140	
Vinyl chloride	ppbv	10	10.2	102	58-147	

SAMPLE DUPLICATE: 382341

Parameter	Units	1057223008 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ppbv	ND	ND	0	30	
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	0	30	
1,1,2-Trichloroethane	ppbv	ND	ND	0	30	

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QUALITY CONTROL DATA

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

SAMPLE DUPLICATE: 382341

Parameter	Units	1057223008 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,2-Trichlorotrifluoroethane	ppbv	ND	ND	0	30	
1,1-Dichloroethane	ppbv	ND	ND	0	30	
1,1-Dichloroethene	ppbv	ND	ND	0	30	
1,2,4-Trichlorobenzene	ppbv	ND	ND	0	30	
1,2,4-Trimethylbenzene	ppbv	ND	ND	0	30	
1,2-Dibromoethane (EDB)	ppbv	ND	ND	0	30	
1,2-Dichlorobenzene	ppbv	ND	ND	0	30	
1,2-Dichloroethane	ppbv	ND	ND	0	30	
1,2-Dichloropropane	ppbv	ND	ND	0	30	
1,3,5-Trimethylbenzene	ppbv	ND	ND	0	30	
1,3-Dichlorobenzene	ppbv	ND	10.5J	16	30	
1,4-Dichlorobenzene	ppbv	ND	ND	0	30	
Benzene	ppbv	ND	ND	0	30	
Bromomethane	ppbv	ND	ND	0	30	
Carbon tetrachloride	ppbv	ND	ND	0	30	
Chlorobenzene	ppbv	ND	ND	0	30	
Chloroethane	ppbv	ND	ND	0	30	
Chloroform	ppbv	ND	ND	0	30	
Chloromethane	ppbv	ND	ND	0	30	
cis-1,2-Dichloroethene	ppbv	ND	ND	0	30	
cis-1,3-Dichloropropene	ppbv	ND	ND	0	30	
Dichlorodifluoromethane	ppbv	ND	ND	0	30	
Dichlorotetrafluoroethane	ppbv	ND	ND	0	30	
Ethylbenzene	ppbv	ND	ND	0	30	
Hexachloro-1,3-butadiene	ppbv	ND	ND	0	30	
m&p-Xylene	ppbv	ND	ND	0	30	
Methylene Chloride	ppbv	ND	ND	0	30	
o-Xylene	ppbv	ND	ND	0	30	
Styrene	ppbv	ND	ND	0	30	
Tetrachloroethene	ppbv	ND	ND	0	30	
THC as Gas	ppbv	2770	2510	10	30	
Toluene	ppbv	ND	ND	0	30	
trans-1,2-Dichloroethene	ppbv	ND	ND	0	30	
trans-1,3-Dichloropropene	ppbv	ND	ND	0	30	
Trichloroethene	ppbv	ND	ND	0	30	
Trichlorofluoromethane	ppbv	ND	ND	0	30	
Vinyl chloride	ppbv	ND	ND	0	30	

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QUALIFIERS

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

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.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GEOTRANS 07-6404
Pace Project No.: 1057223

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1057223001	GV-9	TO-14 Ambient Air	AIR/5997		
1057223002	LC-3	TO-14 Ambient Air	AIR/5997		
1057223003	LC-2	TO-14 Ambient Air	AIR/5997		
1057223004	GV-6	TO-14 Ambient Air	AIR/5997		
1057223005	GV-12	TO-14 Ambient Air	AIR/5997		
1057223006	GV-4	TO-14 Ambient Air	AIR/5997		
1057223007	LC-1	TO-14 Ambient Air	AIR/5997		
1057223008	GP-3	TO-14 Ambient Air	AIR/5997		

ATTACHMENT D

GROUNDWATER SAMPLING FIELD FORMS

Field Water Quality Form

GeoTrans, Inc.

Project Name	FF/NN Landfill
Project Number	1011.005.05
Location	Ripon, WI
Samplers	Todd M. Thomson

Equipment Used: HANNA

WSP: HERON

Sample Point	P-102	MW-106	MW-108	P-108	MW-112
Water Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Date	8-14-07	8-14-07	8-14-07	8-14-07	8-14-07
Time Sampled	10:50	11:40	14:00	14:30	16:10 + 16:15
Depth to Water	20.36	56.39	27.29	24.16	55.16
Depth to Bottom	61.71	57.87	30.36	62.1	100.47
Purge Volume (gal)	20	3	4	20	5
Depth Sample Taken	40	57.8	30	40	59
Sampling Device	HANGING BAILER	HANGING BAILER	DEDICATED BAILER	HANGING BAILER	DEDICATED BAILER
Field Temp (C)	13.4	12.4	10.9	11.4	11.8
Spf Cond (uS/cm @ 25C)	0.40 MS	0.35 MS	0.54 MS	0.4 MS	0.48 MS
pH	6.94	7.21	6.81	7.33	7.01
Color	CLEAR	LIGHT BROWNISH ORANGE	CLEAR	CLEAR	CLEAR
Odor	NONE	NONE	NONE	NONE	EARTHY
Clarity	CLEAR	SLIGHTLY CLOUDY	CLEAR	CLEAR	CLEAR

Analyses Performed					
VOCs (40-mL glass, HCl, not filtered)	→	→	→	→	→
					DUPLICATE
Comments					
Lab Sent To	PACE/Enchem	→	→	→	→
Date Sent	8-15-07	→	→	→	→
Sampled by	Todd M. Thomson	→	→	→	→

FIELD WATER QUALITY FORM
FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project #	1011.005	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	Todd M. Thomson	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	P-104			P-115			P-103		
Water Type	Groundwater			Groundwater			Groundwater		
Date (month/day/year)	8-14-07			8-14-07			8-14-07		
Static Water Level (feet)	53.21			24.33			50.75		
Well Depth (feet)	93.44			179.54			83.02		
Pump Inlet Depth (feet)	91			179			81.5		
Start Purge Time(Military)	12:20			15:00			16:50		
End Purge Time (Military)	12:30			15:15			17:05		
Purge Volume (gallons)	3			2			2		
Sample Time (Military)	12:40			15:30			17:20		
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
Time (minutes)	1:00	2:00	3:00	1:00	2:00	3:00	8:00	9:00	10:00
Temperature (° C)	11.00	11.07	11.04	11.27	11.26	10.67	11.43	11.48	11.41
Specific Conductance @25° C (ms/cm)	2.982	2.978	2.987	2.582	2.582	2.582	0.864	0.863	0.863
Dissolved Oxygen (ppm)	1.96	1.83	1.92	0.56	0.48	0.43	0.89	0.78	0.70
pH	7.03	7.03	7.02	7.44	7.44	7.44	7.09	7.08	7.09
Dissolved Oxygen (% Sat.)	17.8	16.7	15.5	5.1	4.4	3.9	8.3	7.2	6.4
ORP (mV)	336	337	337	220	217	216	235	230	226
Color	CLEAR			CLEAR			CLEAR		
Odor	NONE			NONE			NONE		
Clarity	CLEAR			CLEAR			CLEAR		
LABORATORY SAMPLES									
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)								
NAME OF LABORATORY	PACE/En Chem			PACE/En Chem			PACE/En Chem		
DATE SENT TO LAB	8-15-07			8-15-07			8-15-07		
SAMPLER NAME	Todd M. Thomson								

Field Water Quality Form

GeoTrans, Inc.

Project Name FF/NN Landfill
Project Number 1011.003
Location Ripon, WI
Samplers Kevin Lindeman

Equipment Used
Hanna
YSI: Heron

Sample Point	MW-111	Rohde	Gaastra	Perry/Watkins	
Water Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Date	8/8/07	8/9/07	8/9/07	8/9/07	
Time Sampled	1710	1745	1830	1910	
Depth to Water	39.02	—	—	—	
Depth to Bottom	44.2	—	—	—	
Purge Volume (gal)	3	100 gal	100 gal	100 gal	
Depth Sample Taken	43	—	—	—	
Sampling Device	ded bailer	spigot	spigot		
Field Temp (C)	11.4	11.7	12.4	11.2	
Spf Cond (uS/cm @ 25C)	930	532	521	516	
pH	7.45	7.03	7.04	7.71	
Color	tan	clear	clear	clear	
Odor	none	none	none	none	
Clarity	Cloudy	Clear	clear	clear	

Analyses Performed					
VOCs (40-mL glass, HCl, not filtered)	—	—	—	—	→
Comments					
Lab Sent To	PACE/Enchem	—	—	—	→
Date Sent	8-15-07	—	—	—	→
Sampled by	Kevin Lindeman	—	—	—	→

FIELD WATER QUALITY FORM
FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project #	1011.003	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	Kevin Lindgren	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	P-111	P-113B ~~MW-11~~	P-113A
Water-Type	Groundwater	Groundwater	Groundwater
Date (month/day/year)	8/8/07	8/8/07	8/8/07
Static Water Level (feet)	39.18	14.84	14.96
Well Depth (feet)	81.54	198.9	325.31
Pump Inlet Depth (feet)	81	198	324
Start Purge Time(Military)	1540	1730	1815
End Purge Time (Military)	1600	1750	1845
Purge Volume (gallons)	1 gal	1 gal	1 gal
Sample Time (Military)	1610	1800	1855

INDICATOR PARAMETERS	P-111 1st	P-111 2nd	P-111 3rd	P-113B 1st	P-113B 2nd	P-113B 3rd	P-113A 1st	P-113A 2nd	P-113A 3rd
Time (minutes)	6	7	8	10	11	12	18	20	22
Temperature (°C)	11.18	11.20	11.13	11.08	11.03	11.05	13.33	13.33	13.29
Specific Conductance @25° C (ms/cm)	0.580	0.571	0.580	0.617	0.616	0.618	0.546	0.545	0.544
Dissolved Oxygen (ppm)	0.42	0.37	0.35	0.30	0.28	0.28	0.44	0.53	0.57
pH	7.48	7.46	7.46	7.27	7.28	7.28	7.53	7.39	7.37
Dissolved Oxygen (% Sat.)	3.8	3.4	3.2	2.7	2.6	2.5	4.2	5.0	5.4
ORP (mV)	118	118	118	113	112	110	-136	-142	-140
Color	clear			clear			clear		
Odor	none			none			none		
Clarity	clear			clear			clear		

LABORATORY SAMPLES			
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)		
		P-113B	
NAME OF LABORATORY	PACE/En Chem	PACE/En Chem	PACE/En Chem
DATE SENT TO LAB	8-15-07	8-15-07	8-15-07
SAMPLER NAME	Kevin Lindgren		

MW-111 39.02

FIELD WATER QUALITY FORM FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project#	1011.005.05	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	KEVIN LINDAUER	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	MW-3A			MW-3B			P-111D		
Water Type	Groundwater			Groundwater			Groundwater		
Date (month/day/year)	8/8/07			8/8/07			8/8/07		
Static Water Level (feet)	31.09			30.80			36.35		
Well Depth (feet)	280.1			185.72			151		
Pump Inlet Depth (feet)	280			185			151		
Start Purge Time(Military)	1105			1150			1500		
End Purge Time (Military)	1125			1215			1520		
Purge Volume (gallons)	1 gal			2 gal			2 gal		
Sample Time (Military)	1135			1225			1530		
INDICATOR PARAMETERS	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
Time (minutes)	9	10	11	7	8	9	9	10	11
Temperature (° C)	12.49	12.44	12.41	10.38	10.36	10.30	10.90	10.82	10.91
Specific Conductance @25° C (ms/cm)	0.549	0.549	0.549	0.615	0.608	0.605	0.900	0.90	0.900
Dissolved Oxygen (ppm)	0.85	0.79	0.74	0.48	0.49	0.43	0.65	0.60	0.55
pH	7.32	7.33	7.32	7.44	7.43	7.49	7.25	7.25	7.25
Dissolved Oxygen (% Sat.)	8.0	7.5	7.0	4.3	4.4	3.8	5.9	5.5	5.0
ORP (mV)	-134	-139	-144	-240	-237	-233	62	58	55
Color	clear			clear			clear		
Odor	none			none			none		
Clarity	clear			clear			clear		
LABORATORY SAMPLES									
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)								
NAME OF LABORATORY	PACE/En Chem			PACE/En Chem			PACE/En Chem		
DATE SENT TO LAB	8-15-07			8-15-07			8-15-07		
SAMPLER NAME	KEVIN LINDAUER								

90 53/7 90 30/30

FIELD WATER QUALITY FORM FOR QED-LOW-FLOW PUMPS

GeoTrans, Inc.

PROJECT INFORMATION		INSTRUMENTS	
Project	FF/NN Landfill	Temp. & pH	QED MP20 Flow Cell Meter
Project #	1011.003	Conductivity	QED MP20 Flow Cell Meter
Location	Ripon, Wisconsin	ORP	QED MP20 Flow Cell Meter
Personnel	Kevin Lindgren	DO	QED MP20 Flow Cell Meter

MONITOR WELL ID	P-114			P-116					
Water Type	Groundwater			Groundwater			Groundwater		
Date (month/day/year)	8/9/07			8/9/07					
Static Water Level (feet)	21.21			28.43					
Well Depth (feet)	181.72			163.19					
Pump Inlet Depth (feet)	181			163					
Start Purge Time(Military)	1305			1400					
End Purge Time (Military)	1320			1435					
Purge Volume (gallons)	1 gal			1 gal					
Sample Time (Military)	1330/1335			1445					
INDICATOR PARAMETERS	**1st**	**2nd**	**3rd**	**1st**	**2nd**	**3rd**	**1st**	**2nd**	**3rd**
Time (minutes)	5	6	7	12	14	16			
Temperature (°C)	11.02	11.02	10.95	12.06	12.08	12.13			
Specific Conductance @25° C (mS/cm)	0.674	0.670	0.667	0.522	0.522	0.523			
Dissolved Oxygen (ppm)	0.40	0.36	0.34	0.60	0.49	0.42			
pH	7.46	7.45	7.45	7.52	7.53	7.53			
Dissolved Oxygen (% Sat.)	3.6	3.3	3.1	5.6	4.6	3.9			
ORP (mV)	201	201	202	199	201	202			
Color	clear			clear					
Odor	None			None					
Clarity	clear			clear					
LABORATORY SAMPLES									
VOCs	(three 40-mL glass vials, lab added HCl, not filtered)								
	took dup								
NAME OF LABORATORY	PACE/En Chem			PACE/En Chem			PACE/En Chem		
DATE SENT TO LAB	8-15-07			8-15-07					
SAMPLER NAME	Kevin Lindgren			→					

DATE: 8-14-07

WATER LEVEL DATA

OBJECT: FF/NN LANDFILL
PROJECT #: 1011.005.05
LOCATION: RIPON, WI.

WELL:	TIME (MILITARY)	MEASURING INSTRUMENT	FIELD MEASUREMENT & SURVEY DATA: TOP OF PVC CASING ELEV. (ft. msl)	MEASURED DEPTH BELOW TOP PVC CASING (ft.)	WATER ELEVATION (ft. msl)	MEASURED BY	COMMENTS
MW-102	09:25	Heron			20.50	TmT	
P-102	09:30				20.36		
MW-106	11:00				56.39		
P-106	11:05				56.47		
MW-101	11:55				62.58		
P-101	11:50				63.08		
MW-104	12:10				53.09		
P-104	12:05				53.24		
MW-108	13:05				27.29		
P-108	13:00				24.16		
MW-103	16:30				51.97		
P-103	16:35				50.75		
P-103D	16:40				51.58		
MW-112	15:35				55.16		
P-115	14:50				24.33		
	~~8/8/07~~	V				V	
P-113B	8/8/07	Heron			14.84		
P-113A	8/8/07				14.96		
P-107D	8/8/07				53.19		
P-107	8/8/07				52.37		
MW-107	8/8/07				52.81		
MW-3A	8/8/07				31.09		
MW-3B	8/8/07	V			30.80		

GeoTrans, Inc.

ATTACHMENT E

LANDFILL GAS EXTRACTION SYSTEM MONITORING FIELD FORMS

GeoTrans, Inc.

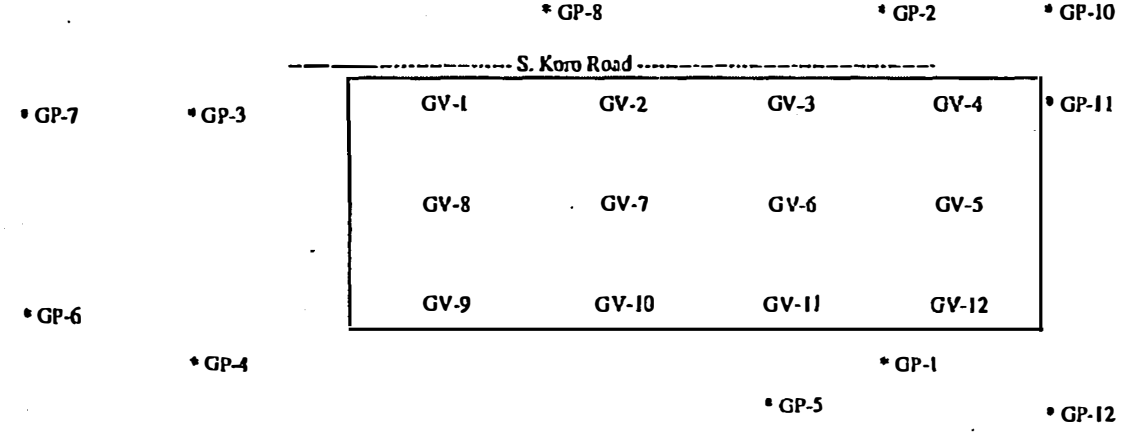
GAS PROBE DATA

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

Barometric Pressure: 28.9" Hg
Temperature (ambient): 76 F
Measuring Device: Eagle

* LEL

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
7.11.07	1310	Background	1	0.0	20.9	0	0.5	
1	1430	LC-1	11.5	21.4	2.0	1730	< 0	
	1350	LC-2	38.0	25.8	1.5	785	< 0	
	1320	LC-3	14.0	19.2	3.3	858	< 0	
		GV-1						closed
	1440	GV-4	10.5	23.0	0.4	33	1.0	
	1420	GV-6	14.0	20.2	3.1	118	1.0	
		GV-7						closed
	1340	GV-9	7.0	16.8	4.7	104	1.0	
	1410	GV-12	77 *	20.2	0.5	73	1.0	
↓	1400	GP-1	80 *	8.4	8.3	—	0.5	



GeoTrans, Inc.

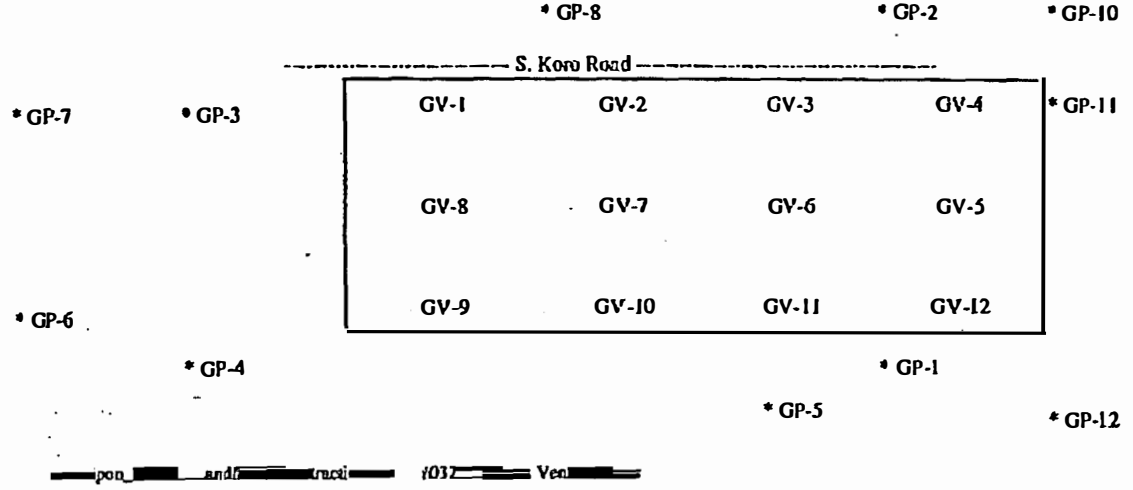
GAS PROBE DATA

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

Barometric Pressure: 29.2 Hg
Temperature (ambient): 85 F
Measuring Device: Eagle

LEL *

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
7.23.07	1300	Background	0	0.0	20.9	0	0.5	
	1400	LC-1	12.0	21.8	2.0	902	<0	
	1330	LC-2	38.5	26.6	1.4	1024	<0	
	1310	LC-3	13.0	19.0	3.4	1033	<0	
		GV-1						Value Closed
	1408	GV-4	12.5	23.6	0.4	85	1.0	
	1420	GV-6	15.0	21.0	3.3	98	1.0	
		GV-7						Value Closed
	1320	GV-9	7.5	17.4	4.6	120	1.0	
	1345	GV-12	89 *	20.8	0.3	61	1.0	
↓	1435	GP-1	8.5	13.8	2.0	—	0.5	



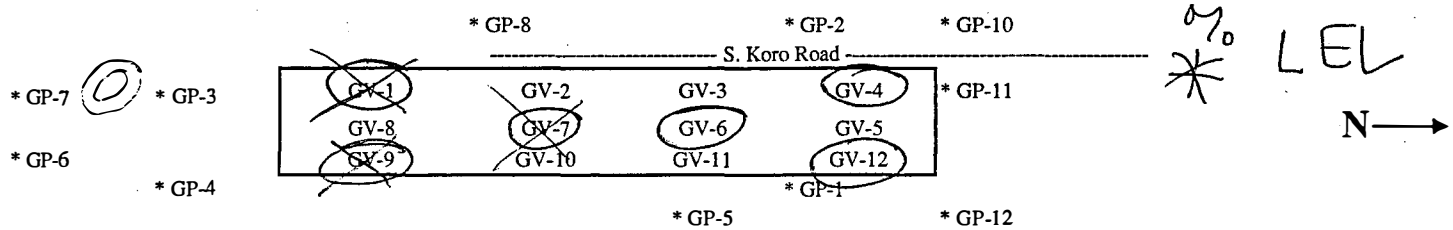
GeoTrans, Inc.

GAS PROBE DATA

Project: FF/NN Landfill
Location: Ripon, Wisconsin
Personnel: KFL

Barometric Pressure: _____ Hg
Temperature (ambient): 85 F
Measuring Device: RKI Eagle

Date	Time	Measurement Point	% Methane Peak	% Methane Stable	% CO_2	% O_2	Comments
8/8/07	~~1400~~	Background	0.0	0.0	0.0	20.8	
	1407	LC-1	—	12.0	21.6	2.2	
	1417	LC-2	—	38.5	27.8	1.2	
	1404	LC-3	—	13.0	19.4	3.4	
		~~MW-101~~					
		~~MW-102~~					
		~~MW-103~~					
		~~MW-104~~					
		~~MW-112~~					
	1400	GV-1	—	—	—	—	off
		~~GV-2~~					
		~~GV-3~~					
	1406	GV-4	~~13.0~~	13.0	24.0	0.4	
		~~GV-5~~					
	1410	GV-6	—	14.0	20.2	3.8	
	1408	GV-7	—	off			
		~~GV-8~~					
	1415	~~GV-9~~ GV-9	—	7.5	~~5.0~~ 17.2	5.0	
		~~GV-10~~					
		~~GV-11~~					
	1421	GV-12	—	97*	21.6	0.1	
	1425	GP-1	—	9.5	14.8	2.4	
		~~GP-2~~					
		~~GP-3~~					
		~~GP-4~~					
		~~GP-5~~					
		~~GP-6~~					
		~~GP-7~~					
		~~GP-8~~					
		~~GP-10~~					
		~~GP-11~~					
		~~GP-12~~					



GV1 & GV7 - GV9

GeoTrans, Inc.

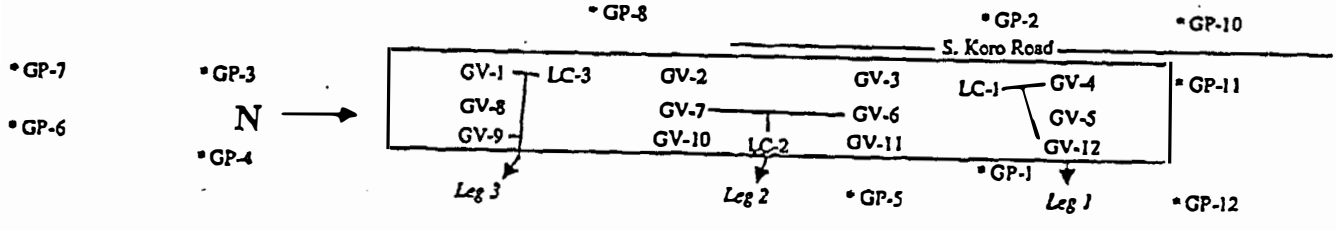
GAS PROBE DATA

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

Barometric Pressure: 29.1 Hg
Temperature (ambient): 84 F
Measuring Device: Eagle

* LEL

Date	Time	Measurement Point	% CH_4	% CO_2	% O_2	Ft/min Vel.	in H_2O Pressure	Comments
8.13.07	10:40	Background	1 *	0.0	20.9	0	0.5	
	1330	LC-1	13.5	22.8	2.2	740	1.5+	
	1400	LC-2	38.5	28.2	1.5	1077	1.5+	
	1350	LC-3	14.0	21.6	2.1	1315	1.5+	
	1130	MW-101	0 *	0.0	20.9			
	1142	MW-102	0 *	2.8	16.6			
	1105	MW-103	0 *	0.0	20.9			
	1205	MW-104	0 *	0.0	20.9			
		GV-1						
	1340	GV-4	10.0	23.4	0.9	79	1.0	
	1315	GV-6	12.0	18.6	5.1	41	1.0	
		GV-7						
		GV-9						
	1135	~~GV-12~~ GP-12	0 *	2.6	18.3	81	1.0	
	1145	GP-1	6.5	12.4	5.6	—	0.5	
	1120	GP-2	0 *	0.4	20.5			
	1100	GP-3	0 *	0.0	20.9			
	1105	GP-4	0 *	0.6	20.6			
	1139	GP-5	0 *	8.4	11.8			
	1054	GP-6	1 *	2.6	18.5			
	1050	GP-7	1 *	1.4	19.3			
	1110	GP-8	0 *	1.0	19.8			
	1124	GP-10	0 *	1.0	19.4			
	1127	GP-11	0 *	2.2	18.8			
	1300	~~GP-12~~ GV-12	81 *	21.6	0.0			
	1147	Leg 1	10.5	22.2	1.8			
	1149	Leg 2	18.0	15.8	9.0			
	1152	Leg3	12.5	20.4	3.1			
↓	1155	Exhaust	13.5	20.2	4.1			



GeoTrans, Inc.

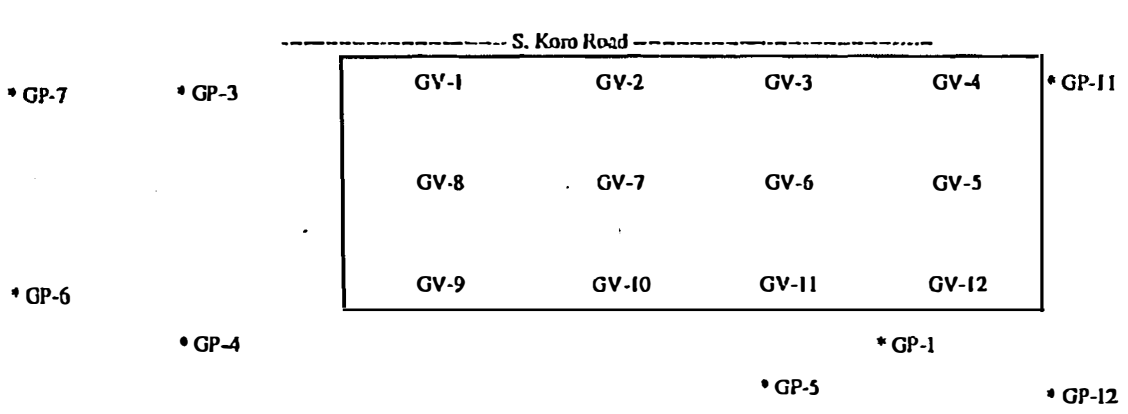
GAS PROBE DATA

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

Barometric Pressure: 28.9 Hg
Temperature (ambient): ____ F
Measuring Device: Eagle

LEL *

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
8-14-07	1400	Background	1	0.0	20.9			
		LC-1						
		LC-2						
		LC-3						
		GV-1						
	✓	GV-4						
✓	✓	GV-6	10.5	16.8	5.9			
		GV-7						
		GV-9						
✓	✓	GV-12	60 *	19.8	2.1			
		GP-1						



GeoTrans, Inc.

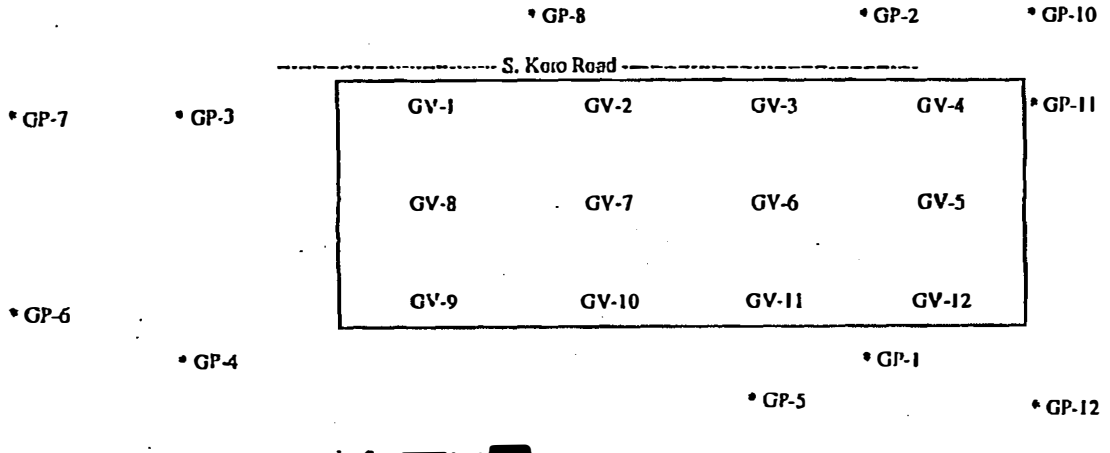
GAS PROBE DATA

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

Barometric Pressure: 28.9 Hg
Temperature (ambient): 62-° F
Measuring Device: Eagle

LEL *

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
8.2007	1305	Background	1	0.0	20.9	0	0.5	
	1410	LC-1	10.0	21.4	2.8	1425	<0	
	1320	LC-2	34.5	25.2	3.1	852	15+	
	1310	LC-3	11.8	19.8	2.7	945	<0	
		GV-1						
	1350	GV-4	92*	21.6	0.8	122	1	
	1420	GV-6	9.5	18.0	5.1	81	0.5	
		GV-7						
		~~GV-9 GP-12~~						
	1340	GV-12	22*	17.0	3.3	85	1	
↓	1330	GP-1	5.5	10.8	9.2	—	0	



GeoTrans, Inc.

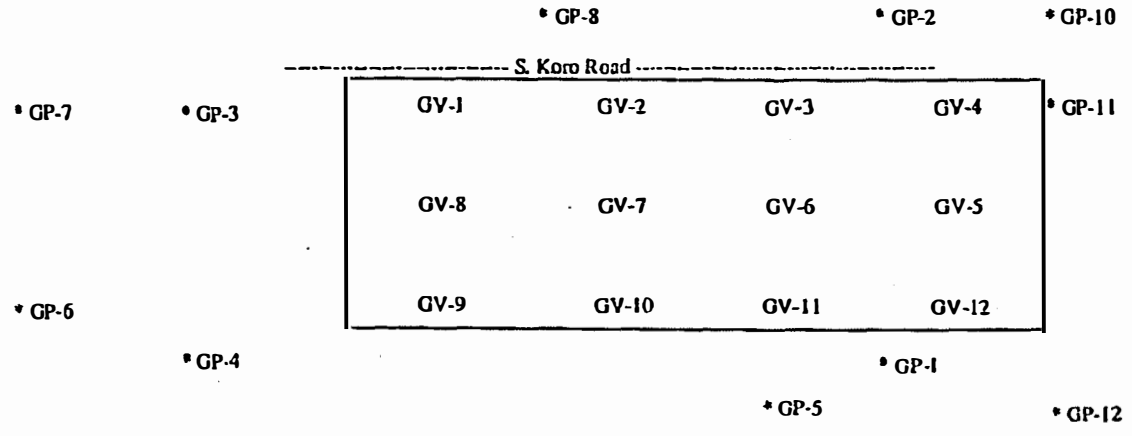
GAS PROBE DATA

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

Barometric Pressure: 29.0 Hg
Temperature (ambient): 88 F
Measuring Device: Eagle

* LEL

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
8.28.07	1330	Background	0 *	0.0	20.1	6	0.5	
	1425	LC-1	8.5	20.8	2.7	972	<0	
	1345	LC-2	36.5	27.8	1.3	1921	15+	
	1335	LC-3	11.5	19.2	2.8	1378	15+	
		GV-1						
	1435	GV-4	62.*	20.2	0.9	242	1.0	
	1415	GV-6	9.0	18.6	4.4	150	1.0	
		GV-7						
		GV-9						
	1405	GV-12	10 *	15.0	4.7	96	1.0	
↓	1355	GP-1	12.0	15.8	2.2	—	0.5	



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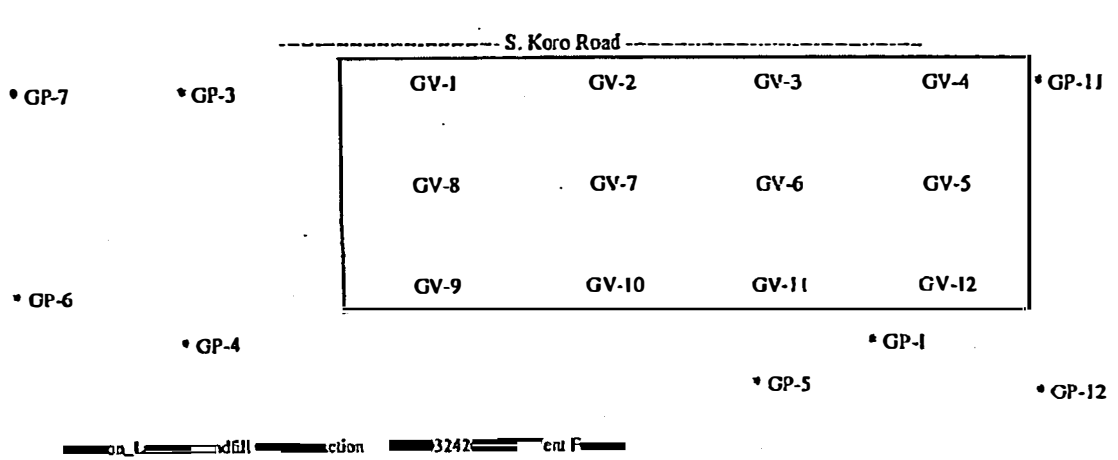
GeoTrans, Inc.

GAS PROBE DATA

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

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

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
8.31.07	1515	Background	0	0.0	20.9	0	0.5	
	1555	LC-1	5.5	18.2	4.2	1224	15+	
	1530	LC-2	30.0	26.0	2.5	2198	15+	
	1520	LC-3	6.5	18.0	3.5	1283	<0	
		GV-1						
		GV-4						
	1550	GV-6	6.0	19.2	2.5	65	1.0	
		GV-7						
		GV-9						
		GV-12						
	1510	GP-1	9.5	14.0	4.2	—	0.5	



GeoTrans, Inc.

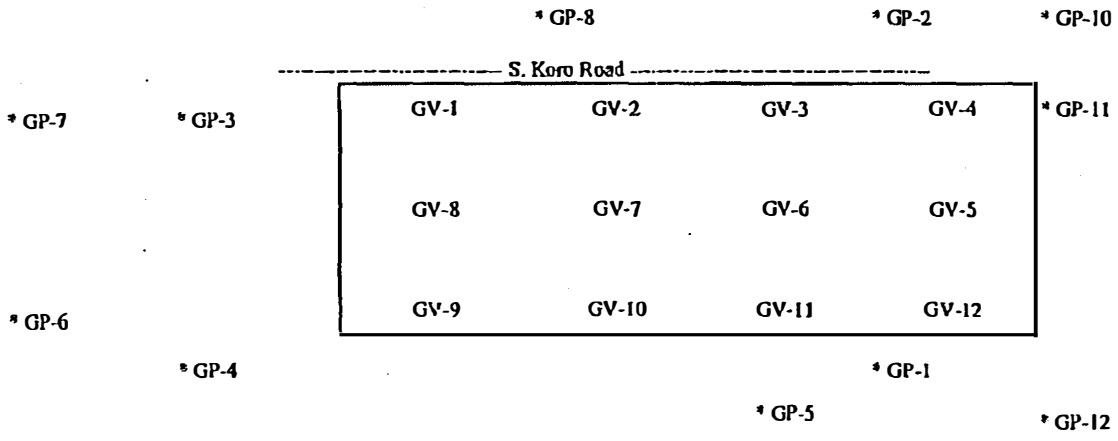
GAS PROBE DATA

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

Barometric Pressure: 29.0 Hg
Temperature (ambient): 78° F
Measuring Device: Eagle

LEL *

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
9-4-07	1410	Background	1 *	0.0	20.7	0	0	
1	1455	LC-1	89 *	17.2	4.1	1026	15+	
	1425	LC-2	26.0	26.0	2.0	1294	15+	* yes both CH_4 & CO_2 are 26.0
	1415	LC-3	7.0	17.0	3.9	1412	20	
✓		GV-1						
✓		GV-4						
	1445	GV-6	6.0	18.2	3.2	54	1.0	
✓		GV-7						
✓		GV-9						
✓		GV-12						
	1435	GP-1	8.0	13.6	4.4	—	0.5	



GeoTrans, Inc.

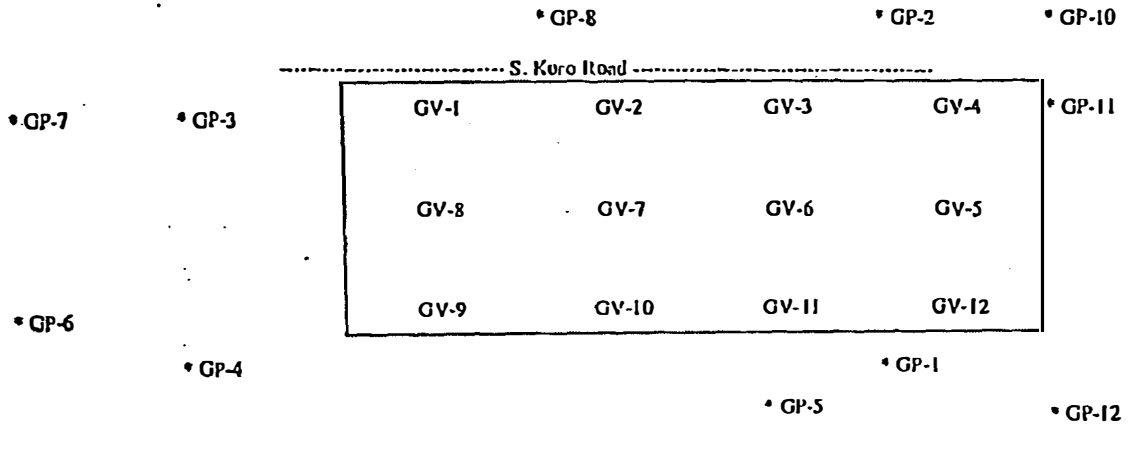
GAS PROBE DATA

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

Barometric Pressure: 29.1 Hg
Temperature (ambient): 68° F
Measuring Device: Eagle

LEL *

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
9-17-07	1240	Background	1 *	0.0	20.9	0	0	
	1325	LC-1	63 *	15.4	5.1	1164	<0	
	1255	LC-2	17.5	23.6	3.2	972	15+	
	1245	LC-3	5.5	15.8	4.7	1198	<0	
		GV-1						
		GV-4						
	1315	GV-6	5.0	16.8	4.3	73	1.5	
		GV-7						
		GV-9						
		GV-12						
	1305	GP-1	4 *	6.0	12.0	—	0.5	



GeoTrans, Inc.

GAS PROBE DATA

Project: FF/NN Landfill
Location: Ripon, Wisconsin
Personnel: Jeff Sewell

Barometric Pressure: 29.2 Hg
Temperature (ambient): 58° F
Measuring Device: Eagle

* LEL

Date	Time	Measure-ment Point	% CH_4	% CO_2	% O_2	Vel (ft/min)	Pressure (in H^2O)	Comments
9.29.07	0900	Background	1 *	0.0	20.9	0	0.5	
	0950	LC-1	61 *	15.2	5.6	903	<0	
	0915	LC-2	17.5	23.8	2.9	1378	15+	
	0905	LC-3	5.0	16.2	1.6	1181	<0	
		GV-1						
		GV-4						
	0935	GV-6	94 *	16.8	4.3	8.5	1.0	
		GV-7						
		GV-9						
		GV-12						
	0925	GP-1	3 *	4.6	13.9	-	0.5