March 12, 2010

Mr. Allan Timm and Ed Olson
MPCA VIC Program
520 Lafayette Road
St. Paul, MN 55155-4194

Re: Monthly Dual Phase Extraction System Effectiveness and Quarterly Groundwater Monitoring Report
MN Bio Business Center, Rochester, MN

Dear Mr. Timm and Mr. Olson:

On behalf of the City of Rochester (City) Administration Department, Landmark Environmental, LLC (Landmark) has prepared this letter to present a status update for the dual phase extraction (DPE) system installed at the above referenced property (Property), as shown in Figure 1.

Introduction

This report documents the monthly DPE system operational and analytical data from February 22, 2010, as well as quarterly groundwater monitoring data from samples collected on February 22 and 23, 2010. The DPE system well locations and equipment layout are provided in Figures 2 and 3, respectively. A system operation and maintenance summary table is included as Table 1.

The DPE system has continued to operate sequentially at all of the DPE system wells after being switched from continuous operation at DPE-1 on October 15, 2009. The DPE system is programmed to operate on each well for 45 minutes before switching to the next well and takes 6 hours to complete one full cycle. The air sample collection method during sequential operation of the DPE system wells consists of a composite Summa canister utilizing a 6-hour flow control valve. Therefore, air emissions from each well are collected during the 6-hour sample collection period.

System Operational Results

The volatile organic compound (VOC) and perchloroethene (PCE) concentrations from the February 22, 2010, sampling event decreased significantly from the high concentrations observed on January 14, 2010. During this period, the DPE system removed 365 pounds of total VOCs, including 265 pounds from PCE (see Figure 4 and Table 2). Through February 22, 2010, the DPE system has removed a total of 2,834 pounds of total VOCs and 2,253 pounds of PCE.

On February 22, 2010, the concentrations of VOCs decreased from 14,613,880 micrograms per cubic meter (ug/m^3) on April 9, 2009, (the baseline emissions sampling date) to 2,364,821 ug/m^3 of total VOCs, a decrease of 83.8 percent (See Figure 5). PCE concentrations decreased from

11,600,000 ug/m^3 to 1,720,000 ug/m^3, a decrease of 85.2 percent from the baseline concentration. Emissions analytical data is provided in Table 3 and system operational data tables and field data sheets are provided in Attachment A. The emissions analytical reports are included in Attachment B.

The Minnesota Pollution Control Agency's (MPCA's) Remediation Risk Analysis Screening Spreadsheet (RRASS) spreadsheet was used to evaluate the emissions rates from the DPE system and air stripper stacks on the Property during each of the DPE system sampling events. The site specific emissions rate for PCE during the February 22, 2010, sampling event was 82,561 micrograms per second (ug/s) and was above the MPCA screening emissions rate (SER) for chronic risk of 16,300 ug/s. The site specific emissions rate for PCE was below the MPCA SER for acute risk of 5,980,000 ug/s. The RRASS emissions rates are provided in Table 4 and the RRASS spreadsheets are provided in Attachment C.

The cumulative total VOC mass removed from the DPE system groundwater discharge during air stripper operation was 0.27 pounds on February 22, 2010. The air stripper is effectively removing VOCs from the groundwater discharge and does not need to be cleaned at this time. The effluent groundwater discharge concentrations were below the City's Water Reclamation Plant discharge criteria of 2,130 ug/L. Mass removal data from the groundwater treatment system is provided in Table 5 and the groundwater discharge analytical data is included in Table 6. The groundwater discharge analytical reports are provided in Attachment B.

The groundwater hydrographs show an immediate rise in the groundwater elevations as a result of switching the DPE system to sequential operation of all DPE system wells on October 16, 2009. The groundwater elevations at most of the monitoring and DPE system wells peaked during the November 17, 2009, sampling event and have been decreasing gradually since. During the February 22 and 23, 2010, sampling event, the groundwater elevations at DPE-1, DPE-2, DPE-3, and DPE-8, did not follow the decreasing trend observed at the other DPE and monitoring wells. The hydrographs provided in Figures 6 and 7 show that sequential operation of all of the DPE system wells has been effective in lowering the water table at most of the DPE system wells and all of the monitoring wells. The groundwater elevation data is provided in Table 7. Well construction information is provided in Table 8.

Groundwater Monitoring Results

Quarterly groundwater sampling was conducted on February 22 and 23, 2010 (see Figure 8). After approximately 8 months of DPE system operation, the PCE concentrations at the following wells have decreased (see Figure 9 and Table 9): MW-14 (90%), MW-15 (95%), MW-16 (69%), MW-18 (62%), MW-20 (33%), DPE-1 (98%), DPE-2 (93%), DPE-3 (99%), DPE-4 (99%), DPE-5 (64%), DPE-6 (69%), DPE-7 (67%), and DPE-8 (99%). The groundwater analytical results are included in Table 10 and the groundwater analytical reports are included in Attachment B. Groundwater monitoring field data sheets are included in Attachment A.

Per the MPCA's approval, analysis of the following natural attenuation parameters has been

discontinued: dissolved calcium, dissolved organic carbon, dissolved iron, dissolved magnesium, methane, nitrate as N, sulfate, and sulfide. The natural attenuation data is provided in Table 11. The following field parameter data is still collected at each well on a quarterly basis: temperature, conductivity, pH, oxidation reduction potential, and dissolved oxygen (See Table 12).

DPE System Operation and Maintenance

On February 23, 2010, a secondary demister moisture separator was installed to reduce the frequency of DPE pump inlet screen plugging. The inlet screen was plugging up every seven to ten days. The inlet screen plugging was caused by a combination of corrosion buildup from high PCE emissions concentrations, fine sediment particles, and hardness calcification from the groundwater. The effect that each of these factors has on the inlet screen is directly related to the volume of water vapor present in the air emissions stream. Therefore, the secondary demister moisture separator was installed to reduce the amount of water vapor in the air emissions stream, and ultimately, reduce the frequency of inlet screen plugging. Installation of the secondary demister moisture separator extended the time between inlet screen plugging to twelve days. The improvement from the secondary demister moisture separator was not significant enough to meet the duration between Landmark's monthly routine DPE system site visits. Therefore, on March 9, 2010, the pump inlet screen was removed.

Conclusions

After analyzing the data from the monthly DPE system and quarterly groundwater monitoring and sampling events, the following conclusions can be made:

- The DPE system is operating as designed and has removed a significant amount of VOCs in a short period of time.
    - From June 29, 2009, through February 22, 2010, the DPE system removed 2,834 pounds of total VOCs, including 2,253 pounds of PCE from the subsurface.
    - From January 14, 2010, through February 22, 2010, the DPE system removed 365 pounds of total VOCs, including 265 pounds of PCE from the subsurface.
    - DPE system emissions concentrations of VOCs and PCE from February 22, 2010, have decreased 83.8 percent and 85.2 percent, respectively, when compared to the baseline emissions concentrations.
- The February 22, 2010, site specific emissions rates for PCE of 82,561 ug/s exceeded the SER for chronic risk, but was below the SER for acute risk.
- The groundwater treatment system is operating as designed.

- Sequential operation of all DPE system wells has effectively lowered the water table at the Property.

- DPE system operation has effectively decreased the concentrations of PCE in the groundwater at the following wells: MW-14 (90%), MW-15 (95%), MW-16 (69%), MW-18 (62%), MW-20 (33%), DPE-1 (98%), DPE-2 (93%), DPE-3 (99%), DPE-4 (99%), DPE-5 (64%), DPE-6 (69%), DPE-7 (67%), and DPE-8 (99%).

Recommendations

Landmark recommends continuing sequential operation of all eight DPE wells for the next couple of months, or until a significant decrease in emissions concentrations and mass removed is observed.

Although the February 22, 2010, site specific emissions rates for PCE exceeded the SER for chronic risk, Landmark does not recommend emissions treatment. Similar to the emissions results from the first six months of system operation, the site specific emissions rate for PCE has already decreased significantly and will likely decrease to levels below the SER for chronic risk in 30 to 60 days. In addition, the nearest receptor, the Franklin Heating Station (a steam generation plant), is not occupied by tenants who would be exposed to chronic risk.

Additional monthly system operational, analytical, and fluid level data will be collected to better evaluate the system's effectiveness at accomplishing remedial goals, and to make adjustments as necessary to increase effectiveness. This data will be carefully monitored and analyzed, and system adjustments will be made to maintain efficient mass recovery.

Groundwater monitoring will continue on a quarterly basis to assist in evaluating the effect of the DPE system on VOC concentrations in the groundwater.

If you have any questions or require additional information, please feel free to contact me at jskramstad@landmarkenv.com and (952) 887-9601, extension 205.

Sincerely,

Jason D. Skramstad, P.E.

Cc: Terry Spaeth, City of Rochester

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ATTACHMENTS

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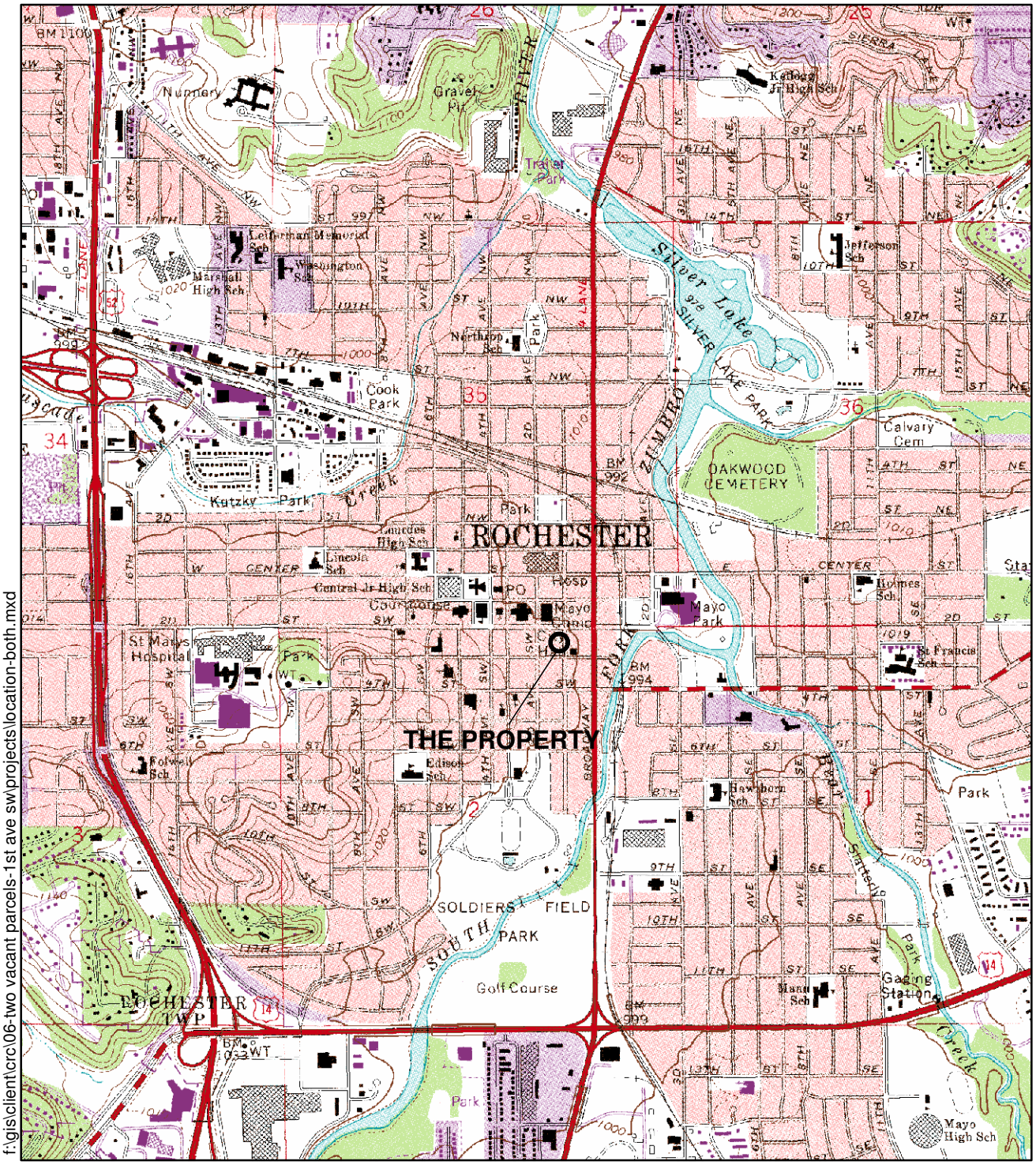


f:\gis\client\crc\06-two vacant parcels-1st ave sw\projects\location-both.mxd

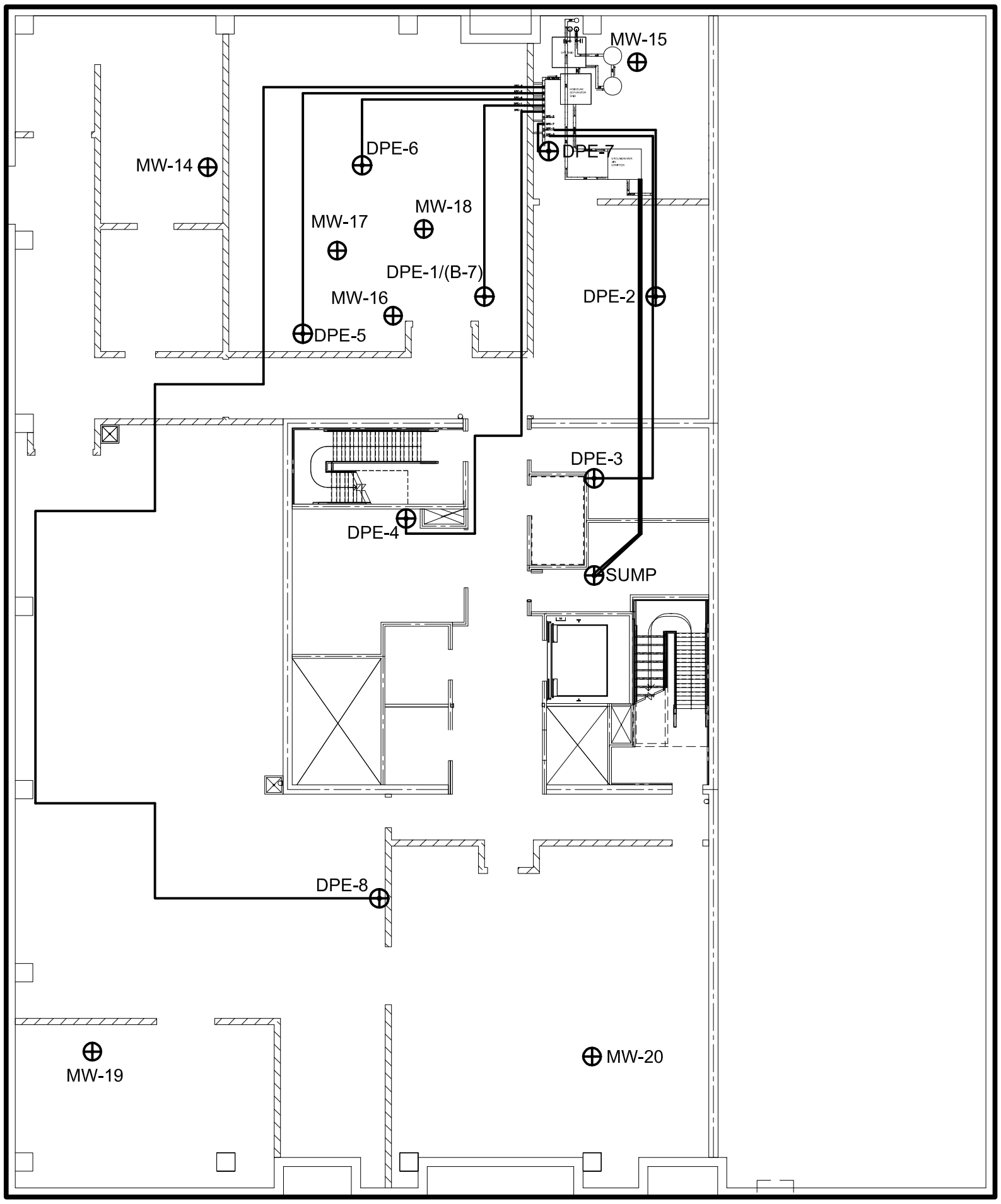
Source: Rochester, Minnesota Topographic Quadrangle, 7.5-Minute Series

N

2,000 1,000 0 2,000 Feet

FIGURE 1

PROPERTY LOCATION MAP
219 and 223 1ST Avenue Southwest
Rochester, Minnesota



BASEMENT FLOOR PLAN

LEGEND

⊕ DPE, Monitoring Well, or Sump Location

DPE Piping Location

Property Boundary

N

20 feet
SCALE

BASE DRAWINGS PROVIDED BY HGA
F:/Projects/CRC/CAD/basement planview\DPE AS Layout.dwg

Rev	Date	By	Description

LANDMARK ENVIRONMENTAL, LLC
2042 West 98th Street
Bloomington, MN 55431

FIGURE 2

DPE SYSTEM LAYOUT

221 FIRST AVENUE S.W.
ROCHESTER, MINNESOTA

Landmark Project Number: CRC		
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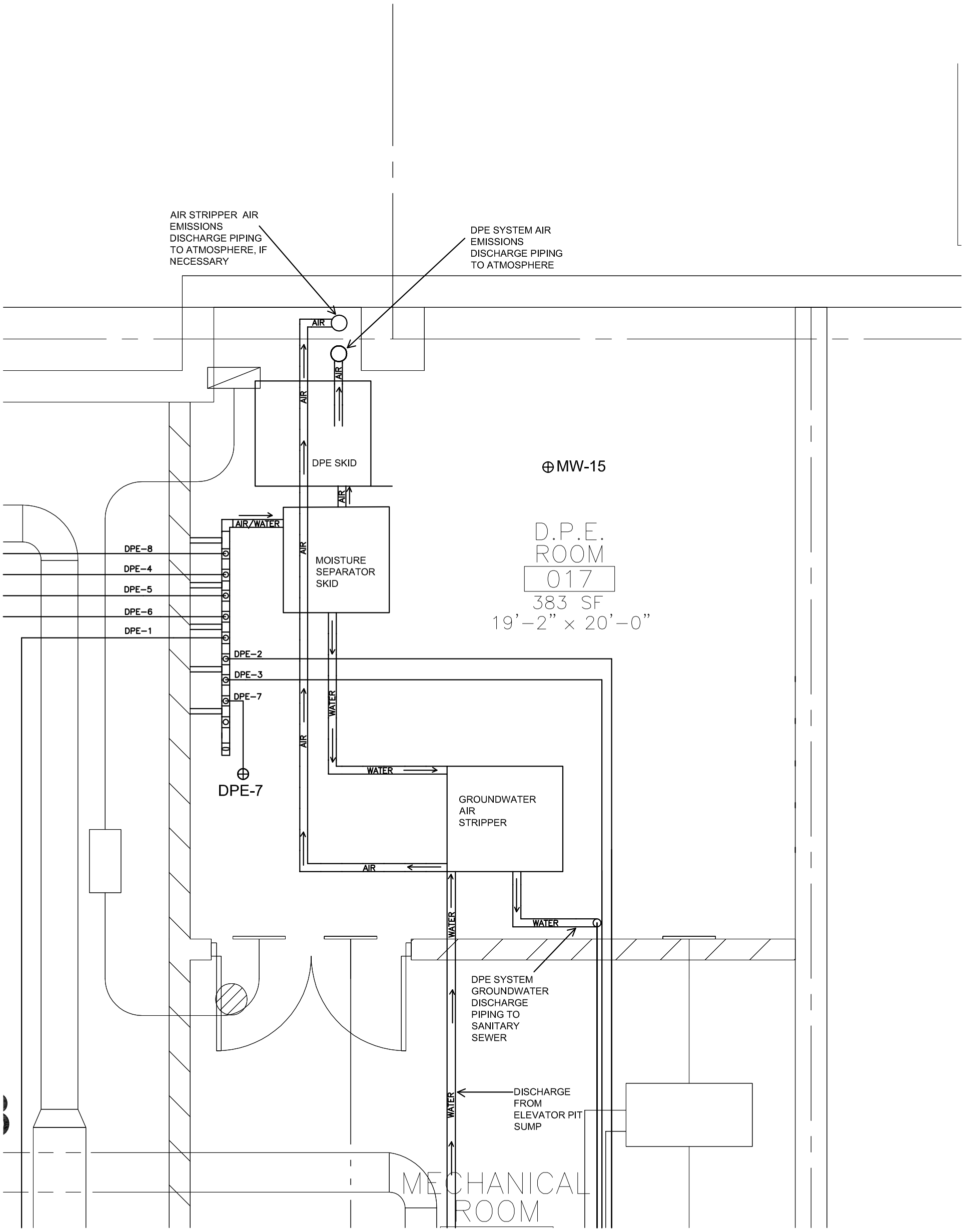
Scale: .	Date: 7/9/2009	Revision:
Drawing Number: .	Sheet . Of .	Sheets .



LEGEND

N

Existing DPE Piping Location

AIR — Proposed Air Emissions Piping Location

WATER — Proposed Groundwater Discharge Piping Location

1 in = 3 ft
APPROXIMATE SCALE

BASEDRAWINGS PROVIDED BY HGA
F:/Projects/CRC/CAD/basement planview/20070829 DPE System/20091005 DPE Room.dwg

Rev	Date	By	Description

LANDMARK ENVIRONMENTAL, LLC
2042 West 98th Street
Bloomington, MN 55431

FIGURE 3

DPE ROOM LAYOUT

221 FIRST AVENUE S.W.
ROCHESTER, MINNESOTA

Landmark Project Number: CRC		
Drawn: JDS	Checked: JDS	Designed: JDS
Scale: 1:3	Date: 2/8/2010	Revision:
Drawing Number: .	Sheet Of	Sheets

FIGURE 4

CUMULATIVE MASS REMOVED
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

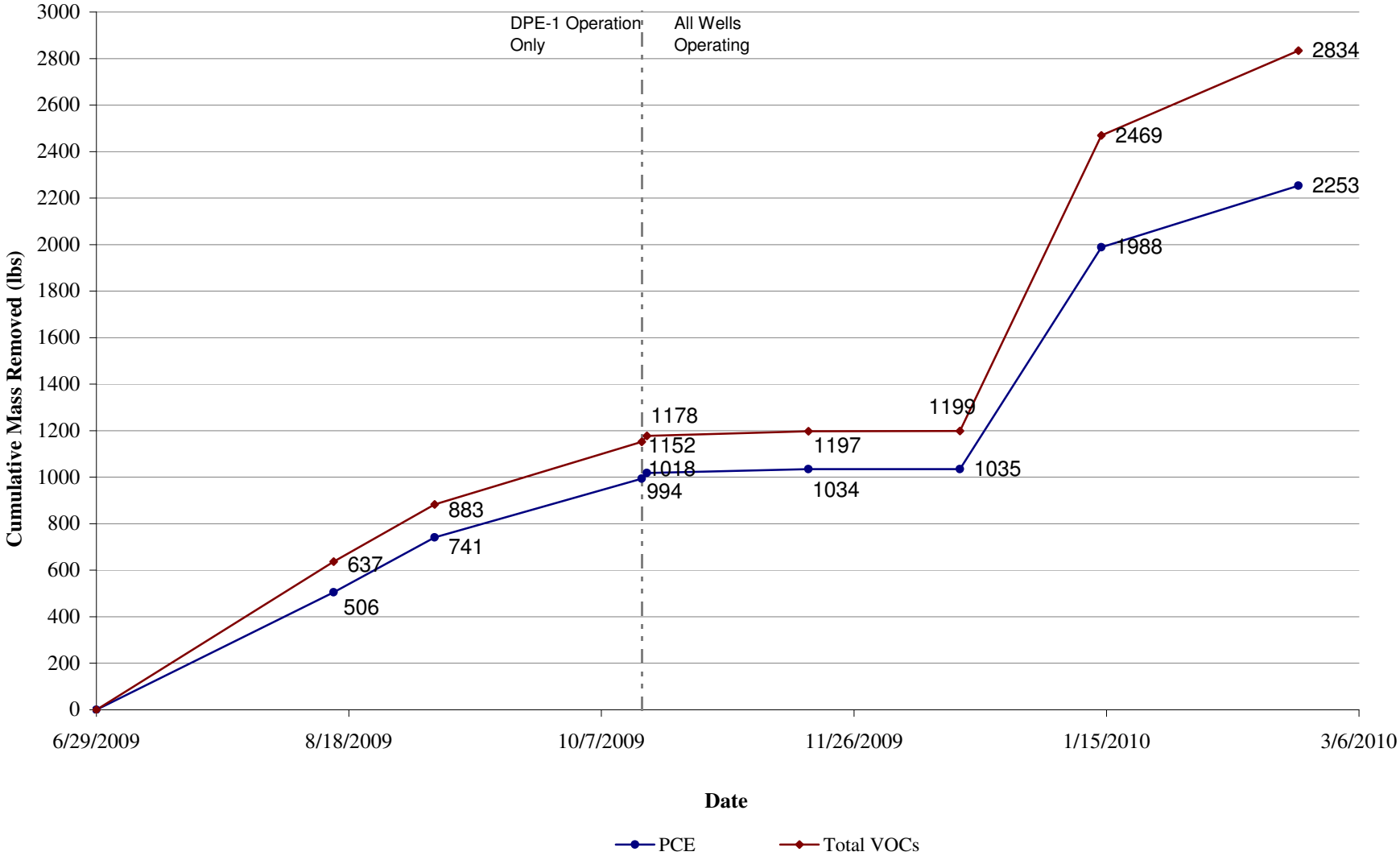


FIGURE 5

DPE EMISSIONS CONCENTRATIONS
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

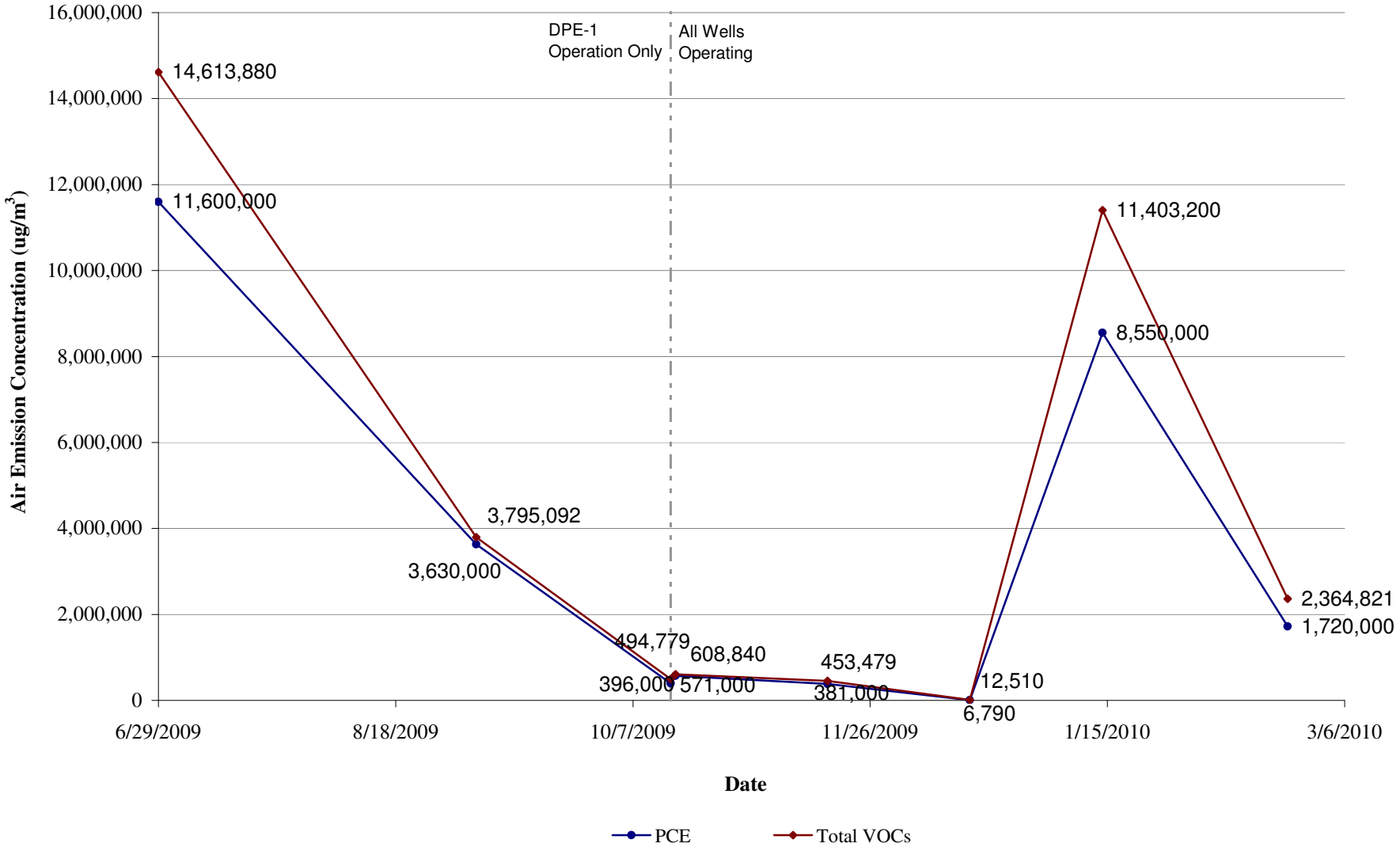


FIGURE 6

DPE WELL HYDROGRAPHS
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

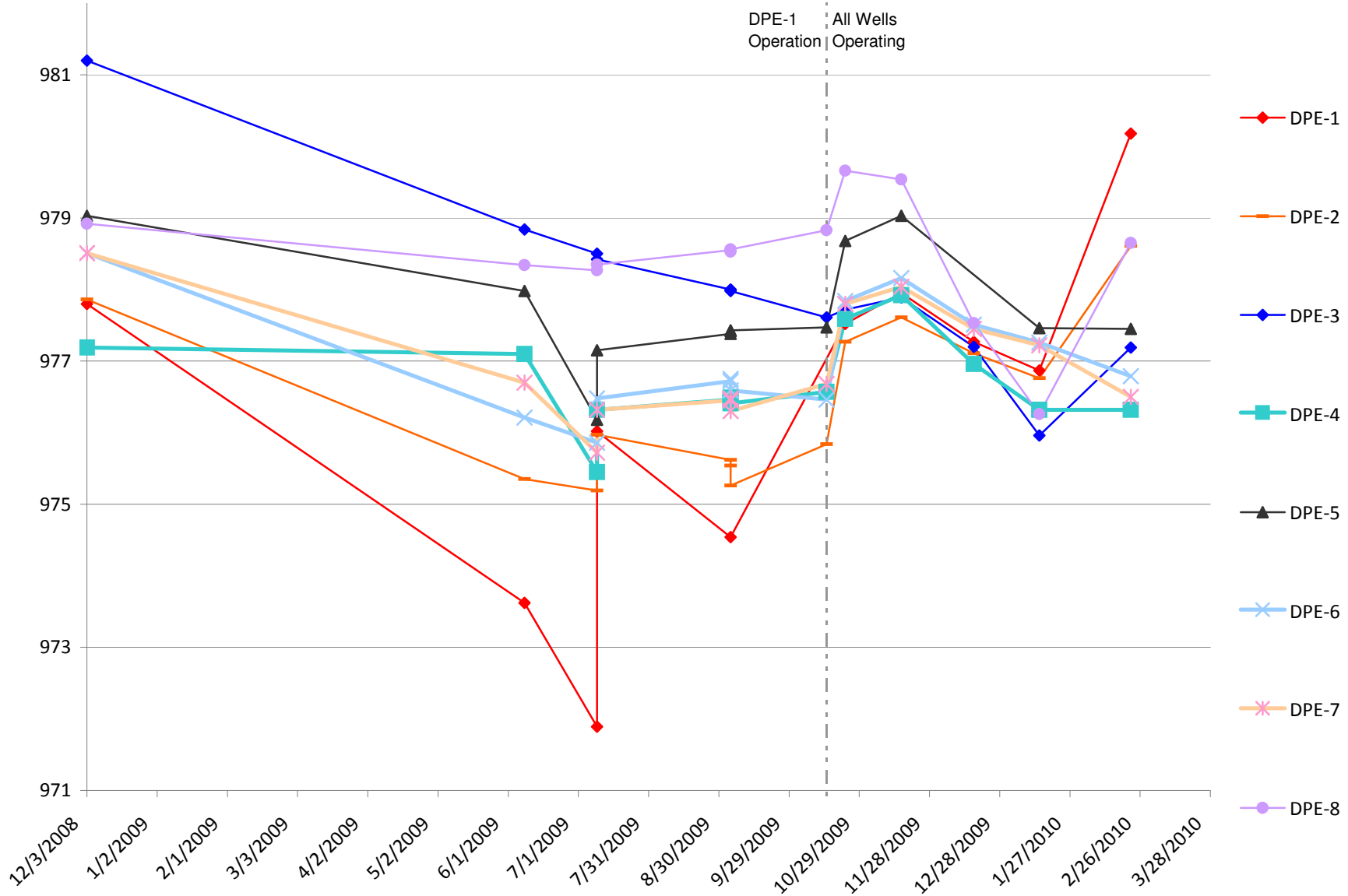
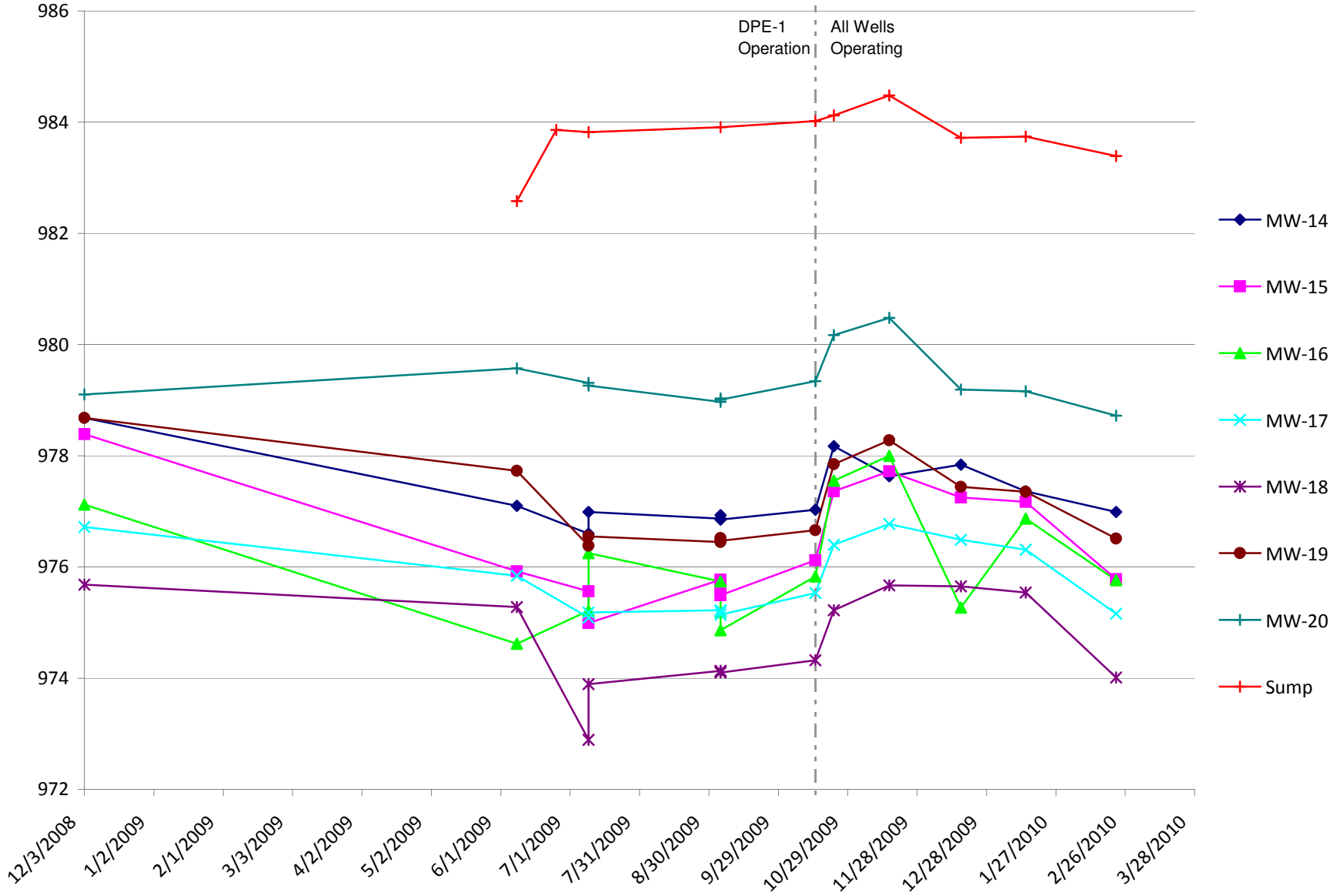
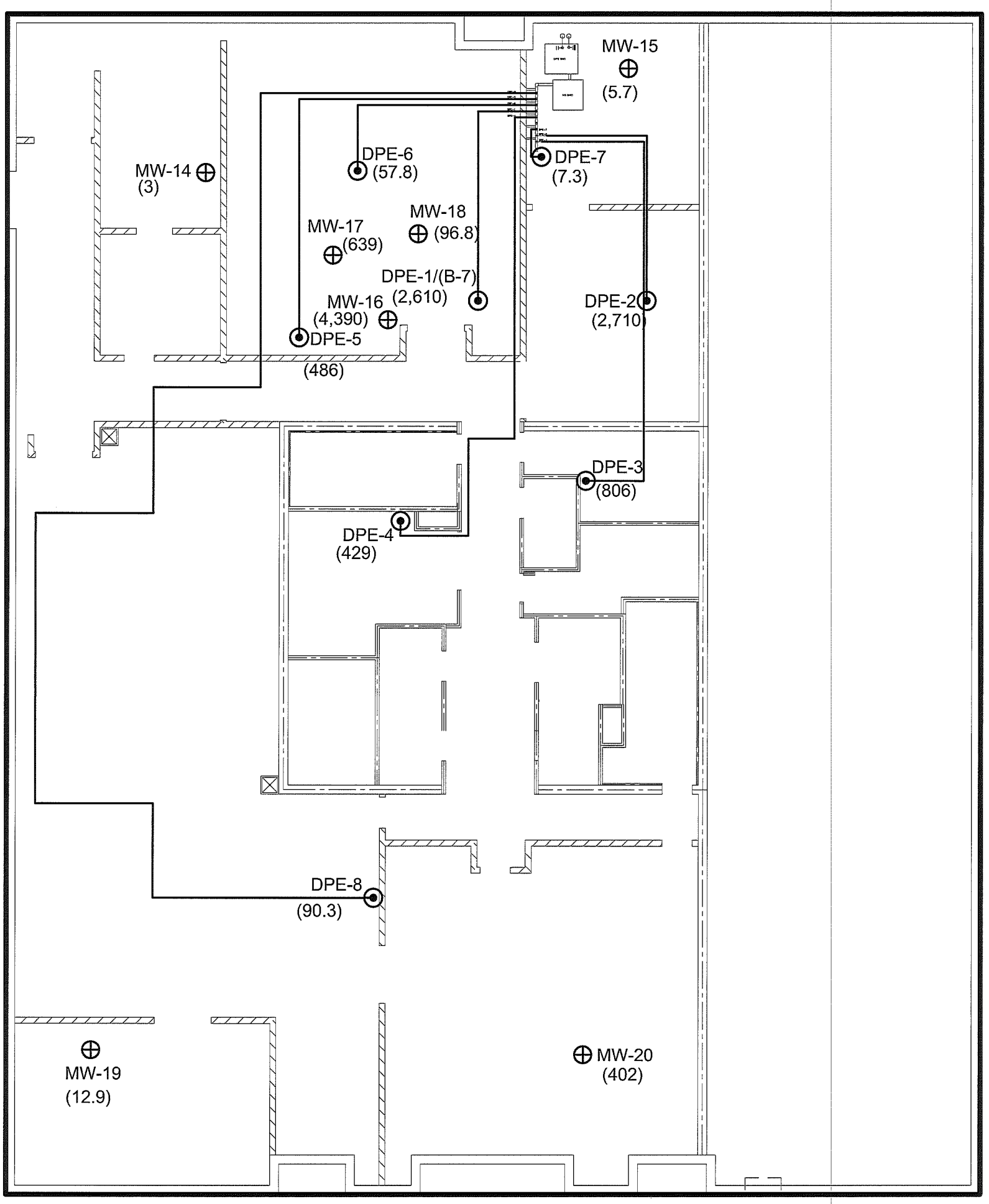


FIGURE 7

MONITORING WELL AND SUMP HYDROGRAPHS
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota





BASEMENT FLOOR PLAN

LEGEND

- DPE Well Location
- Monitoring Well Location
- (12.9) PCE Concentration in ug/L
- DPE Piping Location
- Property Boundary

N

20 feet
SCALE

BASE DRAWINGS PROVIDED BY HGA
F:/Projects/CRC/CAD/Groundwater Data/20091116 GW Results.dwg

Rev	Date	By	Description

LANDMARK ENVIRONMENTAL, LLC
2042 West 98th Street
Bloomington, MN 55431

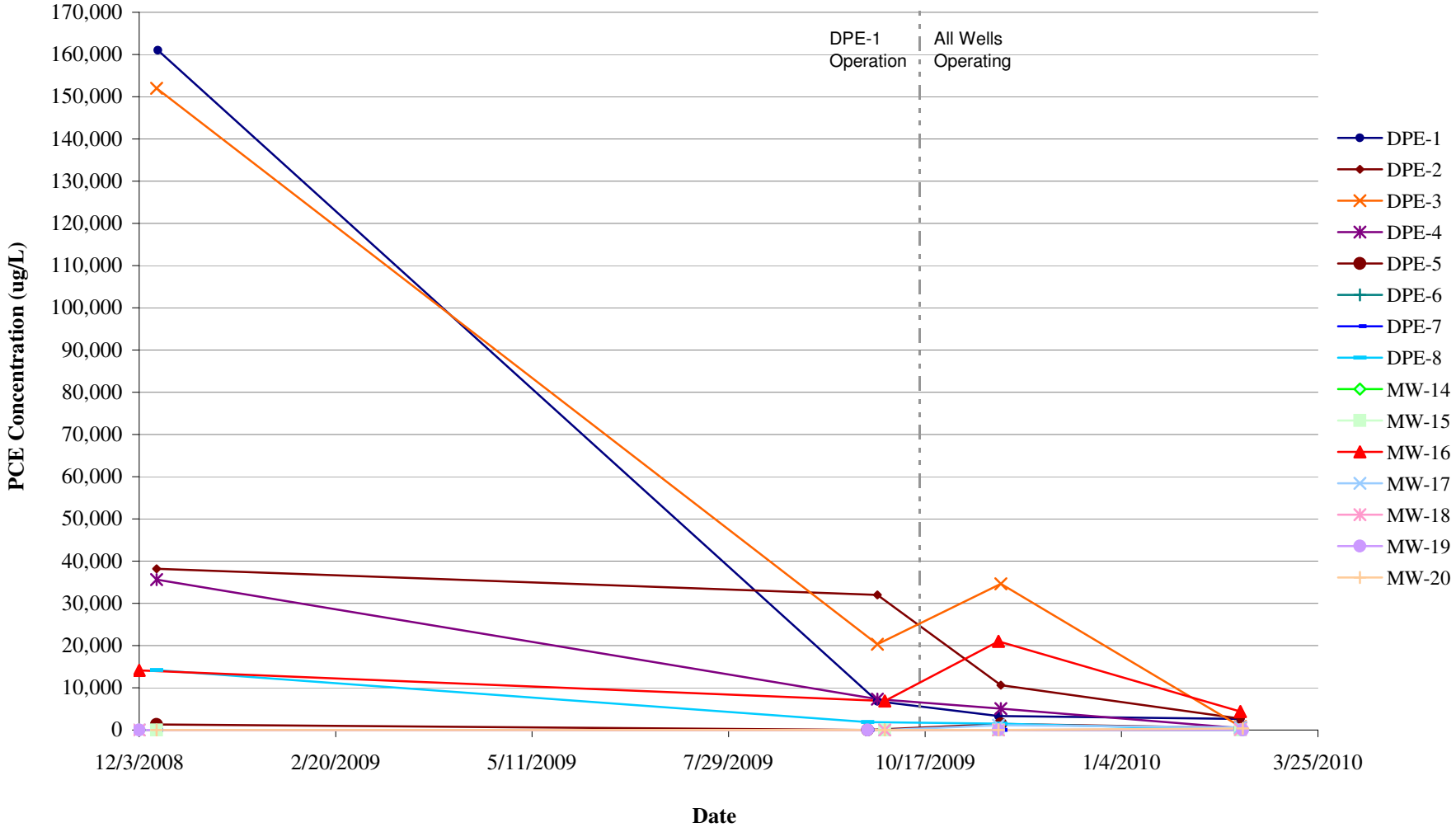
FIGURE 8

FEBRUARY 2010 -
PCE GROUNDWATER CONCENTRATIONS
221 FIRST AVENUE S.W.
ROCHESTER, MINNESOTA

Landmark Project Number: CRC		
Drawn: JDS	Checked: JDS	Designed: JDS
Scale: .	Date: 3/9/2010	Revision:
Drawing Number: .	Sheet . Of .	Sheets .

FIGURE 9

PCE CONCENTRATION SUMMARY
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota



Tables

TABLE 1

SYSTEM OPERATION AND MAINTENANCE SUMMARY
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	Approximate Time	Sensophone Call Received?	Alarm Condition	DPE System Status	Comments
9-Apr-09	NA	NA	NA	Off	DPE system temporary startup. **Sampled initial DPE groundwater discharge and air emissions.** System shut down to determine if air emissions and/or groundwater treatment were necessary.
4-Jun-09	NA	NA	NA	Off	Air stripper installed. **Air stripper air emissions and influent and effluent groundwater samples collected.**
5-Jun-09	NA	NA	NA	Off/On	Installed temporary secondary containment around DPE room door way. DPE system left on.
6-Jun-09	19:00	Y	MS High Level	On/Off	
8-Jun-09	NA	NA	NA	Off	Landmark on site to clean MS float switch assembly. DPE system left off per client request until elevator pit drain tile sump can be connected to the air stripper, a permanent secondary containment berm can be installed, and additional floor sump alarm and conductivity meter can be installed.
19-Jun-09	NA	NA	NA	Off	Landmark onsite to monitor elevator pit sump water levels and PID readings.
23-Jun-09	NA	NA	NA	Off	Landmark, SDE, and Muska on site to install permanent secondary containment berm and sump pit flow meter.
25-Jun-09	NA	NA	NA	Off	Landmark and PLC on site to terminate switches to the control panel. Noticed lower trilevel float switch is getting caught on the site tube. PLC to replace MS trilevel float assembly. Pumped 300 gallons of water from elevator drain tile sump through the air stripper. Sump appears to be recharging with water.
29-Jun-09	NA	NA	NA	Off/On	Landmark replaced MS trilevel float assembly. Bottom float still catches on site tube; therefore, Landmark installed JB-welded washers onto float assembly. Also compared flow meter readings with handheld monitor; replaced leaking air stripper hoses; recorded all system data from gauges and control panel. System restarted for permanent operation.
9-Jul-09	NA	NA	NA	On	Landmark onsite to troubleshoot low flowrate and vacuum readings observed remotely, to collect fluid level measurements at each well, to check the vacuum influence from DPE-1 operation at each DPE well head location; collect operational data during operation of DPE-1; to conduct a groundwater recovery test a DPE-1; modified the drop tube at DPE-3; and collected operational data wile operating on DPE-3. Kept system operating on DPE-1. **Sampled groundwater discharge.**
18-Jul-09	NA	No	DPE Pump Motor Fault	On/Off	
20-Jul-09	NA	NA	DPE Pump Motor Fault	Off	Received a call from Paramark stating the DPE was off and there was about 1 quart of oil leaking from the DPE pump.
22-Jul-09	NA	NA	DPE Pump Motor Fault	Off	Landmark onsite to troubleshoot DPE system shut down and determine the source of the oil leak.
24-Jul-09	NA	NA	DPE Pump Motor Fault	Off	Landmark and PLC onsite to remove DPE pump and deliver to John Henry Foster for Repair.

TABLE 1

SYSTEM OPERATION AND MAINTENANCE SUMMARY
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	Approximate Time	Sensophone Call Received?	Alarm Condition	DPE System Status	Comments
11-Aug-09	NA	NA	DPE Pump Motor Fault	Off/On	Landmark and PLC onsite to reinstall repaired DPE pump and restart the system. Landmark installed thermometer to monitor the ambient and max temperature in the DPE room in two different locations. Landmark swept, vacuumed, and mopped the floor several times to prevent dust from passing through the vacuum relief valve and clogging the pump inlet screen. PLC fixed the sensaphone. PLC and Landmark checked flow rate readings with blower curve. DPE system was restarted.
14-Aug-09	13:17	Y	DPE Pump High Inlet Vacuum	On/Off/On	Paramark opened all of the individual DPE well bleed valves and restarted the system.
16-Aug-09	4:34	Y	DPE Pump High Outlet Temperature	On/Off	
17-Aug-09	NA	NA	DPE Pump High Outlet Temperature	Off/On	Paramark checked max room temperature readings and all were OK. Paramark could not restart the DPE system. Landmark onsite to troubleshoot the pump and determined the inlet screen was plugged. Landmark cleaned the inlet screen, replaced the moisture separator filter, and restarted the system. The system was adjusted to run with the DPE pump bleed valve open 5% and the DPE-1 bleed valve open 20%.
18-Aug-09	4:15	Y	DPE Pump High Inlet Vacuum	On/Off	Landmark tried restarting the system remotely, but the system would not operate for more than 30 seconds. A pressure drop was observed while trying to restart the system indicating the moisture separator filter or pump inlet screen was plugged.
20-Aug-09	NA	NA	DPE Pump High Inlet Vacuum	Off/On	Landmark onsite to troubleshoot system shutdown. Landmark verified the shutdown was the result of a plugged pump intake screen. The screen was cleaned with hydrochloric acid and reinstalled. Landmark installed a pipe plug in place of the vacuum relief valve to determine if the material plugging the screen is entering through the vacuum relief valve. Landmark added slits to DPE-1 drop tube to facilitate dewatering of the well. System restarted with DPE-1 bleed air valve opened 50% and pump bleed valve closed.
22-Aug-09	5:30	Y	DPE Pump High Inlet Vacuum	On/Off	
24-Aug-09	NA	NA	DPE Pump High Inlet Vacuum	Off/On	Restarted system remotely. Directed Paramark to open DPE-1 bleed valve 100%.
4-Sep-09	NA	NA	NA	On	Landmark on site to conduct **monthly monitoring and sampling event**, install 1 micron moisture separator filter, and install new pump intake screen.

TABLE 1

SYSTEM OPERATION AND MAINTENANCE SUMMARY
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	Approximate Time	Sensophone Call Received?	Alarm Condition	DPE System Status	Comments
16-Sep-09	19:26	Y	DPE Pump High Inlet Vacuum	On/Off	
17-Sep-09	NA	NA	DPE Pump High Inlet Vacuum	Off/On	Restarted system remotely. Directed Paramark to open DPE-1 bleed valve 100%.
28-Sep-09	NA	NA	NA	On	Landmark on site to conduct **quarterly groundwater monitoring and sampling event**, and spray aluminum pump inlet components with dry lube to prevent corrosion.
	21:22	Y	DPE Pump High Inlet Vacuum	On/Off	
29-Sep-09	NA	NA	DPE Pump High Inlet Vacuum	Off/On	Landmark and PLC on site to troubleshoot alarm. The rubber hose between the moisture separator and the DPE pump was found to be defective. The rubber hose was replaced and the system was restarted.
30-Sep-09	6:32	Y	MS High Level	Off	
	NA	NA	MS High Level	Off/On	Landmark on site to finish **quarterly groundwater monitoring and sampling event**, and clean the float switches controlling the moisture separator transfer pump. The DPE system was restarted.
10/15/2009 and 10/16/09	NA	NA	NA	On	Landmark on site to conduct **monthly monitoring and sampling event** and modify all of the wells for sequential operation.
19-Oct-09	18:00	Y	MS High Level	On/Off	
23-Oct-09	NA	Yes	NA	Off/On	Landmark on site to clean the MS float assembly, replace MS hose with SCH 80 pipe and union, and install bleed air port on DPE-3 water level drop tube.
25-Oct-09	8:15	Y	MS High Level	On/Off	
27-Oct-09	NA	Yes	NA	Off/On	Landmark on site to clean MS float assembly, remove sediment from the MS, collect a TCLP VOC sediment sample for haz waste characterization, and modify the drop tube for DPE-3.
	14:15	Y	Hi Vacuum and Hi Inlet Vacuum	On/Off	System shut down from DPE-4's solenoid valve which was stuck in the off position.
28-Oct-09	NA	NA	Hi Vacuum and Hi Inlet Vacuum	Off/On	Under Landmark's direction, Paramark was able to get DPE-4's solenoid valve to work.
2-Nov-09	23:15	Y	Hi Vacuum and Hi Inlet Vacuum	On/Off	System shut down from high inlet vacuum while operating at DPE-8.
3-Nov-09	11:15	NA	Hi Vacuum and Hi Inlet Vacuum	Off/On	System restarted remotely by Landmark.

TABLE 1

SYSTEM OPERATION AND MAINTENANCE SUMMARY
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	Approximate Time	Sensophone Call Received?	Alarm Condition	DPE System Status	Comments
5-Nov-09	11:16	Y	Hi Vacuum and Hi Inlet Vacuum	On/Off	System shut down from high inlet vacuum while operating at DPE-8.
	11:36	NA	Hi Vacuum and Hi Inlet Vacuum	Off/On	System restarted remotely by Landmark. DPE-8 interval replaced by DPE-1 until Landmark is on site to modify the DPE-8's well head. Large pressure drop observed between VT1 an VT2. With Paramark's assistance, Landmark was able to determine the pressure drop was from a plugged DPE pump inlet screen.
	13:00	NA	NA	On/Off	Large pressure drop observed between VT1 an VT2 while Landmark checked the system remotely. With Paramark's assistance, Landmark was able to determine the pressure drop was from a plugged DPE pump inlet screen. System shut down by Landmark until screen could be cleaned.
6-Nov-09	NA	NA	NA	Off/On	Landmark onsite to install new inlet screen on DPE pump, tighten air stripper rods, inspect and clean inside of DPE-1 and DPE-3 aluminum solenoid valves, and restart the system.
7-Nov-09	20:15	Y	Hi Vacuum and Hi Inlet Vacuum	On/Off	System shut down from high inlet vacuum while operating at DPE-4.
9-Nov-09	10:58	NA	Hi Vacuum and Hi Inlet Vacuum	Off/On	Landmark restarted the system remotely and adjusted the high vacuum alarm setpoints to 25 in. Hg.
15-Nov-09	6:27	Y	MS High Level	On/Off	
11/16/2009 and 11/17/09	NA	NA	MS High Level	Off/On	Landmark on site to conduct **monthly monitoring and sampling event** and **quarterly groundwater monitoring event.** Removed sediment from moisture separator, and modified DPE-8 well head, and cleaned pump inlet screen.
26-Nov-09	3:45	Y	DPE Pump Hi Outlet Temperature	On/Off	
27-Nov-09	NA	NA	DPE Pump Hi Outlet Temperature	Off/On	Landmark on site to clean the pump inlet screen and restart the system.
4-Dec-09	NA	NA	NA	On/Off	Landmark on site to clean solenoid valves and apply corrosion resistant coating to valves; DPE-4 and DPE-5 well heads modified to entrain air through water level port.
7-Dec-09	NA	NA	NA	Off/On	Landmark on site to reassemble solenoid valves; raise the manifold 1 foot; clean the pump inlet screen; and restart the system.
17-Dec-09	NA	NA	NA	On	Landmark on site to **conduct monthly monitoring and sampling event,** replace pump inlet screen, clean moisture separator, and clean floats.
28-Dec-09	NA	NA	NA	On	Landmark on site to replace pump inlet screen after remote monitoring indicated it was about to shut down from being clogged.
11-Jan-10	NA	NA	NA	On/Off	Landmark shut down the system remotely after the remote data indicated the pump inlet screen was clogged and about to shut down the system.

TABLE 1

SYSTEM OPERATION AND MAINTENANCE SUMMARY
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	Approximate Time	Sensophone Call Received?	Alarm Condition	DPE System Status	Comments
14-Jan-10	NA	NA	NA	Off/On	Landmark on site to **conduct monthly monitoring and sampling event,** clean pump inlet screen, and clean moisture separator floats.
23-Jan-10	14:15	Y	DPE Pump High Inlet Vacuum	On/Off	
27-Jan-10	NA	NA	DPE Pump High Inlet Vacuum	Off/On	Landmark on site to clean the pump inlet screen and restart the system.
30-Jan-10	18:58	Y	MS High Level	On/Off	
3-Feb-10	NA	NA	MS High Level	Off/On	Landmark onsite to clean the transfer pump floats, clean the moisture separator, and clean the pump inlet screen.
	22:09	Y	MS High Level	On/Off	
4-Feb-10	14:50	NA	MS High Level	Off/On	Landmark directed Paramark to pour tap water through the site tube to dislodge the low level transfer pump float and restart the system.
6-Feb-10	7:22	Y	MS High Level	On/Off	
10-Feb-10	NA	NA	MS High Level	Off/On	Landmark onsite to clean the transfer pump floats, the moisture separator, the moisture separator site tube elbow, discharge pump floats, and the pump inlet screen. Landmark also restarted the system.
	16:47	Y	MS High Level	On/Off	
	18:00	NA	MS High Level	Off/On	Landmark restarted the system remotely.
	19:42	Y	MS High Level	On/Off	
11-Feb-10	10:34	NA	MS High Level	Off/On	Landmark restarted the system remotely.
	12:54	Y	MS High Level	On/Off	
12-Feb-10	NA	NA	MS High Level	Off/On	Landmark onsite to troubleshoot the MS High Level alarm. Landmark performed the following tasks: checked the MS level switch configurations; ran diagnostic tests to narrow down the cause of the MS High Level alarm; replaced the check valve upstream of the MS pump; and, took apart the MS pump head to inspect and clean the internal pump parts.
16-Feb-10	NA	NA	NA	On	System is operational; however, remote monitoring of the system showed the MS transfer pump cycling every 2 minutes. Landmark onsite to replace the MS transfer pump stator, and troubleshoot the continuous cycling issue with the transfer pump.

TABLE 1

SYSTEM OPERATION AND MAINTENANCE SUMMARY
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	Approximate Time	Sensophone Call Received?	Alarm Condition	DPE System Status	Comments
22-Feb-10	NA	NA	NA	On	Landmark on site to conduct **monthly monitoring and sampling event, quarterly groundwater monitoring event,** to disabled the sensaphone sound alarm, and remove sediment from the primary moisture separator (MS1).
23-Feb-10	NA	NA	NA	On/Off/On	Landmark on site to finish the **quarterly groundwater monitoring event,** and to provide oversight while PLC installs the secondary moisture separator (MS2). MS2 level switch was determined to be faulty; however, the DPE system was restarted.
26-Feb-10	NA	NA	NA	On	Landmark and PLC were on site to replace the faulty level switch for MS2, and replace the MS1 and MS2 filters.

NA: Not Applicable.
Y: Yes.
N: No.

TABLE 2

MASS REMOVAL FROM DPE EXHAUST
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Monitoring Period		DPE Well(s) Operating	DPE Pump Hours	Hours Per Period	Total Flow Rate (scfm)	Total VOCs			PCE		
Start Date	End Date					Concentration (ug/m^3)	Pounds Per Period	Cumulative pounds	Concentration (ug/m^3)	Pounds Per Period	Cumulative Pounds
---	6/29/2009		0	0	0	0	0	0	0	0	0
6/29/2009	8/15/2009	DPE-1	478.5	478.5	24.3	14,613,880	636.97	636.97	11,600,000	505.61	505.61
8/15/2009	9/4/2009	DPE-1	957	478.5	36.1	3,795,092	245.74	882.71	3,630,000	235.05	740.66
9/4/2009	---	DPE-1	1428	471	36.1	3,795,092	241.89	1,124.60	3,630,000	231.37	972.02
---	10/15/2009	DPE-1	1899	471	31.6	494,779	27.60	1,152.21	396,000	22.09	994.12
10/16/2009	---	All Wells	1899	231	48.9	608,840	25.78	1,177.99	571,000	24.18	1018.30
---	11/17/2009	All Wells	2361	231	48.9	453,479	19.20	1,197.19	381,000	16.13	1034.43
11/17/2009	12/17/2009	All Wells	2960	599	48.9	12,510	1.37	1,198.56	6,790	0.75	1035.17
12/17/2009	1/14/2010	All Wells	3568	608	48.9	11,403,200	1270.88	2,469.45	8,550,000	952.89	1988.07
1/14/2010	2/22/2010	All Wells	4161	593	69.4	2,364,821	364.82	2,834.27	1,720,000	265.34	2253.41

Notes:

1. The initial concentrations of total VOCs and PCE used for estimating the mass removed during the first 478.5 hours of system operation, which was estimated to be from, June 29, 2009, through August 15, 2009.
2. The concentrations of total VOCs and PCE from the September 4, 2009, sampling event were used for estimating the mass removed during the remaining 478.5 hours of system operation, which was estimated to be from August 15, 2009, through September 4, 2009.
3. The DPE system was temporarily started on April 9, 2009, for baseling DPE emissions sampling and analysis. The analytical data from April 4, 2009, was used for the emissions calculations on the estimated DPE system start date of June 29, 2009.
4. The flow rate used for the 10/15/09 calculations was from operation at DPE-1.
5. The flow rate used for the 10/16/09, 11/17/09, 12/17/09, and 1/14/10 calculations was from averaging the flowrates on 11/17/09 from each well during sequential operation of all DPE wells.

TABLE 3

AIR EMISSIONS ANALYTICAL RESULTS
(micrograms per cubic meter)
MN Bio Business Center
221 1st Avenue SW
Rochester, MN

Sample ID	DPE EXHAUST 1037	DPE OUTLET 1042	DPE-OUTLET 0903	DPE-OUTLET 1254	DPE-EFFLUENT 531
Wells Operating	All DPE Wells	All DPE Wells	All DPE Wells	All DPE Wells	All DPE Wells
Sample Collection Method	6-hr Composite	6-hr Composite	6-hr Composite	6-hr Composite	6-hr Composite
Collected Date	2/22/2010	1/14/2010	12/17/2009	11/17/2009	10/16/2009
1,1,1-Trichloroethane	**61**	ND	**23.9**	ND	**81.7**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	<2.2
1,1,2-Trichloroethane	ND	ND	ND	ND	<1.7
1,1,2-Trichlorotrifluoroethane	**644,000**	**2,720,000**	**4,440**	**72,100**	**172**
1,1-Dichloroethane	ND	ND	ND	ND	<1.3
1,1-Dichloroethene	**7.66**	ND	ND	ND	**13.9**
1,2,4-Trichlorobenzene	ND	ND	ND	ND	<1.5
1,2,4-Trimethylbenzene	ND	ND	ND	ND	<3.8
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	<2.5
1,2-Dichlorobenzene	ND	ND	ND	ND	<1.8
1,2-Dichloroethane	ND	ND	ND	ND	<1.3
1,2-Dichloropropane	**7.05**	ND	ND	ND	<1.4
1,3,5-Trimethylbenzene	ND	ND	ND	ND	<3.8
1,3-Butadiene	ND	ND	ND	ND	<0.69
1,3-Dichlorobenzene	ND	ND	ND	ND	<1.8
1,4-Dichlorobenzene	ND	ND	ND	ND	<1.8
2-Butanone (MEK)	**12.9**	ND	ND	ND	**12.2**
2-Hexanone	ND	ND	ND	ND	<1.3
2-Propanol	NA	NA	NA	NA	**4.9**
4-Ethyltoluene	ND	ND	ND	ND	<3.8
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	<1.3
Acetone	**84.5**	**76,800**	**126**	**116**	**37,000**
Benzene	ND	ND	**16.2**	ND	**1.1**
Bromodichloromethane	ND	ND	ND	ND	<2.2
Bromoform	ND	ND	ND	ND	<3.2
Bromomethane	ND	ND	ND	ND	<1.2
Carbon disulfide	ND	ND	ND	ND	<0.97
Carbon tetrachloride	ND	ND	ND	ND	<2.0
Chlorobenzene	ND	ND	ND	ND	<1.4
Chloroethane	ND	ND	ND	ND	<0.83
Chloroform	**15.4**	ND	ND	ND	**25.8**
Chloromethane	ND	ND	ND	ND	<0.65
cis-1,2-Dichloroethene	**198**	ND	**47.2**	**118**	**257**
cis-1,3-Dichloropropene	ND	ND	ND	ND	<1.4
Cyclohexane	**14.3**	ND	**766**	ND	<1.0
Dibromochloromethane	ND	ND	ND	ND	<2.6
Dichlorodifluoromethane	ND	ND	ND	ND	<1.5
Dichlorotetrafluoroethane	ND	ND	ND	ND	<2.2
Ethanol	NA	NA	NA	NA	**8.9**
Ethyl acetate	ND	ND	ND	ND	<1.1
Ethylbenzene	ND	ND	ND	ND	**7.9**
Hexachloro-1,3-butadiene	ND	ND	ND	ND	<3.4
m&p-Xylene	ND	ND	ND	ND	**25.0**
Methylene Chloride	ND	ND	**270**	ND	<1.1
Methyl-tert-butyl ether	ND	ND	ND	ND	<1.1
Naphthalene	NA	NA	NA	NA	**5.6**
n-Heptane	ND	ND	ND	ND	<1.3
n-Hexane	**135**	ND	ND	ND	**2.1**
o-Xylene	ND	ND	ND	ND	**7.5**
Propylene	ND	ND	ND	ND	<0.54
Styrene	ND	ND	ND	ND	<1.3
Tetrachloroethene	**1,720,000**	**8,550,000**	**6,790**	**381,000**	**571,000**
Tetrahydrofuran	**45.6**	**56,400**	ND	**145**	**36.2**
Toluene	**124**	ND	**9.58**	ND	**17.6**
trans-1,2-Dichloroethene	ND	ND	ND	ND	<1.2
trans-1,3-Dichloropropene	ND	ND	ND	ND	<1.4
Trichloroethene	**116**	ND	**21.3**	ND	**153**
Trichlorofluoromethane	ND	ND	ND	ND	<1.7
Vinyl acetate	ND	ND	ND	ND	**7.4**
Vinyl chloride	ND	ND	ND	ND	<0.80
Total VOCs	**2,364,821**	**11,403,200**	**12,510**	**453,479**	**608,840**

Notes:
Bold: parameter detected above the reporting limit.
NA: Not Analyzed.

TABLE 3

AIR EMISSIONS ANALYTICAL RESULTS
(micrograms per cubic meter)
MN Bio Business Center
221 1st Avenue SW
Rochester, MN

Sample ID	DPE-EFFLUENT 253	DPE - EFFLUENT 0680	DPE EXHAUST 842
Wells Operating	DPE-1	DPE-1	DPE-1
Sample Collection Method	Grab	Grab	Grab
Collected Date	10/15/2009	9/4/2009	4/9/2009
1,1,1-Trichloroethane	**4.2**	**127**	**4,450**
1,1,2,2-Tetrachloroethane	<2.1	<2.1	<2480
1,1,2-Trichloroethane	<1.6	<1.6	<1950
1,1,2-Trichlorotrifluoroethane	**97,900**	**153,000**	**2,940,000**
1,1-Dichloroethane	<1.2	<1.2	<1450
1,1-Dichloroethene	<1.2	15.0	<1440
1,2,4-Trichlorobenzene	<1.5	<1.5	<1760
1,2,4-Trimethylbenzene	<3.7	**10.2**	<4440
1,2-Dibromoethane (EDB)	<2.4	<2.4	<2840
1,2-Dichlorobenzene	<1.8	<1.8	<2130
1,2-Dichloroethane	<1.2	<1.2	<1450
1,2-Dichloropropane	<1.4	<1.4	<1670
1,3,5-Trimethylbenzene	<3.7	**5.0**	<4440
1,3-Butadiene	<0.67	<0.67	<798
1,3-Dichlorobenzene	<1.8	**6.0**	<2130
1,4-Dichlorobenzene	<1.8	**8.6**	<2130
2-Butanone (MEK)	<0.89	**15.8**	<1060
2-Hexanone	<1.2	<1.2	<1470
2-Propanol	<3.7	<3.7	<4440
4-Ethyltoluene	<3.7	**6.0**	<4440
4-Methyl-2-pentanone (MIBK)	<1.2	<1.2	<1470
Acetone	**501**	**7,510**	<852
Benzene	**1.5**	**2.3**	<1150
Bromodichloromethane	<2.1	<2.1	<2480
Bromoform	<3.1	<3.1	<3730
Bromomethane	<1.2	<1.2	<1400
Carbon disulfide	<0.93	**5.9**	<1120
Carbon tetrachloride	<1.9	<1.9	<2310
Chlorobenzene	<1.4	<1.4	<1670
Chloroethane	<0.80	<0.80	<958
Chloroform	<1.5	**21.5**	<1760
Chloromethane	<0.62	<0.62	<745
cis-1,2-Dichloroethene	**21.5**	**2,620**	**36,300**
cis-1,3-Dichloropropene	<1.4	<1.4	<1630
Cyclohexane	<1.0	**3.5**	<1210
Dibromochloromethane	<2.5	<2.5	<3020
Dichlorodifluoromethane	**2.8**	<1.5	**2,230**
Dichlorotetrafluoroethane	<2.1	<2.1	**3,400**
Ethanol	**8.4**	**5.7**	<3370
Ethyl acetate	<1.1	<1.1	<1300
Ethylbenzene	<1.3	<1.3	<1560
Hexachloro-1,3-butadiene	<3.3	<3.3	<3900
m&p-Xylene	**2.6**	**14.2**	<3120
Methylene Chloride	**276**	<1.1	<1260
Methyl-tert-butyl ether	<1.1	<1.1	<1300
Naphthalene	<4.0	**4.2**	**10,100**
n-Heptane	<1.2	**2.6**	<1470
n-Hexane	**35.4**	**3.4**	<1280
o-Xylene	<1.3	**4.8**	<1560
Propylene	<0.52	<0.52	<621
Styrene	<1.3	<1.3	<1540
Tetrachloroethene	**396,000**	**3,630,000**	**11,600,000**
Tetrahydrofuran	<0.89	**31.1**	<1060
Toluene	**10.3**	**14.4**	<1370
trans-1,2-Dichloroethene	<1.2	**4.2**	<1440
trans-1,3-Dichloropropene	<1.4	<1.4	<1630
Trichloroethene	**13.6**	**1,640**	**17,400**
Trichlorofluoromethane	**1.7**	**2.2**	<1950
Vinyl acetate	<1.1	**8.7**	<1260
Vinyl chloride	<0.77	<0.77	<923
Total VOCs	**494,779**	**3,795,077**	**14,603,780**

Notes:
Bold: parameter detected above the repor
NA: Not Analyzed.

TABLE 4

RASS EMISSIONS RATES SUMMARY
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	DPE Wells Operating	Parameter	Concentration (ug/m^3)	Emissions Rates				
				DPE (ug per sec)	AS (ug per sec)	Site Specific (ug per sec)	SER for Chronic Risk (ug per sec)	SER for Acute Risk (ug per sec)
9/4/2009	DPE-1	Tetrachloroethylene	3,630,000	61,710	70	**61,780**	16,300	5,980,000
10/15/2009	DPE-1	Tetrachloroethylene	396,000	5,940	6	5,946	16,300	5,980,000
10/16/2009	All Wells	Tetrachloroethylene	571,000	8,565	6	8,571	16,300	5,980,000
11/17/2009	All Wells	Tetrachloroethylene	381,000	4,953	0.5	4,953	16,300	5,980,000
12/17/2009	All Wells	Tetrachloroethylene	6,790	197	0.5	197	16,300	5,980,000
1/14/2010	All Wells	Tetrachloroethylene	8,550,000	393,300	4	**393,304**	16,300	5,980,000
2/22/2010	All Wells	Tetrachloroethylene	1,720,000	82,560	1	**82,561**	16,300	5,980,000

Notes:
SERs: MPCA Screening Emissions Rates
61,780 Emissions rate is above MPCA SER

Table 5

Mass Removal from Groundwater Treatment System
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Monitoring Period		Days per Period	Hours per Period	Flow Meter Reading (gallons)	Gallons Treated During Period	Average Flow Rate (gpm)	Average Flow Rate (liter/sec)	Total VOCs		% Reduction	Mass Removed per Period (lbs)	Cumulative Mass Removed (lbs)	Addition to Emission Rate (lbs/day)
Start Date[1]	End Date							Influent Conc. (ug/L)	Effluent Conc. (ug/L)				
4/9/2009[2]	4/9/2009	0	2	119	51	0.4	0.027	176,343	NA	NA	NA	NA	NA
6/4/2009	6/4/2009[3]	0	2	192	73	0.6	0.038	4,630	8,991	-94	NA	NA	NA
6/4/2009	7/9/2009	11	264	16,115	15,923	1.0	0.063	1,547	479	69	0.14	0.14	0.01
7/9/2009	9/4/2009	57	1368	38,299	22,184	0.3	0.017	191	20	90	0.03	0.17	0.001
9/4/2009	10/15/2009	41	984	62,643	24,344	0.4	0.026	238	0	100	0.05	0.22	0.001
10/15/2009	11/16/2009	32	768	73,800	11,157	0.2	0.015	31	0	100	0.00	0.22	0.000
11/16/2009	12/17/2009[4]	31	744	89,800	16,000	0.4	0.023	24	12	50	0.00	0.23	0.000
12/17/2009	1/14/2010	28	672	106,024	16,224	0.4	0.025	309	32	90	0.04	0.26	0.001
1/14/2010	2/22/2010	39	936	122,167	16,143	0.3	0.018	73	16	78	0.01	0.27	0.000

Notes:

1. The initial reading of the transfer pump totalizer was 68 gallons.
2. Initial sampling event to determine if groundwater treatment was necessary.
3. Increase in total VOCs was from PVC glue and cement that was used during the construction of the DPE system and air stripper.
4. Based on the PCE concentrations in the AS-Influent and AS-Effluent samples, it appears as if the samples were mislabeled or mixed up at the lab. Therefore, the influent and effluent total VOC data in this table has been changed to show the highest total VOC concentration data as the influent data and the lowest total VOC concentration as the effluent data.

TABLE 6

GROUNDWATER DISCHARGE ANALYTICAL RESULTS
(micrograms per liter)
MN Bio Business Center
221 1st Avenue SW
Rochester, MN

Sample ID	AS-Influent	AS-Effluent	AS-Influent	AS-Effluent	AS-Influent	AS-IN Vial 2	AS-Effluent
Collected Date	2/22/2010 14:30	2/22/2010 14:45	1/14/2010 9:30	1/14/2010 9:40	12/17/2009 10:00	12/17/2009 10:00	12/17/2009 10:01
1,1,1,2-Tetrachloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
1,1,2-Trichlorotrifluoroethane	**2.1**	<1.0	**1.3**	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
1,2-Dibromoethane (EDB)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone (MEK)	<4.0	<4.0	**7.0**	<4.0	<4.0	<4.0	<4.0
2-Chloroethylvinyl ether	<10.0	<10.0	<25.0	<25.0	<25.0	<25.0	<25.0
2-Chlorotoluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
2-Methylnaphthalene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chlorotoluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-pentanone (MIBK)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	<10.0	<10.0	**14.6**	<10.0	<10.0	<10.0	<10.0
Acrolein	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0
Acrylonitrile	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Allyl chloride	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Benzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Bromoform	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
Bromomethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Carbon disulfide	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	<4.0	<4.0	**98.5**	**31.9**	<1.0	<1.0	**1.3**
Chloroprene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	**1.3**	<1.0	**1.0**	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Dibromochloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorofluoromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Diethyl ether (Ethyl ether)	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Ethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachloro-1,3-butadiene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Iodomethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Isopropylbenzene (Cumene)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m&p-Xylene	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methylene Chloride	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Methyl-tert-butyl ether	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
n-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
o-Xylene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	**69.6**	<1.0	**157**	<1.0	<1.0	<1.0	**22.7**
Tetrahydrofuran	<10.0	**15.7**	**29.4**	<10.0	**11.7**	**11.5**	<10.0
Toluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Trichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Vinyl acetate	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0
Vinyl chloride	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Xylene (Total)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Total VOC Concentration	**73**	**15.7**	**308.8**	**31.9**	**11.7**	**11.5**	**24**

Bold : Parameter detected above the reporting limit.

Bold : Total VOC Concentration is above discharge limit of 2,140 ug/L.

[1]: Initial sampling event to determine if groundwater treatment was necessary.

[2]: Increase in VOCs was from PVC glue and cement that was used during the construction of the DPE system and air stripper.

TABLE 6

GROUNDWATER DISCHARGE ANALYTICAL RESULTS
(micrograms per liter)
MN Bio Business Center
221 1st Avenue SW
Rochester, MN

Sample ID	AS-INFLUENT	AS-EFFLUENT	AS-Influent	AS-Effluent	AS-Influent	AS-Effluent	AS-INFLUENT	AS-EFFLUENT
Collected Date	11/16/2009 10:10	11/16/2009 10:20	10/15/2009 14:50	10/15/2009 14:50	9/4/2009 10:55	9/4/2009 10:55	7/9/2009 12:20	7/9/2009 12:25
1,1,1,2-Tetrachloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1,2,2-Tetrachloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1,2-Trichloroethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
1,1,2-Trichlorotrifluoroethane	<1.0	<1.0	**1.4**	<1.0	**1.2**	<1.0	**10.4**	<1.0
1,1-Dichloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1-Dichloropropene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2,3-Trichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2,3-Trichloropropane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2,4-Trichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2,4-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2-Dibromo-3-chloropropane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
1,2-Dibromoethane (EDB)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2-Dichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2-Dichloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2-Dichloropropane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,3,5-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,3-Dichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,3-Dichloropropane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,4-Dichlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
2,2-Dichloropropane	<4.0	<4.0	<4.0	<4.0	<1.0	<1.0	<5.0	<1.0
2-Butanone (MEK)	<4.0	<4.0	**5.4**	<4.0	**13.5**	**19.8**	<20.0	**82.1**
2-Chloroethylvinyl ether	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0
2-Chlorotoluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
2-Hexanone	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
2-Methylnaphthalene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0
4-Chlorotoluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
4-Methyl-2-pentanone (MIBK)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0
Acetone	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	**68.7**
Acrolein	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<200	<40.0
Acrylonitrile	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<50.0	<10.0
Allyl chloride	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Benzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Bromobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Bromochloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Bromodichloromethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Bromoform	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<40.0	<8.0
Bromomethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Carbon disulfide	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Carbon tetrachloride	<4.0	<4.0	<4.0	<4.0	<1.0	<1.0	<5.0	<1.0
Chlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Chloroform	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Chloromethane	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	**63.3**	**76.4**
Chloroprene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
cis-1,2-Dichloroethene	<1.0	<1.0	**1.5**	<1.0	**1.5**	<1.0	**13.0**	<1.0
cis-1,3-Dichloropropene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Dibromochloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Dibromomethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Dichlorodifluoromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Dichlorofluoromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Diethyl ether (Ethyl ether)	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Ethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Hexachloro-1,3-butadiene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Iodomethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Isopropylbenzene (Cumene)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
m&p-Xylene	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0
Methylene Chloride	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Methyl-tert-butyl ether	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Naphthalene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
n-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
n-Propylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
o-Xylene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
p-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
sec-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Styrene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
tert-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Tetrachloroethene	**30.7**	<1.0	**214**	<1.0	**175**	<1.0	**1460**	<1.0
Tetrahydrofuran	<10.0	<10.0	**15.7**	<10.0	<10.0	<10.0	<50.0	**252**
Toluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
trans-1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
trans-1,3-Dichloropropene	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Trichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Trichlorofluoromethane	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<20.0	<4.0
Vinyl acetate	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<100	<20.0
Vinyl chloride	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<2.0	<0.40
Xylene (Total)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<15.0	<3.0
Total VOC Concentration	**30.7**	**0**	**238**	**0**	**191.2**	**19.8**	**1,546.7**	**479.2**

TABLE 6

GROUNDWATER DISCHARGE ANALYTICAL RESULTS
(micrograms per liter)
MN Bio Business Center
221 1st Avenue SW
Rochester, MN

Sample ID	AS INFLUENT	AS EFFLUENT[2]	DPE Discharge[1]
Collected Date	06/04/2009 17:00	06/04/2009 17:25	04/09/2009 16:35
1,1,1,2-Tetrachloroethane	<50.0	<1.0	<5.0
1,1,1-Trichloroethane	<50.0	<1.0	**29.4**
1,1,2,2-Tetrachloroethane	<50.0	<1.0	<5.0
1,1,2-Trichloroethane	<200	<4.0	<20.0
1,1,2-Trichlorotrifluoroethane	**53.7**	<1.0	**7860**
1,1-Dichloroethane	<50.0	<1.0	<5.0
1,1-Dichloroethene	<50.0	<1.0	<5.0
1,1-Dichloropropene	<50.0	<1.0	<5.0
1,2,3-Trichlorobenzene	<50.0	<1.0	<5.0
1,2,3-Trichloropropane	<50.0	<1.0	<5.0
1,2,4-Trichlorobenzene	<50.0	<1.0	<5.0
1,2,4-Trimethylbenzene	<50.0	<1.0	**26.0**
1,2-Dibromo-3-chloropropane	<200	<4.0	<20.0
1,2-Dibromoethane (EDB)	<50.0	<1.0	<5.0
1,2-Dichlorobenzene	<50.0	<1.0	<5.0
1,2-Dichloroethane	<50.0	<1.0	<5.0
1,2-Dichloropropane	<50.0	<1.0	<5.0
1,3,5-Trimethylbenzene	<50.0	<1.0	**7.1**
1,3-Dichlorobenzene	<50.0	<1.0	<5.0
1,3-Dichloropropane	<50.0	<1.0	<5.0
1,4-Dichlorobenzene	<50.0	<1.0	**7.8**
2,2-Dichloropropane	<50.0	<1.0	<5.0
2-Butanone (MEK)	<200	**1670**	**392**
2-Chloroethylvinyl ether	<1250	<25.0	<50.0
2-Chlorotoluene	<50.0	<1.0	**51.0**
2-Hexanone	<200	<4.0	<20.0
2-Methylnaphthalene	<250	<5.0	<25.0
4-Chlorotoluene	<50.0	<1.0	<5.0
4-Methyl-2-pentanone (MIBK)	<250	<5.0	<25.0
Acetone	<500	**987**	<50.0
Acrolein	<2000	<40.0	<200
Acrylonitrile	<500	<10.0	<50.0
Allyl chloride	<200	<4.0	<20.0
Benzene	<50.0	<1.0	<5.0
Bromobenzene	<50.0	<1.0	<5.0
Bromochloromethane	<50.0	<1.0	<5.0
Bromodichloromethane	<200	<4.0	<20.0
Bromoform	<400	<8.0	<40.0
Bromomethane	<200	<4.0	<20.0
Carbon disulfide	<50.0	<1.0	<5.0
Carbon tetrachloride	<50.0	<1.0	<5.0
Chlorobenzene	<50.0	<1.0	<5.0
Chloroethane	<50.0	<1.0	<5.0
Chloroform	<50.0	<1.0	<5.0
Chloromethane	<50.0	<1.0	<5.0
Chloroprene	<50.0	<1.0	<5.0
cis-1,2-Dichloroethene	**62.9**	<1.0	**206**
cis-1,3-Dichloropropene	<200	<4.0	<20.0
Dibromochloromethane	<50.0	<1.0	<5.0
Dibromomethane	<50.0	<1.0	<5.0
Dichlorodifluoromethane	<50.0	<1.0	<5.0
Dichlorofluoromethane	<50.0	<1.0	<5.0
Diethyl ether (Ethyl ether)	<200	<4.0	<20.0
Ethylbenzene	<50.0	<1.0	<5.0
Hexachloro-1,3-butadiene	<200	<4.0	<20.0
Iodomethane	<200	<4.0	<20.0
Isopropylbenzene (Cumene)	<50.0	<1.0	<5.0
m&p-Xylene	<100	<2.0	<10.0
Methylene Chloride	<200	<4.0	<20.0
Methyl-tert-butyl ether	<50.0	<1.0	<5.0
Naphthalene	<200	<4.0	<20.0
n-Butylbenzene	<50.0	<1.0	5.0
n-Propylbenzene	<50.0	<1.0	<5.0
o-Xylene	<50.0	<1.0	<5.0
p-Isopropyltoluene	<50.0	<1.0	<5.0
sec-Butylbenzene	<50.0	<1.0	<5.0
Styrene	<50.0	<1.0	<5.0
tert-Butylbenzene	<50.0	<1.0	<5.0
Tetrachloroethene	**3970**	**33.8**	**167000**
Tetrahydrofuran	**543**	**6300**	**600**
Toluene	<50.0	<1.0	<5.0
trans-1,2-Dichloroethene	<50.0	<1.0	<5.0
trans-1,3-Dichloropropene	<200	<4.0	<20.0
Trichloroethene	<50.0	<1.0	**159**
Trichlorofluoromethane	<200	<4.0	<20.0
Vinyl acetate	<1000	<20.0	<100
Vinyl chloride	<20.0	<0.40	<2.0
Xylene (Total)	<150	<3.0	<15.0
Total VOC Concentration	4,566.7	8,990.8	176,338.3

TABLE 7

GROUNDWATER ELEVATIONS
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Well ID	Date Measured	Top of Casing Elevation[1,2]	Depth to Groundwater (feet)	Groundwater Elevation[3]	System Status
MW-14	12/3/2008	989.50	10.82	978.68	pre-system installation
MW-14	6/8/2009	989.50	12.40	977.10	pre-system startup
MW-14	7/9/2009	989.50	12.90	976.60	DPE system on DPE-1
MW-14	7/9/2009	989.50	12.51	976.99	DPE system temporarily off
MW-14	9/4/2009	989.50	12.63	976.87	DPE system on
MW-14	9/4/2009	989.50	12.57	976.93	DPE system on after replacing inlet screen
MW-14	9/4/2009	989.50	12.65	976.85	DPE system on after replacing inlet filter
MW-14	10/15/2009	989.50	12.47	977.03	DPE system on DPE-1
MW-14	10/23/2009	989.50	11.33	978.17	DPE system off
MW-14	11/16/2009	989.50	11.87	977.63	DPE System on all wells
MW-14	12/17/2009	989.50	11.66	977.84	DPE System on all wells
MW-14	1/14/2010	989.50	12.14	977.36	DPE System on all wells
MW-14	2/22/2010	989.50	12.51	976.99	DPE System on all wells
MW-15	12/3/2008	991.50	13.11	978.39	pre-system installation
MW-15	6/8/2009	991.50	15.58	975.92	pre-system startup
MW-15	7/9/2009	991.50	15.94	975.56	DPE system on DPE-1
MW-15	7/9/2009	991.50	16.51	974.99	DPE system temporarily off
MW-15	9/4/2009	991.50	15.73	975.77	DPE system on
MW-15	9/4/2009	991.50	15.90	975.60	DPE system on after replacing inlet screen
MW-15	9/4/2009	991.50	16.01	975.49	DPE system on after replacing inlet filter
MW-15	10/15/2009	991.50	15.38	976.12	DPE system on DPE-1
MW-15	10/23/2009	991.50	14.14	977.36	DPE system off
MW-15	11/16/2009	991.50	13.78	977.72	DPE System on all wells
MW-15	12/17/2009	991.50	14.25	977.25	DPE System on all wells
MW-15	1/14/2010	991.50	14.33	977.17	DPE System on all wells
MW-15	2/22/2010	991.50	15.72	975.78	DPE System on all wells
MW-16	12/3/2008	989.44	12.32	977.12	pre-system installation
MW-16	6/8/2009	989.44	14.82	974.62	pre-system startup
MW-16	7/9/2009	989.44	14.23	975.21	DPE system on DPE-1
MW-16	7/9/2009	989.44	13.19	976.25	DPE system temporarily off
MW-16	9/4/2009	989.44	13.70	975.74	DPE system on
MW-16	9/4/2009	989.44	14.25	975.19	DPE system on after replacing inlet screen
MW-16	9/4/2009	989.44	14.58	974.86	DPE system on after replacing inlet filter
MW-16	10/15/2009	989.44	13.61	975.83	DPE system on DPE-1
MW-16	10/23/2009	989.44	11.89	977.55	DPE system off
MW-16	11/16/2009	989.44	11.44	978.00	DPE System on all wells
MW-16	12/17/2009	989.44	14.17	975.27	DPE System on all wells
MW-16	1/14/2010	989.44	12.57	976.87	DPE System on all wells
MW-16	2/22/2010	989.44	13.68	975.76	DPE System on all wells
MW-17	12/3/2008	989.53	12.81	976.72	pre-system installation
MW-17	6/8/2009	989.53	13.69	975.84	pre-system startup
MW-17	7/9/2009	989.53	14.44	975.09	DPE system on DPE-1
MW-17	7/9/2009	989.53	14.35	975.18	DPE system temporarily off
MW-17	9/4/2009	989.53	14.31	975.22	DPE system on

TABLE 7

GROUNDWATER ELEVATIONS
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Well ID	Date Measured	Top of Casing Elevation[1,2]	Depth to Groundwater (feet)	Groundwater Elevation[3]	System Status
MW-17	9/4/2009	989.53	14.33	975.20	DPE system on after replacing inlet screen
MW-17	9/4/2009	989.53	14.39	975.14	DPE system on after replacing inlet filter
MW-17	10/15/2009	989.53	14.00	975.53	DPE system on DPE-1
MW-17	10/23/2009	989.53	13.13	976.40	DPE system off
MW-17	11/16/2009	989.53	12.76	976.77	DPE System on all wells
MW-17	12/17/2009	989.53	13.04	976.49	DPE System on all wells
MW-17	1/14/2010	989.53	13.22	976.31	DPE System on all wells
MW-17	2/22/2010	989.53	14.37	975.16	DPE System on all wells
MW-18	12/3/2008	989.50	13.82	975.68	pre-system installation
MW-18	6/8/2009	989.50	14.22	975.28	pre-system startup
MW-18	7/9/2009	989.50	16.61	972.89	DPE system on DPE-1
MW-18	7/9/2009	989.50	15.61	973.89	DPE system temporarily off
MW-18	9/4/2009	989.50	15.37	974.13	DPE system on
MW-18	9/4/2009	989.50	15.38	974.12	DPE system on after replacing inlet screen
MW-18	9/4/2009	989.50	15.40	974.10	DPE system on after replacing inlet filter
MW-18	10/15/2009	989.50	15.18	974.32	DPE system on DPE-1
MW-18	10/23/2009	989.50	14.28	975.22	DPE system off
MW-18	11/16/2009	989.50	13.83	975.67	DPE System on all wells
MW-18	12/17/2009	989.50	13.85	975.65	DPE System on all wells
MW-18	1/14/2010	989.50	13.96	975.54	DPE System on all wells
MW-18	2/22/2010	989.50	15.49	974.01	DPE System on all wells
MW-19	12/3/2008	991.13	12.45	978.68	pre-system installation
MW-19	6/8/2009	991.13	13.40	977.73	pre-system startup
MW-19	7/9/2009	991.13	14.75	976.38	DPE system on DPE-1
MW-19	7/9/2009	991.13	14.58	976.55	DPE system temporarily off
MW-19	9/4/2009	991.13	14.68	976.45	DPE system on
MW-19	9/4/2009	991.13	14.61	976.52	DPE system on after replacing inlet screen
MW-19	9/4/2009	991.13	14.66	976.47	DPE system on after replacing inlet filter
MW-19	10/15/2009	991.13	14.47	976.66	DPE system on DPE-1
MW-19	10/23/2009	991.13	13.28	977.85	DPE system off
MW-19	11/16/2009	991.13	12.85	978.28	DPE System on all wells
MW-19	12/17/2009	991.13	13.69	977.44	DPE System on all wells
MW-19	1/14/2010	991.13	13.78	977.35	DPE System on all wells
MW-19	2/22/2010	991.13	14.62	976.51	DPE System on all wells
MW-20	12/3/2008	991.50	12.40	979.10	pre-system installation
MW-20	6/8/2009	991.50	11.93	979.57	pre-system startup
MW-20	7/9/2009	991.50	12.19	979.31	DPE system on DPE-1
MW-20	7/9/2009	991.50	12.24	979.26	DPE system temporarily off
MW-20	9/4/2009	991.50	12.53	978.97	DPE system on
MW-20	9/4/2009	991.50	12.47	979.03	DPE system on after replacing inlet screen
MW-20	9/4/2009	991.50	12.49	979.01	DPE system on after replacing inlet filter
MW-20	10/15/2009	991.50	12.16	979.34	DPE system on DPE-1
MW-20	10/23/2009	991.50	11.33	980.17	DPE system off
MW-20	11/16/2009	991.50	11.02	980.48	DPE System on all wells

TABLE 7

GROUNDWATER ELEVATIONS
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Well ID	Date Measured	Top of Casing Elevation[1,2]	Depth to Groundwater (feet)	Groundwater Elevation[3]	System Status
MW-20	12/17/2009	991.50	12.31	979.19	DPE System on all wells
MW-20	1/14/2010	991.50	12.34	979.16	DPE System on all wells
MW-20	2/22/2010	991.50	12.78	978.72	DPE System on all wells
DPE-1	12/3/2008	991.46	13.66	977.80	pre-system installation
DPE-1	6/8/2009	992.40	18.78	973.62	pre-system startup
DPE-1	7/9/2009	992.40	20.51	971.89	DPE system on DPE-1
DPE-1	7/9/2009	992.40	16.38	976.02	DPE system temporarily off
DPE-1	9/4/2009	992.40	na		DPE system on DPE-1
DPE-1	9/4/2009	992.40	na		DPE-1 on after replacing inlet screen
DPE-1	9/4/2009	992.40	17.86	974.54	DPE-1 on after replacing inlet filter
DPE-1	10/15/2009	992.40	na		DPE system on DPE-1
DPE-1	10/23/2009	992.40	14.88	977.52	DPE system off
DPE-1	11/16/2009	992.40	14.45	977.95	DPE System on all wells
DPE-1	12/17/2009	992.40	15.13	977.27	DPE System on all wells
DPE-1	1/14/2010	992.40	15.53	976.87	DPE System on all wells
DPE-1	2/22/2010	992.40	12.22	980.18	DPE System on all wells
DPE-2	12/3/2008	991.46	13.60	977.86	pre-system installation
DPE-2	6/8/2009	992.80	17.45	975.35	pre-system startup
DPE-2	7/9/2009	992.80	17.61	975.19	DPE system on DPE-1
DPE-2	7/9/2009	992.80	16.83	975.97	DPE system temporarily off
DPE-2	9/4/2009	992.80	17.18	975.62	DPE system on DPE-1
DPE-2	9/4/2009	992.80	17.26	975.54	DPE-1 on after replacing inlet screen
DPE-2	9/4/2009	992.80	17.54	975.26	DPE-1 on after replacing inlet filter
DPE-2	10/15/2009	992.80	16.96	975.84	DPE system on DPE-1
DPE-2	10/23/2009	992.80	15.53	977.27	DPE system off
DPE-2	11/16/2009	992.80	15.19	977.61	DPE System on all wells
DPE-2	12/17/2009	992.80	15.69	977.11	DPE System on all wells
DPE-2	1/14/2010	992.80	16.04	976.76	DPE System on all wells
DPE-2	2/22/2010	992.80	14.19	978.61	DPE System on all wells
DPE-3	12/3/2008	991.50	10.30	981.20	pre-system installation
DPE-3	6/8/2009	992.48	13.64	978.84	pre-system startup
DPE-3	7/9/2009	992.48	13.98	978.50	DPE system on DPE-1
DPE-3	7/9/2009	992.48	14.06	978.42	DPE system temporarily off
DPE-3	9/4/2009	992.48	14.48	978.00	DPE system on DPE-1
DPE-3	9/4/2009	992.48	14.49	977.99	DPE-1 on after replacing inlet screen
DPE-3	9/4/2009	992.48	14.50	977.98	DPE-1 on after replacing inlet filter
DPE-3	10/15/2009	992.48	14.87	977.61	DPE system on DPE-1
DPE-3	10/23/2009	992.48	14.76	977.72	DPE system off
DPE-3	11/16/2009	992.48	14.59	977.89	DPE System on all wells
DPE-3	12/17/2009	992.48	15.28	977.20	DPE System on all wells
DPE-3	1/14/2010	992.48	16.52	975.96	DPE System on all wells
DPE-3	2/22/2010	992.48	15.29	977.19	DPE System on all wells
DPE-4	12/3/2008	991.39	14.20	977.19	pre-system installation

TABLE 7

GROUNDWATER ELEVATIONS
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Well ID	Date Measured	Top of Casing Elevation[1,2]	Depth to Groundwater (feet)	Groundwater Elevation[3]	System Status
DPE-4	6/8/2009	992.40	15.30	977.10	pre-system startup
DPE-4	7/9/2009	992.40	16.95	975.45	DPE system on DPE-1
DPE-4	7/9/2009	992.40	16.08	976.32	DPE system temporarily off
DPE-4	9/4/2009	992.40	15.94	976.46	DPE system on DPE-1
DPE-4	9/4/2009	992.40	15.91	976.49	DPE-1 on after replacing inlet screen
DPE-4	9/4/2009	992.40	15.99	976.41	DPE-1 on after replacing inlet filter
DPE-4	10/15/2009	992.40	15.83	976.57	DPE system on DPE-1
DPE-4	10/23/2009	992.40	14.81	977.59	DPE system off
DPE-4	11/16/2009	992.40	14.48	977.92	DPE System on all wells
DPE-4	12/17/2009	992.40	15.44	976.96	DPE System on all wells
DPE-4	1/14/2010	992.40	16.08	976.32	DPE System on all wells
DPE-4	2/22/2010	992.40	16.08	976.32	DPE System on all wells
DPE-5	12/3/2008	991.47	12.44	979.03	pre-system installation
DPE-5	6/8/2009	992.46	14.48	977.98	pre-system startup
DPE-5	7/9/2009	992.46	16.28	976.18	DPE system on DPE-1
DPE-5	7/9/2009	992.46	15.31	977.15	DPE system temporarily off
DPE-5	9/4/2009	992.46	15.08	977.38	DPE system on DPE-1
DPE-5	9/4/2009	992.46	15.04	977.42	DPE-1 on after replacing inlet screen
DPE-5	9/4/2009	992.46	15.03	977.43	DPE-1 on after replacing inlet filter
DPE-5	10/15/2009	992.46	14.99	977.47	DPE system on DPE-1
DPE-5	10/23/2009	992.46	13.78	978.68	DPE system off
DPE-5	11/16/2009	992.46	13.43	979.03	DPE System on all wells
DPE-5	12/17/2009	992.46			DPE System on all wells
DPE-5	1/14/2010	992.46	15.00	977.46	DPE System on all wells
DPE-5	2/22/2010	992.46	15.01	977.45	DPE System on all wells
DPE-6	12/3/2008	991.44	12.93	978.51	pre-system installation
DPE-6	6/8/2009	992.40	16.19	976.21	pre-system startup
DPE-6	7/9/2009	992.40	16.54	975.86	DPE system on DPE-1
DPE-6	7/9/2009	992.40	15.92	976.48	DPE system temporarily off
DPE-6	9/4/2009	992.40	15.68	976.72	DPE system on DPE-1
DPE-6	9/4/2009	992.40	15.65	976.75	DPE-1 on after replacing inlet screen
DPE-6	9/4/2009	992.40	15.81	976.59	DPE-1 on after replacing inlet filter
DPE-6	10/15/2009	992.40	15.94	976.46	DPE system on DPE-1
DPE-6	10/23/2009	992.40	14.56	977.84	DPE system off
DPE-6	11/16/2009	992.40	14.24	978.16	DPE System on all wells
DPE-6	12/17/2009	992.40	14.89	977.51	DPE System on all wells
DPE-6	1/14/2010	992.40	15.14	977.26	DPE System on all wells
DPE-6	2/22/2010	992.40	15.61	976.79	DPE System on all wells
DPE-7	12/3/2008	991.47	12.96	978.51	pre-system installation
DPE-7	6/8/2009	993.48	16.78	976.70	pre-system startup
DPE-7	7/9/2009	993.48	17.76	975.72	DPE system on DPE-1
DPE-7	7/9/2009	993.48	17.16	976.32	DPE system temporarily off
DPE-7	9/4/2009	993.48	17.03	976.45	DPE system on DPE-1
DPE-7	9/4/2009	993.48	17.00	976.48	DPE-1 on after replacing inlet screen

TABLE 7

GROUNDWATER ELEVATIONS
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Well ID	Date Measured	Top of Casing Elevation[1,2]	Depth to Groundwater (feet)	Groundwater Elevation[3]	System Status
DPE-7	9/4/2009	993.48	17.18	976.30	DPE-1 on after replacing inlet filter
DPE-7	10/15/2009	993.48	16.80	976.68	DPE system on DPE-1
DPE-7	10/23/2009	993.48	15.68	977.80	DPE system off
DPE-7	11/16/2009	993.48	15.44	978.04	DPE System on all wells
DPE-7	12/17/2009	993.48	16.03	977.45	DPE System on all wells
DPE-7	1/14/2010	993.48	16.26	977.22	DPE System on all wells
DPE-7	2/22/2010	993.48	16.98	976.50	DPE System on all wells
DPE-8	12/3/2008	991.48	12.56	978.92	pre-system installation
DPE-8	6/8/2009	992.84	14.50	978.34	pre-system startup
DPE-8	7/9/2009	992.84	14.57	978.27	DPE system on DPE-1
DPE-8	7/9/2009	992.84	14.49	978.35	DPE system temporarily off
DPE-8	9/4/2009	992.84	14.29	978.55	DPE system on DPE-1
DPE-8	9/4/2009	992.84	14.31	978.53	DPE-1 on after replacing inlet screen
DPE-8	9/4/2009	992.84	14.28	978.56	DPE-1 on after replacing inlet filter
DPE-8	10/15/2009	992.84	14.01	978.83	DPE system on DPE-1
DPE-8	10/23/2009	992.84	13.18	979.66	DPE system off
DPE-8	11/16/2009	992.84	13.30	979.54	DPE System on all wells
DPE-8	12/17/2009	992.84	15.31	977.53	DPE System on all wells
DPE-8	1/14/2010	992.84	16.58	976.26	DPE System on all wells
DPE-8	2/22/2010	992.84	14.19	978.65	DPE System on all wells
Elevator Draintile Sump	6/8/2009	989.58	7.00	982.58	pre-system startup
Elevator Draintile Sump	6/25/2009	990.20	6.34	983.86	pre-system startup
Elevator Draintile Sump	7/9/2009	990.20	6.38	983.82	DPE system on DPE-1
Elevator Draintile Sump	9/4/2009	990.20	6.29	983.91	DPE system on DPE-1
Elevator Draintile Sump	10/15/2009	990.20	6.18	984.02	DPE system on DPE-1
Elevator Draintile Sump	10/23/2009	990.20	6.08	984.12	DPE system off
Elevator Draintile Sump	11/16/2009	990.20	5.72	984.48	DPE System on all wells
Elevator Draintile Sump	12/17/2009	990.20	6.48	983.72	DPE System on all wells

TABLE 7

GROUNDWATER ELEVATIONS
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Well ID	Date Measured	Top of Casing Elevation[1,2]	Depth to Groundwater (feet)	Groundwater Elevation[3]	System Status
Elevator Draintile Sump	1/14/2010	990.20	6.46	983.74	DPE System on all wells
Elevator Draintile Sump	2/22/2010	990.20	6.81	983.39	DPE System on all wells

Notes:

1. Monitoring well top of casing elevations were surveyed by Adolfson and Peterson on 4/22/08.
2. DPE well top of casing elevations changed during DPE well head installation and were estimated from a basement floor elevation of 989.5 ft and include the distance from the floor to the top of the well seal cover and the distance from the well seal cover to the top of the PVC stickup for collecting water level readings.
3. Elevations are in feet above mean sea level.

TABLE 8

WELL CONSTRUCTION SUMMARY
(elevations are in feet above mean sea level)

MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Monitoring Well	Top of Casing Elevation[1,2]	Basement Floor Elevation	Top of Seal Elevation	Top of Filter Pack Elevation	Top of Well Screen Elevation	Bottom of Well Screen Elevation	Screen Interval (feet)	Depth to Bottom of Well (feet)	Bottom of Well Elevation	Well Completion
MW-14	989.50	989.50	989.50	986.00	984.00	974.00	10	17.5	972.00	flush-mounted
MW-15	991.50	989.50	990.50	987.50	985.50	975.50	10	18.0	973.50	stickup
MW-16	989.44	989.50	989.94	985.44	983.44	973.44	10	18.0	971.44	flush-mounted
MW-17	989.53	989.50	989.03	973.53	971.53	966.53	5	25.0	964.53	flush-mounted
MW-18	989.50	989.50	989.25	938.50	936.50	931.50	5	60.0	929.50	flush-mounted
MW-19	991.13	989.50	990.63	984.13	983.13	973.13	10	20.0	971.13	stickup
MW-20	991.50	989.50	992.80	988.80	986.80	976.80	10	16.7	974.80	stickup
DPE-1	992.40	989.50	989.53	984.53	982.53	970.53	12	21.9	970.53	stickup
DPE-2	992.80	989.50	990.28	986.28	984.28	972.28	12	20.5	972.28	stickup
DPE-3	992.48	989.50	990.42	989.42	987.42	975.42	12	17.1	975.42	stickup
DPE-4	992.40	989.50	990.07	987.07	985.07	973.07	12	19.3	973.07	stickup
DPE-5	992.46	989.50	990.32	987.32	986.32	974.32	12	18.1	974.32	stickup
DPE-6	992.40	989.50	989.87	986.87	984.87	972.87	12	19.5	972.87	stickup
DPE-7	993.48	989.50	990.32	984.32	983.32	971.32	12	22.2	971.32	stickup
DPE-8	992.84	989.50	990.84	989.34	987.34	975.34	12	17.5	975.34	stickup

Notes:

1. Monitoring well top of casing elevations were surveyed by Adolfson and Peterson on 4/22/08.
2. DPE well top of casing elevations changed during DPE well head installation and were estimated from a basement floor elevation of 989.5 ft and include the distance from the floor to the top of the well seal cover and the distance from the well seal cover to the top of the PVC stickup for collecting water level readings.

TABLE 9

PCE GROUNDWATER CONCENTRATION DATA
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Sample ID	Date	PCE Conc. (ug/L)	% Change
MW-14	12/3/2008	30.6	
	10/1/2009	4.2	-86
	11/16/2009	7.1	-77
	2/23/2010	3.0	-90
MW-15	12/10/2008	104	
	10/1/2009	15.7	-85
	11/16/2009	9.5	-91
	2/22/2010	5.7	-95
MW-16	12/3/2008	14,100	
	10/1/2009	6,890	-51
	11/16/2009	21,000	49
	2/22/2010	4,390	-69
MW-17	12/3/2008	363	
	10/1/2009	803	121
	11/16/2009	1,100	203
	2/22/2010	639	76
MW-18	12/3/2008	257	
	10/1/2009	250	-3
	11/16/2009	130	-49
	2/22/2010	96.8	-62
MW-19	12/3/2008	2.4	
	9/24/2009	17.4	625
	11/16/2009	13.6	467
	2/23/2010	12.9	438
MW-20	12/10/2008	599	
	10/1/2009	713	19
	11/16/2009	307	-49
	2/23/2010	402	-33

TABLE 9

PCE GROUNDWATER CONCENTRATION DATA
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Sample ID	Date	PCE Conc. (ug/L)	% Change
DPE-1	8/7/2008	157,000	
	12/10/2008	161,000	
	9/28/2009	6,820	-96
	11/16/2009	3,330	-98
	2/22/2010	2,610	-98
DPE-2	12/10/2008	38,200	
	9/28/2009	32,000	-16
	11/17/2009	10,600	-72
	2/22/2010	2,710	-93
DPE-3	12/10/2008	152,000	
	9/28/2009	20,300	-87
	11/17/2009	34,600	-77
	2/22/2010	806	-99
DPE-4	12/10/2008	35,600	
	9/28/2009	7,340	-79
	11/17/2009	5,040	-86
	2/22/2010	429	-99
DPE-5	12/10/2008	1,340	
	9/24/2009	875	-35
	11/17/2009	1,450	8
	2/22/2010	486	-64
DPE-6	12/10/2008	188	
	9/24/2009	79.3	-58
	11/17/2009	104	-45
	2/22/2010	57.8	-69
DPE-7	12/10/2008	22.3	
	9/24/2009	5.2	-77
	11/17/2009	55.2	148
	2/22/2010	7.3	-67
DPE-8	12/10/2008	14,200	
	9/24/2009	1,850	-87
	11/17/2009	1,480	-90
	2/22/2010	90.3	-99

TABLE 10

GROUNDWATER ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Sample ID	MDH Health Risk Limits	DPE-1	DPE-1	DPE-1	DPE-1	DPE-1	DPE-2	DPE-2	DPE-2	DPE-2
Collected Date and Time	5/09	2/22/2010	11/16/2009 19:50	09/28/2009 12:52	12/10/2008 13:50	8/7/2008 17:00	2/22/2010	11/17/2009 09:40	09/28/2009 14:22	12/10/2008 11:45
1,1,1,2-Tetrachloroethane	70	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,1,1-Trichloroethane	9000	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,1,2,2-Tetrachloroethane	2	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,1,2-Trichloroethane	3	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,1,2-Trichlorotrifluoroethane	200000	190	215	912	NA*	11,300	305	1,270	1,620	NA*
1,1-Dichloroethane	70	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,1-Dichloroethene	6	<25.0	<25.0	<50.0	<2000	<250	<20.0	<100	<250	<500
1,1-Dichloropropene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,2,3-Trichlorobenzene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,2,3-Trichloropropane	40	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,2,4-Trichlorobenzene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,2,4-Trimethylbenzene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,2-Dibromo-3-chloropropane	NL	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
1,2-Dibromoethane (EDB)	.004	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,2-Dichlorobenzene	600	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,2-Dichloroethane	4	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,2-Dichloropropane	5	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,3,5-Trimethylbenzene	100	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,3-Dichlorobenzene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,3-Dichloropropane	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
1,4-Dichlorobenzene	10	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
2,2-Dichloropropane	NL	<25.0	<100	<50.0	NA*	<250	<20.0	<400	<250	NA*
2-Butanone (MEK)	4000	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
2-Chlorotoluene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
4-Chlorotoluene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
4-Methyl-2-pentanone (MIBK)	300	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
Acetone	700	<250	<250	<500	NA*	<2500	<200	<1000	<2500	NA*
Allyl chloride	30	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
Benzene	2	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Bromobenzene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Bromochloromethane	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Bromodichloromethane	6	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Bromoform	40	<200	<200	<400	NA*	<2000	<160	<800	<2000	NA*
Bromomethane	10	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
Carbon tetrachloride	3	<25.0	<100	<50.0	NA*	<250	<20.0	<400	<250	NA*
Chlorobenzene	100	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Chloroethane	300	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Chloroform	30	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Chloromethane	NL	<100	<100	<200	NA*	<250	<80.0	<400	<1000	NA*
cis-1,2-Dichloroethene	50	<25.0	<25.0	<50.0	<2000	3250	<20.0	<100	<250	<500
cis-1,3-Dichloropropene	NL	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
Dibromochloromethane	10	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Dibromomethane	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Dichlorodifluoromethane	1000	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Dichlorofluoromethane	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Diethyl ether (Ethyl ether)	1000	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
Ethylbenzene	700	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Hexachloro-1,3-butadiene	1	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
Isopropylbenzene (Cumene)	300	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
m&p-Xylene	NL	<50.0	<50.0	<100	NA*	<500	<40.0	<200	<500	NA*
Methylene Chloride	5	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
Methyl-tert-butyl ether	70	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Naphthalene	300	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
n-Butylbenzene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
n-Propylbenzene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
o-Xylene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
p-Isopropyltoluene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
sec-Butylbenzene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Styrene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
tert-Butylbenzene	NL	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Tetrachloroethene	5	2,610	3,330	6,820	161,000	157,000	2710	10,600	32,000	38,200
Tetrahydrofuran	100	<250	<250	<500	NA*	<2500	<200	<1000	<2500	NA*
Toluene	1000	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
trans-1,2-Dichloroethene	100	<25.0	<25.0	<50.0	<2000	<250	<20.0	<100	<250	<500
trans-1,3-Dichloropropene	NL	<100	<100	<200	NA*	<1000	<80.0	<400	<1000	NA*
Trichloroethene	5	<25.0	<25.0	<50.0	<2000	563	<20.0	<100	<250	<500
Trichlorofluoromethane	2000	<25.0	<25.0	<50.0	NA*	<250	<20.0	<100	<250	NA*
Vinyl chloride	0.2	<10.0	<10.0	<20.0	<800	<100	<8.0	<40.0	<100	<200
Xylene (Total)	10000	<75.0	<75.0	<150	NA*	<750	<60.0	<300	<750	NA*

Notes:
NL: No Limit
NA*: Not Analyzed

1,620 Parameter detected above laboratory reporting limit
5.2 Parameter detected above MDH Health Risk Limit

TABLE 10

GROUNDWATER ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Sample ID	MDH Health Risk Limits	DPE-3	DPE-3	DPE-3	DPE-3	DPE-4	DPE-4	DPE-4	DPE-4
Collected Date and Time	5/09	2/22/2010	11/17/2009 10:15	09/28/2009 15:25	12/10/2008 10:57	2/22/2010	11/17/2009 10:50	09/28/2009 10:13	12/10/2008 11:20
1,1,1,2-Tetrachloroethane	70	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,1,1-Trichloroethane	9000	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,1,2,2-Tetrachloroethane	2	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,1,2-Trichloroethane	3	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,1,2-Trichlorotrifluoroethane	200000	67.1	1,920	843	NA*	41.9	464	339	NA*
1,1-Dichloroethane	70	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,1-Dichloroethene	6	<10.0	<200	<200	<500	<5.0	<50.0	<50.0	<500
1,1-Dichloropropene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,2,3-Trichlorobenzene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,2,3-Trichloropropane	40	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,2,4-Trichlorobenzene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,2,4-Trimethylbenzene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,2-Dibromo-3-chloropropane	NL	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
1,2-Dibromoethane (EDB)	.004	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,2-Dichlorobenzene	600	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,2-Dichloroethane	4	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,2-Dichloropropane	5	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,3,5-Trimethylbenzene	100	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,3-Dichlorobenzene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,3-Dichloropropane	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
1,4-Dichlorobenzene	10	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
2,2-Dichloropropane	NL	<10.0	<800	<200	NA*	<5.0	<200	<50.0	NA*
2-Butanone (MEK)	4000	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
2-Chlorotoluene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
4-Chlorotoluene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
4-Methyl-2-pentanone (MIBK)	300	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
Acetone	700	<100	<2000	<2000	NA*	<50.0	<500	<500	NA*
Allyl chloride	30	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
Benzene	2	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Bromobenzene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Bromochloromethane	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Bromodichloromethane	6	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Bromoform	40	<80.0	<1600	<1600	NA*	<40.0	<400	<400	NA*
Bromomethane	10	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
Carbon tetrachloride	3	<10.0	<800	<200	NA*	<5.0	<200	<50.0	NA*
Chlorobenzene	100	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Chloroethane	300	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Chloroform	30	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Chloromethane	NL	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
cis-1,2-Dichloroethene	50	<10.0	<200	<200	1,090	<5.0	<50.0	<50.0	<500
cis-1,3-Dichloropropene	NL	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
Dibromochloromethane	10	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Dibromomethane	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Dichlorodifluoromethane	1000	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Dichlorofluoromethane	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Diethyl ether (Ethyl ether)	1000	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
Ethylbenzene	700	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Hexachloro-1,3-butadiene	1	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
Isopropylbenzene (Cumene)	300	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
m&p-Xylene	NL	<20.0	<400	<400	NA*	<10.0	<100	<100	NA*
Methylene Chloride	5	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
Methyl-tert-butyl ether	70	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Naphthalene	300	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
n-Butylbenzene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
n-Propylbenzene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
o-Xylene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
p-Isopropyltoluene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
sec-Butylbenzene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Styrene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
tert-Butylbenzene	NL	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Tetrachloroethene	5	806	34,600	20,300	152,000	429	5,040	7,340	35,600
Tetrahydrofuran	100	<100	<2000	<2000	NA*	<50.0	<500	<500	NA*
Toluene	1000	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
trans-1,2-Dichloroethene	100	<10.0	<200	<200	<500	<5.0	<50.0	<50.0	<500
trans-1,3-Dichloropropene	NL	<40.0	<800	<800	NA*	<20.0	<200	<200	NA*
Trichloroethene	5	<10.0	<200	<200	<500	<5.0	<50.0	<50.0	<500
Trichlorofluoromethane	2000	<10.0	<200	<200	NA*	<5.0	<50.0	<50.0	NA*
Vinyl chloride	0.2	<4.0	<80.0	<80.0	<200	<2.0	<20.0	<20.0	<200
Xylene (Total)	10000	<30.0	<600	<600	NA*	<15.0	<150	<150	NA*

Notes:
NL: No Limit
NA*: Not Analyzed

1,620 Parameter detected above laboratory reporting limit
5.2 Parameter detected above MDH Health Risk Limit

TABLE 10

GROUNDWATER ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Sample ID	MDH Health Risk Limits	DPE-5	DPE-5	DPE-5	DPE-5	DPE-6	DPE-6	DPE-6	DPE-6
Collected Date and Time	5/09	2/22/2010	11/17/2009 11:00	09/24/2009 04:00	12/10/2008 16:45	2/22/2010	11/17/2009 11:30	09/24/2009 04:30	12/10/2008 14:29
1,1,1,2-Tetrachloroethane	70	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,1-Trichloroethane	9000	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,2,2-Tetrachloroethane	2	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,2-Trichloroethane	3	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,2-Trichlorotrifluoroethane	200000	19.4	498	37.9	NA*	<1.0	<1.0	3.5	NA*
1,1-Dichloroethane	70	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,1-Dichloroethene	6	<5.0	<10.0	<10.0	<10.0	<1.0	<1.0	<1.0	<2.0
1,1-Dichloropropene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,3-Trichlorobenzene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,3-Trichloropropane	40	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,4-Trichlorobenzene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,4-Trimethylbenzene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dibromo-3-chloropropane	NL	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
1,2-Dibromoethane (EDB)	.004	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dichlorobenzene	600	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dichloroethane	4	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dichloropropane	5	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,3,5-Trimethylbenzene	100	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,3-Dichlorobenzene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,3-Dichloropropane	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
1,4-Dichlorobenzene	10	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
2,2-Dichloropropane	NL	<5.0	<40.0	<10.0	NA*	<1.0	<4.0	<1.0	NA*
2-Butanone (MEK)	4000	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
2-Chlorotoluene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
4-Chlorotoluene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
4-Methyl-2-pentanone (MIBK)	300	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
Acetone	700	<50.0	<100	<100	NA*	<10.0	<10.0	<10.0	NA*
Allyl chloride	30	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
Benzene	2	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Bromobenzene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Bromochloromethane	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Bromodichloromethane	6	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Bromoform	40	<40.0	<80.0	<80.0	NA*	<8.0	<8.0	<8.0	NA*
Bromomethane	10	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
Carbon tetrachloride	3	<5.0	<40.0	<10.0	NA*	<1.0	<4.0	<1.0	NA*
Chlorobenzene	100	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Chloroethane	300	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Chloroform	30	<5.0	<10.0	<10.0	NA*	1.6	1.6	<1.0	NA*
Chloromethane	NL	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
cis-1,2-Dichloroethene	50	<5.0	<10.0	<10.0	<10.0	<1.0	1.5	<1.0	<2.0
cis-1,3-Dichloropropene	NL	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
Dibromochloromethane	10	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Dibromomethane	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Dichlorodifluoromethane	1000	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Dichlorofluoromethane	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Diethyl ether (Ethyl ether)	1000	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
Ethylbenzene	700	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Hexachloro-1,3-butadiene	1	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
Isopropylbenzene (Cumene)	300	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
m&p-Xylene	NL	<10.0	<20.0	<20.0	NA*	<2.0	<2.0	<2.0	NA*
Methylene Chloride	5	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
Methyl-tert-butyl ether	70	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Naphthalene	300	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
n-Butylbenzene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
n-Propylbenzene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
o-Xylene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
p-Isopropyltoluene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
sec-Butylbenzene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Styrene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
tert-Butylbenzene	NL	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Tetrachloroethene	5	486	1,450	875	1,340	57.8	104	79.3	188
Tetrahydrofuran	100	<50.0	<100	<100	NA*	<10.0	<10.0	<10.0	NA*
Toluene	1000	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
trans-1,2-Dichloroethene	100	<5.0	<10.0	<10.0	<10.0	<1.0	<1.0	<1.0	<2.0
trans-1,3-Dichloropropene	NL	<20.0	<40.0	<40.0	NA*	<4.0	<4.0	<4.0	NA*
Trichloroethene	5	<5.0	<10.0	<10.0	<10.0	<1.0	<1.0	<1.0	<2.0
Trichlorofluoromethane	2000	<5.0	<10.0	<10.0	NA*	<1.0	<1.0	<1.0	NA*
Vinyl chloride	0.2	<2.0	<4.0	<4.0	<4.0	<0.40	<0.40	<0.40	<0.80
Xylene (Total)	10000	<15.0	<30.0	<30.0	NA*	<3.0	<3.0	<3.0	NA*

Notes:
NL: No Limit
NA*: Not Analyzed

1,620 Parameter detected above laboratory reporting limit
5.2 Parameter detected above MDH Health Risk Limit

TABLE 10

GROUNDWATER ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Sample ID	MDH Health Risk Limits	DPE-7	DPE-7	DPE-7	DPE-7	DPE-8	DPE-8	DPE-8	DPE-8
Collected Date and Time	5/09	2/22/2010	11/17/2009 11:50	09/24/2009 05:00	12/10/2008 13:15	2/22/2010	11/17/2009 12:30	09/24/2009 05:30	12/10/2008 09:30
1,1,1,2-Tetrachloroethane	70	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,1,1-Trichloroethane	9000	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,1,2,2-Tetrachloroethane	2	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,1,2-Trichloroethane	3	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,1,2-Trichlorotrifluoroethane	200000	2.7	9.8	1.6	NA*	3.8	34.2	43.4	NA*
1,1-Dichloroethane	70	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,1-Dichloroethene	6	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<2.0	<100
1,1-Dichloropropene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,2,3-Trichlorobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,2,3-Trichloropropane	40	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,2,4-Trichlorobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,2,4-Trimethylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,2-Dibromo-3-chloropropane	NL	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
1,2-Dibromoethane (EDB)	.004	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,2-Dichlorobenzene	600	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,2-Dichloroethane	4	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,2-Dichloropropane	5	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,3,5-Trimethylbenzene	100	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,3-Dichlorobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,3-Dichloropropane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
1,4-Dichlorobenzene	10	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
2,2-Dichloropropane	NL	<1.0	<4.0	<1.0	NA*	<1.0	<40.0	<2.0	NA*
2-Butanone (MEK)	4000	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	24.1	NA*
2-Chlorotoluene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
4-Chlorotoluene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
4-Methyl-2-pentanone (MIBK)	300	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
Acetone	700	<10.0	<10.0	<10.0	NA*	12.9	<100	<20.0	NA*
Allyl chloride	30	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
Benzene	2	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Bromobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Bromochloromethane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Bromodichloromethane	6	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Bromoform	40	<8.0	<8.0	<8.0	NA*	<8.0	<80.0	<16.0	NA*
Bromomethane	10	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
Carbon tetrachloride	3	<1.0	<4.0	<1.0	NA*	<1.0	<40.0	<2.0	NA*
Chlorobenzene	100	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Chloroethane	300	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Chloroform	30	1.2	1.1	1.3	NA*	<1.0	<10.0	<2.0	NA*
Chloromethane	NL	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
cis-1,2-Dichloroethene	50	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<2.0	<100
cis-1,3-Dichloropropene	NL	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
Dibromochloromethane	10	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Dibromomethane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Dichlorodifluoromethane	1000	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Dichlorofluoromethane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Diethyl ether (Ethyl ether)	1000	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
Ethylbenzene	700	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Hexachloro-1,3-butadiene	1	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
Isopropylbenzene (Cumene)	300	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
m&p-Xylene	NL	<2.0	<2.0	<2.0	NA*	<2.0	<20.0	<4.0	NA*
Methylene Chloride	5	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
Methyl-tert-butyl ether	70	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Naphthalene	300	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
n-Butylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
n-Propylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
o-Xylene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
p-Isopropyltoluene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
sec-Butylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Styrene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
tert-Butylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Tetrachloroethene	5	7.3	55.2	5.2	22.3	90.3	1,480	1,850	14,200
Tetrahydrofuran	100	<10.0	<10.0	<10.0	NA*	18.4	<100	46.1	NA*
Toluene	1000	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
trans-1,2-Dichloroethene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<2.0	<100
trans-1,3-Dichloropropene	NL	<4.0	<4.0	<4.0	NA*	<4.0	<40.0	<8.0	NA*
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<2.0	<100
Trichlorofluoromethane	2000	<1.0	<1.0	<1.0	NA*	<1.0	<10.0	<2.0	NA*
Vinyl chloride	0.2	<0.40	<0.40	<0.40	<0.40	<0.40	<4.0	<0.80	<40.0
Xylene (Total)	10000	<3.0	<3.0	<3.0	NA*	<3.0	<30.0	<6.0	NA*

Notes:
NL: No Limit
NA*: Not Analyzed

1,620 Parameter detected above laboratory reporting limit
5.2 Parameter detected above MDH Health Risk Limit

TABLE 10

GROUNDWATER ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Sample ID	MDH Health Risk Limits	MW-14	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	MW-15
Collected Date and Time	5/09	2/23/2010	11/16/2009 15:40	10/01/2009 04:00	12/03/2008 16:20	2/22/2010	11/16/2009 17:00	10/01/2009 04:20	12/10/2008 12:15
1,1,1,2-Tetrachloroethane	70	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,1-Trichloroethane	9000	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,2,2-Tetrachloroethane	2	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,2-Trichloroethane	3	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,2-Trichlorotrifluoroethane	200000	<1.0	1.1	<1.0	NA*	3.3	6.4	6.4	NA*
1,1-Dichloroethane	70	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1-Dichloroethene	6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,3-Trichlorobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,3-Trichloropropane	40	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,4-Trichlorobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,4-Trimethylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dibromo-3-chloropropane	NL	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
1,2-Dibromoethane (EDB)	.004	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dichlorobenzene	600	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dichloroethane	4	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dichloropropane	5	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,3,5-Trimethylbenzene	100	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,3-Dichlorobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,3-Dichloropropane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,4-Dichlorobenzene	10	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
2,2-Dichloropropane	NL	<1.0	<4.0	<1.0	NA*	<1.0	<4.0	<1.0	NA*
2-Butanone (MEK)	4000	<4.0	<4.0	<4.0	NA*	<4.0	5.1	<4.0	NA*
2-Chlorotoluene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
4-Chlorotoluene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
4-Methyl-2-pentanone (MIBK)	300	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Acetone	700	<10.0	<10.0	<10.0	NA*	<10.0	<10.0	<10.0	NA*
Allyl chloride	30	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Benzene	2	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Bromobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Bromochloromethane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Bromodichloromethane	6	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Bromoform	40	<8.0	<8.0	<8.0	NA*	<8.0	<8.0	<8.0	NA*
Bromomethane	10	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Carbon tetrachloride	3	<1.0	<4.0	<1.0	NA*	<1.0	<4.0	<1.0	NA*
Chlorobenzene	100	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Chloroethane	300	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Chloroform	30	3.2	2.7	3.7	NA*	1.4	2.2	2.2	NA*
Chloromethane	NL	14.2	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
cis-1,2-Dichloroethene	50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	NL	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Dibromochloromethane	10	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Dibromomethane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Dichlorodifluoromethane	1000	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Dichlorofluoromethane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Diethyl ether (Ethyl ether)	1000	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Ethylbenzene	700	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Hexachloro-1,3-butadiene	1	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Isopropylbenzene (Cumene)	300	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
m&p-Xylene	NL	<2.0	<2.0	<2.0	NA*	<2.0	<2.0	<2.0	NA*
Methylene Chloride	5	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Methyl-tert-butyl ether	70	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Naphthalene	300	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
n-Butylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
n-Propylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
o-Xylene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
p-Isopropyltoluene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
sec-Butylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Styrene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
tert-Butylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Tetrachloroethene	5	3.0	7.1	4.2	30.6	5.7	9.5	15.7	104
Tetrahydrofuran	100	<10.0	<10.0	<10.0	NA*	<10.0	<10.0	<10.0	NA*
Toluene	1000	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
trans-1,2-Dichloroethene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	NL	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	2000	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Vinyl chloride	0.2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Xylene (Total)	10000	<3.0	<3.0	<3.0	NA*	<3.0	<3.0	<3.0	NA*

Notes:
NL: No Limit
NA*: Not Analyzed

1,620 Parameter detected above laboratory reporting limit
5.2 Parameter detected above MDH Health Risk Limit

TABLE 10

GROUNDWATER ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Sample ID	MDH Health	MW-16	MW-16	MW-16	MW-16	MW-17	MW-17	MW-17	MW-17
Collected Date and Time	Risk Limits 5/09	2/22/2010	11/16/2009 19:20	10/01/2009 04:25	12/03/2008 12:35	2/22/2010	11/16/2009 18:10	10/01/2009 05:20	12/03/2008 13:10
1,1,1,2-Tetrachloroethane	70	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,1,1-Trichloroethane	9000	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,1,2,2-Tetrachloroethane	2	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,1,2-Trichloroethane	3	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,1,2-Trichlorotrifluoroethane	200000	261	1,390	779	NA*	76.2	199	249	NA*
1,1-Dichloroethane	70	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,1-Dichloroethene	6	<50.0	<250	<10.0	<1.0	<5.0	<5.0	<2.0	<5.0
1,1-Dichloropropene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,2,3-Trichlorobenzene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,2,3-Trichloropropane	40	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,2,4-Trichlorobenzene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,2,4-Trimethylbenzene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,2-Dibromo-3-chloropropane	NL	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
1,2-Dibromoethane (EDB)	.004	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,2-Dichlorobenzene	600	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,2-Dichloroethane	4	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,2-Dichloropropane	5	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,3,5-Trimethylbenzene	100	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,3-Dichlorobenzene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,3-Dichloropropane	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
1,4-Dichlorobenzene	10	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
2,2-Dichloropropane	NL	<200	<1000	<10.0	NA*	<20.0	<20.0	<2.0	NA*
2-Butanone (MEK)	4000	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
2-Chlorotoluene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
4-Chlorotoluene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
4-Methyl-2-pentanone (MIBK)	300	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
Acetone	700	<500	<2500	<100	NA*	<50.0	<50.0	<20.0	NA*
Allyl chloride	30	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
Benzene	2	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Bromobenzene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Bromochloromethane	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Bromodichloromethane	6	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Bromoform	40	<400	<2000	<80.0	NA*	<40.0	<40.0	<16.0	NA*
Bromomethane	10	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
Carbon tetrachloride	3	<200	<1000	<10.0	NA*	<20.0	<20.0	<2.0	NA*
Chlorobenzene	100	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Chloroethane	300	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Chloroform	30	<50.0	<250	<10.0	NA*	<5.0	<5.0	2.4	NA*
Chloromethane	NL	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
cis-1,2-Dichloroethene	50	<50.0	<250	24.0	133	5.4	7.9	4.8	<5.0
cis-1,3-Dichloropropene	NL	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
Dibromochloromethane	10	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Dibromomethane	NL	<200	<250	<10.0	NA*	<20.0	<5.0	<2.0	NA*
Dichlorodifluoromethane	1000	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Dichlorofluoromethane	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Diethyl ether (Ethyl ether)	1000	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
Ethylbenzene	700	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Hexachloro-1,3-butadiene	1	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
Isopropylbenzene (Cumene)	300	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
m&p-Xylene	NL	<100	<500	<20.0	NA*	<10.0	<10.0	<4.0	NA*
Methylene Chloride	5	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
Methyl-tert-butyl ether	70	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Naphthalene	300	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
n-Butylbenzene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
n-Propylbenzene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
o-Xylene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
p-Isopropyltoluene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
sec-Butylbenzene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Styrene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
tert-Butylbenzene	NL	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Tetrachloroethene	5	4390	21,000	6,890	14,100	639	1,100	803	363
Tetrahydrofuran	100	<500	<2500	<100	NA*	<50.0	<50.0	<20.0	NA*
Toluene	1000	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
trans-1,2-Dichloroethene	100	<50.0	<250	<10.0	<1.0	<5.0	<5.0	<2.0	<5.0
trans-1,3-Dichloropropene	NL	<200	<1000	<40.0	NA*	<20.0	<20.0	<8.0	NA*
Trichloroethene	5	<50.0	<250	<10.0	35.0	<5.0	<5.0	<2.0	<5.0
Trichlorofluoromethane	2000	<50.0	<250	<10.0	NA*	<5.0	<5.0	<2.0	NA*
Vinyl chloride	0.2	<20.0	<100	<4.0	<0.40	<2.0	<2.0	<0.80	<2.0
Xylene (Total)	10000	<150	<750	<30.0	NA*	<15.0	<15.0	<6.0	NA*

Notes:
NL: No Limit
NA*: Not Analyzed

1,620 Parameter detected above laboratory reporting limit
5.2 Parameter detected above MDH Health Risk Limit

TABLE 10

GROUNDWATER ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Sample ID	MDH Health Risk Limits	MW-18	MW-18	MW-18	MW-18	MW-19	MW-19	MW-19	MW-19
Collected Date and Time	5/09	2/22/2010	11/16/2009 15:45	10/01/2009 05:46	12/03/2008 14:26	2/23/2010	11/16/2009 16:30	09/24/2009 11:40	12/03/2008 16:59
1,1,1,2-Tetrachloroethane	70	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,1-Trichloroethane	9000	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,2,2-Tetrachloroethane	2	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,2-Trichloroethane	3	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1,2-Trichlorotrifluoroethane	200000	**2.0**	<1.0	**2.7**	NA*	<1.0	**1.9**	**2.4**	NA*
1,1-Dichloroethane	70	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,1-Dichloroethene	6	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,3-Trichlorobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,3-Trichloropropane	40	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,4-Trichlorobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2,4-Trimethylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dibromo-3-chloropropane	NL	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
1,2-Dibromoethane (EDB)	.004	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dichlorobenzene	600	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dichloroethane	4	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,2-Dichloropropane	5	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,3,5-Trimethylbenzene	100	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,3-Dichlorobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,3-Dichloropropane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
1,4-Dichlorobenzene	10	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
2,2-Dichloropropane	NL	<1.0	<4.0	<1.0	NA*	<1.0	<4.0	<1.0	NA*
2-Butanone (MEK)	4000	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	**5.5**	NA*
2-Chlorotoluene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
4-Chlorotoluene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
4-Methyl-2-pentanone (MIBK)	300	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Acetone	700	**12.2**	<10.0	<10.0	NA*	<10.0	<10.0	<10.0	NA*
Allyl chloride	30	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Benzene	2	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Bromobenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Bromochloromethane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Bromodichloromethane	6	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Bromoform	40	<8.0	<8.0	<8.0	NA*	<8.0	<8.0	<8.0	NA*
Bromomethane	10	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Carbon tetrachloride	3	<1.0	<4.0	<1.0	NA*	<1.0	<4.0	<1.0	NA*
Chlorobenzene	100	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Chloroethane	300	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Chloroform	30	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Chloromethane	NL	<4.0	<4.0	<4.0	NA*	**10.4**	<4.0	<4.0	NA*
cis-1,2-Dichloroethene	50	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	NL	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Dibromochloromethane	10	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Dibromomethane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Dichlorodifluoromethane	1000	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Dichlorofluoromethane	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Diethyl ether (Ethyl ether)	1000	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Ethylbenzene	700	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Hexachloro-1,3-butadiene	1	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Isopropylbenzene (Cumene)	300	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
m&p-Xylene	NL	<2.0	<2.0	<2.0	NA*	<2.0	<2.0	<2.0	NA*
Methylene Chloride	5	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Methyl-tert-butyl ether	70	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Naphthalene	300	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
n-Butylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
n-Propylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
o-Xylene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
p-Isopropyltoluene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
sec-Butylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Styrene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
tert-Butylbenzene	NL	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Tetrachloroethene	5	**96.8**	**130**	**250**	**257**	**12.9**	**13.6**	**17.4**	**2.4**
Tetrahydrofuran	100	<10.0	<10.0	<10.0	NA*	<10.0	<10.0	<10.0	NA*
Toluene	1000	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
trans-1,2-Dichloroethene	100	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	NL	<4.0	<4.0	<4.0	NA*	<4.0	<4.0	<4.0	NA*
Trichloroethene	5	**1.2**	**2.1**	**2.6**	<2.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	2000	<1.0	<1.0	<1.0	NA*	<1.0	<1.0	<1.0	NA*
Vinyl chloride	0.2	<0.40	<0.40	<0.40	<0.80	<0.40	<0.40	<0.40	<0.40
Xylene (Total)	10000	<3.0	<3.0	<3.0	NA*	<3.0	<3.0	<3.0	NA*

Notes:
NL: No Limit
NA*: Not Analyzed

1,620 Parameter detected above laboratory reporting limit
5.2 Parameter detected above MDH Health Risk Limit

TABLE 10

GROUNDWATER ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Sample ID Collected Date and Time	MDH Health Risk Limits 5/09	MW-20 2/23/2010	MW-20 11/16/2009 18:50	MW-20 10/01/2009 06:00	MW-20 12/10/2008 10:30
1,1,1,2-Tetrachloroethane	70	<2.0	<2.0	<1.0	NA*
1,1,1-Trichloroethane	9000	<2.0	<2.0	<1.0	NA*
1,1,2,2-Tetrachloroethane	2	<2.0	<2.0	<1.0	NA*
1,1,2-Trichloroethane	3	<2.0	<2.0	<1.0	NA*
1,1,2-Trichlorotrifluoroethane	200000	**20.9**	**37.4**	**33.5**	NA*
1,1-Dichloroethane	70	<2.0	<2.0	<1.0	NA*
1,1-Dichloroethene	6	<2.0	<2.0	<1.0	<5.0
1,1-Dichloropropene	NL	<2.0	<2.0	<1.0	NA*
1,2,3-Trichlorobenzene	NL	<2.0	<2.0	<1.0	NA*
1,2,3-Trichloropropane	40	<2.0	<2.0	<1.0	NA*
1,2,4-Trichlorobenzene	NL	<2.0	<2.0	<1.0	NA*
1,2,4-Trimethylbenzene	NL	<2.0	<2.0	<1.0	NA*
1,2-Dibromo-3-chloropropane	NL	<8.0	<8.0	<4.0	NA*
1,2-Dibromoethane (EDB)	.004	<2.0	<2.0	<1.0	NA*
1,2-Dichlorobenzene	600	<2.0	<2.0	<1.0	NA*
1,2-Dichloroethane	4	<2.0	<2.0	<1.0	NA*
1,2-Dichloropropane	5	<2.0	<2.0	<1.0	NA*
1,3,5-Trimethylbenzene	100	<2.0	<2.0	<1.0	NA*
1,3-Dichlorobenzene	NL	<2.0	<2.0	<1.0	NA*
1,3-Dichloropropane	NL	<2.0	<2.0	<1.0	NA*
1,4-Dichlorobenzene	10	<2.0	<2.0	<1.0	NA*
2,2-Dichloropropane	NL	<2.0	<8.0	<1.0	NA*
2-Butanone (MEK)	4000	<8.0	<8.0	<4.0	NA*
2-Chlorotoluene	NL	<2.0	<2.0	<1.0	NA*
4-Chlorotoluene	NL	<2.0	<2.0	<1.0	NA*
4-Methyl-2-pentanone (MIBK)	300	<8.0	<8.0	<4.0	NA*
Acetone	700	<20.0	<20.0	<10.0	NA*
Allyl chloride	30	<8.0	<8.0	<4.0	NA*
Benzene	2	<2.0	<2.0	<1.0	NA*
Bromobenzene	NL	<2.0	<2.0	<1.0	NA*
Bromochloromethane	NL	<2.0	<2.0	<1.0	NA*
Bromodichloromethane	6	<2.0	<2.0	<1.0	NA*
Bromoform	40	<16.0	<16.0	<8.0	NA*
Bromomethane	10	<8.0	<8.0	<4.0	NA*
Carbon tetrachloride	3	<2.0	<8.0	<1.0	NA*
Chlorobenzene	100	<2.0	<2.0	<1.0	NA*
Chloroethane	300	<2.0	<2.0	<1.0	NA*
Chloroform	30	<2.0	<2.0	<1.0	NA*
Chloromethane	NL	**8.6**	<8.0	<4.0	NA*
cis-1,2-Dichloroethene	50	<2.0	<2.0	<1.0	<5.0
cis-1,3-Dichloropropene	NL	<8.0	<8.0	<4.0	NA*
Dibromochloromethane	10	<2.0	<2.0	<1.0	NA*
Dibromomethane	NL	<2.0	<2.0	<1.0	NA*
Dichlorodifluoromethane	1000	<2.0	<2.0	<1.0	NA*
Dichlorofluoromethane	NL	<2.0	<2.0	<1.0	NA*
Diethyl ether (Ethyl ether)	1000	<8.0	<8.0	<4.0	NA*
Ethylbenzene	700	<2.0	<2.0	<1.0	NA*
Hexachloro-1,3-butadiene	1	<8.0	<8.0	<4.0	NA*
Isopropylbenzene (Cumene)	300	<2.0	<2.0	<1.0	NA*
m&p-Xylene	NL	<4.0	<4.0	<2.0	NA*
Methylene Chloride	5	<8.0	<8.0	<4.0	NA*
Methyl-tert-butyl ether	70	<2.0	<2.0	<1.0	NA*
Naphthalene	300	<8.0	<8.0	<4.0	NA*
n-Butylbenzene	NL	<2.0	<2.0	<1.0	NA*
n-Propylbenzene	NL	<2.0	<2.0	<1.0	NA*
o-Xylene	NL	<2.0	<2.0	<1.0	NA*
p-Isopropyltoluene	NL	<2.0	<2.0	<1.0	NA*
sec-Butylbenzene	NL	<2.0	<2.0	<1.0	NA*
Styrene	NL	<2.0	<2.0	<1.0	NA*
tert-Butylbenzene	NL	<2.0	<2.0	<1.0	NA*
Tetrachloroethene	5	**402**	**307**	**713**	**599**
Tetrahydrofuran	100	**36.1**	<20.0	<10.0	NA*
Toluene	1000	<2.0	<2.0	<1.0	NA*
trans-1,2-Dichloroethene	100	<2.0	<2.0	<1.0	<5.0
trans-1,3-Dichloropropene	NL	<8.0	<8.0	<4.0	NA*
Trichloroethene	5	<2.0	<2.0	<1.0	<5.0
Trichlorofluoromethane	2000	<2.0	<2.0	<1.0	NA*
Vinyl chloride	0.2	<0.80	<0.80	<0.40	<2.0
Xylene (Total)	10000	<6.0	<6.0	<3.0	NA*

Notes:
NL: No Limit
NA*: Not Analyzed

TABLE 11

NATURAL ATTENUATION ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Sample ID	DPE-1	DPE-1	DPE-2	DPE-2	DPE-3	DPE-3	DPE-4	DPE-4	DPE-5	DPE-5
Collected Date	09/28/2009 12:52	12/10/2008 13:50	09/28/2009 14:22	12/10/2008 11:45	09/28/200 9 15:25	12/10/2008 10:57	09/28/2009 10:13	12/10/2008 11:20	12/10/2008 16:45	09/24/2009 04:00
Calcium, Dissolved	NA*	**149,000**	NA*	**181,000**	NA*	**556,000**	NA*	**258,000**	**75,400**	NA*
Dissolved Organic Carbon	<2000	**4,800**	**2,000**	**2,800**	**3,700**	**6,900**	<2000	2700	4700	<2000
Iron, Dissolved	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Magnesium, Dissolved	NA*	**33,400**	NA*	**47,600**	NA*	**103,000**	NA*	**73,400**	**86,200**	NA*
Methane	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Nitrate as N	**5,900**	**6,400**	**4,900**	**7,800**	**7,100**	**9,800**	**11,000**	**26,800**	**5,500**	**5,500**
Sulfate	**157,000**	**250,000**	**174,000**	**182,000**	**296,000**	**436,000**	**168,000**	**235,000**	**468,000**	**281,000**
Sulfide	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000

Notes:
Bold: Parameter detected above laboratory reporting limit
NA*: Not Analyzed

TABLE 11

NATURAL ATTENUATION ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Sample ID Collected Date	DPE-6 12/10/2008 14:29	DPE-6 09/24/2009 04:30	DPE-7 12/10/2008 13:15	DPE-7 09/24/2009 05:00	DPE-8 12/10/2008 09:30	DPE-8 09/24/2009 05:30	MW14 10/01/2009 04:00	MW-14 12/03/2008 16:20
Calcium, Dissolved	**70,800**	NA*	**123,000**	NA*	**189,000**	NA*	NA*	**114,000**
Dissolved Organic Carbon	2500	<2000	**3,300**	<2000	**4,000**	**3,000**	**69,200**	**2,400**
Iron, Dissolved	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Magnesium, Dissolved	**17,700**	NA*	**23,400**	NA*	**36,800**	NA*	NA*	**30,400**
Methane	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	10.1	<10.0
Nitrate as N	**3,000**	**1,500**	**7,900**	**1,900**	**9,800**	**4,300**	**1,600**	**3,700**
Sulfate	**159,000**	**67,600**	**275,000**	**85,600**	**262,000**	**149,000**	**146,000**	**131,000**
Sulfide	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000

Notes:
Bold: Parameter detected above laboratory reporting limit
NA*: Not Analyzed

TABLE 11

NATURAL ATTENUATION ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Sample ID	MW15	MW15	MW16	MW-16	MW17	MW-17	MW18	MW-18
Collected Date	10/01/2009 04:20	12/10/2008 12:15	10/01/2009 04:25	12/03/2008 12:35	10/01/2009 05:20	12/03/2008 13:10	10/01/2009 05:46	12/03/2008 14:26
Calcium, Dissolved	NA*	**67,700**	NA*	**194,000**	NA*	**76,300**	NA*	**99,000**
Dissolved Organic Carbon	**15,700**	<2000	**49,100**	**3,500**	**9,100**	**7,500**	**5,400**	**8,500**
Iron, Dissolved	<50.0	<50.0	<50.0	<50.0	<50.0	**50.1**	**88.3**	**4,190**
Magnesium, Dissolved	NA*	**18,700**	NA*	**70,200**	NA*	**29,100**	NA*	**52,600**
Methane	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Nitrate as N	**580**	**2,200**	**16,200**	NA*	**3,900**	NA*	<400	NA*
Sulfate	**99,900**	**87,500**	**258,000**	**253,000**	**159,000**	**199,000**	**110,000**	**115,000**
Sulfide	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000

Notes:
Bold: Parameter detected above laboratory reporting limit
NA*: Not Analyzed

TABLE 11

NATURAL ATTENUATION ANALYTICAL RESULTS (ug/L)
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Sample ID Collected Date	MW-19 09/24/2009 11:40	MW-19 12/03/2008 16:59	MW20 10/01/2009 06:00	MW20 12/10/2008 10:30
Calcium, Dissolved	NA*	**245,000**	NA*	**260,000**
Dissolved Organic Carbon	<2000	**3,100**	**20,300**	**2,700**
Iron, Dissolved	<50.0	<50.0	<50.0	<50.0
Magnesium, Dissolved	NA*	**71,100**	NA*	**65,900**
Methane	**10.7**	<10.0	**274**	**17.0**
Nitrate as N	**16,800**	NA*	**8900**	**10,900**
Sulfate	**156,000**	**187,000**	**139,000**	**203,000**
Sulfide	<5000	<5000	<5000	<5000

Notes:
Bold: Parameter detected above laboratory reporting limit
NA*: Not Analyzed

TABLE 12

GROUNDWATER FIELD DATA
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Monitoring Well	Date Measured	Temp (Deg. C)	Conductivity @ 25 deg. C (uS/cm)	pH	Redox Potential (Eh)	Dissolved Oxygen	Head Space (ppm)
MW-14	12/3/2008	15.1	735	7.41	228	2.6	1.752
MW-14	10/1/2009	18.8	1825	7.84	181	3.6	NR
MW-14	11/16/2009	19.22	1747	6.74	47.5	3.48	NR
MW-14	2/23/2010	18.51	1693	7.54	186	2.8	NR
MW-15	12/3/2008	13.4	735	8.18	87	3.8	279
MW-15	10/1/2009	18.4	920	8.08	167	5.22	NR
MW-15	11/16/2009	19.6	1155	7.35	200	4.53	NR
MW-15	2/22/2010	19.5	1506	7.82	916	4.27	NR
MW-16	12/3/2008	14.5	735	8.21	-45	1.9	40
MW-16	10/1/2009	18.27	1182	7.46	214	9.68	NR
MW-16	11/16/2009	18.82	4048	6.91	170	3.67	NR
MW-16	2/22/2010	18.54	3238	7.31	115	4.17	NR
MW-17	12/3/2008	14.8	735	8.99	-99	2.6	1.3
MW-17	10/1/2009	17.8	1428	8.6	175	1.99	NR
MW-17	11/16/2009	17.62	1761	7.34	29	1.62	NR
MW-17	2/22/2010	18.25	16.08	7.66	-163	2.02	NR
MW-18	12/3/2008	14.9	735	8.06	-137	3.1	1.2
MW-18	10/1/2009	17.8	1497	7.75	176	1.47	NR
MW-18	11/16/2009	16.46	2588	6.6	54.7	1.09	NR
MW-18	2/22/2010	17.7	2061	7.41	-244	1.19	NR
MW-19	12/3/2008	13.7	735	7.20	219	2.2	0.13
MW-19	10/1/2009	15.6	3667	7.03	163	225	NR
MW-19	11/16/2009	15.96	3482	6.13	226	3.03	NR
MW-19	2/23/2010	15.81	4277	6.88	130	5.42	NR
MW-20	12/3/2008	13.1	753	7.47	139	1.8	3.279
MW-20	10/1/2009	17.5	4008	7.31	317	6.19	NR
MW-20	11/16/2009	17.31	3760	6.8	288	3.85	NR
MW-20	2/23/2010	16.82	4720	7.23	322	5.22	NR
DPE-1	12/3/2008	14.5	735	8.02	-4.9	0.9	10.5
DPE-1	9/28/2009	18.1	2584	7.64	170	4.8	NR
DPE-1	11/16/2009	18.18	2595	7.52	173	4.98	NR
DPE-1	2/22/2010	17.9	1152	6.23	255.6	8.16	NR
DPE-2	12/3/2008	14.4	735	7.83	109	1.9	**2000**
DPE-2	9/28/2009	18.2	2440	8	81	7.82	NR
DPE-2	11/17/2009	18.15	4523	6.86	114	5.43	NR
DPE-2	2/22/2010	17.5	2751	7.75	283	4.57	NR
DPE-3	12/3/2008	13.4	735	7.96	127	2.5	1684
DPE-3	9/28/2009	17.3	7799	7.95	158	7.05	NR
DPE-3	11/17/2009	17.43	4442	7.1	208	3.32	NR
DPE-3	2/22/2010	15.4	4707	7.9	310	7.59	NR

TABLE 12

GROUNDWATER FIELD DATA
MN Bio Business Center
221 First Avenue SW
Rochester, Minnesota

Monitoring Well	Date Measured	Temp (Deg. C)	Conductivity @ 25 deg. C (uS/cm)	pH	Redox Potential (Eh)	Dissolved Oxygen	Head Space (ppm)
DPE-4	12/3/2008	13.5	735	7.84	114	1.9	**2000**
DPE-4	9/28/2009	17.14	3230	8.25	87.4	8.22	NR
DPE-4	11/17/2009	17.49	4057	7.16	285	5.2	NR
DPE-4	2/22/2010	17.4	2899	7.11	198	7.64	NR
DPE-5	12/3/2008	14.3	735	9.26	13	0.5	1.3
DPE-5	9/28/2009	17.06	2264	7.94	181	0.2	NR
DPE-5	11/17/2009	18.02	2921	7.58	204	4.15	NR
DPE-5	2/22/2010	16.7	3271	7.48	231	6.3	NR
DPE-6	12/3/2008	14.6	735	8.12	67.1	1.9	1.2
DPE-6	9/28/2009	18.6	1086	8.39	98.6	9.8	NR
DPE-6	11/17/2009	18.7	1400	7.81	249	6.3	NR
DPE-6	2/22/2010	17.9	1248	7.81	213	5.42	NR
DPE-7	12/3/2008	15.2	735	7.95	92.8	0.4	2.5
DPE-7	9/28/2009	17.15	2216	7.01	196	2.14	NR
DPE-7	11/17/2009	19.01	2095	7.97	193	5.01	NR
DPE-7	2/22/2010	18.1	1354	7.84	209	5.31	NR
DPE-8	12/3/2008	13.6	753	7.52	165	1.4	1056
DPE-8	9/28/2009	17.31	2826	7.93	460	6.61	NR
DPE-8	11/17/2009	1678	3604	7.2	226	5.19	NR
DPE-8	2/22/2010	16.2	2661	7.82	227	7.15	NR

Notes:
Bold - number has exceeded the range of the instrument

Attachments

Attachment A

Attachment A - Table 1

DPE System Operational Data
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	Time	Extraction Well	DPE Pump Hours	Hours per Period	Flow Rate				DPE Air Flow (scf)	Pump Inlet Vacuum (in. Hg)	Post-MS Vacuum (in. Hg)	DPE Well/Pre-MS Vacuum (in. Hg)		Pre-Manifold Vacuum (in. Hg)	DPE Well Head/Drop Tube Vacuum (in. Hg)	DPE Well Casing Vacuum (in. H_2O)	DPE Pump Outlet Pressure		DPE Pump Outlet Temp. (Deg. F)		DPE Exhaust PID (ppm)	Extraction Well Bleed Valve % Open	DPE Pump Bleed Valve % Open	Comments
					Field (scfm)	Analog (scfm)	Analog (m^3/s)	Analog (acfm)				Analog	Field				Analog (psi)	Field (in H_2O)	Analog	Field				
6/29/2009	1640	DPE-1	88.0	88.0	25	20.9	0.010	134.3	6,000	25.3	NR	25.0	24.5	24	NR	NR	0	0	229	200	NR	0	0	
9/4/2009	805	DPE-1	957.0	869.0	25	24.3	0.011	109.5	1,208,000	23.3	9.4	9.7	9.8	9.1	NR	86	0.02	0	307	310	34	100	0	DPE Pump Screen plugged
9/4/2009	946	DPE-1	957.0	0.0	40	36.1	0.017	120.5	1,209,000	21.0	21.0	20.4	21.0	20.0	NR	149	0	0	210	248	>4000	100	0	DPE & AS exhaust sampled
9/4/2009	1135	DPE-1	959.0	2.0	25	27.3	0.013	117.2	1,212,000	23.0	22.5	22.7	22.5	22.5	NR	>150	0	0	275	270	>4000	30	0	1 micron MS filter installed
10/15/2009	1120	DPE-1	1899.0	940.0	35	31.6	0.015	135.9	2,658,000	23.0	22.5	22.2	22.5	22.5	NR	>150	0	0	283	270	ND	20	0	Exhaust sampled
10/16/2009	621	DPE-1	1911.0	12.0	35	32.4	0.015	142.2	2,684,000	23.1	22.5	22.4	22.5	22.0	NR	>150	NR	0	291	299	ND	100	0	6-hr composite air sample collected
10/23/2009	922	DPE-3	1924.0	13.0	70	70.6	0.033	143.0	2,715,000	15.2	14.1	14.6	14.0	13.8	NR	90	0	NR	199	190	ND	100	0	
11/17/2009	1800	DPE-1	2361.0	437.0	30	28.6	0.013	144.2	3,992,000	24.0	23.5	23.0	23.5	23.0	NR	>150	0	0	301	300	>4000	100	0	6-hr composite air sample collected
12/17/2009	907	DPE-5	2960.0	599.0	NR	62.1	0.029	177.8	6,218,000	19.5	19.0	18.7	18.9	18.9	NR	155	0	0	247	248	850	NR	0	6-hr composite air sample collected
12/28/2009	1300	DPE-2	3228.0	268.0	60	60.7	0.029	187.9	7,333,000	20.3	17.2	17.21	17.20	17.2	NR	122	0	0	266	268	720	NR	0	
1/14/2010	923	DPE-5	3568.0	340.0	100	97.8	0.046	201.1	8,769,000	15.5	14.9	14.46	NR	14.9	NR	98	0	0	182	156	NR	NR	0	6-hr composite air sample collected
1/27/2010	NR	DPE-7	3789.0	221.0	75	88.6	0.042	215.3	9,633,000	17.7	18.0	16.87	16.00	16.0	NR	68	0	0	156	165	NR	NR	0	
2/22/2010	800	DPE-8	4161.0	372.0	105	101.5	0.048	224.8	11,221,000	16.5	15.5	15.3	14.50	14.5	NR	91	0	0	215	219	ND	NR	0	6-hr composite air sample collected

Notes:
NR: Not recorded.
NA: Not applicable.

Attachment A - Table 2

Moisture Separator and Sump Operational Data
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	Time	MS Vacuum Valve hours	MS pump Hours	MS Pump Flow Totalizer (gal)		MS Pump Flow Rate (gpm)		MS Pump Pressure (psi)	Elevator Sump Water Flow (gal)		Comments
				Analog	Field	Analog	Field		Analog	Field	
6/29/2009	1640	49	48	8,464	8,473	NR	10.2	NR	300	NR	
9/4/2009	805	49	96	38,299	38,213	NP	12.0	21.0	300	500	
10/15/2009	1120	49	131	62,643	64,283	NP	11.8	44.0	300	500	
10/16/2009	621	49	131	62,886	NR	NP	NR	NR	300	500	
10/23/2009	922	49	132	63,113	NR	NR	NR	NR	300	500	
11/17/2009	1800	49	148	73,800	75,787	11.1	11.2	28.0	300	NR	
12/17/2009	907	49	175	89,800	92,293	NR	10.3	30.8	330	NR	
12/28/2009	1300	49	187	97,028	99,694	NR	11.0	NR	330	NR	
1/14/2010	923	49	202	106,024	108,984	NR	10.7	36.0	330	NR	
1/27/2010	NR	49	210	111,633	114,661	12.9	12.2	16.0	330	NR	
2/22/2010	8:00	49	232	122,167	128,552	12.9	12.9	14.0	330	500	

Notes:
NR: Not recorded.
NP: Not pumping

Attachment A - Table 3

Air Stripper Operational Data
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	Time	AS Blower Hours	AS Discharge Pump Hours	AS Blower Pressure (in. H_2O)	AS Exhaust Pressure (in. H_2O)	AS Discharge Pump Pressure (psi)	AS Exhaust PID (ppm)	Comments
6/29/2009	1640	54	4	18	12	29	NR	
9/4/2009	805	382	34	18	11	0	2140	PID was 180 ppm late in 20 min blower cycle
9/4/2009	946	383	34	18	11	31	509	
10/15/2009	1120	649	55	18	11	NR	ND	
10/16/2009	621	651	56	18	11	NR	ND	
10/23/2009	922	654	56	NR	NR	NR	NR	
11/17/2009	1800	772	65	18	12	NR	NR	
12/17/2009	902	951	78	18	11	30	71	
12/28/2009	1300	1032	84	17	11	NR	268	
1/14/2010	1800	1133	92	17	10	24	ND	
1/27/2010	NR	1188	96	18	11	24	NR	
2/22/2010	8:00	1349	103	18	11	22	ND	

Notes:
NR: Not recorded.
NP: Not pumping.
ND: Not detected.

Attachement A - Table 4

DPE Well Casing Vacuum Data (in. H_2O)
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Date	DPE-1	DPE-2	DPE-3	DPE-4	DPE-5	DPE-6	DPE-7	DPE-8
7/9/2009	**129.0**	2.6	0.1	0.1	0.4	1.9	2.4	0.0
8/11/2009	**117.0**	0.0	0.0	0.8	0.0	2.2	2.9	0.0
9/4/2009	**86.0**	NR	NR	NR	NR	NR	NR	NR
9/4/2009	**149.0**	NR	NR	NR	NR	NR	NR	NR
9/4/2009	**>150**	NR	NR	NR	NR	NR	NR	NR
10/15/2009	**>150**	3.4	0.3	0.9	1.3	1.9	0.5	0.04
10/23/2009	0.001	0.002	**90.0**	0.001	0.002	0.002	0.003	0.001
11/17/2009	0.000	0.000	0.000	0.000	**>150**	0.000	0.000	0.000
2/22/2010	**48**	**200**	**128**	**99**	**90**	**108**	**70**	**91**

Notes:
Bold indicates the current operating extraction well.

Attachement A - Table 5

DPE Well PID Readings
221 1st Avenue SW
Rochester, Minnesota

Well ID	Date	PID (ppm)	DPE Exhaust Flow Rate (scfm)	DPE Pump Inlet Vacuum (in. Hg)
DPE-1	27-Oct-09	37	45.0	18.00
DPE-2	27-Oct-09	50.6	40.0	19.00
DPE-3	27-Oct-09	15.7	73.0	15.00
DPE-4	27-Oct-09	23.9	35.0	22.00
DPE-5	27-Oct-09	3.8	40.0	22.00
DPE-6	27-Oct-09	ND	55.0	17.00
DPE-7	27-Oct-09	ND	60.0	16.00
DPE-8	27-Oct-09	ND	45.0	22.00
DPE-1	16-Nov-09	4000	56.3	20.28
DPE-2	16-Nov-09	0	39.0	22.13
DPE-3	16-Nov-09	1600	65.0	18.94
DPE-4	16-Nov-09	3.7	28.6	23.94
DPE-5	16-Nov-09	4000	30.4	23.88
DPE-6	16-Nov-09	4000	66.9	18.78
DPE-7	16-Nov-09	4000	75.5	17.70
DPE-8	16-Nov-09	4000	29.3	23.87
DPE-1	17-Dec-09	4000	62.1	19.53
DPE-2	17-Dec-09	11.8	NR	NR
DPE-3	17-Dec-09	57.5	NR	NR
DPE-4	17-Dec-09	4000	NR	NR
DPE-5	17-Dec-09	850	NR	NR
DPE-6	17-Dec-09	1680	NR	NR
DPE-7	17-Dec-09	490	NR	NR
DPE-8	17-Dec-09	559	NR	NR
DPE-1	28-Dec-09	1120	NR	NR
DPE-2	28-Dec-09	720	NR	NR
DPE-3	28-Dec-09	22.8	NR	NR
DPE-4	28-Dec-09	3.4	NR	NR
DPE-5	28-Dec-09	4000	NR	NR
DPE-6	28-Dec-09	901	NR	NR
DPE-7	28-Dec-09	905	NR	NR
DPE-8	28-Dec-09	595	NR	NR
DPE-1	14-Jan-10	NR	NR	NR
DPE-2	14-Jan-10	NR	NR	NR
DPE-3	14-Jan-10	NR	NR	NR
DPE-4	14-Jan-10	NR	NR	NR
DPE-5	14-Jan-10	NR	NR	NR
DPE-6	14-Jan-10	NR	NR	NR
DPE-7	14-Jan-10	NR	NR	NR
DPE-8	14-Jan-10	NR	NR	NR

Attachement A - Table 5

DPE Well PID Readings
221 1st Avenue SW
Rochester, Minnesota

Well ID	Date	PID (ppm)	DPE Exhaust Flow Rate (scfm)	DPE Pump Inlet Vacuum (in. Hg)
DPE-1	22-Feb-10	914.0	35.0	22.5
DPE-2	22-Feb-10	27.1	45.0	21.5
DPE-3	22-Feb-10	43.4	70.0	19.5
DPE-4	22-Feb-10	13.5	60.0	20.5
DPE-5	22-Feb-10	ND	100.0	16
DPE-6	22-Feb-10	7.1	65.0	19
DPE-7	22-Feb-10	ND	80.0	17.5
DPE-8	22-Feb-10	ND	100.0	16

Attachement A - Table 6

DPE Well Water Level Readings
221 1st Avenue SW
Rochester, Minnesota

Location	Date	Total Well Depth (ft below TOC)	Static Water Level (ft below TOC)	Static Water Column Thickness (ft)	Static Water Volume (gallons)	Operating Depth (ft below TOC)	Operating Water Column Thickness (ft)
DPE-1	23-Oct-09	21.9	14.88	7.02	4.6	21.8	0.1
DPE-1	27-Oct-09	21.9	14.54	7.36	4.8	21.9	0.0
DPE-1	16-Nov-09	21.9	14.45	7.45	4.9	21.9	0.0
DPE-1	17-Dec-09	21.9	15.13	6.77	4.4	21.8	0.1
DPE-1	14-Jan-10	21.9	15.53	6.37	4.2	21.0	0.9
DPE-1	22-Feb-10	21.9	12.22	9.68	6.3	21.9	0
DPE-2	23-Oct-09	20.5	15.53	4.97	3.2	19.95	0.55
DPE-2	27-Oct-09	20.5	16.35	4.15	2.7	20.51	-0.01
DPE-2	16-Nov-09	20.5	15.19	5.31	3.5	20.8	-0.3
DPE-2	17-Dec-09	20.5	15.69	4.81	3.1	20.4	0.1
DPE-2	14-Jan-10	20.5	16.04	4.46	2.9	20.15	0.35
DPE-2	22-Feb-10	20.5	14.19	6.31	4.1	20.5	0
DPE-3	23-Oct-09	17.1	14.76	2.34	1.5	17.5	-0.4
DPE-3	27-Oct-09	17.1	14.51	2.59	1.7	17.8	-0.7
DPE-3	16-Nov-09	17.1	14.59	2.51	1.6	17.5	-0.4
DPE-3	17-Dec-09	17.1	15.28	1.82	1.2	17.2	-0.1
DPE-3	14-Jan-10	17.1	16.52	0.58	0.4	17.1	0.0
DPE-3	22-Feb-10	17.1	15.29	1.81	1.2	17.3	-0.2
DPE-4	23-Oct-09	19.3	14.81	4.49	2.9	19.71	-0.41
DPE-4	27-Oct-09	19.3	14.58	4.72	3.1	19.8	-0.5
DPE-4	16-Nov-09	19.3	14.48	4.82	3.1	19.63	-0.33
DPE-4	17-Dec-09	19.3	15.44	3.86	2.5	19.3	0.0
DPE-4	14-Jan-10	19.3	16.08	3.22	2.1	19.6	-0.3
DPE-4	22-Feb-10	19.3	16.08	3.22	2.1	19.0	0.3
DPE-5	23-Oct-09	18.1	13.78	4.32	2.8	18.5	-0.4
DPE-5	27-Oct-09	18.1	13.52	4.58	3.0	18.7	-0.6
DPE-5	16-Nov-09	18.1	NR	NR	NR	18.1	0.0
DPE-5	14-Jan-10	18.1	15	3.1	2.0	19.2	-1.1
DPE-5	22-Feb-10	18.1	15.01	3.09	2.0	18.2	-0.1
DPE-6	23-Oct-09	19.5	14.56	4.94	3.2	19.8	-0.3
DPE-6	27-Oct-09	19.5	14.31	5.19	3.4	19.5	0.0
DPE-6	16-Nov-09	19.5	14.24	5.26	3.4	19.52	-0.02
DPE-6	17-Dec-09	19.5	14.84	4.66	3.0	19.8	-0.3
DPE-6	14-Jan-10	19.5	15.14	4.36	2.8	19.8	-0.3
DPE-6	22-Feb-10	19.5	15.61	3.89	2.5	19.1	0.4
DPE-7	23-Oct-09	22.2	15.68	6.52	4.3	22.2	0.0
DPE-7	27-Oct-09	22.2	15.49	6.71	4.4	22.2	0.0
DPE-7	16-Nov-09	22.2	15.44	6.76	4.4	22.17	0.03
DPE-7	17-Dec-09	22.2	16.03	6.17	4.0	22.4	-0.2
DPE-7	14-Jan-10	22.2	16.26	5.94	3.9	22.1	0.1
DPE-7	22-Feb-10	22.2	16.98	5.22	3.4	22.3	-0.1

Attachement A - Table 6

DPE Well Water Level Readings
221 1st Avenue SW
Rochester, Minnesota

Location	Date	Total Well Depth (ft below TOC)	Static Water Level (ft below TOC)	Static Water Column Thickness (ft)	Static Water Volume (gallons)	Operating Depth (ft below TOC)	Operating Water Column Thickness (ft)
DPE-8	23-Oct-09	17.5	13.18	4.32	2.8	17.3	0.2
DPE-8	27-Oct-09	17.5	13.24	4.26	2.8	17.9	-0.4
DPE-8	16-Nov-09	17.5	13.3	4.2	2.7	17.5	0.0
DPE-8	17-Dec-09	17.5	15.31	2.19	1.4	17.9	-0.4
DPE-8	14-Jan-10	17.5	16.58	0.92	0.6	17.75	-0.25
DPE-8	22-Feb-10	17.5	14.19	3.31	2.2	18.3	-0.8

Attachment A - Table 7

Maintenance Schedule
MN Bio Business Center
221 1st Avenue SW
Rochester, Minnesota

Maintenance Item	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10
DPE Pump Maintenance													
- Inspect Hoses, Piping and Fittings for Oil Leaks - MONTHLY	Sep 4	Oct 15, 16	Nov 16	Dec 17	Jan 14	Feb 22	X	X	X	X	X	X	X
- Check Oil Level (level should show at middle of site glass) - MONTHLY	Sep 4	Oct 15, 16	Nov 16	Dec 17	Jan 14	Feb 22	X	X	X	X	X	X	X
- Change Oil - EVERY 5,000 OPERATING HOURS							X						
- Inspect and Clean Pump Inlet Screen - EACH SITE VISIT	Sep 4	Oct 15, 16	Nov 6, 16, 27	Dec 4, 17, 28	Jan 14, 27	Feb 3, 10	X	X	X	X	X	X	X
Moisture Separator Maintenance													
- Clean Floats - MONTHLY	Sep 4	Oct 15, 16, 23, 27	Nov 16	Dec 17	Jan 14	Feb 3, 10, 16	X	X	X	X	X	X	X
- Check Sediment - MONTHLY		Oct 27	Nov 16	Dec 17	Jan 14	Feb 3, 10, 22	X	X	X	X	X	X	X
- Remove Sediment - AS NEEDED		Oct 27	Nov 16			Feb 3, 10, 22							
- Replace MS#1Filter (5 micron) - If Pressure Drop Occurs						Feb 26						X	
- Replace MS#2 Filter (1 micron) - If Pressure Drop Occurs						Feb 26						X	
- Transfer Pump (Moyno 34401 1 HP) - Inspect Hoses, Piping and Fittings	Sep 4	Oct 15, 16	Nov 16	Dec 17	Jan 14	Feb 22	X	X	X	X	X	X	X
for Water Leaks - MONTHLY													
- Replace Transfer Pump Stator - SEMI-ANNUALLY						Feb 16						X	
Air Stripper Maintenance													
- Clean Air Stripper - ANNUALLY OR AS NEEDED								X					
- Clean Floats - QUARTERLY						Feb 12							
- Discharge Pump (Meyers CT10 1 HP) - Inspect Hoses, Piping and	Sep 4	Oct 15, 16	Nov 16	Dec 17	Jan 14	Feb 22	X	X	X	X	X	X	X
Fittings for Water Leaks - MONTHLY													
- Blower (16N4 TBNA 3 HP) - Inspect Hoses, Piping and Fittings for	Sep 4	Oct 15, 16	Nov 16	Dec 17	Jan 14	Feb 22	X	X	X	X	X	X	X
Leaks - MONTHLY													
Solonoid Valve Maintenance													
- Inspect - MONTHLY	Sep 4	Oct 15, 16	Nov 16	Dec 17	Jan 14	Feb 22	X	X	X	X	X	X	X
- Clean - AS NEEDED		Oct 27	Nov 6	Dec 4									
- Rebuild - AS NEEDED				Dec 7									

Notes:

Sep 4: Date task completed.
X: Task to be completed during that month.

FIELD DATA SHEET 1 of 2

CLIENT NAME: CITY OF ROCHESTER
PROJECT ID: CRC
PROJECT NAME: MN BIO BUSINESS CENTER

DATE: 2/22/10
TIME: 800
RECORDED BY:

2009 SYSTEM STARTUP INFORMATION
Startup Date: 6/29/2009 MS Discharge Totalizer: 68 Sump Discharge Totalizer: 200

NOTES - **LEAVE VACUUM RELIEF VALVE SELECTOR SWITCH IN OFF POSITION**
LEAVE AIR STRIPPER SELECTOR SWITCHES IN AUTO POSITION

CURRENT OPERATING WELL: #8
DPE WELL BLEED VALVE % OPEN: X
DPE PUMP BLEED VALVE % OPEN:

ANALOG PANEL READINGS
DPE PUMP AIR FLOW (SCFM): 101.5
DPE WELL VACUUM (IN. HG): 15.33
DPE PUMP INLET VACUUM (IN. HG): 16.49
DPE PUMP OUTLET PRESSURE (PSI):
DPE PUMP OUTLET TEMP (DEG. F): 215
MS PUMP WATER FLOW (GPM): 12.8

TOTAL PANEL READINGS
DPE VACUUM PUMP (HRS): 4161
MS PUMP (HRS): 232
MS VACUUM VALVE (HRS): 49
AIR STRIPPER BLOWER (HRS): 1349
AIR STRIPPER PUMP (HRS): 103
DPE AIR FLOW (SCF): 112221800
MS PUMP WATER FLOW (GAL): 122167
SUMP PUMP WATER FLOW (GAL): 330

STATIC WATER LEVELS

	Clean to Dirty Ranking	Well Depth below TOC (FT)	Depth to Water below TOC (FT)
MW-14	3	17.5	12.61
MW-15	4	18	15.72
MW-16	10	18	13.89
MW-17	7	25	14.73
MW-18	6	60	15.69
MW-19	1	20	14.62
MW-20	8	16.7	12.78
DPE-1	15	21.9	18.82
DPE-2	13	20.5	16.19
DPE-3	14	17.1	15.29
DPE-4	12	19.3	16.08
DPE-5	9	18.1	15.01
DPE-6	5	19.5	15.61
DPE-7	2	22.2	16.93
DPE-8	11	17.5	16.19
Sump	1	7.74	6.81

FIELD MEASUREMENTS
DPE WELL CASING VACUUM (MM HG): See next
DPE WELL HEAD (DROP TUBE) VACUUM (IN. HG):
PRE-MANIFOLD VACUUM (IN. HG): 14.5
DPE WELL (PRE-MS) VACUUM (IN.HG): 14.5
POST-MS VACUUM (IN. HG): 15.5
DPE PUMP AIR FLOW (SCFM): 105
DPE EXHAUST PID CONC. (PPM): see next
DPE PUMP OUTLET PRESSURE (IN. H2O)): ND
DPE PUMP OUTLET TEMP (DEG. F): 219

MS PUMP WATER FLOWRATE (WHILE PUMPING) (GPM): 12.9
MS PUMP WATER PRESSURE (WHILE PUMPING) (PSI): 14
MS PUMP FLOW TOTALIZER READING (GAL): 12855.2

AS EXHAUST PRESSURE (IN. H20): 11
AS DISCHARGE PUMP PRESSURE (WHILE PUMPING) (PSI): 2.2
AS BLOWER PRESSURE (IN. H20): 18
AS EXHAUST PID (PPM): ND

ELEVATOR DRAIN TILE SUMP FLOW TOTALIZER (GAL): 500

OPERATING WATER LEVELS

DPE-1	21.9
DPE-2	20.5
DPE-3	17.3
DPE-4	19.0
DPE-5	18.2
DPE-6	19.1
DPE-7	22.3
DPE-8	16.3 dry

SUMP ROOM PID: ND

BASEMENT PID READINGS: ND

AMBIENT ROOM TEMPERATURE
CURRENT: 58 MAX: 60

COMMENTS/MAINTENANCE:
* Disabled Sump alarm

FIELD DATA SHEET

CLIENT NAME: CITY OF ROCHESTER
PROJECT ID: CRC
PROJECT NAME: MN BIO BUSINESS CENTER

DATE: 2/2/10
RECORDED BY:

2009 SYSTEM STARTUP INFORMATION
Startup Date: 6/29/2009 MS Discharge Totalizer: 68 Sump Discharge Totalizer: 200

NOTES - LEAVE VACUUM RELIEF VALVE SELECTOR SWITCH IN OFF POSITION
LEAVE AIR STRIPPER SELECTOR SWITCHES IN AUTO POSITION

CURRENT OPERATING WELL:
DPE WELL BLEED VALVE % OPEN:
DPE PUMP BLEED VALVE % OPEN:

ANALOG PANEL READINGS

DPE PUMP AIR FLOW (SCFM):	64.0
DPE WELL VACUUM (IN. HG):	18.41
DPE PUMP INLET VACUUM (IN. HG):	19.12
DPE PUMP OUTLET PRESSURE (PSI):	0
DPE PUMP OUTLET TEMP (DEG. F):	143
MS PUMP WATER FLOW (GPM):	0

3

TOTAL PANEL READINGS

DPE VACUUM PUMP (HRS):	3869
MS PUMP (HRS):	215
MS VACUUM VALVE (HRS):	49
AIR STRIPPER BLOWER (HRS):	1210
AIR STRIPPER PUMP (HRS):	98
DPE AIR FLOW (SCF):	9960000
MS PUMP WATER FLOW (GAL):	114973
SUMP PUMP WATER FLOW (GAL):	330

0:40

FIELD MEASUREMENTS

DPE WELL CASING VACUUM (MM HG):	X
DPE WELL HEAD (DROP TUBE) VACUUM (IN. HG):	X
PRE-MANIFOLD VACUUM (IN. HG):	17.5
DPE WELL (PRE-MS) VACUUM (IN.HG):	17.5
POST-MS VACUUM (IN. HG):	17.5
DPE PUMP AIR FLOW (SCFM):	65
DPE EXHAUST PID CONC. (PPM):	—
DPE PUMP OUTLET PRESSURE (IN. H2O)):	—
DPE PUMP OUTLET TEMP (DEG. F):	140
MS PUMP WATER FLOWRATE (WHILE PUMPING) (GPM):	
MS PUMP WATER PRESSURE (WHILE PUMPING) (PSI):	
MS PUMP FLOW TOTALIZER READING (GAL):	
AS EXHAUST PRESSURE (IN. H20):	
AS DISCHARGE PUMP PRESSURE (WHILE PUMPING) (PSI):	
AS BLOWER PRESSURE (IN. H20):	
AS EXHAUST PID (PPM):	
ELEVATOR DRAIN TILE SUMP FLOW TOTALIZER (GAL):	

WATER LEVEL MEASUREMENTS

	Clean to Dirty Ranking	Well Depth below TOC (FT)	Depth to Water below TOC (FT)
MW-14	3	17.5	
MW-15	4	18	
MW-16	10	18	
MW-17	7	25	
MW-18	6	60	
MW-19	1	20	
MW-20	8	16.7	
DPE-1	15	21.9	
DPE-2	13	20.5	
DPE-3	14	17.1	
DPE-4	12	19.3	
DPE-5	9	18.1	
DPE-6	5	19.5	
DPE-7	2	22.2	
DPE-8	11	17.5	
Sump	1	7.74	

WELL CASING VACUUMS	PID READINGS
DPE-1	DPE-1
DPE-2	DPE-2
DPE-3	DPE-3
DPE-4	DPE-4
DPE-5	DPE-5
DPE-6	DPE-6
DPE-7	DPE-7
DPE-8	DPE-8

SUMP ROOM PID:

BASEMENT PID READINGS:

AMBIENT ROOM TEMPERATURE
CURRENT: MAX:

COMMENTS/MAINTENANCE:
Removed sediment from separator
cleaned screen

MAINTENANCE CHECKLIST (Revised 2/16/10)

MN Bio Business Center
221 1st Avenue SW
Rochester, MN

Date: 2/22/10

Field Represenative: JEG

	Check Box	OBSERVATIONS AND/OR DESCRIPTION OF MAINTENANCE PERFORMED
DPE Pump Maintenance		
- Inspect Hoses, Piping and Fittings for Oil Leaks - MONTHLY	✓	
- Check Oil Level (level should show at middle of site glass) - MONTHLY	✓	
- Change Oil - EVERY 5,000 OPERATING HOURS	✓	
- Inspect and Clean Pump Inlet Screen - EACH SITE VISIT	✓	Cleaned Replaced
Moisture Separator Maintenance		
- Clean Floats - MONTHLY	✓	- Prior to install of New MS
- Check Sediment - MONTHLY		- Removed
- Remove Sediment - MONTHLY		- Removed
- Replace Filter - If Pressure Drop Occurs	NA	
- Transfer Pump (Moyno 34401 1 HP) - Inspect Hoses, Piping and Fittings for Water Leaks - MONTHLY	✓	
- Replace Transfer Pump Stator - SEMI-ANNUALLY	NA	
Air Stripper Maintenance		
- Clean Air Stripper - ANNUALLY OR AS NEEDED	NA	
- Clean Floats - Quarterly	NA	
- Discharge Pump (Meyers CT10 1 HP) - Inspect Hoses, Piping and Fittings for Water Leaks - MONTHLY	NA	
- Blower (16N4 TBNA 3 HP) - Inspect Hoses, Piping and Fittings for Leaks - MONTHLY	NA	
Solonoid Valve Maintenance		
- Inspect - MONTHLY	NA	
- Clean - AS NEEDED	NA	
- Rebuild - AS NEEDED	NA	

MAINTENANCE CHECKLIST (Revised 2/16/10)

MN Bio Business Center
221 1st Avenue SW
Rochester, MN

Date: 2/26/10

Field Represenative: JEG - JmW - PLC

	Check Box	OBSERVATIONS AND/OR DESCRIPTION OF MAINTENANCE PERFORMED
DPE Pump Maintenance		
- Inspect Hoses, Piping and Fittings for Oil Leaks - MONTHLY	✓	
- Check Oil Level (level should show at middle of site glass) - MONTHLY	✓	
- Change Oil - EVERY 5,000 OPERATING HOURS	✓	
- Inspect and Clean Pump Inlet Screen - EACH SITE VISIT	NA	
Moisture Separator Maintenance		
- Clean Floats - MONTHLY	NA	
- Check Sediment - MONTHLY	NA	
- Remove Sediment - MONTHLY	NA	
- Replace Filter - If Pressure Drop Occurs	→	Noted 1" Hg drop across first MS. Replaced Filter w/ New 5 micron Filter. New 1 micron Filter on top of New second MS. - 1" Hg removed after new filter
- Transfer Pump (Moyno 34401 1 HP) - Inspect Hoses, Piping and Fittings for Water Leaks - MONTHLY		
- Replace Transfer Pump Stator - SEMI-ANNUALLY	NA	
Air Stripper Maintenance		
- Clean Air Stripper - ANNUALLY OR AS NEEDED	NA	
- Clean Floats - Quarterly	NA	
- Discharge Pump (Meyers CT10 1 HP) - Inspect Hoses, Piping and Fittings for Water Leaks - MONTHLY	NA	
- Blower (16N4 TBNA 3 HP) - Inspect Hoses, Piping and Fittings for Leaks - MONTHLY	NA	
Solonoid Valve Maintenance		
- Inspect - MONTHLY	NA	
- Clean - AS NEEDED	NA	
- Rebuild - AS NEEDED	NA	

FIELD DATA SHEET 2 of 2

CLIENT NAME: CITY OF ROCHESTER
PROJECT ID: CRC
PROJECT NAME: MN BIO BUSINESS CENTER

DATE: 2/22/10
TIME:
RECORDED BY:

	PID READINGS	DPE EXHAUST FLOW RATE	DPE PUMP INLET VACUUM	WELL CASING VACUUMS
DPE-1	914	35	22.5	48
DPE-2	27.1	45	21.5	200
DPE-3	43.4	70	19.5	128
DPE-4	13.5	60	20.5	99
DPE-5	ND	100	16	90
DPE-6	7.1	65	19	108
DPE-7	ND	80	17.5	70
DPE-8	ND	100	16	91

AVE. = 69.4 scfm

Started CAN # 1037 @ 12:00 - 6 hr Run

@ 12:00 - 30

1603 — 13 PSI

drained and cleaned MS Tank

Field Information Data Sheet

Landmark Environmental, LLC

Client Name: _____

Project Name: _____ Project Number: _____

Location: _____ Date: 2/22/10

Station: _____ Sample time: _____

Casing diameter:		Time/ Volume	Temp °C	Cond @ 25	pH	Eh	D.O.	Turb. NTU
Total well depth:								
Static water level:	DPE-1		17.9	1152	6.23	255.6	8.16	
Water depth[1]:	DPE-2		17.5	2751	7.75	203	4.57	
Well volume (gal):	DPE-3		15.4	4707	7.90	310	7.59	
Purge method:	DPE-4		17.4	2899	7.11	198	7.64	
Sample Method:	DPE-5		16.7	3271	7.48	231	6.30	
Start time:	DPE-6		17.9	1240	7.81	213	5.42	
Stop time:	DPE-7		18.1	1354	7.84	209	5.31	
Duration (min.):	DPE-8	Odor:	16.2	2661	7.82	227	7.15	
Rate, gpm:		Purge appearance:						
Volume purged:		Sample appearance:						
Duplicate collected?		Comments:						
Sampled by:								
Others present:				Well Condition				
Analysis:	VOC filtered metal 500 ml filter in-line filter others:							
MW:gw monitoring well WS:water supply well SW:surface water SE:sediment other:								

[1] Measurements are referenced from top of riser pipe, unless otherwise indicated.

Field Information Data Sheet

Landmark Environmental, LLC

Client Name: _____

Project Name: _____ Project Number: _____

Location: _____ Date: 2/22/10

Station: MW5 Sample time: 16:30

Casing diameter:	2	Time/ Volume	Temp °C	Cond @ 25	pH	Eh	D.O.	Turb. NTU
Total well depth:	10							
Static water level:	15.72		19.5	1506	7.82	916	4.27	
Water depth[1]:	2.28							
Well volume (gal):	0.4							
Purge method:	whale							
Sample Method:	Bailer							
Start time:	—							
Stop time:	—							
Duration (min.):	—	Odor:						
Rate, gpm:	—	Purge appearance:		orange				
Volume purged:		Sample appearance:		orange				
Duplicate collected?		Comments: 1 gallon dry						
Sampled by:								
Others present:				Well Condition				
Analysis:	VOC filtered metal 500 ml filter in-line filter others:							
MW:gw monitoring well WS:water supply well SW:surface water SE:sediment other:								

[1] Measurements are referenced from top of riser pipe, unless otherwise indicated.

Field Information Data Sheet

Landmark Environmental, LLC

Client Name: _____

Project Name: _____ Project Number: _____

Location: _____ Date: 2/22/10

Station: MW16 Sample time: 17:00

Casing diameter:	2	Time/ Volume	Temp °C	Cond @ 25	pH	Eh	D.O.	Turb. NTU
Total well depth:	10							
Static water level:	13.69		10.54	3238	7.31	115	4.17	
Water depth[1]:	4.32							
Well volume (gal):	.7							
Purge method:	Whale							
Sample Method:	Bailer							
Start time:								
Stop time:								
Duration (min.):		Odor:						
Rate, gpm:		Purge appearance:		orange				
Volume purged:		Sample appearance:		↓				
Duplicate collected?		Comments:		1 Gallon dry				
Sampled by:								
Others present:				Well Condition				
Analysis:	VOC filtered metal 500 ml filter in-line filter others:							
MW:gw monitoring well WS:water supply well SW:surface water SE:sediment other:								

[1] Measurements are referenced from top of riser pipe, unless otherwise indicated.

Field Information Data Sheet

Landmark Environmental, LLC

Client Name: _____

Project Name: _____ Project Number: _____

Location: _____ Date: 2/22/16

Station: MW17 Sample time: 17:30

Casing diameter:	2	Time/ Volume	Temp °C	Cond @ 25	pH	Eh	D.O.	Turb. NTU
Total well depth:	25							
Static water level:	14.37		18.25	1608	7.66	763	2.02	
Water depth[1]:	1.7							
Well volume (gal):	10.63							
Purge method:	Whale							
Sample Method:	Bailer							
Start time:								
Stop time:								
Duration (min.):		Odor:						
Rate, gpm:		Purge appearance:		orange				
Volume purged:		Sample appearance:		orange				
Duplicate collected?		Comments:	2 Gallons dry					
Sampled by:								
Others present:				Well Condition				
Analysis:	VOC filtered metal 500 ml filter in-line filter others:							
MW:gw monitoring well WS:water supply well SW:surface water SE:sediment other:								

[1] Measurements are referenced from top of riser pipe, unless otherwise indicated.

Field Information Data Sheet

Landmark Environmental, LLC

Client Name: _____

Project Name: _____ Project Number: _____

Location: _____ Date: 2/22/10

Station: MW 16 Sample time: 18:00

Casing diameter:	2	Time/ Volume	Temp °C	Cond @ 25	pH	Eh	D.O.	Turb. NTU
Total well depth:	60							
Static water level:	15.45	—	17.7	2061	7.41	244	1.19	—
Water depth[1]:	44.55							
Well volume (gal):	7.2							
Purge method:	Whale							
Sample Method:	Bailer							
Start time:	/							
Stop time:	/							
Duration (min.):	/	Odor:	yes Petro					
Rate, gpm:	/	Purge appearance:		c/d				
Volume purged:	/	Sample appearance:		c/d				
Duplicate collected?	/	Comments:	6 gallons drg					
Sampled by:	/							
Others present:				Well Condition				
Analysis:	(VOC) filtered metal 500 ml filter in-line filter others:							
MW:gw monitoring well WS:water supply well SW:surface water SE:sediment other:								

[1] Measurements are referenced from top of riser pipe, unless otherwise indicated.

Field Information Data Sheet

Landmark Environmental, LLC

Client Name: _____

Project Name: _____ Project Number: _____

Location: _____ Date: 2/23/10

Station: MW14 Sample time: _____

Casing diameter:	2	Time/ Volume	Temp °C	Cond @ 25	pH	Eh	D.O.	Turb. NTU
Total well depth:	17.5							
Static water level:	12.51		18.51	1693	7.54	186	2.80	
Water depth[1]:	4.99							
Well volume (gal):	0.8							
Purge method:	Whale							
Sample Method:	Bailer							
Start time:	✓							
Stop time:								
Duration (min.):	✓	Odor:						
Rate, gpm:		Purge appearance:						
Volume purged:	✓	Sample appearance:						
Duplicate collected?		Comments: 1 gallon dry						
Sampled by:	✓							
Others present:	✓			Well Condition				
Analysis:	VOC filtered metal 500 ml filter in-line filter others:							
MW:gw monitoring well WS:water supply well SW:surface water SE:sediment other:								

[1] Measurements are referenced from top of riser pipe, unless otherwise indicated.

Field Information Data Sheet

Landmark Environmental, LLC

Client Name: _____

Project Name: _____ Project Number: _____

Location: _____ Date: 2/23/10

Station: MW19 Sample time: _____

Casing diameter:		Time/ Volume	Temp °C	Cond @ 25	pH	Eh	D.O.	Turb. NTU
Total well depth:	20							
Static water level:	14.62		15.31	4277	6.88	130	5.42	
Water depth[1]:	5.38							
Well volume (gal):	0.8							
Purge method:	whale							
Sample Method:	Bailer							
Start time:	✓							
Stop time:	✓							
Duration (min.):		Odor:						
Rate, gpm:	✓	Purge appearance:						
Volume purged:	✓	Sample appearance:						
Duplicate collected?	✓	Comments: 1 gallon dry						
Sampled by:	✓							
Others present:				Well Condition				
Analysis:	VOC filtered metal 500 ml filter in-line filter others:							
MW:gw monitoring well WS:water supply well SW:surface water SE:sediment other:								

[1] Measurements are referenced from top of riser pipe, unless otherwise indicated.

Field Information Data Sheet

Landmark Environmental, LLC

Client Name: _____

Project Name: _____ Project Number: _____

Location: _____ Date: 2/23/10

Station: MW 20 Sample time: _____

Casing diameter:	2	Time/ Volume	Temp °C	Cond @ 25	pH	Eh	D.O.	Turb. NTU
Total well depth:	16.7							
Static water level:	12.78		16.82	4720	7.23	322	5.22	
Water depth[1]:	3.92							
Well volume (gal):	0.6							
Purge method:	Whale							
Sample Method:	Bailer							
Start time:								
Stop time:								
Duration (min.):		Odor:						
Rate, gpm:		Purge appearance:						
Volume purged:		Sample appearance:						
Duplicate collected?		Comments: 1 gallon dry						
Sampled by:								
Others present:				Well Condition				
Analysis:	VOC filtered metal 500 ml filter in-line filter others:							
MW:gw monitoring well WS:water supply well SW:surface water SE:sediment other:								

[1] Measurements are referenced from top of riser pipe, unless otherwise indicated.

Attachment B

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

March 02, 2010

Mr. Jason Skramstad
Landmark Environmental
2042 W. 98th. St.
Minneapolis, MN 55431

RE: Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

Dear Mr. Skramstad:
Enclosed are the analytical results for sample(s) received by the laboratory on February 24, 2010. 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,

Carolynne Trout

Carolynne Trout

carolynne.trout@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

Minnesota Certification IDs

1700 Elm Street SE, Suite 200 Minneapolis, MN 55414
Alaska Certification #: UST-078
Washington Certification #: C754
Tennessee Certification #: 02818
Pennsylvania Certification #: 68-00563
Oregon Certification #: MN200001
North Dakota Certification #: R-036
North Carolina Certification #: 530
New York Certification #: 11647
New Jersey Certification #: MN-002
Montana Certification #: MT CERT0092
Minnesota Certification #: 027-053-137
Michigan DEQ Certification #: 9909
Maine Certification #: 2007029
Louisiana Certification #: LA080009
Louisiana Certification #: 03086
Kansas Certification #: E-10167
Iowa Certification #: 368
Illinois Certification #: 200011
Florida/NELAP Certification #: E87605
California Certification #: 01155CA
Arizona Certification #: AZ-0014
Wisconsin Certification #: 999407970

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10123026001	**AS-INFLUENT**	Water	02/22/10 14:30	02/24/10 12:17
10123026002	**AS-EFFLUENT**	Water	02/22/10 14:45	02/24/10 12:17

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SAMPLE ANALYTE COUNT

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10123026001	**AS-INFLUENT**	EPA 624	DRE	82
10123026002	**AS-EFFLUENT**	EPA 624	DRE	82

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

Sample: AS-INFLUENT **Lab ID: 10123026001** Collected: 02/22/10 14:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 MSV	Analytical Method: EPA 624							
Acetone	ND	ug/L	10.0	1		02/25/10 17:15	67-64-1	
Acrolein	ND	ug/L	40.0	1		02/25/10 17:15	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		02/25/10 17:15	107-13-1	
Allyl chloride	ND	ug/L	4.0	1		02/25/10 17:15	107-05-1	
Benzene	ND	ug/L	1.0	1		02/25/10 17:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/25/10 17:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/25/10 17:15	74-97-5	
Bromodichloromethane	ND	ug/L	4.0	1		02/25/10 17:15	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/25/10 17:15	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/25/10 17:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/25/10 17:15	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/25/10 17:15	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/25/10 17:15	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/25/10 17:15	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		02/25/10 17:15	75-15-0	
Carbon tetrachloride	ND	ug/L	4.0	1		02/25/10 17:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/25/10 17:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/25/10 17:15	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	10.0	1		02/25/10 17:15	110-75-8	
Chloroform	ND	ug/L	1.0	1		02/25/10 17:15	67-66-3	
Chloromethane	ND	ug/L	4.0	1		02/25/10 17:15	74-87-3	
Chloroprene	ND	ug/L	1.0	1		02/25/10 17:15	126-99-8	
2-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 17:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 17:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/25/10 17:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/25/10 17:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/25/10 17:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/25/10 17:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 17:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 17:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 17:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/25/10 17:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/25/10 17:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/25/10 17:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/25/10 17:15	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	1		02/25/10 17:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 17:15	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 17:15	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 17:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/25/10 17:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	4.0	1		02/25/10 17:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/25/10 17:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 17:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 17:15	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/25/10 17:15	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/25/10 17:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/25/10 17:15	87-68-3	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

Sample: AS-INFLUENT **Lab ID: 10123026001** Collected: 02/22/10 14:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 MSV	Analytical Method: EPA 624							
2-Hexanone	ND	ug/L	4.0	1		02/25/10 17:15	591-78-6	
Iodomethane	ND	ug/L	4.0	1		02/25/10 17:15	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/25/10 17:15	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/25/10 17:15	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/25/10 17:15	75-09-2	
2-Methylnaphthalene	ND	ug/L	5.0	1		02/25/10 17:15	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/25/10 17:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/25/10 17:15	1634-04-4	
Naphthalene	ND	ug/L	4.0	1		02/25/10 17:15	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/25/10 17:15	103-65-1	
Styrene	ND	ug/L	1.0	1		02/25/10 17:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 17:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 17:15	79-34-5	
Tetrachloroethene	**69.6**	ug/L	1.0	1		02/25/10 17:15	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		02/25/10 17:15	109-99-9	
Toluene	ND	ug/L	1.0	1		02/25/10 17:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 17:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 17:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/25/10 17:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	4.0	1		02/25/10 17:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/25/10 17:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	4.0	1		02/25/10 17:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/25/10 17:15	96-18-4	
1,1,2-Trichlorotrifluoroethane	**2.1**	ug/L	1.0	1		02/25/10 17:15	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 17:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 17:15	108-67-8	
Vinyl acetate	ND	ug/L	20.0	1		02/25/10 17:15	108-05-4	
Vinyl chloride	ND	ug/L	0.40	1		02/25/10 17:15	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/25/10 17:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/25/10 17:15	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/25/10 17:15	95-47-6	
Dibromofluoromethane (S)	106	%	75-125	1		02/25/10 17:15	1868-53-7	
4-Bromofluorobenzene (S)	99	%	75-125	1		02/25/10 17:15	460-00-4	
Toluene-d8 (S)	94	%	75-125	1		02/25/10 17:15	2037-26-5	
1,2-Dichloroethane-d4 (S)	108	%	75-125	1		02/25/10 17:15	17060-07-0	

Sample: AS-EFFLUENT **Lab ID: 10123026002** Collected: 02/22/10 14:45 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 MSV	Analytical Method: EPA 624							
Acetone	ND	ug/L	10.0	1		02/25/10 14:54	67-64-1	
Acrolein	ND	ug/L	40.0	1		02/25/10 14:54	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		02/25/10 14:54	107-13-1	
Allyl chloride	ND	ug/L	4.0	1		02/25/10 14:54	107-05-1	
Benzene	ND	ug/L	1.0	1		02/25/10 14:54	71-43-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

Sample: AS-EFFLUENT **Lab ID: 10123026002** Collected: 02/22/10 14:45 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 MSV	Analytical Method: EPA 624							
Bromobenzene	ND	ug/L	1.0	1		02/25/10 14:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/25/10 14:54	74-97-5	
Bromodichloromethane	ND	ug/L	4.0	1		02/25/10 14:54	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/25/10 14:54	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/25/10 14:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/25/10 14:54	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/25/10 14:54	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/25/10 14:54	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/25/10 14:54	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		02/25/10 14:54	75-15-0	
Carbon tetrachloride	ND	ug/L	4.0	1		02/25/10 14:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/25/10 14:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/25/10 14:54	75-00-3	
2-Chloroethylvinyl ether	ND	ug/L	10.0	1		02/25/10 14:54	110-75-8	
Chloroform	ND	ug/L	1.0	1		02/25/10 14:54	67-66-3	
Chloromethane	ND	ug/L	4.0	1		02/25/10 14:54	74-87-3	
Chloroprene	ND	ug/L	1.0	1		02/25/10 14:54	126-99-8	
2-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 14:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 14:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/25/10 14:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/25/10 14:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/25/10 14:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/25/10 14:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 14:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 14:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 14:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/25/10 14:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/25/10 14:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/25/10 14:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/25/10 14:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 14:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 14:54	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 14:54	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 14:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/25/10 14:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	4.0	1		02/25/10 14:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/25/10 14:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 14:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 14:54	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/25/10 14:54	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/25/10 14:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/25/10 14:54	87-68-3	
2-Hexanone	ND	ug/L	4.0	1		02/25/10 14:54	591-78-6	
Iodomethane	ND	ug/L	4.0	1		02/25/10 14:54	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/25/10 14:54	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/25/10 14:54	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/25/10 14:54	75-09-2	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

Sample: AS-EFFLUENT **Lab ID: 10123026002** Collected: 02/22/10 14:45 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624 MSV	Analytical Method: EPA 624							
2-Methylnaphthalene	ND	ug/L	5.0	1		02/25/10 14:54	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/25/10 14:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/25/10 14:54	1634-04-4	
Naphthalene	ND	ug/L	4.0	1		02/25/10 14:54	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/25/10 14:54	103-65-1	
Styrene	ND	ug/L	1.0	1		02/25/10 14:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 14:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 14:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/25/10 14:54	127-18-4	
Tetrahydrofuran	**15.7**	ug/L	10.0	1		02/25/10 14:54	109-99-9	
Toluene	ND	ug/L	1.0	1		02/25/10 14:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 14:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 14:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/25/10 14:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	4.0	1		02/25/10 14:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/25/10 14:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	4.0	1		02/25/10 14:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/25/10 14:54	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/25/10 14:54	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 14:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 14:54	108-67-8	
Vinyl acetate	ND	ug/L	20.0	1		02/25/10 14:54	108-05-4	
Vinyl chloride	ND	ug/L	0.40	1		02/25/10 14:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/25/10 14:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/25/10 14:54	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/25/10 14:54	95-47-6	
Dibromofluoromethane (S)	102	%	75-125	1		02/25/10 14:54	1868-53-7	
4-Bromofluorobenzene (S)	103	%	75-125	1		02/25/10 14:54	460-00-4	
Toluene-d8 (S)	95	%	75-125	1		02/25/10 14:54	2037-26-5	
1,2-Dichloroethane-d4 (S)	96	%	75-125	1		02/25/10 14:54	17060-07-0	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

QC Batch: MSV/13967 Analysis Method: EPA 624
QC Batch Method: EPA 624 Analysis Description: 624 MSV
Associated Lab Samples: 10123026001, 10123026002

METHOD BLANK: 752134 Matrix: Water
Associated Lab Samples: 10123026001, 10123026002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	02/25/10 14:10	
1,1,1-Trichloroethane	ug/L	ND	1.0	02/25/10 14:10	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	02/25/10 14:10	
1,1,2-Trichloroethane	ug/L	ND	4.0	02/25/10 14:10	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	02/25/10 14:10	
1,1-Dichloroethane	ug/L	ND	1.0	02/25/10 14:10	
1,1-Dichloroethene	ug/L	ND	1.0	02/25/10 14:10	
1,1-Dichloropropene	ug/L	ND	1.0	02/25/10 14:10	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	02/25/10 14:10	
1,2,3-Trichloropropane	ug/L	ND	1.0	02/25/10 14:10	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	02/25/10 14:10	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	02/25/10 14:10	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	02/25/10 14:10	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	02/25/10 14:10	
1,2-Dichlorobenzene	ug/L	ND	1.0	02/25/10 14:10	
1,2-Dichloroethane	ug/L	ND	1.0	02/25/10 14:10	
1,2-Dichloropropane	ug/L	ND	1.0	02/25/10 14:10	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	02/25/10 14:10	
1,3-Dichlorobenzene	ug/L	ND	1.0	02/25/10 14:10	
1,3-Dichloropropane	ug/L	ND	1.0	02/25/10 14:10	
1,4-Dichlorobenzene	ug/L	ND	1.0	02/25/10 14:10	
2,2-Dichloropropane	ug/L	ND	4.0	02/25/10 14:10	
2-Butanone (MEK)	ug/L	ND	4.0	02/25/10 14:10	
2-Chloroethylvinyl ether	ug/L	ND	10.0	02/25/10 14:10	
2-Chlorotoluene	ug/L	ND	1.0	02/25/10 14:10	
2-Hexanone	ug/L	ND	4.0	02/25/10 14:10	
2-Methylnaphthalene	ug/L	6.3	5.0	02/25/10 14:10	B-
4-Chlorotoluene	ug/L	ND	1.0	02/25/10 14:10	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	02/25/10 14:10	
Acetone	ug/L	ND	10.0	02/25/10 14:10	
Acrolein	ug/L	ND	40.0	02/25/10 14:10	
Acrylonitrile	ug/L	ND	10.0	02/25/10 14:10	
Allyl chloride	ug/L	ND	4.0	02/25/10 14:10	
Benzene	ug/L	ND	1.0	02/25/10 14:10	
Bromobenzene	ug/L	ND	1.0	02/25/10 14:10	
Bromochloromethane	ug/L	ND	1.0	02/25/10 14:10	
Bromodichloromethane	ug/L	ND	4.0	02/25/10 14:10	
Bromoform	ug/L	ND	8.0	02/25/10 14:10	
Bromomethane	ug/L	ND	4.0	02/25/10 14:10	
Carbon disulfide	ug/L	ND	1.0	02/25/10 14:10	
Carbon tetrachloride	ug/L	ND	4.0	02/25/10 14:10	
Chlorobenzene	ug/L	ND	1.0	02/25/10 14:10	
Chloroethane	ug/L	ND	1.0	02/25/10 14:10	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

METHOD BLANK: 752134 Matrix: Water

Associated Lab Samples: 10123026001, 10123026002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	1.0	02/25/10 14:10	
Chloromethane	ug/L	ND	4.0	02/25/10 14:10	
Chloroprene	ug/L	ND	1.0	02/25/10 14:10	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/25/10 14:10	
cis-1,3-Dichloropropene	ug/L	ND	4.0	02/25/10 14:10	
Dibromochloromethane	ug/L	ND	1.0	02/25/10 14:10	
Dibromomethane	ug/L	ND	1.0	02/25/10 14:10	
Dichlorodifluoromethane	ug/L	ND	1.0	02/25/10 14:10	
Dichlorofluoromethane	ug/L	ND	1.0	02/25/10 14:10	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	02/25/10 14:10	
Ethylbenzene	ug/L	ND	1.0	02/25/10 14:10	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	02/25/10 14:10	
Iodomethane	ug/L	ND	4.0	02/25/10 14:10	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	02/25/10 14:10	
m&p-Xylene	ug/L	ND	2.0	02/25/10 14:10	
Methyl-tert-butyl ether	ug/L	ND	1.0	02/25/10 14:10	
Methylene Chloride	ug/L	ND	4.0	02/25/10 14:10	
n-Butylbenzene	ug/L	ND	1.0	02/25/10 14:10	
n-Propylbenzene	ug/L	ND	1.0	02/25/10 14:10	
Naphthalene	ug/L	ND	4.0	02/25/10 14:10	
o-Xylene	ug/L	ND	1.0	02/25/10 14:10	
p-Isopropyltoluene	ug/L	ND	1.0	02/25/10 14:10	
sec-Butylbenzene	ug/L	ND	1.0	02/25/10 14:10	
Styrene	ug/L	ND	1.0	02/25/10 14:10	
tert-Butylbenzene	ug/L	ND	1.0	02/25/10 14:10	
Tetrachloroethene	ug/L	ND	1.0	02/25/10 14:10	
Tetrahydrofuran	ug/L	ND	10.0	02/25/10 14:10	
Toluene	ug/L	ND	1.0	02/25/10 14:10	
trans-1,2-Dichloroethene	ug/L	ND	1.0	02/25/10 14:10	
trans-1,3-Dichloropropene	ug/L	ND	4.0	02/25/10 14:10	
Trichloroethene	ug/L	ND	1.0	02/25/10 14:10	
Trichlorofluoromethane	ug/L	ND	4.0	02/25/10 14:10	
Vinyl acetate	ug/L	ND	20.0	02/25/10 14:10	
Vinyl chloride	ug/L	ND	0.40	02/25/10 14:10	
Xylene (Total)	ug/L	ND	3.0	02/25/10 14:10	
1,2-Dichloroethane-d4 (S)	%	97	75-125	02/25/10 14:10	
4-Bromofluorobenzene (S)	%	108	75-125	02/25/10 14:10	
Dibromofluoromethane (S)	%	100	75-125	02/25/10 14:10	
Toluene-d8 (S)	%	95	75-125	02/25/10 14:10	

LABORATORY CONTROL SAMPLE: 752135

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.7	99	75-129	
1,1,1-Trichloroethane	ug/L	50	48.1	96	73-144	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

LABORATORY CONTROL SAMPLE: 752135

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	50	45.6	91	75-125	
1,1,2-Trichloroethane	ug/L	50	43.7	87	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	50	51.3	103	75-143	
1,1-Dichloroethane	ug/L	50	47.1	94	75-135	
1,1-Dichloroethene	ug/L	50	47.2	94	75-133	
1,1-Dichloropropene	ug/L	50	48.8	98	75-131	
1,2,3-Trichlorobenzene	ug/L	50	51.0	102	73-141	
1,2,3-Trichloropropane	ug/L	50	46.6	93	75-126	
1,2,4-Trichlorobenzene	ug/L	50	51.4	103	70-148	
1,2,4-Trimethylbenzene	ug/L	50	49.7	99	75-141	
1,2-Dibromo-3-chloropropane	ug/L	50	46.7	93	64-135	
1,2-Dibromoethane (EDB)	ug/L	50	49.6	99	75-125	
1,2-Dichlorobenzene	ug/L	50	48.2	96	75-125	
1,2-Dichloroethane	ug/L	50	48.4	97	75-136	
1,2-Dichloropropane	ug/L	50	48.8	98	75-130	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	75-141	
1,3-Dichlorobenzene	ug/L	50	48.0	96	75-125	
1,3-Dichloropropane	ug/L	50	45.4	91	75-125	
1,4-Dichlorobenzene	ug/L	50	45.8	92	75-125	
2,2-Dichloropropane	ug/L	50	54.2	108	50-150	
2-Butanone (MEK)	ug/L	50	48.4	97	58-138	
2-Chloroethylvinyl ether	ug/L	125	124	99	50-150	
2-Chlorotoluene	ug/L	50	47.3	95	75-132	
2-Hexanone	ug/L	50	45.9	92	65-135	
2-Methylnaphthalene	ug/L	50	49.7	99	62-150	B-
4-Chlorotoluene	ug/L	50	46.2	92	75-135	
4-Methyl-2-pentanone (MIBK)	ug/L	50	50.0	100	69-137	
Acetone	ug/L	125	124	99	52-141	
Acrolein	ug/L	500	498	100	50-150	
Acrylonitrile	ug/L	500	458	92	75-130	
Allyl chloride	ug/L	50	40.3	81	68-150	
Benzene	ug/L	50	46.3	93	75-125	
Bromobenzene	ug/L	50	47.4	95	75-125	
Bromochloromethane	ug/L	50	49.6	99	75-129	
Bromodichloromethane	ug/L	50	50.6	101	75-142	
Bromoform	ug/L	100	105	105	66-135	
Bromomethane	ug/L	50	44.7	89	57-150	
Carbon disulfide	ug/L	50	43.3	87	65-132	
Carbon tetrachloride	ug/L	50	50.4	101	75-148	
Chlorobenzene	ug/L	50	47.5	95	75-125	
Chloroethane	ug/L	50	46.9	94	66-142	
Chloroform	ug/L	50	46.0	92	75-131	
Chloromethane	ug/L	50	40.4	81	52-147	
Chloroprene	ug/L	50	49.2	98	71-147	
cis-1,2-Dichloroethene	ug/L	50	47.3	95	75-126	
cis-1,3-Dichloropropene	ug/L	50	53.2	106	69-150	
Dibromochloromethane	ug/L	50	50.4	101	73-138	
Dibromomethane	ug/L	50	47.2	94	75-127	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

LABORATORY CONTROL SAMPLE: 752135

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dichlorodifluoromethane	ug/L	50	38.7	77	50-150	
Dichlorofluoromethane	ug/L	50	47.0	94	75-129	
Diethyl ether (Ethyl ether)	ug/L	50	46.2	92	75-126	
Ethylbenzene	ug/L	50	47.8	96	75-132	
Hexachloro-1,3-butadiene	ug/L	50	51.1	102	75-129	
Iodomethane	ug/L	50	46.0	92	73-150	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	75-142	
m&p-Xylene	ug/L	100	96.3	96	75-131	
Methyl-tert-butyl ether	ug/L	50	50.1	100	75-130	
Methylene Chloride	ug/L	50	43.8	88	71-125	
n-Butylbenzene	ug/L	50	50.0	100	70-148	
n-Propylbenzene	ug/L	50	47.4	95	75-136	
Naphthalene	ug/L	50	56.6	113	69-145	
o-Xylene	ug/L	50	49.8	100	75-129	
p-Isopropyltoluene	ug/L	50	50.0	100	75-132	
sec-Butylbenzene	ug/L	50	50.0	100	75-136	
Styrene	ug/L	50	49.9	100	75-125	
tert-Butylbenzene	ug/L	50	48.4	97	75-135	
Tetrachloroethene	ug/L	50	48.2	96	75-125	
Tetrahydrofuran	ug/L	500	477	95	63-144	
Toluene	ug/L	50	46.7	93	75-125	
trans-1,2-Dichloroethene	ug/L	50	46.6	93	72-135	
trans-1,3-Dichloropropene	ug/L	50	50.7	101	62-150	
Trichloroethene	ug/L	50	48.6	97	75-125	
Trichlorofluoromethane	ug/L	50	48.4	97	67-150	
Vinyl acetate	ug/L	50	51.9	104	55-150	
Vinyl chloride	ug/L	50	39.1	78	63-147	
Xylene (Total)	ug/L	150	146	97	75-130	
1,2-Dichloroethane-d4 (S)	%			98	75-125	
4-Bromofluorobenzene (S)	%			102	75-125	
Dibromofluoromethane (S)	%			92	75-125	
Toluene-d8 (S)	%			90	75-125	

MATRIX SPIKE SAMPLE: 753706

Parameter	Units	10123026002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.3	101	70-136	
1,1,1-Trichloroethane	ug/L	ND	20	22.2	111	68-150	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	18.0	90	75-125	
1,1,2-Trichloroethane	ug/L	ND	20	18.1	90	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	25.0	125	75-150	
1,1-Dichloroethane	ug/L	ND	20	21.7	108	67-143	
1,1-Dichloroethene	ug/L	ND	20	22.9	115	75-147	
1,1-Dichloropropene	ug/L	ND	20	22.3	112	75-141	
1,2,3-Trichlorobenzene	ug/L	ND	20	21.2	106	71-141	
1,2,3-Trichloropropane	ug/L	ND	20	17.0	85	75-128	
1,2,4-Trichlorobenzene	ug/L	ND	20	21.2	106	61-148	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

MATRIX SPIKE SAMPLE: 753706

Parameter	Units	10123026002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	ND	20	21.1	105	65-145	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.3	97	64-135	
1,2-Dibromoethane (EDB)	ug/L	ND	20	19.7	99	75-126	
1,2-Dichlorobenzene	ug/L	ND	20	19.1	95	75-127	
1,2-Dichloroethane	ug/L	ND	20	20.0	100	70-138	
1,2-Dichloropropane	ug/L	ND	20	20.1	100	75-130	
1,3,5-Trimethylbenzene	ug/L	ND	20	20.8	104	61-150	
1,3-Dichlorobenzene	ug/L	ND	20	19.9	100	75-126	
1,3-Dichloropropane	ug/L	ND	20	19.0	95	75-125	
1,4-Dichlorobenzene	ug/L	ND	20	19.1	95	75-125	
2,2-Dichloropropane	ug/L	ND	20	25.4	127	50-150	
2-Butanone (MEK)	ug/L	ND	20	20.1	83	50-141	
2-Chloroethylvinyl ether	ug/L	ND	50	10.0	20	50-150	P5
2-Chlorotoluene	ug/L	ND	20	21.0	105	75-137	
2-Hexanone	ug/L	ND	20	15.8	79	66-135	
2-Methylnaphthalene	ug/L	ND	20	24.9	124	62-150	B-
4-Chlorotoluene	ug/L	ND	20	20.4	102	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	17.4	87	62-142	
Acetone	ug/L	ND	50	53.7	90	50-150	
Acrolein	ug/L	ND	200	198	99	50-150	
Acrylonitrile	ug/L	ND	200	181	91	70-135	
Allyl chloride	ug/L	ND	20	21.1	106	50-150	
Benzene	ug/L	ND	20	20.1	100	75-125	
Bromobenzene	ug/L	ND	20	20.2	101	75-125	
Bromochloromethane	ug/L	ND	20	21.6	108	73-137	
Bromodichloromethane	ug/L	ND	20	19.8	99	70-142	
Bromoform	ug/L	ND	40	37.2	93	55-135	
Bromomethane	ug/L	ND	20	21.7	109	50-150	
Carbon disulfide	ug/L	ND	20	21.3	107	50-150	
Carbon tetrachloride	ug/L	ND	20	22.8	114	64-150	
Chlorobenzene	ug/L	ND	20	20.4	102	75-125	
Chloroethane	ug/L	ND	20	23.0	115	59-150	
Chloroform	ug/L	ND	20	20.3	102	75-132	
Chloromethane	ug/L	ND	20	21.6	108	52-150	
Chloroprene	ug/L	ND	20	23.0	115	54-150	
cis-1,2-Dichloroethene	ug/L	ND	20	21.0	105	64-144	
cis-1,3-Dichloropropene	ug/L	ND	20	20.8	104	56-150	
Dibromochloromethane	ug/L	ND	20	20.3	101	60-138	
Dibromomethane	ug/L	ND	20	19.1	95	75-127	
Dichlorodifluoromethane	ug/L	ND	20	21.6	108	50-150	
Dichlorofluoromethane	ug/L	ND	20	22.5	113	74-142	
Diethyl ether (Ethyl ether)	ug/L	ND	20	19.7	99	75-127	
Ethylbenzene	ug/L	ND	20	21.0	105	75-134	
Hexachloro-1,3-butadiene	ug/L	ND	20	23.4	117	63-150	
Iodomethane	ug/L	ND	20	21.3	106	50-150	
Isopropylbenzene (Cumene)	ug/L	ND	20	21.4	107	69-147	
m&p-Xylene	ug/L	ND	40	41.4	104	75-133	
Methyl-tert-butyl ether	ug/L	ND	20	19.8	99	73-131	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

MATRIX SPIKE SAMPLE: 753706

Parameter	Units	10123026002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	ND	20	20.0	100	68-126	
n-Butylbenzene	ug/L	ND	20	21.7	108	59-150	
n-Propylbenzene	ug/L	ND	20	21.3	107	72-143	
Naphthalene	ug/L	ND	20	22.9	115	57-148	
o-Xylene	ug/L	ND	20	20.8	104	75-131	
p-Isopropyltoluene	ug/L	ND	20	21.1	106	75-137	
sec-Butylbenzene	ug/L	ND	20	22.2	111	75-144	
Styrene	ug/L	ND	20	20.4	102	75-134	
tert-Butylbenzene	ug/L	ND	20	21.3	107	68-150	
Tetrachloroethene	ug/L	ND	20	22.3	111	75-130	
Tetrahydrofuran	ug/L	15.7	200	192	88	60-148	
Toluene	ug/L	ND	20	22.2	107	75-125	
trans-1,2-Dichloroethene	ug/L	ND	20	22.3	112	75-145	
trans-1,3-Dichloropropene	ug/L	ND	20	20.7	104	50-150	
Trichloroethene	ug/L	ND	20	21.0	105	73-132	
Trichlorofluoromethane	ug/L	ND	20	24.9	125	67-150	
Vinyl acetate	ug/L	ND	20	21.4	107	50-150	
Vinyl chloride	ug/L	ND	20	21.1	106	63-150	
Xylene (Total)	ug/L	ND	60	62.2	104	72-138	
1,2-Dichloroethane-d4 (S)	%				98	75-125	
4-Bromofluorobenzene (S)	%				105	75-125	
Dibromofluoromethane (S)	%				95	75-125	
Toluene-d8 (S)	%				98	75-125	

SAMPLE DUPLICATE: 753707

Parameter	Units	10122911002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

SAMPLE DUPLICATE: 753707

Parameter	Units	10122911002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chloroethylvinyl ether	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
2-Methylnaphthalene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	7.5J		30	
Acrolein	ug/L	ND	ND		30	
Acrylonitrile	ug/L	ND	ND		30	
Allyl chloride	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon disulfide	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
Chloroprene	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Dichlorofluoromethane	ug/L	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Iodomethane	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

SAMPLE DUPLICATE: 753707

Parameter	Units	10122911002 Result	Dup Result	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/L	ND	ND		30	
Tetrahydrofuran	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	98	107	8		
4-Bromofluorobenzene (S)	%	104	99	5		
Dibromofluoromethane (S)	%	102	107	5		
Toluene-d8 (S)	%	96	95	2		

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QUALIFIERS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

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.

U - Indicates the compound was analyzed for, but not detected.

ANALYTE QUALIFIERS

B-	Analyte detected in method blank but was not detected in the associated samples.
P5	The EPA or method required sample preservation degrades this compound, therefore acceptable recoveries may not be achieved in sample matrix spikes.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123026

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10123026001	**AS-INFLUENT**	EPA 624	MSV/13967		
10123026002	**AS-EFFLUENT**	EPA 624	MSV/13967		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1023026

Page: of

Section A
Required Client Information:

Company: Landmark Environmental	
Address: 2042 W. 98th Street	
Bloomington, MN 55431	
Email To: jskramstad@landmarkenv.com	
Phone: 952-887-9601, ext 205	Fax: 952-887-9605
Requested Due Date/TAT: Normal	

Section B
Required Project Information:

Report To: Jason Skramstad
Copy To: Eric Gabrielson
Purchase Order No.:
Project Name: City of Rochester
Project Number: CRC

Section C
Invoice Information:

Attention: Jason Skramstad
Company Name: Landmark Environmental, LLC
Address: 2042 W. 98th St., Bloomington, MN 55431
Pace Quote Reference:
Pace Project Manager: Carolynne Trout
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D **Required** Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	AR
AIR	OT
OTHER	TS
TISSUE	

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G+GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: EPA 624 VOCs	Pace Project Number Lab I.D.
1	AS-Influent	W	G	2/22/10	14:30				3										X	001
2	AS-Effluent	W	G	2/22/10	14:45				3										X	002
3																				
4																				
5																				
6																				
7																				
8																				
5																				
6																				
7																				
8																				

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
				9/24/10	1217

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
1.2	(Y) N	(Y) N	(Y) N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

Pace Analytical

Sample Condition Upon Receipt

Client Name: Landmark Project # 1023026

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

Tracking #: _____

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

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☑ Other _____ Temp Blank: Yes ✓ No _____

Thermometer Used 80344042 or 179425 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 1.2 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 2/24/10 SM

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☐Yes ☑No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12. TB not on the COC
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing acid/base preservation have been checked. Noncompliance are noted in 13.	☐Yes ☐No ☐N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	Samp #
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☐Yes ☐No	Initial when completed AH / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15. TB have HS
Trip Blank Present:	☑Yes ☐No ☐N/A	16. 2 projects in set of TB
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	2 TBs
Pace Trip Blank Lot # (if purchased): 070907-3		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: CTM **Date:** 2/25/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR.

Pace Analytical Services, Inc.
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March 03, 2010

Mr. Jason Skramstad
Landmark Environmental
2042 W. 98th. St.
Minneapolis, MN 55431

RE: Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Dear Mr. Skramstad:
Enclosed are the analytical results for sample(s) received by the laboratory on February 24, 2010. 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,

Carolynne Trout

Carolynne Trout

carolynne.trout@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Minnesota Certification IDs

1700 Elm Street SE, Suite 200 Minneapolis, MN 55414
Alaska Certification #: UST-078
Washington Certification #: C754
Tennessee Certification #: 02818
Pennsylvania Certification #: 68-00563
Oregon Certification #: MN200001
North Dakota Certification #: R-036
North Carolina Certification #: 530
New York Certification #: 11647
New Jersey Certification #: MN-002
Montana Certification #: MT CERT0092
Minnesota Certification #: 027-053-137
Michigan DEQ Certification #: 9909
Maine Certification #: 2007029
Louisiana Certification #: LA080009
Louisiana Certification #: 03086
Kansas Certification #: E-10167
Iowa Certification #: 368
Illinois Certification #: 200011
Florida/NELAP Certification #: E87605
California Certification #: 01155CA
Arizona Certification #: AZ-0014
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10123027001	**MW-17**	Water	02/22/10 17:30	02/24/10 12:17
10123027002	**MW-18**	Water	02/22/10 18:00	02/24/10 12:17
10123027003	**DPE-1**	Water	02/22/10 12:30	02/24/10 12:17
10123027004	**DPE-2**	Water	02/22/10 12:45	02/24/10 12:17
10123027005	**DPE-3**	Water	02/22/10 13:00	02/24/10 12:17
10123027006	**DPE-4**	Water	02/22/10 13:15	02/24/10 12:17
10123027007	**DPE-5**	Water	02/22/10 13:30	02/24/10 12:17
10123027008	**DPE-6**	Water	02/22/10 13:45	02/24/10 12:17
10123027009	**DPE-7**	Water	02/22/10 14:00	02/24/10 12:17
10123027010	**DPE-8**	Water	02/22/10 14:15	02/24/10 12:17
10123027011	**MW-15**	Water	02/22/10 16:30	02/24/10 12:17
10123027012	**MW-16**	Water	02/22/10 17:00	02/24/10 12:17
10123027013	**MW-19**	Water	02/23/10 09:30	02/24/10 12:17
10123027014	**MW-20**	Water	02/23/10 10:00	02/24/10 12:17
10123027015	**MW-14**	Water	02/23/10 09:00	02/24/10 12:17
10123027016	**TRIP BLANK**	Water		02/24/10 12:17

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SAMPLE ANALYTE COUNT

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10123027001	**MW-17**	EPA 8260	CNC	73
10123027002	**MW-18**	EPA 8260	CNC	73
10123027003	**DPE-1**	EPA 8260	CNC	73
10123027004	**DPE-2**	EPA 8260	CNC	73
10123027005	**DPE-3**	EPA 8260	CNC	73
10123027006	**DPE-4**	EPA 8260	CNC	73
10123027007	**DPE-5**	EPA 8260	CNC	73
10123027008	**DPE-6**	EPA 8260	CNC	73
10123027009	**DPE-7**	EPA 8260	CNC	73
10123027010	**DPE-8**	EPA 8260	CNC	73
10123027011	**MW-15**	EPA 8260	CNC	73
10123027012	**MW-16**	EPA 8260	CNC	73
10123027013	**MW-19**	EPA 8260	CNC	73
10123027014	**MW-20**	EPA 8260	CNC	73
10123027015	**MW-14**	EPA 8260	CNC	73
10123027016	**TRIP BLANK**	EPA 8260	CNC	73

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-17 **Lab ID: 10123027001** Collected: 02/22/10 17:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	50.0	5		03/01/10 21:23	67-64-1	
Allyl chloride	ND	ug/L	20.0	5		03/01/10 21:23	107-05-1	
Benzene	ND	ug/L	5.0	5		03/01/10 21:23	71-43-2	
Bromobenzene	ND	ug/L	5.0	5		03/01/10 21:23	108-86-1	
Bromochloromethane	ND	ug/L	5.0	5		03/01/10 21:23	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	5		03/01/10 21:23	75-27-4	
Bromoform	ND	ug/L	40.0	5		03/01/10 21:23	75-25-2	
Bromomethane	ND	ug/L	20.0	5		03/01/10 21:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	5		03/01/10 21:23	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	5		03/01/10 21:23	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	5		03/01/10 21:23	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	5		03/01/10 21:23	98-06-6	
Carbon tetrachloride	ND	ug/L	20.0	5		03/01/10 21:23	56-23-5	
Chlorobenzene	ND	ug/L	5.0	5		03/01/10 21:23	108-90-7	
Chloroethane	ND	ug/L	5.0	5		03/01/10 21:23	75-00-3	
Chloroform	ND	ug/L	5.0	5		03/01/10 21:23	67-66-3	
Chloromethane	ND	ug/L	20.0	5		03/01/10 21:23	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	5		03/01/10 21:23	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	5		03/01/10 21:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		03/01/10 21:23	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	5		03/01/10 21:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	5		03/01/10 21:23	106-93-4	
Dibromomethane	ND	ug/L	20.0	5		03/01/10 21:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	5		03/01/10 21:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	5		03/01/10 21:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	5		03/01/10 21:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	5		03/01/10 21:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	5		03/01/10 21:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	5		03/01/10 21:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	5		03/01/10 21:23	75-35-4	
cis-1,2-Dichloroethene	**5.4**	ug/L	5.0	5		03/01/10 21:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	5		03/01/10 21:23	156-60-5	
Dichlorofluoromethane	ND	ug/L	5.0	5		03/01/10 21:23	75-43-4	
1,2-Dichloropropane	ND	ug/L	5.0	5		03/01/10 21:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	5		03/01/10 21:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	20.0	5		03/01/10 21:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	5		03/01/10 21:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	20.0	5		03/01/10 21:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	20.0	5		03/01/10 21:23	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		03/01/10 21:23	60-29-7	
Ethylbenzene	ND	ug/L	5.0	5		03/01/10 21:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	5		03/01/10 21:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	5		03/01/10 21:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	5		03/01/10 21:23	99-87-6	
Methylene Chloride	ND	ug/L	20.0	5		03/01/10 21:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	5		03/01/10 21:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	5		03/01/10 21:23	1634-04-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-17 **Lab ID: 10123027001** Collected: 02/22/10 17:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	20.0	5		03/01/10 21:23	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	5		03/01/10 21:23	103-65-1	
Styrene	ND	ug/L	5.0	5		03/01/10 21:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	5		03/01/10 21:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	5		03/01/10 21:23	79-34-5	
Tetrachloroethene	**639**	ug/L	5.0	5		03/01/10 21:23	127-18-4	
Tetrahydrofuran	ND	ug/L	50.0	5		03/01/10 21:23	109-99-9	
Toluene	ND	ug/L	5.0	5		03/01/10 21:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	5		03/01/10 21:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	5		03/01/10 21:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	5		03/01/10 21:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	5		03/01/10 21:23	79-00-5	
Trichloroethene	ND	ug/L	5.0	5		03/01/10 21:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	5		03/01/10 21:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	5		03/01/10 21:23	96-18-4	
1,1,2-Trichlorotrifluoroethane	**76.2**	ug/L	5.0	5		03/01/10 21:23	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	5		03/01/10 21:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	5		03/01/10 21:23	108-67-8	
Vinyl chloride	ND	ug/L	2.0	5		03/01/10 21:23	75-01-4	
Xylene (Total)	ND	ug/L	15.0	5		03/01/10 21:23	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	5		03/01/10 21:23	1330-20-7	
o-Xylene	ND	ug/L	5.0	5		03/01/10 21:23	95-47-6	
Dibromofluoromethane (S)	103	%	75-125	5		03/01/10 21:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	75-125	5		03/01/10 21:23	17060-07-0	
Toluene-d8 (S)	99	%	75-125	5		03/01/10 21:23	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125	5		03/01/10 21:23	460-00-4	

Sample: MW-18 **Lab ID: 10123027002** Collected: 02/22/10 18:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	**12.2**	ug/L	10.0	1		02/26/10 21:11	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		02/26/10 21:11	107-05-1	
Benzene	ND	ug/L	1.0	1		02/26/10 21:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/26/10 21:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/26/10 21:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/26/10 21:11	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/26/10 21:11	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/26/10 21:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/26/10 21:11	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/26/10 21:11	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/26/10 21:11	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/26/10 21:11	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		02/26/10 21:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/26/10 21:11	108-90-7	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-18 **Lab ID: 10123027002** Collected: 02/22/10 18:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Chloroethane	ND	ug/L	1.0	1		02/26/10 21:11	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/26/10 21:11	67-66-3	
Chloromethane	ND	ug/L	4.0	1		02/26/10 21:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/26/10 21:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/26/10 21:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/26/10 21:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/26/10 21:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/26/10 21:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/26/10 21:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/26/10 21:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/26/10 21:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/26/10 21:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/26/10 21:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/26/10 21:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/26/10 21:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/26/10 21:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/26/10 21:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/26/10 21:11	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/26/10 21:11	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/26/10 21:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/26/10 21:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/26/10 21:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/26/10 21:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/26/10 21:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/26/10 21:11	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/26/10 21:11	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/26/10 21:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/26/10 21:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/26/10 21:11	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/26/10 21:11	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/26/10 21:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		02/26/10 21:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/26/10 21:11	1634-04-4	
Naphthalene	ND	ug/L	4.0	1		02/26/10 21:11	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/26/10 21:11	103-65-1	
Styrene	ND	ug/L	1.0	1		02/26/10 21:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/26/10 21:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/26/10 21:11	79-34-5	
Tetrachloroethene	**96.8**	ug/L	1.0	1		02/26/10 21:11	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		02/26/10 21:11	109-99-9	
Toluene	ND	ug/L	1.0	1		02/26/10 21:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/26/10 21:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/26/10 21:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/26/10 21:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/26/10 21:11	79-00-5	
Trichloroethene	**1.2**	ug/L	1.0	1		02/26/10 21:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/26/10 21:11	75-69-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-18 **Lab ID: 10123027002** Collected: 02/22/10 18:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/26/10 21:11	96-18-4	
1,1,2-Trichlorotrifluoroethane	**2.0**	ug/L	1.0	1		02/26/10 21:11	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/26/10 21:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/26/10 21:11	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		02/26/10 21:11	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/26/10 21:11	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/26/10 21:11	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/26/10 21:11	95-47-6	
Dibromofluoromethane (S)	109	%	75-125	1		02/26/10 21:11	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	75-125	1		02/26/10 21:11	17060-07-0	
Toluene-d8 (S)	88	%	75-125	1		02/26/10 21:11	2037-26-5	
4-Bromofluorobenzene (S)	94	%	75-125	1		02/26/10 21:11	460-00-4	

Sample: DPE-1 **Lab ID: 10123027003** Collected: 02/22/10 12:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	250	25		02/25/10 23:28	67-64-1	
Allyl chloride	ND	ug/L	100	25		02/25/10 23:28	107-05-1	
Benzene	ND	ug/L	25.0	25		02/25/10 23:28	71-43-2	
Bromobenzene	ND	ug/L	25.0	25		02/25/10 23:28	108-86-1	
Bromochloromethane	ND	ug/L	25.0	25		02/25/10 23:28	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	25		02/25/10 23:28	75-27-4	
Bromoform	ND	ug/L	200	25		02/25/10 23:28	75-25-2	
Bromomethane	ND	ug/L	100	25		02/25/10 23:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	25		02/25/10 23:28	78-93-3	
n-Butylbenzene	ND	ug/L	25.0	25		02/25/10 23:28	104-51-8	
sec-Butylbenzene	ND	ug/L	25.0	25		02/25/10 23:28	135-98-8	
tert-Butylbenzene	ND	ug/L	25.0	25		02/25/10 23:28	98-06-6	
Carbon tetrachloride	ND	ug/L	25.0	25		02/25/10 23:28	56-23-5	
Chlorobenzene	ND	ug/L	25.0	25		02/25/10 23:28	108-90-7	
Chloroethane	ND	ug/L	25.0	25		02/25/10 23:28	75-00-3	
Chloroform	ND	ug/L	25.0	25		02/25/10 23:28	67-66-3	
Chloromethane	ND	ug/L	100	25		02/25/10 23:28	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	25		02/25/10 23:28	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	25		02/25/10 23:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	100	25		02/25/10 23:28	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	25		02/25/10 23:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	25		02/25/10 23:28	106-93-4	
Dibromomethane	ND	ug/L	25.0	25		02/25/10 23:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	25		02/25/10 23:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	25		02/25/10 23:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	25		02/25/10 23:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	25		02/25/10 23:28	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	25.0	25		02/25/10 23:28	75-34-3	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-1 **Lab ID: 10123027003** Collected: 02/22/10 12:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	25.0	25		02/25/10 23:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	25		02/25/10 23:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	25		02/25/10 23:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	25		02/25/10 23:28	156-60-5	
Dichlorofluoromethane	ND	ug/L	25.0	25		02/25/10 23:28	75-43-4	
1,2-Dichloropropane	ND	ug/L	25.0	25		02/25/10 23:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	25		02/25/10 23:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	25		02/25/10 23:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	25		02/25/10 23:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	100	25		02/25/10 23:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	25		02/25/10 23:28	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	100	25		02/25/10 23:28	60-29-7	
Ethylbenzene	ND	ug/L	25.0	25		02/25/10 23:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	100	25		02/25/10 23:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	25		02/25/10 23:28	98-82-8	
p-Isopropyltoluene	ND	ug/L	25.0	25		02/25/10 23:28	99-87-6	
Methylene Chloride	ND	ug/L	100	25		02/25/10 23:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	25		02/25/10 23:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	25		02/25/10 23:28	1634-04-4	
Naphthalene	ND	ug/L	100	25		02/25/10 23:28	91-20-3	
n-Propylbenzene	ND	ug/L	25.0	25		02/25/10 23:28	103-65-1	
Styrene	ND	ug/L	25.0	25		02/25/10 23:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	25		02/25/10 23:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	25		02/25/10 23:28	79-34-5	
Tetrachloroethene	**2610**	ug/L	25.0	25		02/25/10 23:28	127-18-4	
Tetrahydrofuran	ND	ug/L	250	25		02/25/10 23:28	109-99-9	
Toluene	ND	ug/L	25.0	25		02/25/10 23:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	25		02/25/10 23:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	25		02/25/10 23:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	25		02/25/10 23:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	25		02/25/10 23:28	79-00-5	
Trichloroethene	ND	ug/L	25.0	25		02/25/10 23:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	25		02/25/10 23:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	25		02/25/10 23:28	96-18-4	
1,1,2-Trichlorotrifluoroethane	**190**	ug/L	25.0	25		02/25/10 23:28	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	25.0	25		02/25/10 23:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	25.0	25		02/25/10 23:28	108-67-8	
Vinyl chloride	ND	ug/L	10.0	25		02/25/10 23:28	75-01-4	
Xylene (Total)	ND	ug/L	75.0	25		02/25/10 23:28	1330-20-7	
m&p-Xylene	ND	ug/L	50.0	25		02/25/10 23:28	1330-20-7	
o-Xylene	ND	ug/L	25.0	25		02/25/10 23:28	95-47-6	
Dibromofluoromethane (S)	107	%	75-125	25		02/25/10 23:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	75-125	25		02/25/10 23:28	17060-07-0	
Toluene-d8 (S)	94	%	75-125	25		02/25/10 23:28	2037-26-5	
4-Bromofluorobenzene (S)	94	%	75-125	25		02/25/10 23:28	460-00-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-2 **Lab ID: 10123027004** Collected: 02/22/10 12:45 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	200	20		02/26/10 19:49	67-64-1	
Allyl chloride	ND	ug/L	80.0	20		02/26/10 19:49	107-05-1	
Benzene	ND	ug/L	20.0	20		02/26/10 19:49	71-43-2	
Bromobenzene	ND	ug/L	20.0	20		02/26/10 19:49	108-86-1	
Bromochloromethane	ND	ug/L	20.0	20		02/26/10 19:49	74-97-5	
Bromodichloromethane	ND	ug/L	20.0	20		02/26/10 19:49	75-27-4	
Bromoform	ND	ug/L	160	20		02/26/10 19:49	75-25-2	
Bromomethane	ND	ug/L	80.0	20		02/26/10 19:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	80.0	20		02/26/10 19:49	78-93-3	
n-Butylbenzene	ND	ug/L	20.0	20		02/26/10 19:49	104-51-8	
sec-Butylbenzene	ND	ug/L	20.0	20		02/26/10 19:49	135-98-8	
tert-Butylbenzene	ND	ug/L	20.0	20		02/26/10 19:49	98-06-6	
Carbon tetrachloride	ND	ug/L	20.0	20		02/26/10 19:49	56-23-5	
Chlorobenzene	ND	ug/L	20.0	20		02/26/10 19:49	108-90-7	
Chloroethane	ND	ug/L	20.0	20		02/26/10 19:49	75-00-3	
Chloroform	ND	ug/L	20.0	20		02/26/10 19:49	67-66-3	
Chloromethane	ND	ug/L	80.0	20		02/26/10 19:49	74-87-3	
2-Chlorotoluene	ND	ug/L	20.0	20		02/26/10 19:49	95-49-8	
4-Chlorotoluene	ND	ug/L	20.0	20		02/26/10 19:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	80.0	20		02/26/10 19:49	96-12-8	
Dibromochloromethane	ND	ug/L	20.0	20		02/26/10 19:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	20.0	20		02/26/10 19:49	106-93-4	
Dibromomethane	ND	ug/L	20.0	20		02/26/10 19:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	20.0	20		02/26/10 19:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	20.0	20		02/26/10 19:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	20.0	20		02/26/10 19:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	20.0	20		02/26/10 19:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	20.0	20		02/26/10 19:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	20.0	20		02/26/10 19:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	20.0	20		02/26/10 19:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	20.0	20		02/26/10 19:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	20.0	20		02/26/10 19:49	156-60-5	
Dichlorofluoromethane	ND	ug/L	20.0	20		02/26/10 19:49	75-43-4	
1,2-Dichloropropane	ND	ug/L	20.0	20		02/26/10 19:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	20.0	20		02/26/10 19:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	20.0	20		02/26/10 19:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	20.0	20		02/26/10 19:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	80.0	20		02/26/10 19:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	80.0	20		02/26/10 19:49	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	80.0	20		02/26/10 19:49	60-29-7	
Ethylbenzene	ND	ug/L	20.0	20		02/26/10 19:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	80.0	20		02/26/10 19:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	20.0	20		02/26/10 19:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	20.0	20		02/26/10 19:49	99-87-6	
Methylene Chloride	ND	ug/L	80.0	20		02/26/10 19:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	80.0	20		02/26/10 19:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	20		02/26/10 19:49	1634-04-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-2 **Lab ID: 10123027004** Collected: 02/22/10 12:45 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	80.0	20		02/26/10 19:49	91-20-3	
n-Propylbenzene	ND	ug/L	20.0	20		02/26/10 19:49	103-65-1	
Styrene	ND	ug/L	20.0	20		02/26/10 19:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	20.0	20		02/26/10 19:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	20.0	20		02/26/10 19:49	79-34-5	
Tetrachloroethene	**2710**	ug/L	20.0	20		02/26/10 19:49	127-18-4	
Tetrahydrofuran	ND	ug/L	200	20		02/26/10 19:49	109-99-9	
Toluene	ND	ug/L	20.0	20		02/26/10 19:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	20		02/26/10 19:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	20		02/26/10 19:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	20.0	20		02/26/10 19:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	20.0	20		02/26/10 19:49	79-00-5	
Trichloroethene	ND	ug/L	20.0	20		02/26/10 19:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	20.0	20		02/26/10 19:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	20		02/26/10 19:49	96-18-4	
1,1,2-Trichlorotrifluoroethane	**305**	ug/L	20.0	20		02/26/10 19:49	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	20.0	20		02/26/10 19:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	20.0	20		02/26/10 19:49	108-67-8	
Vinyl chloride	ND	ug/L	8.0	20		02/26/10 19:49	75-01-4	
Xylene (Total)	ND	ug/L	60.0	20		02/26/10 19:49	1330-20-7	
m&p-Xylene	ND	ug/L	40.0	20		02/26/10 19:49	1330-20-7	
o-Xylene	ND	ug/L	20.0	20		02/26/10 19:49	95-47-6	
Dibromofluoromethane (S)	105	%	75-125	20		02/26/10 19:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	75-125	20		02/26/10 19:49	17060-07-0	
Toluene-d8 (S)	93	%	75-125	20		02/26/10 19:49	2037-26-5	
4-Bromofluorobenzene (S)	95	%	75-125	20		02/26/10 19:49	460-00-4	

Sample: DPE-3 **Lab ID: 10123027005** Collected: 02/22/10 13:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	10		02/26/10 19:28	67-64-1	
Allyl chloride	ND	ug/L	40.0	10		02/26/10 19:28	107-05-1	
Benzene	ND	ug/L	10.0	10		02/26/10 19:28	71-43-2	
Bromobenzene	ND	ug/L	10.0	10		02/26/10 19:28	108-86-1	
Bromochloromethane	ND	ug/L	10.0	10		02/26/10 19:28	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	10		02/26/10 19:28	75-27-4	
Bromoform	ND	ug/L	80.0	10		02/26/10 19:28	75-25-2	
Bromomethane	ND	ug/L	40.0	10		02/26/10 19:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	40.0	10		02/26/10 19:28	78-93-3	
n-Butylbenzene	ND	ug/L	10.0	10		02/26/10 19:28	104-51-8	
sec-Butylbenzene	ND	ug/L	10.0	10		02/26/10 19:28	135-98-8	
tert-Butylbenzene	ND	ug/L	10.0	10		02/26/10 19:28	98-06-6	
Carbon tetrachloride	ND	ug/L	10.0	10		02/26/10 19:28	56-23-5	
Chlorobenzene	ND	ug/L	10.0	10		02/26/10 19:28	108-90-7	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-3 **Lab ID: 10123027005** Collected: 02/22/10 13:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Chloroethane	ND	ug/L	10.0	10		02/26/10 19:28	75-00-3	
Chloroform	ND	ug/L	10.0	10		02/26/10 19:28	67-66-3	
Chloromethane	ND	ug/L	40.0	10		02/26/10 19:28	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	10		02/26/10 19:28	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	10		02/26/10 19:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	10		02/26/10 19:28	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	10		02/26/10 19:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	10.0	10		02/26/10 19:28	106-93-4	
Dibromomethane	ND	ug/L	10.0	10		02/26/10 19:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	10		02/26/10 19:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	10		02/26/10 19:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	10		02/26/10 19:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	10		02/26/10 19:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	10		02/26/10 19:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	10		02/26/10 19:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	10		02/26/10 19:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	10.0	10		02/26/10 19:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	10		02/26/10 19:28	156-60-5	
Dichlorofluoromethane	ND	ug/L	10.0	10		02/26/10 19:28	75-43-4	
1,2-Dichloropropane	ND	ug/L	10.0	10		02/26/10 19:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	10		02/26/10 19:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	10		02/26/10 19:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	10		02/26/10 19:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	40.0	10		02/26/10 19:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	40.0	10		02/26/10 19:28	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	40.0	10		02/26/10 19:28	60-29-7	
Ethylbenzene	ND	ug/L	10.0	10		02/26/10 19:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	40.0	10		02/26/10 19:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	10.0	10		02/26/10 19:28	98-82-8	
p-Isopropyltoluene	ND	ug/L	10.0	10		02/26/10 19:28	99-87-6	
Methylene Chloride	ND	ug/L	40.0	10		02/26/10 19:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	40.0	10		02/26/10 19:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	10		02/26/10 19:28	1634-04-4	
Naphthalene	ND	ug/L	40.0	10		02/26/10 19:28	91-20-3	
n-Propylbenzene	ND	ug/L	10.0	10		02/26/10 19:28	103-65-1	
Styrene	ND	ug/L	10.0	10		02/26/10 19:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	10		02/26/10 19:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	10		02/26/10 19:28	79-34-5	
Tetrachloroethene	**806**	ug/L	10.0	10		02/26/10 19:28	127-18-4	
Tetrahydrofuran	ND	ug/L	100	10		02/26/10 19:28	109-99-9	
Toluene	ND	ug/L	10.0	10		02/26/10 19:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	10		02/26/10 19:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	10		02/26/10 19:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	10		02/26/10 19:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	10		02/26/10 19:28	79-00-5	
Trichloroethene	ND	ug/L	10.0	10		02/26/10 19:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	10		02/26/10 19:28	75-69-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-3 **Lab ID: 10123027005** Collected: 02/22/10 13:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2,3-Trichloropropane	ND	ug/L	10.0	10		02/26/10 19:28	96-18-4	
1,1,2-Trichlorotrifluoroethane	**67.1**	ug/L	10.0	10		02/26/10 19:28	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	10.0	10		02/26/10 19:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	10.0	10		02/26/10 19:28	108-67-8	
Vinyl chloride	ND	ug/L	4.0	10		02/26/10 19:28	75-01-4	
Xylene (Total)	ND	ug/L	30.0	10		02/26/10 19:28	1330-20-7	
m&p-Xylene	ND	ug/L	20.0	10		02/26/10 19:28	1330-20-7	
o-Xylene	ND	ug/L	10.0	10		02/26/10 19:28	95-47-6	
Dibromofluoromethane (S)	105	%	75-125	10		02/26/10 19:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	75-125	10		02/26/10 19:28	17060-07-0	
Toluene-d8 (S)	94	%	75-125	10		02/26/10 19:28	2037-26-5	
4-Bromofluorobenzene (S)	94	%	75-125	10		02/26/10 19:28	460-00-4	

Sample: DPE-4 **Lab ID: 10123027006** Collected: 02/22/10 13:15 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	50.0	5		02/26/10 18:48	67-64-1	
Allyl chloride	ND	ug/L	20.0	5		02/26/10 18:48	107-05-1	
Benzene	ND	ug/L	5.0	5		02/26/10 18:48	71-43-2	
Bromobenzene	ND	ug/L	5.0	5		02/26/10 18:48	108-86-1	
Bromochloromethane	ND	ug/L	5.0	5		02/26/10 18:48	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	5		02/26/10 18:48	75-27-4	
Bromoform	ND	ug/L	40.0	5		02/26/10 18:48	75-25-2	
Bromomethane	ND	ug/L	20.0	5		02/26/10 18:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	5		02/26/10 18:48	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	5		02/26/10 18:48	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	5		02/26/10 18:48	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	5		02/26/10 18:48	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	5		02/26/10 18:48	56-23-5	
Chlorobenzene	ND	ug/L	5.0	5		02/26/10 18:48	108-90-7	
Chloroethane	ND	ug/L	5.0	5		02/26/10 18:48	75-00-3	
Chloroform	ND	ug/L	5.0	5		02/26/10 18:48	67-66-3	
Chloromethane	ND	ug/L	20.0	5		02/26/10 18:48	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	5		02/26/10 18:48	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	5		02/26/10 18:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		02/26/10 18:48	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	5		02/26/10 18:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	5		02/26/10 18:48	106-93-4	
Dibromomethane	ND	ug/L	5.0	5		02/26/10 18:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	5		02/26/10 18:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	5		02/26/10 18:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	5		02/26/10 18:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	5		02/26/10 18:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	5		02/26/10 18:48	75-34-3	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-4 **Lab ID: 10123027006** Collected: 02/22/10 13:15 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	5.0	5		02/26/10 18:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	5		02/26/10 18:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	5		02/26/10 18:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	5		02/26/10 18:48	156-60-5	
Dichlorofluoromethane	ND	ug/L	5.0	5		02/26/10 18:48	75-43-4	
1,2-Dichloropropane	ND	ug/L	5.0	5		02/26/10 18:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	5		02/26/10 18:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	5		02/26/10 18:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	5		02/26/10 18:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	20.0	5		02/26/10 18:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	20.0	5		02/26/10 18:48	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		02/26/10 18:48	60-29-7	
Ethylbenzene	ND	ug/L	5.0	5		02/26/10 18:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	5		02/26/10 18:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	5		02/26/10 18:48	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	5		02/26/10 18:48	99-87-6	
Methylene Chloride	ND	ug/L	20.0	5		02/26/10 18:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	5		02/26/10 18:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	5		02/26/10 18:48	1634-04-4	
Naphthalene	ND	ug/L	20.0	5		02/26/10 18:48	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	5		02/26/10 18:48	103-65-1	
Styrene	ND	ug/L	5.0	5		02/26/10 18:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	5		02/26/10 18:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	5		02/26/10 18:48	79-34-5	
Tetrachloroethene	**429**	ug/L	5.0	5		02/26/10 18:48	127-18-4	P6
Tetrahydrofuran	ND	ug/L	50.0	5		02/26/10 18:48	109-99-9	
Toluene	ND	ug/L	5.0	5		02/26/10 18:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	5		02/26/10 18:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	5		02/26/10 18:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	5		02/26/10 18:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	5		02/26/10 18:48	79-00-5	
Trichloroethene	ND	ug/L	5.0	5		02/26/10 18:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	5		02/26/10 18:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	5		02/26/10 18:48	96-18-4	
1,1,2-Trichlorotrifluoroethane	**41.9**	ug/L	5.0	5		02/26/10 18:48	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	5		02/26/10 18:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	5		02/26/10 18:48	108-67-8	
Vinyl chloride	ND	ug/L	2.0	5		02/26/10 18:48	75-01-4	
Xylene (Total)	ND	ug/L	15.0	5		02/26/10 18:48	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	5		02/26/10 18:48	1330-20-7	
o-Xylene	ND	ug/L	5.0	5		02/26/10 18:48	95-47-6	
Dibromofluoromethane (S)	107	%	75-125	5		02/26/10 18:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	75-125	5		02/26/10 18:48	17060-07-0	
Toluene-d8 (S)	94	%	75-125	5		02/26/10 18:48	2037-26-5	
4-Bromofluorobenzene (S)	93	%	75-125	5		02/26/10 18:48	460-00-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-5 **Lab ID: 10123027007** Collected: 02/22/10 13:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	50.0	5		02/26/10 19:08	67-64-1	
Allyl chloride	ND	ug/L	20.0	5		02/26/10 19:08	107-05-1	
Benzene	ND	ug/L	5.0	5		02/26/10 19:08	71-43-2	
Bromobenzene	ND	ug/L	5.0	5		02/26/10 19:08	108-86-1	
Bromochloromethane	ND	ug/L	5.0	5		02/26/10 19:08	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	5		02/26/10 19:08	75-27-4	
Bromoform	ND	ug/L	40.0	5		02/26/10 19:08	75-25-2	
Bromomethane	ND	ug/L	20.0	5		02/26/10 19:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	5		02/26/10 19:08	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	5		02/26/10 19:08	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	5		02/26/10 19:08	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	5		02/26/10 19:08	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	5		02/26/10 19:08	56-23-5	
Chlorobenzene	ND	ug/L	5.0	5		02/26/10 19:08	108-90-7	
Chloroethane	ND	ug/L	5.0	5		02/26/10 19:08	75-00-3	
Chloroform	ND	ug/L	5.0	5		02/26/10 19:08	67-66-3	
Chloromethane	ND	ug/L	20.0	5		02/26/10 19:08	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	5		02/26/10 19:08	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	5		02/26/10 19:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	5		02/26/10 19:08	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	5		02/26/10 19:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	5		02/26/10 19:08	106-93-4	
Dibromomethane	ND	ug/L	5.0	5		02/26/10 19:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	5		02/26/10 19:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	5		02/26/10 19:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	5		02/26/10 19:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	5		02/26/10 19:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	5		02/26/10 19:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	5		02/26/10 19:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	5		02/26/10 19:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	5		02/26/10 19:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	5		02/26/10 19:08	156-60-5	
Dichlorofluoromethane	ND	ug/L	5.0	5		02/26/10 19:08	75-43-4	
1,2-Dichloropropane	ND	ug/L	5.0	5		02/26/10 19:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	5		02/26/10 19:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	5		02/26/10 19:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	5		02/26/10 19:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	20.0	5		02/26/10 19:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	20.0	5		02/26/10 19:08	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	20.0	5		02/26/10 19:08	60-29-7	
Ethylbenzene	ND	ug/L	5.0	5		02/26/10 19:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	5		02/26/10 19:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	5		02/26/10 19:08	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	5		02/26/10 19:08	99-87-6	
Methylene Chloride	ND	ug/L	20.0	5		02/26/10 19:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	5		02/26/10 19:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	5		02/26/10 19:08	1634-04-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-5 **Lab ID: 10123027007** Collected: 02/22/10 13:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	20.0	5		02/26/10 19:08	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	5		02/26/10 19:08	103-65-1	
Styrene	ND	ug/L	5.0	5		02/26/10 19:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	5		02/26/10 19:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	5		02/26/10 19:08	79-34-5	
Tetrachloroethene	**486**	ug/L	5.0	5		02/26/10 19:08	127-18-4	
Tetrahydrofuran	ND	ug/L	50.0	5		02/26/10 19:08	109-99-9	
Toluene	ND	ug/L	5.0	5		02/26/10 19:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	5		02/26/10 19:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	5		02/26/10 19:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	5		02/26/10 19:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	5		02/26/10 19:08	79-00-5	
Trichloroethene	ND	ug/L	5.0	5		02/26/10 19:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	5		02/26/10 19:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	5		02/26/10 19:08	96-18-4	
1,1,2-Trichlorotrifluoroethane	**19.4**	ug/L	5.0	5		02/26/10 19:08	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	5		02/26/10 19:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	5		02/26/10 19:08	108-67-8	
Vinyl chloride	ND	ug/L	2.0	5		02/26/10 19:08	75-01-4	
Xylene (Total)	ND	ug/L	15.0	5		02/26/10 19:08	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	5		02/26/10 19:08	1330-20-7	
o-Xylene	ND	ug/L	5.0	5		02/26/10 19:08	95-47-6	
Dibromofluoromethane (S)	108	%	75-125	5		02/26/10 19:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	75-125	5		02/26/10 19:08	17060-07-0	
Toluene-d8 (S)	96	%	75-125	5		02/26/10 19:08	2037-26-5	
4-Bromofluorobenzene (S)	95	%	75-125	5		02/26/10 19:08	460-00-4	

Sample: DPE-6 **Lab ID: 10123027008** Collected: 02/22/10 13:45 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10.0	1		02/25/10 20:04	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		02/25/10 20:04	107-05-1	
Benzene	ND	ug/L	1.0	1		02/25/10 20:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/25/10 20:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/25/10 20:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/25/10 20:04	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/25/10 20:04	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/25/10 20:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/25/10 20:04	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/25/10 20:04	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/25/10 20:04	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/25/10 20:04	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		02/25/10 20:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/25/10 20:04	108-90-7	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-6 **Lab ID: 10123027008** Collected: 02/22/10 13:45 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Chloroethane	ND	ug/L	1.0	1		02/25/10 20:04	75-00-3	
Chloroform	**1.6**	ug/L	1.0	1		02/25/10 20:04	67-66-3	
Chloromethane	ND	ug/L	4.0	1		02/25/10 20:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 20:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 20:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/25/10 20:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/25/10 20:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/25/10 20:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/25/10 20:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/25/10 20:04	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		02/25/10 20:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/25/10 20:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/25/10 20:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 20:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 20:04	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 20:04	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 20:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/25/10 20:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 20:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/25/10 20:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 20:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 20:04	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/25/10 20:04	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/25/10 20:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/25/10 20:04	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/25/10 20:04	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/25/10 20:04	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/25/10 20:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		02/25/10 20:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/25/10 20:04	1634-04-4	
Naphthalene	ND	ug/L	4.0	1		02/25/10 20:04	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/25/10 20:04	103-65-1	
Styrene	ND	ug/L	1.0	1		02/25/10 20:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 20:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 20:04	79-34-5	
Tetrachloroethene	**57.8**	ug/L	1.0	1		02/25/10 20:04	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		02/25/10 20:04	109-99-9	
Toluene	ND	ug/L	1.0	1		02/25/10 20:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/25/10 20:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/25/10 20:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/25/10 20:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 20:04	75-69-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-6 **Lab ID: 10123027008** Collected: 02/22/10 13:45 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/25/10 20:04	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/25/10 20:04	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 20:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 20:04	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		02/25/10 20:04	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/25/10 20:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/25/10 20:04	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/25/10 20:04	95-47-6	
Dibromofluoromethane (S)	104	%	75-125	1		02/25/10 20:04	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	75-125	1		02/25/10 20:04	17060-07-0	
Toluene-d8 (S)	95	%	75-125	1		02/25/10 20:04	2037-26-5	
4-Bromofluorobenzene (S)	95	%	75-125	1		02/25/10 20:04	460-00-4	

Sample: DPE-7 **Lab ID: 10123027009** Collected: 02/22/10 14:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10.0	1		02/25/10 19:23	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		02/25/10 19:23	107-05-1	
Benzene	ND	ug/L	1.0	1		02/25/10 19:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/25/10 19:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/25/10 19:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/25/10 19:23	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/25/10 19:23	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/25/10 19:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/25/10 19:23	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/25/10 19:23	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/25/10 19:23	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/25/10 19:23	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		02/25/10 19:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/25/10 19:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/25/10 19:23	75-00-3	
Chloroform	**1.2**	ug/L	1.0	1		02/25/10 19:23	67-66-3	
Chloromethane	ND	ug/L	4.0	1		02/25/10 19:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 19:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 19:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/25/10 19:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/25/10 19:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/25/10 19:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/25/10 19:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/25/10 19:23	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		02/25/10 19:23	75-34-3	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-7 **Lab ID: 10123027009** Collected: 02/22/10 14:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		02/25/10 19:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/25/10 19:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 19:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 19:23	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 19:23	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 19:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/25/10 19:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 19:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/25/10 19:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 19:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 19:23	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/25/10 19:23	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/25/10 19:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/25/10 19:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/25/10 19:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/25/10 19:23	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/25/10 19:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		02/25/10 19:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/25/10 19:23	1634-04-4	
Naphthalene	ND	ug/L	4.0	1		02/25/10 19:23	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/25/10 19:23	103-65-1	
Styrene	ND	ug/L	1.0	1		02/25/10 19:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 19:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 19:23	79-34-5	
Tetrachloroethene	**7.3**	ug/L	1.0	1		02/25/10 19:23	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		02/25/10 19:23	109-99-9	
Toluene	ND	ug/L	1.0	1		02/25/10 19:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/25/10 19:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/25/10 19:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/25/10 19:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 19:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/25/10 19:23	96-18-4	
1,1,2-Trichlorotrifluoroethane	**2.7**	ug/L	1.0	1		02/25/10 19:23	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 19:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 19:23	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		02/25/10 19:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/25/10 19:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/25/10 19:23	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/25/10 19:23	95-47-6	
Dibromofluoromethane (S)	103	%	75-125	1		02/25/10 19:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	75-125	1		02/25/10 19:23	17060-07-0	
Toluene-d8 (S)	95	%	75-125	1		02/25/10 19:23	2037-26-5	
4-Bromofluorobenzene (S)	96	%	75-125	1		02/25/10 19:23	460-00-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-8 **Lab ID: 10123027010** Collected: 02/22/10 14:15 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	**12.9**	ug/L	10.0	1		02/26/10 18:27	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		02/26/10 18:27	107-05-1	
Benzene	ND	ug/L	1.0	1		02/26/10 18:27	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/26/10 18:27	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/26/10 18:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/26/10 18:27	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/26/10 18:27	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/26/10 18:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/26/10 18:27	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/26/10 18:27	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/26/10 18:27	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/26/10 18:27	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		02/26/10 18:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/26/10 18:27	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/26/10 18:27	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/26/10 18:27	67-66-3	
Chloromethane	ND	ug/L	4.0	1		02/26/10 18:27	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/26/10 18:27	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/26/10 18:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/26/10 18:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/26/10 18:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/26/10 18:27	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/26/10 18:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/26/10 18:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/26/10 18:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/26/10 18:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/26/10 18:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/26/10 18:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/26/10 18:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/26/10 18:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/26/10 18:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/26/10 18:27	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/26/10 18:27	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/26/10 18:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/26/10 18:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/26/10 18:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/26/10 18:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/26/10 18:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/26/10 18:27	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/26/10 18:27	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/26/10 18:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/26/10 18:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/26/10 18:27	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/26/10 18:27	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/26/10 18:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		02/26/10 18:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/26/10 18:27	1634-04-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: DPE-8 **Lab ID: 10123027010** Collected: 02/22/10 14:15 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	4.0	1		02/26/10 18:27	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/26/10 18:27	103-65-1	
Styrene	ND	ug/L	1.0	1		02/26/10 18:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/26/10 18:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/26/10 18:27	79-34-5	
Tetrachloroethene	**90.3**	ug/L	1.0	1		02/26/10 18:27	127-18-4	
Tetrahydrofuran	**18.4**	ug/L	10.0	1		02/26/10 18:27	109-99-9	
Toluene	ND	ug/L	1.0	1		02/26/10 18:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/26/10 18:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/26/10 18:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/26/10 18:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/26/10 18:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/26/10 18:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/26/10 18:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/26/10 18:27	96-18-4	
1,1,2-Trichlorotrifluoroethane	**3.8**	ug/L	1.0	1		02/26/10 18:27	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/26/10 18:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/26/10 18:27	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		02/26/10 18:27	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/26/10 18:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/26/10 18:27	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/26/10 18:27	95-47-6	
Dibromofluoromethane (S)	102	%	75-125	1		02/26/10 18:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	75-125	1		02/26/10 18:27	17060-07-0	
Toluene-d8 (S)	94	%	75-125	1		02/26/10 18:27	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125	1		02/26/10 18:27	460-00-4	

Sample: MW-15 **Lab ID: 10123027011** Collected: 02/22/10 16:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10.0	1		02/25/10 19:02	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		02/25/10 19:02	107-05-1	
Benzene	ND	ug/L	1.0	1		02/25/10 19:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/25/10 19:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/25/10 19:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/25/10 19:02	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/25/10 19:02	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/25/10 19:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/25/10 19:02	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/25/10 19:02	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/25/10 19:02	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/25/10 19:02	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		02/25/10 19:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/25/10 19:02	108-90-7	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-15 **Lab ID: 10123027011** Collected: 02/22/10 16:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Chloroethane	ND	ug/L	1.0	1		02/25/10 19:02	75-00-3	
Chloroform	**1.4**	ug/L	1.0	1		02/25/10 19:02	67-66-3	
Chloromethane	ND	ug/L	4.0	1		02/25/10 19:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 19:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 19:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/25/10 19:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/25/10 19:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/25/10 19:02	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/25/10 19:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/25/10 19:02	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		02/25/10 19:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/25/10 19:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/25/10 19:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 19:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 19:02	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 19:02	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 19:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/25/10 19:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 19:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/25/10 19:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 19:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 19:02	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/25/10 19:02	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/25/10 19:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/25/10 19:02	87-68-3	M0
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/25/10 19:02	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/25/10 19:02	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/25/10 19:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		02/25/10 19:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/25/10 19:02	1634-04-4	
Naphthalene	ND	ug/L	4.0	1		02/25/10 19:02	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/25/10 19:02	103-65-1	
Styrene	ND	ug/L	1.0	1		02/25/10 19:02	100-42-5	M0
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 19:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 19:02	79-34-5	
Tetrachloroethene	**5.7**	ug/L	1.0	1		02/25/10 19:02	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		02/25/10 19:02	109-99-9	
Toluene	ND	ug/L	1.0	1		02/25/10 19:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 19:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/25/10 19:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/25/10 19:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/25/10 19:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 19:02	75-69-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-15 **Lab ID: 10123027011** Collected: 02/22/10 16:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/25/10 19:02	96-18-4	
1,1,2-Trichlorotrifluoroethane	**3.3**	ug/L	1.0	1		02/25/10 19:02	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 19:02	95-63-6	M0
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 19:02	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		02/25/10 19:02	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/25/10 19:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/25/10 19:02	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/25/10 19:02	95-47-6	
Dibromofluoromethane (S)	105	%	75-125	1		02/25/10 19:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125	1		02/25/10 19:02	17060-07-0	
Toluene-d8 (S)	92	%	75-125	1		02/25/10 19:02	2037-26-5	
4-Bromofluorobenzene (S)	93	%	75-125	1		02/25/10 19:02	460-00-4	

Sample: MW-16 **Lab ID: 10123027012** Collected: 02/22/10 17:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	50		03/01/10 21:44	67-64-1	
Allyl chloride	ND	ug/L	200	50		03/01/10 21:44	107-05-1	
Benzene	ND	ug/L	50.0	50		03/01/10 21:44	71-43-2	
Bromobenzene	ND	ug/L	50.0	50		03/01/10 21:44	108-86-1	
Bromochloromethane	ND	ug/L	50.0	50		03/01/10 21:44	74-97-5	
Bromodichloromethane	ND	ug/L	50.0	50		03/01/10 21:44	75-27-4	
Bromoform	ND	ug/L	400	50		03/01/10 21:44	75-25-2	
Bromomethane	ND	ug/L	200	50		03/01/10 21:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	200	50		03/01/10 21:44	78-93-3	
n-Butylbenzene	ND	ug/L	50.0	50		03/01/10 21:44	104-51-8	
sec-Butylbenzene	ND	ug/L	50.0	50		03/01/10 21:44	135-98-8	
tert-Butylbenzene	ND	ug/L	50.0	50		03/01/10 21:44	98-06-6	
Carbon tetrachloride	ND	ug/L	200	50		03/01/10 21:44	56-23-5	
Chlorobenzene	ND	ug/L	50.0	50		03/01/10 21:44	108-90-7	
Chloroethane	ND	ug/L	50.0	50		03/01/10 21:44	75-00-3	
Chloroform	ND	ug/L	50.0	50		03/01/10 21:44	67-66-3	
Chloromethane	ND	ug/L	200	50		03/01/10 21:44	74-87-3	
2-Chlorotoluene	ND	ug/L	50.0	50		03/01/10 21:44	95-49-8	
4-Chlorotoluene	ND	ug/L	50.0	50		03/01/10 21:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	200	50		03/01/10 21:44	96-12-8	
Dibromochloromethane	ND	ug/L	50.0	50		03/01/10 21:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	50.0	50		03/01/10 21:44	106-93-4	
Dibromomethane	ND	ug/L	200	50		03/01/10 21:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	50.0	50		03/01/10 21:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	50.0	50		03/01/10 21:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	50.0	50		03/01/10 21:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	50.0	50		03/01/10 21:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	50.0	50		03/01/10 21:44	75-34-3	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-16 **Lab ID: 10123027012** Collected: 02/22/10 17:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	50.0	50		03/01/10 21:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	50		03/01/10 21:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	50.0	50		03/01/10 21:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	50.0	50		03/01/10 21:44	156-60-5	
Dichlorofluoromethane	ND	ug/L	50.0	50		03/01/10 21:44	75-43-4	
1,2-Dichloropropane	ND	ug/L	50.0	50		03/01/10 21:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	50.0	50		03/01/10 21:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	200	50		03/01/10 21:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	50.0	50		03/01/10 21:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	200	50		03/01/10 21:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	200	50		03/01/10 21:44	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	200	50		03/01/10 21:44	60-29-7	
Ethylbenzene	ND	ug/L	50.0	50		03/01/10 21:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	200	50		03/01/10 21:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	50.0	50		03/01/10 21:44	98-82-8	
p-Isopropyltoluene	ND	ug/L	50.0	50		03/01/10 21:44	99-87-6	
Methylene Chloride	ND	ug/L	200	50		03/01/10 21:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	200	50		03/01/10 21:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	50.0	50		03/01/10 21:44	1634-04-4	
Naphthalene	ND	ug/L	200	50		03/01/10 21:44	91-20-3	
n-Propylbenzene	ND	ug/L	50.0	50		03/01/10 21:44	103-65-1	
Styrene	ND	ug/L	50.0	50		03/01/10 21:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	50.0	50		03/01/10 21:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	50.0	50		03/01/10 21:44	79-34-5	
Tetrachloroethene	**4390**	ug/L	50.0	50		03/01/10 21:44	127-18-4	
Tetrahydrofuran	ND	ug/L	500	50		03/01/10 21:44	109-99-9	
Toluene	ND	ug/L	50.0	50		03/01/10 21:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	50.0	50		03/01/10 21:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	50.0	50		03/01/10 21:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	50.0	50		03/01/10 21:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	50.0	50		03/01/10 21:44	79-00-5	
Trichloroethene	ND	ug/L	50.0	50		03/01/10 21:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	50.0	50		03/01/10 21:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	50.0	50		03/01/10 21:44	96-18-4	
1,1,2-Trichlorotrifluoroethane	**261**	ug/L	50.0	50		03/01/10 21:44	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	50.0	50		03/01/10 21:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	50.0	50		03/01/10 21:44	108-67-8	
Vinyl chloride	ND	ug/L	20.0	50		03/01/10 21:44	75-01-4	
Xylene (Total)	ND	ug/L	150	50		03/01/10 21:44	1330-20-7	
m&p-Xylene	ND	ug/L	100	50		03/01/10 21:44	1330-20-7	
o-Xylene	ND	ug/L	50.0	50		03/01/10 21:44	95-47-6	
Dibromofluoromethane (S)	104	%	75-125	50		03/01/10 21:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	75-125	50		03/01/10 21:44	17060-07-0	
Toluene-d8 (S)	99	%	75-125	50		03/01/10 21:44	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125	50		03/01/10 21:44	460-00-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-19 **Lab ID: 10123027013** Collected: 02/23/10 09:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10.0	1		02/25/10 20:24	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		02/25/10 20:24	107-05-1	
Benzene	ND	ug/L	1.0	1		02/25/10 20:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/25/10 20:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/25/10 20:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/25/10 20:24	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/25/10 20:24	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/25/10 20:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/25/10 20:24	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/25/10 20:24	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/25/10 20:24	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/25/10 20:24	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		02/25/10 20:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/25/10 20:24	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/25/10 20:24	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/25/10 20:24	67-66-3	
Chloromethane	**10.4**	ug/L	4.0	1		02/25/10 20:24	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 20:24	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 20:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/25/10 20:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/25/10 20:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/25/10 20:24	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/25/10 20:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/25/10 20:24	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		02/25/10 20:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/25/10 20:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/25/10 20:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 20:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 20:24	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 20:24	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 20:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/25/10 20:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 20:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/25/10 20:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 20:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 20:24	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/25/10 20:24	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/25/10 20:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/25/10 20:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/25/10 20:24	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/25/10 20:24	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/25/10 20:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		02/25/10 20:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/25/10 20:24	1634-04-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-19 **Lab ID: 10123027013** Collected: 02/23/10 09:30 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	4.0	1		02/25/10 20:24	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/25/10 20:24	103-65-1	
Styrene	ND	ug/L	1.0	1		02/25/10 20:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 20:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 20:24	79-34-5	
Tetrachloroethene	**12.9**	ug/L	1.0	1		02/25/10 20:24	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		02/25/10 20:24	109-99-9	
Toluene	ND	ug/L	1.0	1		02/25/10 20:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/25/10 20:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/25/10 20:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/25/10 20:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 20:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/25/10 20:24	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/25/10 20:24	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 20:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 20:24	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		02/25/10 20:24	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/25/10 20:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/25/10 20:24	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/25/10 20:24	95-47-6	
Dibromofluoromethane (S)	106	%	75-125	1		02/25/10 20:24	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	75-125	1		02/25/10 20:24	17060-07-0	
Toluene-d8 (S)	93	%	75-125	1		02/25/10 20:24	2037-26-5	
4-Bromofluorobenzene (S)	92	%	75-125	1		02/25/10 20:24	460-00-4	

Sample: MW-20 **Lab ID: 10123027014** Collected: 02/23/10 10:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	20.0	2		02/25/10 22:07	67-64-1	
Allyl chloride	ND	ug/L	8.0	2		02/25/10 22:07	107-05-1	
Benzene	ND	ug/L	2.0	2		02/25/10 22:07	71-43-2	
Bromobenzene	ND	ug/L	2.0	2		02/25/10 22:07	108-86-1	
Bromochloromethane	ND	ug/L	2.0	2		02/25/10 22:07	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	2		02/25/10 22:07	75-27-4	
Bromoform	ND	ug/L	16.0	2		02/25/10 22:07	75-25-2	
Bromomethane	ND	ug/L	8.0	2		02/25/10 22:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	8.0	2		02/25/10 22:07	78-93-3	
n-Butylbenzene	ND	ug/L	2.0	2		02/25/10 22:07	104-51-8	
sec-Butylbenzene	ND	ug/L	2.0	2		02/25/10 22:07	135-98-8	
tert-Butylbenzene	ND	ug/L	2.0	2		02/25/10 22:07	98-06-6	
Carbon tetrachloride	ND	ug/L	2.0	2		02/25/10 22:07	56-23-5	
Chlorobenzene	ND	ug/L	2.0	2		02/25/10 22:07	108-90-7	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-20 **Lab ID: 10123027014** Collected: 02/23/10 10:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Chloroethane	ND	ug/L	2.0	2		02/25/10 22:07	75-00-3	
Chloroform	ND	ug/L	2.0	2		02/25/10 22:07	67-66-3	
Chloromethane	**8.6**	ug/L	8.0	2		02/25/10 22:07	74-87-3	
2-Chlorotoluene	ND	ug/L	2.0	2		02/25/10 22:07	95-49-8	
4-Chlorotoluene	ND	ug/L	2.0	2		02/25/10 22:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	8.0	2		02/25/10 22:07	96-12-8	
Dibromochloromethane	ND	ug/L	2.0	2		02/25/10 22:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	2.0	2		02/25/10 22:07	106-93-4	
Dibromomethane	ND	ug/L	2.0	2		02/25/10 22:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.0	2		02/25/10 22:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.0	2		02/25/10 22:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.0	2		02/25/10 22:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	2		02/25/10 22:07	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	2.0	2		02/25/10 22:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	2		02/25/10 22:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	2		02/25/10 22:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	2		02/25/10 22:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	2		02/25/10 22:07	156-60-5	
Dichlorofluoromethane	ND	ug/L	2.0	2		02/25/10 22:07	75-43-4	
1,2-Dichloropropane	ND	ug/L	2.0	2		02/25/10 22:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	2		02/25/10 22:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	2		02/25/10 22:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	2		02/25/10 22:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	8.0	2		02/25/10 22:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	8.0	2		02/25/10 22:07	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	8.0	2		02/25/10 22:07	60-29-7	
Ethylbenzene	ND	ug/L	2.0	2		02/25/10 22:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	8.0	2		02/25/10 22:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	2.0	2		02/25/10 22:07	98-82-8	
p-Isopropyltoluene	ND	ug/L	2.0	2		02/25/10 22:07	99-87-6	
Methylene Chloride	ND	ug/L	8.0	2		02/25/10 22:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	8.0	2		02/25/10 22:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.0	2		02/25/10 22:07	1634-04-4	
Naphthalene	ND	ug/L	8.0	2		02/25/10 22:07	91-20-3	
n-Propylbenzene	ND	ug/L	2.0	2		02/25/10 22:07	103-65-1	
Styrene	ND	ug/L	2.0	2		02/25/10 22:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	2		02/25/10 22:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	2		02/25/10 22:07	79-34-5	
Tetrachloroethene	**402**	ug/L	2.0	2		02/25/10 22:07	127-18-4	
Tetrahydrofuran	**36.1**	ug/L	20.0	2		02/25/10 22:07	109-99-9	
Toluene	ND	ug/L	2.0	2		02/25/10 22:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	2		02/25/10 22:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	2		02/25/10 22:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.0	2		02/25/10 22:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	2		02/25/10 22:07	79-00-5	
Trichloroethene	ND	ug/L	2.0	2		02/25/10 22:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	2		02/25/10 22:07	75-69-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-20 **Lab ID: 10123027014** Collected: 02/23/10 10:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2,3-Trichloropropane	ND	ug/L	2.0	2		02/25/10 22:07	96-18-4	
1,1,2-Trichlorotrifluoroethane	**20.9**	ug/L	2.0	2		02/25/10 22:07	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	2.0	2		02/25/10 22:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.0	2		02/25/10 22:07	108-67-8	
Vinyl chloride	ND	ug/L	0.80	2		02/25/10 22:07	75-01-4	
Xylene (Total)	ND	ug/L	6.0	2		02/25/10 22:07	1330-20-7	
m&p-Xylene	ND	ug/L	4.0	2		02/25/10 22:07	1330-20-7	
o-Xylene	ND	ug/L	2.0	2		02/25/10 22:07	95-47-6	
Dibromofluoromethane (S)	105	%	75-125	2		02/25/10 22:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	75-125	2		02/25/10 22:07	17060-07-0	
Toluene-d8 (S)	90	%	75-125	2		02/25/10 22:07	2037-26-5	
4-Bromofluorobenzene (S)	92	%	75-125	2		02/25/10 22:07	460-00-4	

Sample: MW-14 **Lab ID: 10123027015** Collected: 02/23/10 09:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10.0	1		02/25/10 20:45	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		02/25/10 20:45	107-05-1	
Benzene	ND	ug/L	1.0	1		02/25/10 20:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/25/10 20:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/25/10 20:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/25/10 20:45	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/25/10 20:45	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/25/10 20:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/25/10 20:45	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/25/10 20:45	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/25/10 20:45	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/25/10 20:45	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		02/25/10 20:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/25/10 20:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/25/10 20:45	75-00-3	
Chloroform	**3.2**	ug/L	1.0	1		02/25/10 20:45	67-66-3	
Chloromethane	**14.2**	ug/L	4.0	1		02/25/10 20:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 20:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 20:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/25/10 20:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/25/10 20:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/25/10 20:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/25/10 20:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/25/10 20:45	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		02/25/10 20:45	75-34-3	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: MW-14 **Lab ID: 10123027015** Collected: 02/23/10 09:00 Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		02/25/10 20:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/25/10 20:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 20:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 20:45	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 20:45	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 20:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/25/10 20:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 20:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/25/10 20:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 20:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 20:45	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/25/10 20:45	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/25/10 20:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/25/10 20:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/25/10 20:45	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/25/10 20:45	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/25/10 20:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		02/25/10 20:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/25/10 20:45	1634-04-4	
Naphthalene	ND	ug/L	4.0	1		02/25/10 20:45	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/25/10 20:45	103-65-1	
Styrene	ND	ug/L	1.0	1		02/25/10 20:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 20:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 20:45	79-34-5	
Tetrachloroethene	**3.0**	ug/L	1.0	1		02/25/10 20:45	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		02/25/10 20:45	109-99-9	
Toluene	ND	ug/L	1.0	1		02/25/10 20:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 20:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/25/10 20:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/25/10 20:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/25/10 20:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 20:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/25/10 20:45	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/25/10 20:45	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 20:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 20:45	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		02/25/10 20:45	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/25/10 20:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/25/10 20:45	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/25/10 20:45	95-47-6	
Dibromofluoromethane (S)	105	%	75-125	1		02/25/10 20:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		02/25/10 20:45	17060-07-0	
Toluene-d8 (S)	92	%	75-125	1		02/25/10 20:45	2037-26-5	
4-Bromofluorobenzene (S)	93	%	75-125	1		02/25/10 20:45	460-00-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: TRIP BLANK **Lab ID: 10123027016** Collected: Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10.0	1		02/25/10 18:42	67-64-1	
Allyl chloride	ND	ug/L	4.0	1		02/25/10 18:42	107-05-1	
Benzene	ND	ug/L	1.0	1		02/25/10 18:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		02/25/10 18:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		02/25/10 18:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/25/10 18:42	75-27-4	
Bromoform	ND	ug/L	8.0	1		02/25/10 18:42	75-25-2	
Bromomethane	ND	ug/L	4.0	1		02/25/10 18:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	4.0	1		02/25/10 18:42	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		02/25/10 18:42	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		02/25/10 18:42	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		02/25/10 18:42	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		02/25/10 18:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/25/10 18:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/25/10 18:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/25/10 18:42	67-66-3	
Chloromethane	ND	ug/L	4.0	1		02/25/10 18:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 18:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		02/25/10 18:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1		02/25/10 18:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		02/25/10 18:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/25/10 18:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		02/25/10 18:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 18:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 18:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/25/10 18:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/25/10 18:42	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	1.0	1		02/25/10 18:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/25/10 18:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/25/10 18:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 18:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/25/10 18:42	156-60-5	
Dichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 18:42	75-43-4	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 18:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		02/25/10 18:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		02/25/10 18:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		02/25/10 18:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 18:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1		02/25/10 18:42	10061-02-6	
Diethyl ether (Ethyl ether)	ND	ug/L	4.0	1		02/25/10 18:42	60-29-7	
Ethylbenzene	ND	ug/L	1.0	1		02/25/10 18:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	1		02/25/10 18:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/25/10 18:42	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		02/25/10 18:42	99-87-6	
Methylene Chloride	ND	ug/L	4.0	1		02/25/10 18:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	4.0	1		02/25/10 18:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/25/10 18:42	1634-04-4	

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ANALYTICAL RESULTS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Sample: TRIP BLANK **Lab ID: 10123027016** Collected: Received: 02/24/10 12:17 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 VOC	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	4.0	1		02/25/10 18:42	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		02/25/10 18:42	103-65-1	
Styrene	ND	ug/L	1.0	1		02/25/10 18:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 18:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/25/10 18:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/25/10 18:42	127-18-4	
Tetrahydrofuran	ND	ug/L	10.0	1		02/25/10 18:42	109-99-9	
Toluene	ND	ug/L	1.0	1		02/25/10 18:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 18:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/25/10 18:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/25/10 18:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/25/10 18:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/25/10 18:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/25/10 18:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		02/25/10 18:42	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/25/10 18:42	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 18:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		02/25/10 18:42	108-67-8	
Vinyl chloride	ND	ug/L	0.40	1		02/25/10 18:42	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		02/25/10 18:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/25/10 18:42	1330-20-7	
o-Xylene	ND	ug/L	1.0	1		02/25/10 18:42	95-47-6	
Dibromofluoromethane (S)	103	%	75-125	1		02/25/10 18:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	75-125	1		02/25/10 18:42	17060-07-0	
Toluene-d8 (S)	95	%	75-125	1		02/25/10 18:42	2037-26-5	
4-Bromofluorobenzene (S)	97	%	75-125	1		02/25/10 18:42	460-00-4	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

QC Batch: MSV/13966 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 465 W
Associated Lab Samples: 10123027002, 10123027004, 10123027005, 10123027006, 10123027007, 10123027010

METHOD BLANK: 752124 Matrix: Water
Associated Lab Samples: 10123027002, 10123027004, 10123027005, 10123027006, 10123027007, 10123027010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	02/26/10 15:42	
1,1,1-Trichloroethane	ug/L	ND	1.0	02/26/10 15:42	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	02/26/10 15:42	
1,1,2-Trichloroethane	ug/L	ND	1.0	02/26/10 15:42	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	02/26/10 15:42	
1,1-Dichloroethane	ug/L	ND	1.0	02/26/10 15:42	
1,1-Dichloroethene	ug/L	ND	1.0	02/26/10 15:42	
1,1-Dichloropropene	ug/L	ND	1.0	02/26/10 15:42	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	02/26/10 15:42	
1,2,3-Trichloropropane	ug/L	ND	1.0	02/26/10 15:42	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	02/26/10 15:42	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	02/26/10 15:42	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	02/26/10 15:42	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	02/26/10 15:42	
1,2-Dichlorobenzene	ug/L	ND	1.0	02/26/10 15:42	
1,2-Dichloroethane	ug/L	ND	1.0	02/26/10 15:42	
1,2-Dichloropropane	ug/L	ND	1.0	02/26/10 15:42	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	02/26/10 15:42	
1,3-Dichlorobenzene	ug/L	ND	1.0	02/26/10 15:42	
1,3-Dichloropropane	ug/L	ND	1.0	02/26/10 15:42	
1,4-Dichlorobenzene	ug/L	ND	1.0	02/26/10 15:42	
2,2-Dichloropropane	ug/L	ND	1.0	02/26/10 15:42	
2-Butanone (MEK)	ug/L	ND	4.0	02/26/10 15:42	
2-Chlorotoluene	ug/L	ND	1.0	02/26/10 15:42	
4-Chlorotoluene	ug/L	ND	1.0	02/26/10 15:42	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	4.0	02/26/10 15:42	
Acetone	ug/L	ND	10.0	02/26/10 15:42	
Allyl chloride	ug/L	ND	4.0	02/26/10 15:42	
Benzene	ug/L	ND	1.0	02/26/10 15:42	
Bromobenzene	ug/L	ND	1.0	02/26/10 15:42	
Bromochloromethane	ug/L	ND	1.0	02/26/10 15:42	
Bromodichloromethane	ug/L	ND	1.0	02/26/10 15:42	
Bromoform	ug/L	ND	8.0	02/26/10 15:42	
Bromomethane	ug/L	ND	4.0	02/26/10 15:42	
Carbon tetrachloride	ug/L	ND	1.0	02/26/10 15:42	
Chlorobenzene	ug/L	ND	1.0	02/26/10 15:42	
Chloroethane	ug/L	ND	1.0	02/26/10 15:42	
Chloroform	ug/L	ND	1.0	02/26/10 15:42	
Chloromethane	ug/L	ND	4.0	02/26/10 15:42	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/26/10 15:42	
cis-1,3-Dichloropropene	ug/L	ND	4.0	02/26/10 15:42	
Dibromochloromethane	ug/L	ND	1.0	02/26/10 15:42	
Dibromomethane	ug/L	ND	1.0	02/26/10 15:42	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

METHOD BLANK: 752124 Matrix: Water

Associated Lab Samples: 10123027002, 10123027004, 10123027005, 10123027006, 10123027007, 10123027010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	02/26/10 15:42	
Dichlorofluoromethane	ug/L	ND	1.0	02/26/10 15:42	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	02/26/10 15:42	
Ethylbenzene	ug/L	ND	1.0	02/26/10 15:42	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	02/26/10 15:42	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	02/26/10 15:42	
m&p-Xylene	ug/L	ND	2.0	02/26/10 15:42	
Methyl-tert-butyl ether	ug/L	ND	1.0	02/26/10 15:42	
Methylene Chloride	ug/L	ND	4.0	02/26/10 15:42	
n-Butylbenzene	ug/L	ND	1.0	02/26/10 15:42	
n-Propylbenzene	ug/L	ND	1.0	02/26/10 15:42	
Naphthalene	ug/L	ND	4.0	02/26/10 15:42	
o-Xylene	ug/L	ND	1.0	02/26/10 15:42	
p-Isopropyltoluene	ug/L	ND	1.0	02/26/10 15:42	
sec-Butylbenzene	ug/L	ND	1.0	02/26/10 15:42	
Styrene	ug/L	ND	1.0	02/26/10 15:42	
tert-Butylbenzene	ug/L	ND	1.0	02/26/10 15:42	
Tetrachloroethene	ug/L	ND	1.0	02/26/10 15:42	
Tetrahydrofuran	ug/L	ND	10.0	02/26/10 15:42	
Toluene	ug/L	ND	1.0	02/26/10 15:42	
trans-1,2-Dichloroethene	ug/L	ND	1.0	02/26/10 15:42	
trans-1,3-Dichloropropene	ug/L	ND	4.0	02/26/10 15:42	
Trichloroethene	ug/L	ND	1.0	02/26/10 15:42	
Trichlorofluoromethane	ug/L	ND	1.0	02/26/10 15:42	
Vinyl chloride	ug/L	ND	0.40	02/26/10 15:42	
Xylene (Total)	ug/L	ND	3.0	02/26/10 15:42	
1,2-Dichloroethane-d4 (S)	%	92	75-125	02/26/10 15:42	
4-Bromofluorobenzene (S)	%	94	75-125	02/26/10 15:42	
Dibromofluoromethane (S)	%	99	75-125	02/26/10 15:42	
Toluene-d8 (S)	%	97	75-125	02/26/10 15:42	

LABORATORY CONTROL SAMPLE: 752125

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.4	107	75-125	
1,1,1-Trichloroethane	ug/L	50	50.2	100	75-125	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	75-125	
1,1,2-Trichloroethane	ug/L	50	48.9	98	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	50	51.6	103	70-138	
1,1-Dichloroethane	ug/L	50	48.4	97	75-125	
1,1-Dichloroethene	ug/L	50	50.2	100	69-129	
1,1-Dichloropropene	ug/L	50	49.1	98	75-126	
1,2,3-Trichlorobenzene	ug/L	50	52.7	105	75-125	
1,2,3-Trichloropropane	ug/L	50	47.2	94	72-126	
1,2,4-Trichlorobenzene	ug/L	50	53.4	107	75-125	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

LABORATORY CONTROL SAMPLE: 752125

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	53.3	107	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	44.4	89	67-125	
1,2-Dibromoethane (EDB)	ug/L	50	49.6	99	75-125	
1,2-Dichlorobenzene	ug/L	50	51.8	104	75-125	
1,2-Dichloroethane	ug/L	50	45.4	91	75-125	
1,2-Dichloropropane	ug/L	50	48.6	97	75-125	
1,3,5-Trimethylbenzene	ug/L	50	53.7	107	75-125	
1,3-Dichlorobenzene	ug/L	50	53.2	106	75-125	
1,3-Dichloropropane	ug/L	50	48.1	96	75-125	
1,4-Dichlorobenzene	ug/L	50	51.3	103	75-125	
2,2-Dichloropropane	ug/L	50	48.2	96	48-150	
2-Butanone (MEK)	ug/L	50	40.8	82	51-134	
2-Chlorotoluene	ug/L	50	51.7	103	75-125	
4-Chlorotoluene	ug/L	50	51.3	103	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	50	39.5	79	60-125	
Acetone	ug/L	125	98.4	79	38-125	
Allyl chloride	ug/L	50	51.7	103	64-137	
Benzene	ug/L	50	49.1	98	75-125	
Bromobenzene	ug/L	50	51.8	104	75-125	
Bromochloromethane	ug/L	50	52.3	105	75-125	
Bromodichloromethane	ug/L	50	50.1	100	75-125	
Bromoform	ug/L	100	106	106	68-125	
Bromomethane	ug/L	50	44.7	89	47-129	
Carbon tetrachloride	ug/L	50	51.8	104	59-133	
Chlorobenzene	ug/L	50	50.6	101	75-125	
Chloroethane	ug/L	50	45.5	91	73-132	
Chloroform	ug/L	50	49.8	100	75-125	
Chloromethane	ug/L	50	45.3	91	72-125	
cis-1,2-Dichloroethene	ug/L	50	51.1	102	75-125	
cis-1,3-Dichloropropene	ug/L	50	50.1	100	75-125	
Dibromochloromethane	ug/L	50	52.5	105	75-125	
Dibromomethane	ug/L	50	48.6	97	75-125	
Dichlorodifluoromethane	ug/L	50	38.9	78	69-134	
Dichlorofluoromethane	ug/L	50	48.0	96	70-125	
Diethyl ether (Ethyl ether)	ug/L	50	47.3	95	71-125	
Ethylbenzene	ug/L	50	51.4	103	75-125	
Hexachloro-1,3-butadiene	ug/L	50	56.8	114	75-137	
Isopropylbenzene (Cumene)	ug/L	50	53.6	107	75-125	
m&p-Xylene	ug/L	100	105	105	75-125	
Methyl-tert-butyl ether	ug/L	50	41.6	83	75-125	
Methylene Chloride	ug/L	50	47.8	96	75-125	
n-Butylbenzene	ug/L	50	53.7	107	75-125	
n-Propylbenzene	ug/L	50	52.2	104	75-125	
Naphthalene	ug/L	50	51.2	102	72-125	
o-Xylene	ug/L	50	52.5	105	75-125	
p-Isopropyltoluene	ug/L	50	54.5	109	75-125	
sec-Butylbenzene	ug/L	50	54.2	108	75-125	
Styrene	ug/L	50	52.7	105	75-125	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

LABORATORY CONTROL SAMPLE: 752125

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	53.3	107	75-125	
Tetrachloroethene	ug/L	50	53.1	106	74-125	
Tetrahydrofuran	ug/L	500	377	75	65-125	
Toluene	ug/L	50	50.8	102	75-125	
trans-1,2-Dichloroethene	ug/L	50	49.6	99	74-125	
trans-1,3-Dichloropropene	ug/L	50	50.4	101	75-125	
Trichloroethene	ug/L	50	50.1	100	75-125	
Trichlorofluoromethane	ug/L	50	49.2	98	73-134	
Vinyl chloride	ug/L	50	47.7	95	75-126	
Xylene (Total)	ug/L	150	158	105	75-125	
1,2-Dichloroethane-d4 (S)	%			89	75-125	
4-Bromofluorobenzene (S)	%			98	75-125	
Dibromofluoromethane (S)	%			97	75-125	
Toluene-d8 (S)	%			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 752700 752701

Parameter	Units	10123027006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	102	102	102	102	71-125	0	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	93.0	93.3	93	93	75-125	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	91.5	98.6	91	99	75-126	8	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	93.4	98.2	93	98	75-125	5	30	
1,1,2-Trichlorotrifluoroethane	ug/L	41.9	100	100	133	132	91	90	70-150	0	30	
1,1-Dichloroethane	ug/L	ND	100	100	90.1	90.4	90	90	75-125	0	30	
1,1-Dichloroethene	ug/L	ND	100	100	91.7	92.1	92	92	64-142	0	30	
1,1-Dichloropropene	ug/L	ND	100	100	89.5	90.3	89	90	75-125	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	117	113	117	113	75-125	3	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	91.9	99.7	92	100	72-127	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	113	108	113	108	75-125	5	30	
1,2,4-Trimethylbenzene	ug/L	ND	100	100	101	98.1	101	98	75-125	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	84.9	88.5	85	88	65-125	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	93.3	98.2	93	98	75-125	5	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	99.1	100	99	100	75-125	1	30	
1,2-Dichloroethane	ug/L	ND	100	100	87.0	88.1	87	88	75-125	1	30	
1,2-Dichloropropane	ug/L	ND	100	100	92.6	93.8	93	94	75-125	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	100	100	102	99.4	102	99	75-127	2	30	
1,3-Dichlorobenzene	ug/L	ND	100	100	101	100	101	100	75-125	1	30	
1,3-Dichloropropane	ug/L	ND	100	100	92.3	97.2	92	97	75-125	5	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	99.3	99.3	99	99	75-125	0	30	
2,2-Dichloropropane	ug/L	ND	100	100	90.0	89.5	90	89	48-150	1	30	
2-Butanone (MEK)	ug/L	ND	100	100	58.2	62.7	58	63	51-134	8	30	
2-Chlorotoluene	ug/L	ND	100	100	97.8	97.0	98	97	75-125	1	30	
4-Chlorotoluene	ug/L	ND	100	100	98.4	96.6	98	97	68-127	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	70.9	80.9	71	81	60-135	13	30	
Acetone	ug/L	ND	250	250	147	149	59	59	30-125	1	30	
Allyl chloride	ug/L	ND	100	100	87.5	75.1	88	75	40-137	15	30	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 752700 752701

Parameter	Units	10123027006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	100	100	92.9	93.4	93	93	75-125	1	30	
Bromobenzene	ug/L	ND	100	100	100	99.8	100	100	75-125	1	30	
Bromochloromethane	ug/L	ND	100	100	98.4	101	98	101	75-125	2	30	
Bromodichloromethane	ug/L	ND	100	100	94.5	92.6	94	93	72-125	2	30	
Bromoform	ug/L	ND	200	200	195	189	98	94	51-125	3	30	
Bromomethane	ug/L	ND	100	100	97.2	87.8	97	88	47-130	10	30	
Carbon tetrachloride	ug/L	ND	100	100	94.9	93.9	95	94	61-133	1	30	
Chlorobenzene	ug/L	ND	100	100	97.5	97.6	98	98	75-125	0	30	
Chloroethane	ug/L	ND	100	100	87.9	86.4	88	86	75-132	2	30	
Chloroform	ug/L	ND	100	100	94.0	95.6	94	96	75-125	2	30	
Chloromethane	ug/L	ND	100	100	86.3	89.6	86	90	68-132	4	30	
cis-1,2-Dichloroethene	ug/L	ND	100	100	97.8	97.7	98	98	75-125	0	30	
cis-1,3-Dichloropropene	ug/L	ND	100	100	93.2	92.1	93	92	63-125	1	30	
Dibromochloromethane	ug/L	ND	100	100	98.8	96.5	99	97	62-125	2	30	
Dibromomethane	ug/L	ND	100	100	93.0	95.3	93	95	75-125	2	30	
Dichlorodifluoromethane	ug/L	ND	100	100	73.5	71.4	74	71	65-150	3	30	
Dichlorofluoromethane	ug/L	ND	100	100	90.5	90.5	90	91	68-127	0	30	
Diethyl ether (Ethyl ether)	ug/L	ND	100	100	85.4	90.2	85	90	71-125	5	30	
Ethylbenzene	ug/L	ND	100	100	96.6	96.4	97	96	75-125	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	127	124	127	124	75-147	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	100	100	99.9	97.3	100	97	75-125	3	30	
m&p-Xylene	ug/L	ND	200	200	197	196	99	98	67-125	1	30	
Methyl-tert-butyl ether	ug/L	ND	100	100	80.1	85.0	80	85	75-125	6	30	
Methylene Chloride	ug/L	ND	100	100	92.1	92.8	92	93	75-125	1	30	
n-Butylbenzene	ug/L	ND	100	100	106	101	106	101	70-135	5	30	
n-Propylbenzene	ug/L	ND	100	100	101	98.4	101	98	70-131	2	30	
Naphthalene	ug/L	ND	100	100	100	106	100	106	66-127	5	30	
o-Xylene	ug/L	ND	100	100	97.2	97.6	97	98	72-125	0	30	
p-Isopropyltoluene	ug/L	ND	100	100	106	101	106	101	71-126	5	30	
sec-Butylbenzene	ug/L	ND	100	100	105	101	105	101	75-127	4	30	
Styrene	ug/L	ND	100	100	97.1	97.8	97	98	30-134	1	30	
tert-Butylbenzene	ug/L	ND	100	100	101	97.7	101	98	75-125	3	30	
Tetrachloroethene	ug/L	429	100	100	483	480	54	51	74-125	1	30	P6
Tetrahydrofuran	ug/L	ND	1000	1000	707	808	71	81	65-125	13	30	
Toluene	ug/L	ND	100	100	96.4	96.8	96	97	75-125	0	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	94.3	93.5	94	93	72-125	1	30	
trans-1,3-Dichloropropene	ug/L	ND	100	100	92.9	93.0	93	93	63-125	0	30	
Trichloroethene	ug/L	ND	100	100	95.3	95.0	95	95	58-127	0	30	
Trichlorofluoromethane	ug/L	ND	100	100	92.9	92.1	93	92	73-150	1	30	
Vinyl chloride	ug/L	ND	100	100	90.0	86.9	90	87	75-134	3	30	
Xylene (Total)	ug/L	ND	300	300	294	293	98	98	75-125	0	30	
1,2-Dichloroethane-d4 (S)	%						88	89	75-125			
4-Bromofluorobenzene (S)	%						99	97	75-125			
Dibromofluoromethane (S)	%						95	98	75-125			
Toluene-d8 (S)	%						99	100	75-125			

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

QC Batch: MSV/13971 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 465 W
Associated Lab Samples: 10123027003, 10123027008, 10123027009, 10123027011, 10123027013, 10123027014, 10123027015, 10123027016

METHOD BLANK: 752688 Matrix: Water
Associated Lab Samples: 10123027003, 10123027008, 10123027009, 10123027011, 10123027013, 10123027014, 10123027015, 10123027016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	02/25/10 18:21	
1,1,1-Trichloroethane	ug/L	ND	1.0	02/25/10 18:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	02/25/10 18:21	
1,1,2-Trichloroethane	ug/L	ND	1.0	02/25/10 18:21	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	02/25/10 18:21	
1,1-Dichloroethane	ug/L	ND	1.0	02/25/10 18:21	
1,1-Dichloroethene	ug/L	ND	1.0	02/25/10 18:21	
1,1-Dichloropropene	ug/L	ND	1.0	02/25/10 18:21	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	02/25/10 18:21	
1,2,3-Trichloropropane	ug/L	ND	1.0	02/25/10 18:21	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	02/25/10 18:21	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	02/25/10 18:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	02/25/10 18:21	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	02/25/10 18:21	
1,2-Dichlorobenzene	ug/L	ND	1.0	02/25/10 18:21	
1,2-Dichloroethane	ug/L	ND	1.0	02/25/10 18:21	
1,2-Dichloropropane	ug/L	ND	1.0	02/25/10 18:21	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	02/25/10 18:21	
1,3-Dichlorobenzene	ug/L	ND	1.0	02/25/10 18:21	
1,3-Dichloropropane	ug/L	ND	1.0	02/25/10 18:21	
1,4-Dichlorobenzene	ug/L	ND	1.0	02/25/10 18:21	
2,2-Dichloropropane	ug/L	ND	1.0	02/25/10 18:21	
2-Butanone (MEK)	ug/L	ND	4.0	02/25/10 18:21	
2-Chlorotoluene	ug/L	ND	1.0	02/25/10 18:21	
4-Chlorotoluene	ug/L	ND	1.0	02/25/10 18:21	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	4.0	02/25/10 18:21	
Acetone	ug/L	ND	10.0	02/25/10 18:21	
Allyl chloride	ug/L	ND	4.0	02/25/10 18:21	
Benzene	ug/L	ND	1.0	02/25/10 18:21	
Bromobenzene	ug/L	ND	1.0	02/25/10 18:21	
Bromochloromethane	ug/L	ND	1.0	02/25/10 18:21	
Bromodichloromethane	ug/L	ND	1.0	02/25/10 18:21	
Bromoform	ug/L	ND	8.0	02/25/10 18:21	
Bromomethane	ug/L	ND	4.0	02/25/10 18:21	
Carbon tetrachloride	ug/L	ND	1.0	02/25/10 18:21	
Chlorobenzene	ug/L	ND	1.0	02/25/10 18:21	
Chloroethane	ug/L	ND	1.0	02/25/10 18:21	
Chloroform	ug/L	ND	1.0	02/25/10 18:21	
Chloromethane	ug/L	ND	4.0	02/25/10 18:21	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/25/10 18:21	
cis-1,3-Dichloropropene	ug/L	ND	4.0	02/25/10 18:21	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

METHOD BLANK: 752688 Matrix: Water

Associated Lab Samples: 10123027003, 10123027008, 10123027009, 10123027011, 10123027013, 10123027014, 10123027015, 10123027016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	02/25/10 18:21	
Dibromomethane	ug/L	ND	1.0	02/25/10 18:21	
Dichlorodifluoromethane	ug/L	ND	1.0	02/25/10 18:21	
Dichlorofluoromethane	ug/L	ND	1.0	02/25/10 18:21	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	02/25/10 18:21	
Ethylbenzene	ug/L	ND	1.0	02/25/10 18:21	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	02/25/10 18:21	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	02/25/10 18:21	
m&p-Xylene	ug/L	ND	2.0	02/25/10 18:21	
Methyl-tert-butyl ether	ug/L	ND	1.0	02/25/10 18:21	
Methylene Chloride	ug/L	ND	4.0	02/25/10 18:21	
n-Butylbenzene	ug/L	ND	1.0	02/25/10 18:21	
n-Propylbenzene	ug/L	ND	1.0	02/25/10 18:21	
Naphthalene	ug/L	ND	4.0	02/25/10 18:21	
o-Xylene	ug/L	ND	1.0	02/25/10 18:21	
p-Isopropyltoluene	ug/L	ND	1.0	02/25/10 18:21	
sec-Butylbenzene	ug/L	ND	1.0	02/25/10 18:21	
Styrene	ug/L	ND	1.0	02/25/10 18:21	
tert-Butylbenzene	ug/L	ND	1.0	02/25/10 18:21	
Tetrachloroethene	ug/L	ND	1.0	02/25/10 18:21	
Tetrahydrofuran	ug/L	ND	10.0	02/25/10 18:21	
Toluene	ug/L	ND	1.0	02/25/10 18:21	
trans-1,2-Dichloroethene	ug/L	ND	1.0	02/25/10 18:21	
trans-1,3-Dichloropropene	ug/L	ND	4.0	02/25/10 18:21	
Trichloroethene	ug/L	ND	1.0	02/25/10 18:21	
Trichlorofluoromethane	ug/L	ND	1.0	02/25/10 18:21	
Vinyl chloride	ug/L	ND	0.40	02/25/10 18:21	
Xylene (Total)	ug/L	ND	3.0	02/25/10 18:21	
1,2-Dichloroethane-d4 (S)	%	97	75-125	02/25/10 18:21	
4-Bromofluorobenzene (S)	%	97	75-125	02/25/10 18:21	
Dibromofluoromethane (S)	%	101	75-125	02/25/10 18:21	
Toluene-d8 (S)	%	95	75-125	02/25/10 18:21	

LABORATORY CONTROL SAMPLE: 752689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.5	105	75-125	
1,1,1-Trichloroethane	ug/L	50	48.1	96	75-125	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	97	75-125	
1,1,2-Trichloroethane	ug/L	50	50.0	100	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	50	41.7	83	70-138	
1,1-Dichloroethane	ug/L	50	46.9	94	75-125	
1,1-Dichloroethene	ug/L	50	45.7	91	69-129	
1,1-Dichloropropene	ug/L	50	45.7	91	75-126	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

LABORATORY CONTROL SAMPLE: 752689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	50	54.1	108	75-125	
1,2,3-Trichloropropane	ug/L	50	49.0	98	72-126	
1,2,4-Trichlorobenzene	ug/L	50	53.6	107	75-125	
1,2,4-Trimethylbenzene	ug/L	50	51.8	104	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	45.6	91	67-125	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	75-125	
1,2-Dichlorobenzene	ug/L	50	51.6	103	75-125	
1,2-Dichloroethane	ug/L	50	46.7	93	75-125	
1,2-Dichloropropane	ug/L	50	49.0	98	75-125	
1,3,5-Trimethylbenzene	ug/L	50	51.5	103	75-125	
1,3-Dichlorobenzene	ug/L	50	51.5	103	75-125	
1,3-Dichloropropane	ug/L	50	48.6	97	75-125	
1,4-Dichlorobenzene	ug/L	50	51.0	102	75-125	
2,2-Dichloropropane	ug/L	50	44.6	89	48-150	
2-Butanone (MEK)	ug/L	50	40.2	80	51-134	
2-Chlorotoluene	ug/L	50	50.4	101	75-125	
4-Chlorotoluene	ug/L	50	50.3	101	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	50	41.2	82	60-125	
Acetone	ug/L	125	88.8	71	38-125	
Allyl chloride	ug/L	50	48.0	96	64-137	
Benzene	ug/L	50	47.5	95	75-125	
Bromobenzene	ug/L	50	51.7	103	75-125	
Bromochloromethane	ug/L	50	50.6	101	75-125	
Bromodichloromethane	ug/L	50	50.9	102	75-125	
Bromoform	ug/L	100	108	108	68-125	
Bromomethane	ug/L	50	43.4	87	47-129	
Carbon tetrachloride	ug/L	50	48.1	96	59-133	
Chlorobenzene	ug/L	50	50.4	101	75-125	
Chloroethane	ug/L	50	44.2	88	73-132	
Chloroform	ug/L	50	48.7	97	75-125	
Chloromethane	ug/L	50	44.0	88	72-125	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	75-125	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	75-125	
Dibromochloromethane	ug/L	50	53.4	107	75-125	
Dibromomethane	ug/L	50	49.9	100	75-125	
Dichlorodifluoromethane	ug/L	50	31.6	63	69-134	L0
Dichlorofluoromethane	ug/L	50	46.6	93	70-125	
Diethyl ether (Ethyl ether)	ug/L	50	46.5	93	71-125	
Ethylbenzene	ug/L	50	50.5	101	75-125	
Hexachloro-1,3-butadiene	ug/L	50	53.0	106	75-137	
Isopropylbenzene (Cumene)	ug/L	50	51.2	102	75-125	
m&p-Xylene	ug/L	100	103	103	75-125	
Methyl-tert-butyl ether	ug/L	50	42.3	85	75-125	
Methylene Chloride	ug/L	50	47.5	95	75-125	
n-Butylbenzene	ug/L	50	51.3	103	75-125	
n-Propylbenzene	ug/L	50	50.2	100	75-125	
Naphthalene	ug/L	50	52.4	105	72-125	
o-Xylene	ug/L	50	51.9	104	75-125	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

LABORATORY CONTROL SAMPLE: 752689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	50	51.8	104	75-125	
sec-Butylbenzene	ug/L	50	50.7	101	75-125	
Styrene	ug/L	50	52.3	105	75-125	
tert-Butylbenzene	ug/L	50	50.8	102	75-125	
Tetrachloroethene	ug/L	50	50.1	100	74-125	
Tetrahydrofuran	ug/L	500	390	78	65-125	
Toluene	ug/L	50	49.9	100	75-125	
trans-1,2-Dichloroethene	ug/L	50	47.7	95	74-125	
trans-1,3-Dichloropropene	ug/L	50	51.1	102	75-125	
Trichloroethene	ug/L	50	49.1	98	75-125	
Trichlorofluoromethane	ug/L	50	42.3	85	73-134	
Vinyl chloride	ug/L	50	43.4	87	75-126	
Xylene (Total)	ug/L	150	155	103	75-125	
1,2-Dichloroethane-d4 (S)	%			93	75-125	
4-Bromofluorobenzene (S)	%			99	75-125	
Dibromofluoromethane (S)	%			97	75-125	
Toluene-d8 (S)	%			101	75-125	

MATRIX SPIKE SAMPLE: 752698

Parameter	Units	10123027011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	21.7	108	71-125	
1,1,1-Trichloroethane	ug/L	ND	20	21.3	107	75-125	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.2	101	75-126	
1,1,2-Trichloroethane	ug/L	ND	20	20.2	101	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	3.3	20	27.8	123	70-150	
1,1-Dichloroethane	ug/L	ND	20	19.9	100	75-125	
1,1-Dichloroethene	ug/L	ND	20	20.1	101	64-142	
1,1-Dichloropropene	ug/L	ND	20	20.6	103	75-125	
1,2,3-Trichlorobenzene	ug/L	ND	20	23.9	120	75-125	
1,2,3-Trichloropropane	ug/L	ND	20	20.7	103	72-127	
1,2,4-Trichlorobenzene	ug/L	ND	20	23.2	116	75-125	
1,2,4-Trimethylbenzene	ug/L	ND	20	8.8	44	75-125	M0
1,2-Dibromo-3-chloropropane	ug/L	ND	20	18.0	90	65-125	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20.1	101	75-125	
1,2-Dichlorobenzene	ug/L	ND	20	21.7	108	75-125	
1,2-Dichloroethane	ug/L	ND	20	19.3	96	75-125	
1,2-Dichloropropane	ug/L	ND	20	20.2	101	75-125	
1,3,5-Trimethylbenzene	ug/L	ND	20	15.4	77	75-127	
1,3-Dichlorobenzene	ug/L	ND	20	22.5	113	75-125	
1,3-Dichloropropane	ug/L	ND	20	20.1	101	75-125	
1,4-Dichlorobenzene	ug/L	ND	20	21.8	109	75-125	
2,2-Dichloropropane	ug/L	ND	20	20.2	101	48-150	
2-Butanone (MEK)	ug/L	ND	20	13.3	66	51-134	
2-Chlorotoluene	ug/L	ND	20	22.2	111	75-125	
4-Chlorotoluene	ug/L	ND	20	21.0	105	68-127	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20	15.4	77	60-135	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

MATRIX SPIKE SAMPLE: 752698

Parameter	Units	10123027011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	ND	50	29.3	59	30-125	
Allyl chloride	ug/L	ND	20	18.7	94	40-137	
Benzene	ug/L	ND	20	20.4	102	75-125	
Bromobenzene	ug/L	ND	20	21.9	110	75-125	
Bromochloromethane	ug/L	ND	20	21.1	106	75-125	
Bromodichloromethane	ug/L	ND	20	21.1	103	72-125	
Bromoform	ug/L	ND	40	41.4	103	51-125	
Bromomethane	ug/L	ND	20	22.1	110	47-130	
Carbon tetrachloride	ug/L	ND	20	22.1	111	61-133	
Chlorobenzene	ug/L	ND	20	21.1	105	75-125	
Chloroethane	ug/L	ND	20	20.5	103	75-132	
Chloroform	ug/L	1.4	20	22.0	103	75-125	
Chloromethane	ug/L	ND	20	20.4	102	68-132	
cis-1,2-Dichloroethene	ug/L	ND	20	22.8	114	75-125	
cis-1,3-Dichloropropene	ug/L	ND	20	20.2	101	63-125	
Dibromochloromethane	ug/L	ND	20	21.5	108	62-125	
Dibromomethane	ug/L	ND	20	19.9	100	75-125	
Dichlorodifluoromethane	ug/L	ND	20	19.3	96	65-150	
Dichlorofluoromethane	ug/L	ND	20	20.9	105	68-127	
Diethyl ether (Ethyl ether)	ug/L	ND	20	19.1	95	71-125	
Ethylbenzene	ug/L	ND	20	20.2	101	75-125	
Hexachloro-1,3-butadiene	ug/L	ND	20	30.1	151	75-147	M0
Isopropylbenzene (Cumene)	ug/L	ND	20	20.9	105	75-125	
m&p-Xylene	ug/L	ND	40	36.1	90	67-125	
Methyl-tert-butyl ether	ug/L	ND	20	17.7	88	75-125	
Methylene Chloride	ug/L	ND	20	19.9	100	75-125	
n-Butylbenzene	ug/L	ND	20	23.3	117	70-135	
n-Propylbenzene	ug/L	ND	20	22.0	110	70-131	
Naphthalene	ug/L	ND	20	20.1	100	66-127	
o-Xylene	ug/L	ND	20	18.8	94	72-125	
p-Isopropyltoluene	ug/L	ND	20	20.0	100	71-126	
sec-Butylbenzene	ug/L	ND	20	23.3	116	75-127	
Styrene	ug/L	ND	20	3.2	16	30-134	M0
tert-Butylbenzene	ug/L	ND	20	24.4	122	75-125	
Tetrachloroethene	ug/L	5.7	20	28.0	112	74-125	
Tetrahydrofuran	ug/L	ND	200	157	79	65-125	
Toluene	ug/L	ND	20	20.4	102	75-125	
trans-1,2-Dichloroethene	ug/L	ND	20	20.0	100	72-125	
trans-1,3-Dichloropropene	ug/L	ND	20	19.2	96	63-125	
Trichloroethene	ug/L	ND	20	21.5	107	58-127	
Trichlorofluoromethane	ug/L	ND	20	22.7	113	73-150	
Vinyl chloride	ug/L	ND	20	21.4	107	75-134	
Xylene (Total)	ug/L	ND	60	54.9	92	75-125	
1,2-Dichloroethane-d4 (S)	%				94	75-125	
4-Bromofluorobenzene (S)	%				99	75-125	
Dibromofluoromethane (S)	%				99	75-125	
Toluene-d8 (S)	%				99	75-125	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

SAMPLE DUPLICATE: 752697

Parameter	Units	10123027009 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	ug/L	2.7	2.8	2	30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Allyl chloride	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	1.2	1.2	2	30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Dichlorofluoromethane	ug/L	ND	ND		30	
Diethyl ether (Ethyl ether)	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

SAMPLE DUPLICATE: 752697

Parameter	Units	10123027009 Result	Dup Result	RPD	Max RPD	Qualifiers
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	7.3	7.5	3	30	
Tetrahydrofuran	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	98	98	0		
4-Bromofluorobenzene (S)	%	96	95	1		
Dibromofluoromethane (S)	%	103	104	0		
Toluene-d8 (S)	%	95	97	2		

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

QC Batch: MSV/13977 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 465 W
Associated Lab Samples: 10123027001, 10123027012

METHOD BLANK: 753708 Matrix: Water
Associated Lab Samples: 10123027001, 10123027012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	03/01/10 19:19	
1,1,1-Trichloroethane	ug/L	ND	1.0	03/01/10 19:19	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	03/01/10 19:19	
1,1,2-Trichloroethane	ug/L	ND	1.0	03/01/10 19:19	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	03/01/10 19:19	
1,1-Dichloroethane	ug/L	ND	1.0	03/01/10 19:19	
1,1-Dichloroethene	ug/L	ND	1.0	03/01/10 19:19	
1,1-Dichloropropene	ug/L	ND	1.0	03/01/10 19:19	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	03/01/10 19:19	
1,2,3-Trichloropropane	ug/L	ND	1.0	03/01/10 19:19	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	03/01/10 19:19	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	03/01/10 19:19	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	03/01/10 19:19	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	03/01/10 19:19	
1,2-Dichlorobenzene	ug/L	ND	1.0	03/01/10 19:19	
1,2-Dichloroethane	ug/L	ND	1.0	03/01/10 19:19	
1,2-Dichloropropane	ug/L	ND	1.0	03/01/10 19:19	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	03/01/10 19:19	
1,3-Dichlorobenzene	ug/L	ND	1.0	03/01/10 19:19	
1,3-Dichloropropane	ug/L	ND	1.0	03/01/10 19:19	
1,4-Dichlorobenzene	ug/L	ND	1.0	03/01/10 19:19	
2,2-Dichloropropane	ug/L	ND	4.0	03/01/10 19:19	
2-Butanone (MEK)	ug/L	ND	4.0	03/01/10 19:19	
2-Chlorotoluene	ug/L	ND	1.0	03/01/10 19:19	
4-Chlorotoluene	ug/L	ND	1.0	03/01/10 19:19	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	4.0	03/01/10 19:19	
Acetone	ug/L	ND	10.0	03/01/10 19:19	
Allyl chloride	ug/L	ND	4.0	03/01/10 19:19	
Benzene	ug/L	ND	1.0	03/01/10 19:19	
Bromobenzene	ug/L	ND	1.0	03/01/10 19:19	
Bromochloromethane	ug/L	ND	1.0	03/01/10 19:19	
Bromodichloromethane	ug/L	ND	1.0	03/01/10 19:19	
Bromoform	ug/L	ND	8.0	03/01/10 19:19	
Bromomethane	ug/L	ND	4.0	03/01/10 19:19	
Carbon tetrachloride	ug/L	ND	4.0	03/01/10 19:19	
Chlorobenzene	ug/L	ND	1.0	03/01/10 19:19	
Chloroethane	ug/L	ND	1.0	03/01/10 19:19	
Chloroform	ug/L	ND	1.0	03/01/10 19:19	
Chloromethane	ug/L	ND	4.0	03/01/10 19:19	
cis-1,2-Dichloroethene	ug/L	ND	1.0	03/01/10 19:19	
cis-1,3-Dichloropropene	ug/L	ND	4.0	03/01/10 19:19	
Dibromochloromethane	ug/L	ND	1.0	03/01/10 19:19	
Dibromomethane	ug/L	ND	4.0	03/01/10 19:19	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

METHOD BLANK: 753708 Matrix: Water

Associated Lab Samples: 10123027001, 10123027012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	03/01/10 19:19	
Dichlorofluoromethane	ug/L	ND	1.0	03/01/10 19:19	
Diethyl ether (Ethyl ether)	ug/L	ND	4.0	03/01/10 19:19	
Ethylbenzene	ug/L	ND	1.0	03/01/10 19:19	
Hexachloro-1,3-butadiene	ug/L	ND	4.0	03/01/10 19:19	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	03/01/10 19:19	
m&p-Xylene	ug/L	ND	2.0	03/01/10 19:19	
Methyl-tert-butyl ether	ug/L	ND	1.0	03/01/10 19:19	
Methylene Chloride	ug/L	ND	4.0	03/01/10 19:19	
n-Butylbenzene	ug/L	ND	1.0	03/01/10 19:19	
n-Propylbenzene	ug/L	ND	1.0	03/01/10 19:19	
Naphthalene	ug/L	ND	4.0	03/01/10 19:19	
o-Xylene	ug/L	ND	1.0	03/01/10 19:19	
p-Isopropyltoluene	ug/L	ND	1.0	03/01/10 19:19	
sec-Butylbenzene	ug/L	ND	1.0	03/01/10 19:19	
Styrene	ug/L	ND	1.0	03/01/10 19:19	
tert-Butylbenzene	ug/L	ND	1.0	03/01/10 19:19	
Tetrachloroethene	ug/L	ND	1.0	03/01/10 19:19	
Tetrahydrofuran	ug/L	ND	10.0	03/01/10 19:19	
Toluene	ug/L	ND	1.0	03/01/10 19:19	
trans-1,2-Dichloroethene	ug/L	ND	1.0	03/01/10 19:19	
trans-1,3-Dichloropropene	ug/L	ND	4.0	03/01/10 19:19	
Trichloroethene	ug/L	ND	1.0	03/01/10 19:19	
Trichlorofluoromethane	ug/L	ND	1.0	03/01/10 19:19	
Vinyl chloride	ug/L	ND	0.40	03/01/10 19:19	
Xylene (Total)	ug/L	ND	3.0	03/01/10 19:19	
1,2-Dichloroethane-d4 (S)	%	94	75-125	03/01/10 19:19	
4-Bromofluorobenzene (S)	%	99	75-125	03/01/10 19:19	
Dibromofluoromethane (S)	%	98	75-125	03/01/10 19:19	
Toluene-d8 (S)	%	100	75-125	03/01/10 19:19	

LABORATORY CONTROL SAMPLE: 753709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.5	93	75-125	
1,1,1-Trichloroethane	ug/L	50	43.2	86	75-125	
1,1,2,2-Tetrachloroethane	ug/L	50	48.1	96	75-125	
1,1,2-Trichloroethane	ug/L	50	46.8	94	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	50	47.6	95	70-138	
1,1-Dichloroethane	ug/L	50	44.0	88	75-125	
1,1-Dichloroethene	ug/L	50	45.0	90	69-129	
1,1-Dichloropropene	ug/L	50	45.0	90	75-126	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	75-125	
1,2,3-Trichloropropane	ug/L	50	46.1	92	72-126	
1,2,4-Trichlorobenzene	ug/L	50	48.8	98	75-125	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

LABORATORY CONTROL SAMPLE: 753709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	48.5	97	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	46.5	93	67-125	
1,2-Dibromoethane (EDB)	ug/L	50	47.3	95	75-125	
1,2-Dichlorobenzene	ug/L	50	47.5	95	75-125	
1,2-Dichloroethane	ug/L	50	42.2	84	75-125	
1,2-Dichloropropane	ug/L	50	45.9	92	75-125	
1,3,5-Trimethylbenzene	ug/L	50	48.3	97	75-125	
1,3-Dichlorobenzene	ug/L	50	47.2	94	75-125	
1,3-Dichloropropane	ug/L	50	46.5	93	75-125	
1,4-Dichlorobenzene	ug/L	50	47.1	94	75-125	
2,2-Dichloropropane	ug/L	50	50.0	100	48-150	
2-Butanone (MEK)	ug/L	50	47.4	95	51-134	
2-Chlorotoluene	ug/L	50	47.2	94	75-125	
4-Chlorotoluene	ug/L	50	46.8	94	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	50	47.6	95	60-125	
Acetone	ug/L	125	151	121	38-125	SS
Allyl chloride	ug/L	50	44.6	89	64-137	
Benzene	ug/L	50	44.9	90	75-125	
Bromobenzene	ug/L	50	47.5	95	75-125	
Bromochloromethane	ug/L	50	49.0	98	75-125	
Bromodichloromethane	ug/L	50	44.6	89	75-125	
Bromoform	ug/L	100	96.6	97	68-125	
Bromomethane	ug/L	50	43.9	88	47-129	
Carbon tetrachloride	ug/L	50	44.5	89	59-133	
Chlorobenzene	ug/L	50	46.8	94	75-125	
Chloroethane	ug/L	50	41.1	82	73-132	
Chloroform	ug/L	50	44.4	89	75-125	
Chloromethane	ug/L	50	40.7	81	72-125	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	75-125	
cis-1,3-Dichloropropene	ug/L	50	46.9	94	75-125	
Dibromochloromethane	ug/L	50	47.5	95	75-125	
Dibromomethane	ug/L	50	44.6	89	75-125	
Dichlorodifluoromethane	ug/L	50	42.0	84	69-134	
Dichlorofluoromethane	ug/L	50	43.4	87	70-125	
Diethyl ether (Ethyl ether)	ug/L	50	47.4	95	71-125	
Ethylbenzene	ug/L	50	46.9	94	75-125	
Hexachloro-1,3-butadiene	ug/L	50	47.3	95	75-137	
Isopropylbenzene (Cumene)	ug/L	50	48.0	96	75-125	
m&p-Xylene	ug/L	100	95.6	96	75-125	
Methyl-tert-butyl ether	ug/L	50	46.3	93	75-125	
Methylene Chloride	ug/L	50	44.1	88	75-125	
n-Butylbenzene	ug/L	50	48.3	97	75-125	
n-Propylbenzene	ug/L	50	45.6	91	75-125	
Naphthalene	ug/L	50	51.6	103	72-125	
o-Xylene	ug/L	50	46.5	93	75-125	
p-Isopropyltoluene	ug/L	50	49.2	98	75-125	
sec-Butylbenzene	ug/L	50	48.6	97	75-125	
Styrene	ug/L	50	49.0	98	75-125	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

LABORATORY CONTROL SAMPLE: 753709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	48.1	96	75-125	
Tetrachloroethene	ug/L	50	47.1	94	74-125	
Tetrahydrofuran	ug/L	500	503	101	65-125	
Toluene	ug/L	50	46.3	93	75-125	
trans-1,2-Dichloroethene	ug/L	50	45.2	90	74-125	
trans-1,3-Dichloropropene	ug/L	50	47.1	94	75-125	
Trichloroethene	ug/L	50	44.6	89	75-125	
Trichlorofluoromethane	ug/L	50	44.4	89	73-134	
Vinyl chloride	ug/L	50	44.5	89	75-126	
Xylene (Total)	ug/L	150	142	95	75-125	
1,2-Dichloroethane-d4 (S)	%			78	75-125	
4-Bromofluorobenzene (S)	%			100	75-125	
Dibromofluoromethane (S)	%			97	75-125	
Toluene-d8 (S)	%			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 753710 753711

Parameter	Units	10123001011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	1910	1950	96	97	71-125	2	30	
1,1,1-Trichloroethane	ug/L	ND	2000	2000	1850	1850	92	92	75-125	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	1840	1960	92	98	75-126	6	30	
1,1,2-Trichloroethane	ug/L	ND	2000	2000	1850	1920	92	96	75-125	4	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	2000	2000	2130	2170	106	108	70-150	2	30	
1,1-Dichloroethane	ug/L	ND	2000	2000	1870	1860	94	93	75-125	1	30	
1,1-Dichloroethene	ug/L	ND	2000	2000	1990	1960	100	98	64-142	2	30	
1,1-Dichloropropene	ug/L	ND	2000	2000	1950	1930	98	96	75-125	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2020	2040	101	102	75-125	1	30	
1,2,3-Trichloropropane	ug/L	ND	2000	2000	1800	1910	90	95	72-127	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2030	2010	101	101	75-125	1	30	
1,2,4-Trimethylbenzene	ug/L	1040	2000	2000	3070	3090	101	102	75-125	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	1740	1860	87	93	65-125	7	30	
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	1880	1970	94	99	75-125	4	30	
1,2-Dichlorobenzene	ug/L	ND	2000	2000	1950	1970	98	99	75-125	1	30	
1,2-Dichloroethane	ug/L	ND	2000	2000	1730	1760	87	88	75-125	2	30	
1,2-Dichloropropane	ug/L	ND	2000	2000	1910	1940	95	97	75-125	2	30	
1,3,5-Trimethylbenzene	ug/L	255	2000	2000	2310	2310	103	103	75-127	0	30	
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2000	100	100	75-125	0	30	
1,3-Dichloropropane	ug/L	ND	2000	2000	1890	1930	94	97	75-125	2	30	
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2040	2030	102	101	75-125	1	30	
2,2-Dichloropropane	ug/L	ND	2000	2000	2110	2070	105	104	48-150	2	30	
2-Butanone (MEK)	ug/L	ND	2000	2000	1750	1810	87	91	51-134	4	30	
2-Chlorotoluene	ug/L	ND	2000	2000	2130	2130	106	106	75-125	0	30	
4-Chlorotoluene	ug/L	ND	2000	2000	1990	1990	99	99	68-127	0	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	2000	2000	1740	1870	87	93	60-135	7	30	
Acetone	ug/L	ND	5000	5000	4140	4600	83	92	30-125	11	30	SS
Allyl chloride	ug/L	ND	2000	2000	1880	1960	94	98	40-137	4	30	

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QUALITY CONTROL DATA

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 753710 753711

Parameter	Units	10123001011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	515	2000	2000	2400	2390	94	94	75-125	1	30	
Bromobenzene	ug/L	ND	2000	2000	2000	2030	100	101	75-125	2	30	
Bromochloromethane	ug/L	ND	2000	2000	1950	1990	98	100	75-125	2	30	
Bromodichloromethane	ug/L	ND	2000	2000	1850	1880	92	94	72-125	2	30	
Bromoform	ug/L	ND	4000	4000	3720	3910	93	98	51-125	5	30	
Bromomethane	ug/L	ND	2000	2000	1810	1980	90	99	47-130	9	30	
Carbon tetrachloride	ug/L	ND	2000	2000	1910	1890	95	94	61-133	1	30	
Chlorobenzene	ug/L	ND	2000	2000	2010	2010	101	100	75-125	0	30	
Chloroethane	ug/L	ND	2000	2000	2030	1760	101	88	75-132	14	30	
Chloroform	ug/L	ND	2000	2000	1870	1860	94	93	75-125	1	30	
Chloromethane	ug/L	ND	2000	2000	1700	1660	85	83	68-132	3	30	
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	1960	1940	98	97	75-125	1	30	
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	1920	1990	96	99	63-125	3	30	
Dibromochloromethane	ug/L	ND	2000	2000	1870	1960	94	98	62-125	5	30	
Dibromomethane	ug/L	ND	2000	2000	1760	1880	88	94	75-125	6	30	
Dichlorodifluoromethane	ug/L	ND	2000	2000	1910	1880	95	94	65-150	2	30	
Dichlorofluoromethane	ug/L	ND	2000	2000	1870	1860	93	93	68-127	1	30	
Diethyl ether (Ethyl ether)	ug/L	ND	2000	2000	1920	2000	96	100	71-125	4	30	
Ethylbenzene	ug/L	1580	2000	2000	3550	3550	98	99	75-125	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2130	2060	107	103	75-147	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	2000	2000	2130	2130	104	104	75-125	0	30	
m&p-Xylene	ug/L	5330	4000	4000	9260	9280	98	99	67-125	0	30	
Methyl-tert-butyl ether	ug/L	ND	2000	2000	1820	1920	91	96	75-125	6	30	
Methylene Chloride	ug/L	ND	2000	2000	1820	1870	91	93	75-125	3	30	
n-Butylbenzene	ug/L	ND	2000	2000	2140	2110	107	105	70-135	2	30	
n-Propylbenzene	ug/L	140	2000	2000	2120	2110	99	98	70-131	0	30	
Naphthalene	ug/L	ND	2000	2000	2420	2530	102	107	66-127	4	30	
o-Xylene	ug/L	2320	2000	2000	4310	4290	100	99	72-125	0	30	
p-Isopropyltoluene	ug/L	ND	2000	2000	2160	2150	108	107	71-126	0	30	
sec-Butylbenzene	ug/L	ND	2000	2000	2130	2120	107	106	75-127	0	30	
Styrene	ug/L	ND	2000	2000	2070	2080	104	104	30-134	0	30	
tert-Butylbenzene	ug/L	ND	2000	2000	2050	2060	103	103	75-125	0	30	
Tetrachloroethene	ug/L	ND	2000	2000	2020	2020	101	101	74-125	0	30	
Tetrahydrofuran	ug/L	ND	20000	20000	20200	21400	101	107	65-125	6	30	
Toluene	ug/L	18300	2000	2000	19700	19800	74	76	75-125	0	30	P6
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	1980	1920	99	96	72-125	3	30	
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1910	1950	95	98	63-125	2	30	
Trichloroethene	ug/L	ND	2000	2000	1870	1880	94	94	58-127	1	30	
Trichlorofluoromethane	ug/L	ND	2000	2000	1950	1940	98	97	73-150	1	30	
Vinyl chloride	ug/L	ND	2000	2000	1960	1910	98	95	75-134	3	30	
Xylene (Total)	ug/L	7650	6000	6000	13600	13600	99	99	75-125	0	30	
1,2-Dichloroethane-d4 (S)	%						101	105	75-125			
4-Bromofluorobenzene (S)	%						101	99	75-125			
Dibromofluoromethane (S)	%						96	97	75-125			
Toluene-d8 (S)	%						101	100	75-125			

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Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

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.

U - Indicates the compound was analyzed for, but not detected.

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CRC CITY OF ROCHESTER
Pace Project No.: 10123027

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10123027001	**MW-17**	EPA 8260	MSV/13977		
10123027002	**MW-18**	EPA 8260	MSV/13966		
10123027003	**DPE-1**	EPA 8260	MSV/13971		
10123027004	**DPE-2**	EPA 8260	MSV/13966		
10123027005	**DPE-3**	EPA 8260	MSV/13966		
10123027006	**DPE-4**	EPA 8260	MSV/13966		
10123027007	**DPE-5**	EPA 8260	MSV/13966		
10123027008	**DPE-6**	EPA 8260	MSV/13971		
10123027009	**DPE-7**	EPA 8260	MSV/13971		
10123027010	**DPE-8**	EPA 8260	MSV/13966		
10123027011	**MW-15**	EPA 8260	MSV/13971		
10123027012	**MW-16**	EPA 8260	MSV/13977		
10123027013	**MW-19**	EPA 8260	MSV/13971		
10123027014	**MW-20**	EPA 8260	MSV/13971		
10123027015	**MW-14**	EPA 8260	MSV/13971		
10123027016	**TRIP BLANK**	EPA 8260	MSV/13971		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10123027

Page: of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Landmark Environmental	Report To: Jason Skramstad	Attention: Jason Skramstad
Address: 2042 W. 98th Street	Copy To: Eric Gabrielson	Company Name: Landmark Environmental, LLC
Bloomington, MN 55431		Address: 2042 W. 98th St., Bloomington, MN 55431
Email To: jskramstad@landmarkenv.com	Purchase Order No.:	Pace Quote Reference:
Phone: 952-887-9601, ext 205 Fax: 952-887-9605	Project Name: City of Rochester	Pace Project Manager: Carolynne Trout
Requested Due Date/TAT: Normal	Project Number: CRC	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	AR
AIR	OT
OTHER	TS
TISSUE	

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G+GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis: VOCs	Filtered (Y/N)	Pace Project Number / Lab I.D.
1	MW-17	W	G	2/22/10	17:30				3									X		001
2	MW-18	W	G	2/22/10	18:00				3									X		002
3	DPE-1	W	G	2/22/10	12:30				3									X		003
4	DPE-2	W	G	2/22/10	12:45				3									X		004
5	DPE-3	W	G	2/22/10	13:00				3									X		005
6	DPE-4	W	G	2/22/10	13:15				3									X		006
7	DPE-5	W	G	2/22/10	13:30				3									X		007
8	DPE-6	W	G	2/22/10	13:45				3									X		008
5	DPE-7	W	G	2/22/10	14:00				3									X		009
6	DPE-8	W	G	2/22/10	14:15				3									X		010
7	MW-15	W	G	2/22/10	16:30				3									X		011
8	MW-16	W	G	2/22/10	17:00				3									X		012

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
				2/24/10	1247

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
1.2	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of

Section A — Required Client Information:

Company: Landmark Environmental	
Address: 2042 W. 98th Street	
Bloomington, MN 55431	
Email To: jskramstad@landmarkenv.com	
Phone: 952-887-9601, ext 205	Fax: 952-887-9605
Requested Due Date/TAT: Normal	

Section B — Required Project Information:

Report To: Jason Skramstad
Copy To: Eric Gabrielson
Purchase Order No.:
Project Name: City of Rochester
Project Number: CRC

Section C — Invoice Information:

Attention: Jason Skramstad
Company Name: Landmark Environmental, LLC
Address: 2042 W. 98th St., Bloomington, MN 55431
Pace Quote Reference:
Pace Project Manager: Carolynne Trout
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION: ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D — Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis: EPA 624 VOCs	Pace Project Number / Lab I.D.
1	MW-19	W	G	2/23/10	9:30				3									X	013
2	MW-20	W	G	2/23/10	10:00				3									X	014
3	MW-14	W	G	2/23/10	9:00				3									X	015
4																			016
5																			
6																			
7																			
8																			
5																			
6																			
7																			
8																			

Filtered (Y/N)

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
			PACE	2/24/10	1217

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
1.2	(N)	(N)	(N)
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

F:\PROJECTS\Crc-City of Rochester\Analytical Reports\coc 2-24-10_2.XLS

Sample Condition Upon Receipt

Pace Analytical

Client Name: Landmark Project # 10123027

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

Tracking #: _____

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

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____ Temp Blank: Yes ✓ No _____

Thermometer Used 80344042 or 179425 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 2 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 2/24/10 SM

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. TB not on the COC
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing acid/base preservation have been checked. Noncompliance are noted in 13.	☐Yes ☐No ☐N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	Samp #
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☐Yes ☐No	Initial when completed: AH Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	15. TB have HS
Trip Blank Present:	☑Yes ☐No ☐N/A	16. 2 projects in set of TB
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	2 TBs
Pace Trip Blank Lot # (if purchased): 070907-3		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 2/25/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina Office, Inc.

F-L213Rev.00, 05Aug2009

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

March 05, 2010

Mr. Jason Skramstad
Landmark Environmental
2042 W. 98th. St.
Minneapolis, MN 55431

RE: Project: CITY OF ROCHESTER
Pace Project No.: 10123012

Dear Mr. Skramstad:
Enclosed are the analytical results for sample(s) received by the laboratory on February 24, 2010. 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,

Carolynne Trout

Carolynne Trout

carolynne.trout@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

Minnesota Certification IDs

1700 Elm Street SE, Suite 200 Minneapolis, MN 55414
Alaska Certification #: UST-078
Washington Certification #: C754
Tennessee Certification #: 02818
Pennsylvania Certification #: 68-00563
Oregon Certification #: MN200001
North Dakota Certification #: R-036
North Carolina Certification #: 530
New York Certification #: 11647
New Jersey Certification #: MN-002
Montana Certification #: MT CERT0092
Minnesota Certification #: 027-053-137
Michigan DEQ Certification #: 9909
Maine Certification #: 2007029
Louisiana Certification #: LA080009
Louisiana Certification #: 03086
Kansas Certification #: E-10167
Iowa Certification #: 368
Illinois Certification #: 200011
Florida/NELAP Certification #: E87605
California Certification #: 01155CA
Arizona Certification #: AZ-0014
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10123012001	**DPE-EXHAUST-1037**	Air	02/22/10 18:00	02/24/10 14:41

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SAMPLE ANALYTE COUNT

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10123012001	**DPE-EXHAUST-1037**	TO-15	LCW	57

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ANALYTICAL RESULTS

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

Sample: DPE-EXHAUST-1037 **Lab ID: 10123012001** Collected: 02/22/10 18:00 Received: 02/24/10 14:41 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**35.0**	ppbv	0.87	1.59		03/03/10 00:04	67-64-1	
Benzene	ND	ppbv	0.83	1.59		03/03/10 00:04	71-43-2	
Bromodichloromethane	ND	ppbv	0.81	1.59		03/03/10 00:04	75-27-4	
Bromoform	ND	ppbv	0.83	1.59		03/03/10 00:04	75-25-2	
Bromomethane	ND	ppbv	0.81	1.59		03/03/10 00:04	74-83-9	
1,3-Butadiene	ND	ppbv	0.83	1.59		03/03/10 00:04	106-99-0	
2-Butanone (MEK)	**4.3**	ppbv	0.87	1.59		03/03/10 00:04	78-93-3	
Carbon disulfide	ND	ppbv	0.80	1.59		03/03/10 00:04	75-15-0	
Carbon tetrachloride	ND	ppbv	0.81	1.59		03/03/10 00:04	56-23-5	
Chlorobenzene	ND	ppbv	0.83	1.59		03/03/10 00:04	108-90-7	
Chloroethane	ND	ppbv	0.81	1.59		03/03/10 00:04	75-00-3	
Chloroform	**3.1**	ppbv	0.81	1.59		03/03/10 00:04	67-66-3	
Chloromethane	ND	ppbv	0.80	1.59		03/03/10 00:04	74-87-3	
Cyclohexane	**4.1**	ppbv	0.83	1.59		03/03/10 00:04	110-82-7	
Dibromochloromethane	ND	ppbv	0.84	1.59		03/03/10 00:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ppbv	0.83	1.59		03/03/10 00:04	106-93-4	
1,2-Dichlorobenzene	ND	ppbv	0.81	1.59		03/03/10 00:04	95-50-1	
1,3-Dichlorobenzene	ND	ppbv	0.81	1.59		03/03/10 00:04	541-73-1	
1,4-Dichlorobenzene	ND	ppbv	0.81	1.59		03/03/10 00:04	106-46-7	
Dichlorodifluoromethane	ND	ppbv	0.81	1.59		03/03/10 00:04	75-71-8	
1,1-Dichloroethane	ND	ppbv	0.83	1.59		03/03/10 00:04	75-34-3	
1,2-Dichloroethane	ND	ppbv	0.83	1.59		03/03/10 00:04	107-06-2	
1,1-Dichloroethene	**1.9**	ppbv	0.83	1.59		03/03/10 00:04	75-35-4	
cis-1,2-Dichloroethene	**49.1**	ppbv	0.83	1.59		03/03/10 00:04	156-59-2	E
trans-1,2-Dichloroethene	ND	ppbv	1.6	1.59		03/03/10 00:04	156-60-5	
1,2-Dichloropropane	**1.5**	ppbv	0.83	1.59		03/03/10 00:04	78-87-5	
cis-1,3-Dichloropropene	ND	ppbv	0.81	1.59		03/03/10 00:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ppbv	0.83	1.59		03/03/10 00:04	10061-02-6	
Dichlorotetrafluoroethane	ND	ppbv	0.91	1.59		03/03/10 00:04	76-14-2	
Ethyl acetate	ND	ppbv	0.81	1.59		03/03/10 00:04	141-78-6	
Ethylbenzene	ND	ppbv	0.83	1.59		03/03/10 00:04	100-41-4	
4-Ethyltoluene	ND	ppbv	0.84	1.59		03/03/10 00:04	622-96-8	
n-Heptane	ND	ppbv	0.83	1.59		03/03/10 00:04	142-82-5	
Hexachloro-1,3-butadiene	ND	ppbv	0.80	1.59		03/03/10 00:04	87-68-3	
n-Hexane	**37.7**	ppbv	0.84	1.59		03/03/10 00:04	110-54-3	
2-Hexanone	ND	ppbv	0.87	1.59		03/03/10 00:04	591-78-6	
Methylene Chloride	ND	ppbv	0.83	1.59		03/03/10 00:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ppbv	0.87	1.59		03/03/10 00:04	108-10-1	
Methyl-tert-butyl ether	ND	ppbv	1.6	1.59		03/03/10 00:04	1634-04-4	
Propylene	ND	ppbv	3.2	1.59		03/03/10 00:04	115-07-1	
Styrene	ND	ppbv	0.87	1.59		03/03/10 00:04	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ppbv	0.83	1.59		03/03/10 00:04	79-34-5	
Tetrachloroethene	**249000**	ppbv	2120	4070.4		03/05/10 03:30	127-18-4	A3,E
Tetrahydrofuran	**15.2**	ppbv	0.83	1.59		03/03/10 00:04	109-99-9	
Toluene	**32.4**	ppbv	0.83	1.59		03/03/10 00:04	108-88-3	
1,2,4-Trichlorobenzene	ND	ppbv	0.83	1.59		03/03/10 00:04	120-82-1	
1,1,1-Trichloroethane	**11.0**	ppbv	0.83	1.59		03/03/10 00:04	71-55-6	L1

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

Sample: DPE-EXHAUST-1037 **Lab ID: 10123012001** Collected: 02/22/10 18:00 Received: 02/24/10 14:41 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
1,1,2-Trichloroethane	ND	ppbv	0.83	1.59		03/03/10 00:04	79-00-5	
Trichloroethene	**21.3**	ppbv	0.83	1.59		03/03/10 00:04	79-01-6	
Trichlorofluoromethane	ND	ppbv	0.80	1.59		03/03/10 00:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	**82700**	ppbv	2120	4070.4		03/05/10 03:30	76-13-1	A3
1,2,4-Trimethylbenzene	ND	ppbv	0.81	1.59		03/03/10 00:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ppbv	0.83	1.59		03/03/10 00:04	108-67-8	
Vinyl acetate	ND	ppbv	0.87	1.59		03/03/10 00:04	108-05-4	
Vinyl chloride	ND	ppbv	0.81	1.59		03/03/10 00:04	75-01-4	
m&p-Xylene	ND	ppbv	1.6	1.59		03/03/10 00:04	1330-20-7	
o-Xylene	ND	ppbv	0.83	1.59		03/03/10 00:04	95-47-6	

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Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

QC Batch: AIR/9841 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR
Associated Lab Samples: 10123012001

METHOD BLANK: 754304 Matrix: Air
Associated Lab Samples: 10123012001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ppbv	ND	0.52	03/02/10 17:12	
1,1,2,2-Tetrachloroethane	ppbv	ND	0.52	03/02/10 17:12	
1,1,2-Trichloroethane	ppbv	ND	0.52	03/02/10 17:12	
1,1,2-Trichlorotrifluoroethane	ppbv	ND	0.52	03/02/10 17:12	
1,1-Dichloroethane	ppbv	ND	0.52	03/02/10 17:12	
1,1-Dichloroethene	ppbv	ND	0.52	03/02/10 17:12	
1,2,4-Trichlorobenzene	ppbv	ND	0.52	03/02/10 17:12	
1,2,4-Trimethylbenzene	ppbv	ND	0.51	03/02/10 17:12	
1,2-Dibromoethane (EDB)	ppbv	ND	0.52	03/02/10 17:12	
1,2-Dichlorobenzene	ppbv	ND	0.51	03/02/10 17:12	
1,2-Dichloroethane	ppbv	ND	0.52	03/02/10 17:12	
1,2-Dichloropropane	ppbv	ND	0.52	03/02/10 17:12	
1,3,5-Trimethylbenzene	ppbv	ND	0.52	03/02/10 17:12	
1,3-Butadiene	ppbv	ND	0.52	03/02/10 17:12	
1,3-Dichlorobenzene	ppbv	ND	0.51	03/02/10 17:12	
1,4-Dichlorobenzene	ppbv	ND	0.51	03/02/10 17:12	
2-Butanone (MEK)	ppbv	ND	0.55	03/02/10 17:12	
2-Hexanone	ppbv	ND	0.55	03/02/10 17:12	
4-Ethyltoluene	ppbv	ND	0.53	03/02/10 17:12	
4-Methyl-2-pentanone (MIBK)	ppbv	ND	0.55	03/02/10 17:12	
Acetone	ppbv	ND	0.55	03/02/10 17:12	
Benzene	ppbv	ND	0.52	03/02/10 17:12	
Bromodichloromethane	ppbv	ND	0.51	03/02/10 17:12	
Bromoform	ppbv	ND	0.52	03/02/10 17:12	
Bromomethane	ppbv	ND	0.51	03/02/10 17:12	
Carbon disulfide	ppbv	ND	0.50	03/02/10 17:12	
Carbon tetrachloride	ppbv	ND	0.51	03/02/10 17:12	
Chlorobenzene	ppbv	ND	0.52	03/02/10 17:12	
Chloroethane	ppbv	ND	0.51	03/02/10 17:12	
Chloroform	ppbv	ND	0.51	03/02/10 17:12	
Chloromethane	ppbv	ND	0.50	03/02/10 17:12	
cis-1,2-Dichloroethene	ppbv	ND	0.52	03/02/10 17:12	
cis-1,3-Dichloropropene	ppbv	ND	0.51	03/02/10 17:12	
Cyclohexane	ppbv	ND	0.52	03/02/10 17:12	
Dibromochloromethane	ppbv	ND	0.53	03/02/10 17:12	
Dichlorodifluoromethane	ppbv	ND	0.51	03/02/10 17:12	
Dichlorotetrafluoroethane	ppbv	ND	0.57	03/02/10 17:12	
Ethyl acetate	ppbv	ND	0.51	03/02/10 17:12	
Ethylbenzene	ppbv	ND	0.52	03/02/10 17:12	
Hexachloro-1,3-butadiene	ppbv	ND	0.50	03/02/10 17:12	
m&p-Xylene	ppbv	ND	1.0	03/02/10 17:12	
Methyl-tert-butyl ether	ppbv	ND	1.0	03/02/10 17:12	
Methylene Chloride	ppbv	ND	0.52	03/02/10 17:12	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

METHOD BLANK: 754304 Matrix: Air

Associated Lab Samples: 10123012001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
n-Heptane	ppbv	ND	0.52	03/02/10 17:12	
n-Hexane	ppbv	ND	0.53	03/02/10 17:12	
o-Xylene	ppbv	ND	0.52	03/02/10 17:12	
Propylene	ppbv	ND	2.0	03/02/10 17:12	
Styrene	ppbv	ND	0.55	03/02/10 17:12	
Tetrachloroethene	ppbv	ND	0.52	03/02/10 17:12	
Tetrahydrofuran	ppbv	ND	0.52	03/02/10 17:12	
Toluene	ppbv	ND	0.52	03/02/10 17:12	
trans-1,2-Dichloroethene	ppbv	ND	1.0	03/02/10 17:12	
trans-1,3-Dichloropropene	ppbv	ND	0.52	03/02/10 17:12	
Trichloroethene	ppbv	ND	0.52	03/02/10 17:12	
Trichlorofluoromethane	ppbv	ND	0.50	03/02/10 17:12	
Vinyl acetate	ppbv	ND	0.55	03/02/10 17:12	
Vinyl chloride	ppbv	ND	0.51	03/02/10 17:12	

LABORATORY CONTROL SAMPLE: 754305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ppbv	10	14.1	141	60-125	L1
1,1,2,2-Tetrachloroethane	ppbv	10	9.6	96	57-127	
1,1,2-Trichloroethane	ppbv	10	8.7	87	56-125	
1,1,2-Trichlorotrifluoroethane	ppbv	10	9.6	96	52-133	
1,1-Dichloroethane	ppbv	10	9.2	92	54-127	
1,1-Dichloroethene	ppbv	10	8.9	89	52-129	
1,2,4-Trichlorobenzene	ppbv	10	10.1	101	30-150	
1,2,4-Trimethylbenzene	ppbv	10	9.9	99	52-145	
1,2-Dibromoethane (EDB)	ppbv	10	9.1	91	59-133	
1,2-Dichlorobenzene	ppbv	10	10.1	101	67-135	
1,2-Dichloroethane	ppbv	10	9.2	92	54-125	
1,2-Dichloropropane	ppbv	10	8.5	85	64-125	
1,3,5-Trimethylbenzene	ppbv	10	9.5	95	56-135	
1,3-Butadiene	ppbv	10	8.4	84	55-125	
1,3-Dichlorobenzene	ppbv	10	9.7	97	61-142	
1,4-Dichlorobenzene	ppbv	10	9.5	95	55-142	
2-Butanone (MEK)	ppbv	10	10.3	103	47-141	
2-Hexanone	ppbv	10	10.7	107	41-138	
4-Ethyltoluene	ppbv	10	10.2	102	62-130	
4-Methyl-2-pentanone (MIBK)	ppbv	10	9.9	99	53-134	
Acetone	ppbv	10	9.7	97	44-149	
Benzene	ppbv	10	8.5	85	61-126	
Bromodichloromethane	ppbv	10	9.0	90	54-129	
Bromoform	ppbv	10	9.5	95	56-125	
Bromomethane	ppbv	10	8.6	86	56-128	
Carbon disulfide	ppbv	10	8.7	87	58-150	
Carbon tetrachloride	ppbv	10	9.0	90	55-125	

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1700 Elm Street - Suite 200
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QUALITY CONTROL DATA

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

LABORATORY CONTROL SAMPLE: 754305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ppbv	10	8.8	88	48-138	
Chloroethane	ppbv	10	8.7	87	56-128	
Chloroform	ppbv	10	8.8	88	55-125	
Chloromethane	ppbv	10	8.5	85	50-131	
cis-1,2-Dichloroethene	ppbv	10	8.9	89	64-125	
cis-1,3-Dichloropropene	ppbv	10	9.6	96	61-132	
Cyclohexane	ppbv	10	8.4	84	61-130	
Dibromochloromethane	ppbv	10	9.1	91	51-129	
Dichlorodifluoromethane	ppbv	10	8.9	89	56-132	
Dichlorotetrafluoroethane	ppbv	10	8.7	87	48-125	
Ethyl acetate	ppbv	10	9.7	97	66-149	
Ethylbenzene	ppbv	10	9.1	91	56-137	
Hexachloro-1,3-butadiene	ppbv	10	14.1	141	30-150	
m&p-Xylene	ppbv	20	21.8	109	62-135	
Methyl-tert-butyl ether	ppbv	10	9.1	91	59-125	
Methylene Chloride	ppbv	10	12.5	125	46-143	
n-Heptane	ppbv	10	8.7	87	64-130	
n-Hexane	ppbv	10	7.8	78	61-134	
o-Xylene	ppbv	10	10.4	104	61-134	
Propylene	ppbv	10	7.8	78	62-146	
Styrene	ppbv	10	10.1	101	63-134	
Tetrachloroethene	ppbv	10	10.7	107	61-132	
Tetrahydrofuran	ppbv	10	9.4	94	62-137	
Toluene	ppbv	10	12.3	123	57-132	
trans-1,2-Dichloroethene	ppbv	10	8.7	87	52-130	
trans-1,3-Dichloropropene	ppbv	10	9.9	99	61-129	
Trichloroethene	ppbv	10	11.0	110	72-147	
Trichlorofluoromethane	ppbv	10	8.9	89	58-141	
Vinyl acetate	ppbv	10	9.9	99	56-131	
Vinyl chloride	ppbv	10	8.5	85	56-136	

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QUALIFIERS

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

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.

U - Indicates the compound was analyzed for, but not detected.

ANALYTE QUALIFIERS

A3	The sample was analyzed by serial dilution.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CITY OF ROCHESTER
Pace Project No.: 10123012

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10123012001	**DPE-EXHAUST-1037**	TO-15	AIR/9841		

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Landmark Environmental
Phone: 952-887-9601

Lab Project Number: 10123012
Project Name: CITY OF ROCHESTER

Lab Sample No: 10123012001 ProjSampleNum: 10123012001 Date Collected: 02/22/10 18:00
Client Sample ID: DPE-EXHAUST-1037 Matrix: Air Date Received: 02/24/10 14:41

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-15							
1,1,1-Trichloroethane	61	ug/m3	4.6	1.59	03/03/10 0:04 LCW	71-55-6	L1
1,1,2,2-Tetrachloroethane	ND	ug/m3	5.8	1.59	03/03/10 0:04 LCW	79-34-5	
1,1,2-Trichloroethane	ND	ug/m3	4.6	1.59	03/03/10 0:04 LCW	79-00-5	
1,1,2-Trichlorotrifluoroethane	644000	ug/m3	17000	4070.4	03/05/10 3:30 LCW	76-13-1	A3
1,1-Dichloroethane	ND	ug/m3	3.4	1.59	03/03/10 0:04 LCW	75-34-3	
1,1-Dichloroethene	7.66	ug/m3	3.3	1.59	03/03/10 0:04 LCW	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/m3	6.3	1.59	03/03/10 0:04 LCW	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/m3	4	1.59	03/03/10 0:04 LCW	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/m3	6.5	1.59	03/03/10 0:04 LCW	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	5	1.59	03/03/10 0:04 LCW	95-50-1	
1,2-Dichloroethane	ND	ug/m3	3.4	1.59	03/03/10 0:04 LCW	107-06-2	
1,2-Dichloropropane	7.05	ug/m3	3.9	1.59	03/03/10 0:04 LCW	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/m3	4.1	1.59	03/03/10 0:04 LCW	108-67-8	
1,3-Butadiene	ND	ug/m3	1.9	1.59	03/03/10 0:04 LCW	106-99-0	
1,3-Dichlorobenzene	ND	ug/m3	5	1.59	03/03/10 0:04 LCW	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5	1.59	03/03/10 0:04 LCW	106-46-7	
2-Butanone (MEK)	12.9	ug/m3	2.6	1.59	03/03/10 0:04 LCW	78-93-3	
2-Hexanone	ND	ug/m3	3.6	1.59	03/03/10 0:04 LCW	591-78-6	
4-Ethyltoluene	ND	ug/m3	4.2	1.59	03/03/10 0:04 LCW	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	3.6	1.59	03/03/10 0:04 LCW	108-10-1	
Acetone	84.5	ug/m3	2.1	1.59	03/03/10 0:04 LCW	67-64-1	
Benzene	ND	ug/m3	2.7	1.59	03/03/10 0:04 LCW	71-43-2	
Bromodichloromethane	ND	ug/m3	5.5	1.59	03/03/10 0:04 LCW	75-27-4	
Bromoform	ND	ug/m3	8.7	1.59	03/03/10 0:04 LCW	75-25-2	
Bromomethane	ND	ug/m3	3.2	1.59	03/03/10 0:04 LCW	74-83-9	
Carbon disulfide	ND	ug/m3	2.5	1.59	03/03/10 0:04 LCW	75-15-0	
Carbon tetrachloride	ND	ug/m3	5.2	1.59	03/03/10 0:04 LCW	56-23-5	
Chlorobenzene	ND	ug/m3	3.9	1.59	03/03/10 0:04 LCW	108-90-7	
Chloroethane	ND	ug/m3	2.2	1.59	03/03/10 0:04 LCW	75-00-3	
Chloroform	15.4	ug/m3	4	1.59	03/03/10 0:04 LCW	67-66-3	
Chloromethane	ND	ug/m3	1.7	1.59	03/03/10 0:04 LCW	74-87-3	
cis-1,2-Dichloroethene	198	ug/m3	3.3	1.59	03/03/10 0:04 LCW	156-59-2	E
cis-1,3-Dichloropropene	ND	ug/m3	3.7	1.59	03/03/10 0:04 LCW	10061-01-5	
Cyclohexane	14.3	ug/m3	2.9	1.59	03/03/10 0:04 LCW	110-82-7	
Dibromochloromethane	ND	ug/m3	7.3	1.59	03/03/10 0:04 LCW	124-48-1	
Dichlorodifluoromethane	ND	ug/m3	4.1	1.59	03/03/10 0:04 LCW	75-71-8	
Dichlorotetrafluoroethane	ND	ug/m3	6.5	1.59	03/03/10 0:04 LCW	76-14-2	
Ethyl acetate	ND	ug/m3	3	1.59	03/03/10 0:04 LCW	141-78-6	

SUPPLEMENTAL REPORT
Units Conversion Request

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Landmark Environmental
Phone: 952-887-9601

Lab Project Number: 10123012
Project Name: CITY OF ROCHESTER

Ethylbenzene	ND	ug/m3	3.7	1.59	03/03/10 0:04	LCW	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/m3	8.7	1.59	03/03/10 0:04	LCW	87-68-3	
m&p-Xylene	ND	ug/m3	7.1	1.59	03/03/10 0:04	LCW	1330-20-7	
Methylene Chloride	ND	ug/m3	2.9	1.59	03/03/10 0:04	LCW	75-09-2	
Methyl-tert-butyl ether	ND	ug/m3	5.9	1.59	03/03/10 0:04	LCW	1634-04-4	
n-Heptane	ND	ug/m3	3.5	1.59	03/03/10 0:04	LCW	142-82-5	
n-Hexane	135	ug/m3	3	1.59	03/03/10 0:04	LCW	110-54-3	
o-Xylene	ND	ug/m3	3.7	1.59	03/03/10 0:04	LCW	95-47-6	
Propylene	ND	ug/m3	5.6	1.59	03/03/10 0:04	LCW	115-07-1	
Styrene	ND	ug/m3	3.8	1.59	03/03/10 0:04	LCW	100-42-5	
Tetrachloroethene	1720000	ug/m3	15000	4070.4	03/05/10 3:30	LCW	127-18-4	A3, E
Tetrahydrofuran	45.6	ug/m3	2.5	1.59	03/03/10 0:04	LCW	109-99-9	
Toluene	124	ug/m3	3.2	1.59	03/03/10 0:04	LCW	108-88-3	
trans-1,2-Dichloroethene	ND	ug/m3	6.4	1.59	03/03/10 0:04	LCW	156-60-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.8	1.59	03/03/10 0:04	LCW	10061-02-6	
Trichloroethene	116	ug/m3	4.5	1.59	03/03/10 0:04	LCW	79-01-6	
Trichlorofluoromethane	ND	ug/m3	4.6	1.59	03/03/10 0:04	LCW	75-69-4	
Vinyl acetate	ND	ug/m3	3.1	1.59	03/03/10 0:04	LCW	108-05-4	
Vinyl chloride	ND	ug/m3	2.1	1.59	03/03/10 0:04	LCW	75-01-4	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
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Phone: 612.607.1700
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ANALYTICAL RESULTS

Client: Landmark Environmental
Phone: 952-887-9601

Lab Project Number: 10123012
Project Name: CITY OF ROCHESTER

PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit

NC Not Calculable

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

[A3] The sample was analyzed by serial dilution.

[E] Analyte concentration exceeded the calibration range. The reported result is estimated.

[L1] Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10/23012

Page: of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Landmark Environmental	Report To: Jason Skramstad	Attention: Jason Skramstad
Address: 2042 W. 98th Street	Copy To: Eric Gabrielson	Company Name: Landmark Environmental, LLC
Bloomington, MN 55431		Address: 2042 W. 98th St., Bloomington, MN 55431
Email To: jskramstad@landmarkenv.com	Purchase Order No.:	Pace Quote Reference:
Phone: 952-887-9601, ext 205 Fax: 952-887-9605	Project Name: City of Rochester	Pace Project Manager: Carolynne Trout
Requested Due Date/TAT: Normal	Project Number: CRC	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER_____

SITE LOCATION ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL WP
WIPE	AR
AIR	OT
OTHER	TS
TISSUE	

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G+GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis: TO-15	Pace Project Number Lab I.D.
1	DPE-EXHAUST-1037	A	C	2/22/10	12:00	2/22/10	18:00											X	01
2																			
3																			
4																			
5																			
6																			
7																			
8																			
5																			
6																			
7																			
8																			

Filtered (Y/N)

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
			Shannon Jones/Pace	2-24-10	1441	Amb

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

F:\PROJECTS\Crc-City of Rochester\Analytical Reports\coc air 2-22-10.XLS

AIR Sample Condition Upon Receipt

Pace Analytical

Client Name: Landmark Project # 10123012

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace Other_____

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

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

Optional
Proj. Due Date:
Proj. Name:

Tracking #:_____

Date and Initials of person examining contents: BD 2-24-10

		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. no printed name
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.
Media: Air		11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.

Samples Received:

	Canisters		Flow Controllers		Stand Alone G		Tedlar Bags	
	Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
1	DPE Exhaust	1037	PA101	6				

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

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

Project Manager Review: CMD **Date:** 2/25/10

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)

A106 Rev.01 (22May2009)

Attachment C

Site Data Entry Worksheet for Soil Vapor Extraction Systems

Enter site data for up to 5 SVE stacks in yellow cells.

Project Name:		Enter Height of Stack#1 (meters):	Enter Distance from Stack#1 to Nearest Receptor or Property Boundary (in meters, minimum 10):	Enter Measured Gas Flow Rate through Vent Stack#1 (m^3/sec):				
MN Bio Business Center		8	10	0.05				
Date of Emission Test:		STACK 1						
02/22/10		ENTER EMISSION CONCENTRATIONS FOR STACK#1 in Column C						
Chemical Name	**CAS or MPCA#**	Emission concentration stack#1 ug/m^3	Gas flow rate through vent stack#1 m^3/sec	Emission rate stack#1 ug/sec	Emission rate stack#1 lb/hr	Emission rate stack#1 tons/year	Total Annual Emissions (tons/year)	Cumulative Emission Rate (ug/sec)
Acetone	67-64-1	84.5	4.8000E-02	4.0560E+00	3.2191E-05	1.4100E-04	1.4100E-04	4.0560E+00
Chloroform	67-66-3	15.4	4.8000E-02	7.3920E-01	5.8668E-06	2.5696E-05	2.5696E-05	7.3920E-01
Cyclohexane	110-82-7	14.3	4.8000E-02	6.8640E-01	5.4477E-06	2.3861E-05	2.3861E-05	6.8640E-01
Dichloroethylene (1,1-) (Vinylidene chloride)	75-35-4	7.66	4.8000E-02	3.6768E-01	2.9181E-06	1.2781E-05	1.2781E-05	3.6768E-01
Hexane	110-54-3	135	4.8000E-02	6.4800E+00	5.1429E-05	2.2526E-04	2.2526E-04	6.4800E+00
Methyl ethyl ketone (2-Butanone)	78-93-3	12.9	4.8000E-02	6.1920E-01	4.9144E-06	2.1525E-05	2.1525E-05	6.1920E-01
Tetrachloroethylene (Perchloroethylene)	127-18-4	1720000	4.8000E-02	8.2560E+04	6.5525E-01	2.8700E+00	2.8700E+00	8.2560E+04
Toluene	108-88-3	124	4.8000E-02	5.9520E+00	4.7239E-05	2.0691E-04	2.0691E-04	5.9520E+00
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	76-13-1	644000	4.8000E-02	3.0912E+04	2.4534E-01	1.0746E+00	1.0746E+00	3.0912E+04
Trichloroethylene	79-01-6	116	4.8000E-02	5.5680E+00	4.4191E-05	1.9356E-04	1.9356E-04	5.5680E+00
							3.9454E+00	

Site Data Entry Worksheet for Air Stripper Systems

Enter Site Data for up to 5 air strippers in yellow cells.

Site/Project Name: MN Bio Business Center

Emission Test Date: 2/22/2010

Enter Height of Stack: (meters)	Enter Distance from Stack to Nearest Receptor or Property Boundary: (in meters, minimum 10)	Air Stripper#1 influent flow rate [IFR] (liter/sec)
8	10	0.02

		Air Stripper #1								
Chemical Name	**CAS or MPCA#**	Influent Groundwater Concentration [IGC] (ug/L)	Effluent Groundwater Concentration [EGC] (ug/L)	Removal Factor [RF] (dimension less)	Emission Rate [ER = IGC*IFR*RF] (ug/sec)	Emission Rate (lbs/hr)	Emissions Rate (tons/yr)	Cumulative Emission Rate (ug/sec)	Total Annual Emissions (lbs/hr)	Total Annual Emissions (tons/year)
Tetrachloroethylene (Perchloroethylene)	127-18-4	6.96E+01	0.00E+00	1.00	1.25E+00	9.94E-06	4.36E-05	1.25E+00	9.94E-06	4.36E-05
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	76-13-1	2.10E+00	0.00E+00	1.00	3.78E-02	3.00E-07	1.31E-06	3.78E-02	3.00E-07	1.31E-06

Screening Emission Rates (SERs) and Chronic Risk Summary
Based on site inputs provided on Soil Venting Worksheet and Air Stripper Worksheet

Site/Project Name:
MN Bio Business Center

Emission Test Date:
2/22/2010

Chemical Name	CAS # or MPCA #	Chronic Noncancer tox value (ug/m3)	Chronic Cancer tox value (ug/m3)	Annual Disp. Factor ((ug/m3)/g/s)	SER for Chronic Risk (ug/s)	Site Specific Emission Rate (ug/s)	Calculated Conc at Receptor for Chronic Risk (ug/m3)	Site HQ (Noncancer)	ELCR (Cancer)
Acetone	67-64-1	3.00E+04		1230	2.44E+07	4.06E+00	4.99E-03	0.0	
Chloroform	67-66-3	1.00E+02		1230	8.13E+04	7.39E-01	9.09E-04	0.0	
Cyclohexane	110-82-7	6.00E+03		1230	4.88E+06	6.86E-01	8.44E-04	0.0	
Dichloroethylene (1,1-) (Vinylidene chloride)	75-35-4	2.00E+02		1230	1.63E+05	3.68E-01	4.52E-04	0.0	
Hexane	110-54-3	2.00E+03		1230	1.63E+06	6.48E+00	7.97E-03	0.0	
Methyl ethyl ketone (2-Butanone)	78-93-3	5.00E+03		1230	4.07E+06	6.19E-01	7.62E-04	0.0	
Tetrachloroethylene (Perchloroethylene)	127-18-4	1.00E+02	2.00E+01	1230	1.63E+04	8.26E+04	1.02E+02	1.0	**5.1E-05**
Toluene	108-88-3	5.00E+03		1230	4.07E+06	5.95E+00	7.32E-03	0.0	
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	76-13-1			1230		3.09E+04	3.80E+01		
Trichloroethylene	79-01-6	6.00E+02	3.03E+00	1230	2.46E+03	5.57E+00	6.85E-03	0.0	2.3E-08
						Additive Risk:		**1.0**	**5.1E-05**

Screening Emission Rates (SERs) and Acute Risk Summary

Based on site inputs provided on Soil Venting Worksheet and Air Stripper Worksheet

Site/Project Name:
MN Bio Business Center

Emission Test Date:
2/22/2010

***Bolded chemicals are developmental toxicants. The acute toxic values are ceiling values that should not be exceeded.**

Chemical Name	CAS # or MPCA #	Acute toxcity value (ug/m3)	1-hr Disp. Factor ((ug/m3)/g/s)	SER [acute risk] (ug/s)	Site Emission Rate (ug/s)	Calculated Conc at Receptor for Acute Risk (ug/m3)	Site HQ (Noncancer) for acute risk
Acetone	67-64-1		3343		4.06E+00	5.94E-02	
Chloroform	**67-66-3**	**150**	**3343**	**4.49E+04**	**7.39E-01**	**1.08E-02**	0.0
Cyclohexane	110-82-7		3343		6.86E-01	1.01E-02	
Dichloroethylene (1,1-) (Vinylidene chloride)	75-35-4		3343		3.68E-01	5.38E-03	
Hexane	110-54-3		3343		6.48E+00	9.49E-02	
Methyl ethyl ketone (2-Butanone)	78-93-3	10000	3343	2.99E+06	6.19E-01	9.07E-03	0.0
Tetrachloroethylene (Perchloroethylene)	127-18-4	20000	3343	5.98E+06	8.26E+04	1.21E+03	0.1
Toluene	108-88-3	37000	3343	1.11E+07	5.95E+00	8.72E-02	0.0
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	76-13-1		3343		3.09E+04	4.53E+02	
Trichloroethylene	**79-01-6**	**2000**	**3343**	**5.98E+05**	**5.57E+00**	**8.15E-02**	0.0
					Additive Risk:		**0.1**

Risk Evaluation Summary

RASS Version Used: RASS version number = 20060829 - RASS

This worksheet provides a summary of the results of the chronic and acute risk calculations based on site inputs from the Soil Venting and the Air Stripper worksheets. For both chronic and acute risk, an unacceptable risk is indicated in red if the Hazard Index exceeds 1. For chronic risk, an unacceptable risk is also indicated in red if the additive ELCR exceeds 10-5. This worksheet also indicates if levels of any acute developmental toxicants (which are considered ceiling values and should never be exceeded) pose an unacceptable risk.

CHRONIC RISK SUMMARY	
Number of Compounds with Hazard Quotient >1:	**1**
Number of Compounds with Cancer Risk > 10^{-5}	**1**
Noncancer Hazard Index:	**1.0**
Excess Lifetime Cancer Risk (ELCR):	**5.1E-05**

ACUTE RISK SUMMARY	
Number of Compounds with Hazard Quotient >1:	**0**
Hazard Index:	**0.1**

Ceiling Values Exceeded?	
Arsenic	**NO**
Benzene	**NO**
Carbon disulfide	**NO**
Carbon tetrachloride	**NO**
Cellosolve Acetate	**NO**
Chloroform	**NO**
Ethoxyethanol, 2-	**NO**
Ethylbenzene	**NO**
Ethyl chloride	**NO**
Mercury	**NO**
Methoxyethanol, 2-	**NO**
Propylene oxide	**NO**
Trichloroethylene	**NO**