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August 26, 2010

Ms. Erin Brittain
Project Manager
Voluntary Remediation Program
Office of Land Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

Re: **Quarterly Monitoring Progress Report – 2nd Quarter 2010**
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana 46222
IDEM Incident # 0000198
IDEM VRP # 6061202
MUNDELL Project No. M01046

Dear Ms. Brittain:

This *Quarterly Monitoring Progress Report* is being submitted to the Indiana Department of Environmental Management (IDEM) by MUNDELL & ASSOCIATES, INC. (MUNDELL), on behalf of AIMCO, to summarize further site characterization, remediation activities and quarterly monitoring performed from April 1 through June 31, 2010. The following sections provide detailed discussions of the results of this work. All activities were completed on schedule.

GROUNDWATER MONITORING NETWORK SAMPLING

On April 20 - 23, 2010, quarterly groundwater sampling of the existing thirty-eight (38) monitoring wells established with IDEM, and the two (2) additional monitoring wells on the Floral Park Cemetery property was performed. The following constitute this quarterly groundwater monitoring network:

1) *Thirty (30) MUNDELL monitoring wells*: MMW-1S, MMW-2S, MMW-3S, MMW-4D, MMW-5D, MMW-6D, MMW-7S, MMW-8S, MMW-9S, MMW-10S, MMW-11S, MMW-11D, MMW-12S, MMW-13D, MMW-14D, MMW-P-01, MMW-P-02, MMW-P-03S, MMW-P-03D, MMW-P-04, MMW-P-05, MMW-P-06, MMW-P-07,

MMW-P-08, MMW-P-09S, MMW-P-09D, MMW-P-10S, MMW-P-10D and MMW-C-01 and MMW-C-02 (MUNDELL wells on Floral Park Property).

2) *Ten (10) Keramida monitoring wells*: MW-167S, MW-167D, MW-169S, MW-169D, MW-170S, MW-170D, MW-171S, and MW-171D.

MUNDELL also measured static groundwater elevations via an electric oil/water interface probe from the above listed monitoring well network.

During this investigation, monitoring wells MMW-10S and MMW-10D were found to contain black flakes at the top of the water table. Black precipitate in groundwater can indicate the presence of iron reducing bacteria. Limited ferrous iron analyses following the initial CAP 18™ injection in August 2007 indicate slight elevations of ferrous iron concentrations within these monitoring wells, suggesting the black precipitate observed is potentially the byproduct of reductive biotransformation within the aquifer.

All monitoring well sampling, survey and construction data are provided in **Tables 1, 2** and **2a,** respectively, and the potentiometric map is illustrated in **Figure 1**.

The wells were sampled utilizing the dedicated bladder pumps for uniform low-flow purging and sample collection. The Troll 9500 multi-parameter meter (used inline with the dedicated bladder pumps) logs geochemical parameters (temperature, pH, dissolved oxygen, conductivity and oxidation reduction potential), which help remove a minimal but sufficient amount of water (indicated by stabilization of geochemical parameters) to sample the well. The Troll helps assess the geochemical parameters as evidence of conditions naturally conducive to natural attenuation existing in the aquifer. All excess purge water was transported to 55-gallon drums located at the Site for proper disposal. In accordance with IDEM guidelines, the contents in each drum were then identified with a label describing them as non-hazardous materials.

As agreed in the October 29th, 2008 meeting with IDEM and detailed in the *RWP Addendum* November 2008, groundwater samples were submitted to Pace Analytical Laboratories (Pace) in Indianapolis, Indiana for the shorter list of VOC analysis via U.S. EPA SW-846 Method 8260, along with appropriate duplicate (DUP), matrix spike (MS) and matrix spike duplicate (MSD). Groundwater samples were transferred into three 40-milliliter glass sample vials containing the preservative hydrochloric acid (HCl). Groundwater sample vials were sealed in plastic bags and placed in a cooler containing ice and delivered to Pace using appropriate chain-of-custody protocol for laboratory tests. Pace laboratory certificates of analysis for the groundwater samples analyzed are presented in **Appendix A**.

Baseline groundwater geochemical parameters (pH, dissolved oxygen, oxidation-reduction potential, conductivity and temperature) were measured with a low-flow cell and multi-parameter water quality probe in the post-injection period to evaluate whether aquifer conditions continue to be favorable for natural attenuation of the indicator compounds at the Site.

Aquifer chemical parameter testing has been performed in the past and will be scheduled based on the observed response and remedial status in each plume area going forward. Additional aquifer parameters including methane, ethene and ethane are periodically analyzed to evaluate indicator compound breakdown and redox-sensitivity. In addition, volatile fatty acids (VFA) will also be tested periodically to evaluate substrate distribution and lifetime duration of the product. These samples will be collected in select monitoring wells representative of each plume to monitor the presence of residual CAP 18™ in the aquifer and to provide additional monitoring of aquifer conditions. Methane, ethane and ethene long with VFA sampling is scheduled for completion during the third quarter of 2010.

GROUNDWATER ANALYTICAL RESULTS

Groundwater analytical testing results for this quarter are summarized in **Table 3** and presented on **Figure 2.** Two (2) out of the forty (40) monitoring wells sampled this quarter (MMW-1S and MMW-P-01) showed PCE concentrations exceeding the IDEM RISC Industrial Default Closure Level (IDEM RISC IDCL). Four (4) monitoring wells (MMW-P-02, MMW-P-03, MW-168S, and MMW-C-01) demonstrated PCE concentrations exceeding the IDEM RISC Residential Default Closure Level (IDEM RISC RDCL) but below the IDCL. The historical groundwater results are included in **Table 4**. The historical indicator compounds trends in groundwater are presented in **Figure 3.**

One (1) of the monitoring wells (MMW-P-01) showed TCE concentrations exceeding the IDEM RISC IDCL, with six (6) monitoring well (MMW-1S, MMW-10S, MMW-P-02, MMW-P-03S, MMW-P-07, and MMW-168S) exhibiting a level exceeding the RDCL, but below the IDCL.

Four (4) monitoring wells (MMW-5D, MMW-9S, MMW-P-01 and MMW-P-07) showed cis-1,2-DCE concentrations exceeding the IDEM RISC IDCL. Eight (8) monitoring wells (MMW-4D, MMW-10S, MMW-11D, MMW-13D, MMW-14D, MMW-P-03S, MMW-P-04 and MMW-C-01) exhibited cis-1,2-DCE concentrations exceeding the RDCL, but below the IDCL.

Twenty-five (25) monitoring wells (MMW-4D, MMW-5D, MMW-6D, MMW-8S, MMW-9S, MMW-10S, MMW-13D, MMW-14D, MMW-P-01, MMW-P-02, MMW-P-03S, MMW-P-03D, MMW-P-04, MMW-P-06, MMW-P-07, MMW-P-08, MMW-P-09D, MMW-P-10S, MMW-P-10D, MW-167D, MW-168D, MW-169D, MW-170D, MW-171D, and MMW-C-01) showed vinyl chloride concentrations exceeding the IDEM RISC IDCL. No monitoring wells exhibited vinyl chloride concentrations exceeding the RDCL.

The deep monitoring wells MMW-13D and MMW-14D exhibited significant cis-1,2-DCE and exceedances above the RDCL and vinyl exceedances above IDCL during this quarter (see **Figure 3**). Since these wells have been purposefully located upgradient of *Source Areas B* and *C*, the impacts observed in these areas demonstrate groundwater impacts that are attributable to other upgradient, off-site sources and not to Michigan Plaza. As seen on **Figure 3** the indicator compound concentrations at these deep, upgradient wells can be considered as "background levels" defined as the concentration of contaminants from the Genuine source coming into the

deeper aquifer in this area. These indicator compound levels aid in discerning between the Michigan Plaza source impacts and the Genuine Site impacts, and will ultimately be used to evaluate the target cleanup levels for the deeper aquifer at the Site.

The indicator compound trends demonstrated at the northern wells (MMW-3S, MMW-4D, MMW-5D, MMW-6D and MMW-7S) at Michigan Apartments are attached in **Appendix C**. The vinyl chloride concentrations coming onsite from the upgradient sources are still well above the RISC IDCLs in most of the northern wells (at the northern fence line) indicating that the remediation at the upgradient property will require multiple additional years to achieve acceptable cleanup levels.

IN-SITU BIOREMEDIATION PROGRESS

Based upon the 1) extent and severity of the indicator compound concentrations and trends, 2) site-specific operational constraints and uses, 3) geochemical and physical characteristics of the aquifer, and 4) economic factors, in-situ bioremediation with CAP18™ (an enhanced, food-grade vegetable oil product), followed by Monitored Natural Attenuation (MNA) is the selected remediation technology for the Site for treating groundwater, as detailed in the *RWP*. The initial CAP18™ injection was performed in all the three source areas in August 2007 using a direct push Geoprobe system. Locations and spacing of the injection points were designed to address the sewer line related *Chemical Source Areas* and provide injection locations in each *Chemical Source Area* that upon migration downgradient in the direction of groundwater flow, are expected to remediate the most significant groundwater impacts. A booster CAP18™ injection was performed in February 2009 to aggressively treat some areas where the chemical concentrations have begun to stabilize or are decreasing at a slow rate. During this quarter, no additional CAP 18™ injections have been performed; however, technical evaluation of the need for a final injection is being completed this quarter for selected chemical source areas.

Indicator Chemical Trends

A group of monitoring wells from the sampling network is utilized to monitor dissolved indicator compound concentration trends over time at various locations within the heart of the three *Chemical Source Areas*. Graphs of historical PCE, TCE, cis-1,2-DCE and vinyl chloride concentrations are developed for the following monitoring wells:

Source Area A: MMW-P-03D
Source Area B: MMW-P-01, MMW-P-07, MMW-P-08 and MMW-8S
Source Area C: MMW-1S, MMW-9S and MMW-10S

Figures 3 and **4** illustrate the changes in the chlorinated solvents concentrations demonstrating reductive dechlorination as a result of the CAP 18™ remediation implementation. To illustrate the effect of the CAP 18™ injection on dissolved chlorinated concentrations, injection dates are included on the graphs.

PCE impacts in ***Source Area A*** (MMW-P-03D) appear to have a decreasing trend, and vinyl chloride demonstrated an increasing trend after the second round of CAP 18™ injection in February 2009. In addition a slight increase in cis-1,2-DCE was observed during this quarter. Both cis-1,2-DCE and vinyl chloride concentration trends are indicative of continued reductive dechlorination (indicating further breakdown of parent compounds) in ***Source Area A*.**

PCE and TCE impacts in the ***Source Area B*** have displayed decreasing trends, with corresponding increases in the cis-1,2-DCE and vinyl chloride (MMW-P-01 and MMW-P-07) concentrations this quarter. This is indicative of reductive dechlorination in ***Source Area B***.

Monitoring well locations near ***Source Area C*** (MMW-1S, MMW-9S and MMW-10S) appear to indicate downgradient migration of CAP 18™. At well locations MMW-9S and MMW-10S reductive dechlorination processes appear to have slowed. Concentrations of cis-1,2-DCE and vinyl chloride have stabilized and PCE was not detected in either location this quarter.

MMW-1S, the monitoring well location immediately downgradient of ***Source Area C*** and the February 2009 CAP 18™ injection points, had detectable concentrations of cis-1,2-DCE and also exhibited an increase in PCE concentrations for this quarter. These trends indicate reductive dechlorination processes have slowed. The CAP 18™ has likely migrated downgradient of this location and, as such, reductive dechlorination is no longer being supported.

Daughter product trends at MMW-1S, MMW-9S and MMW-10S suggest the apparent downgradient movement of CAP 18™. Locations near ***Source Area C*** (MMW-1S) showed an initial reductive dechlorination response which has gradually slowed. Further downgradient wells (MMW-9S and MMW-10S) show evidence that reductive dechlorination processes are ongoing. Based on the increase in PCE concentration noted at MMW-1S, MUNDELL is considering an additional CAP 18™ injection that will provide additional support to reductive dechlorination processes that have slowed in some areas or ceased immediately downgradient of ***Source Area C***. The analytical results are attached in **Appendix A**.

Thus, an overall decreasing trend in PCE and TCE concentrations (in some areas achieving nondetectable concentrations), and an increase in the daughter product concentrations (indicating breakdown of parent compounds via reductive dechlorination) has occurred significantly since the injections in the ***Source Areas A, B*** and ***C*** in August 2007 and February 2009. Because these processes appear to have slowed over the last several quarters, additional CAP 18™ injections are under consideration.

INDOOR AIR MITIGATION SYSTEMS PERFORMANCE

Four sub-floor slab depressurization units were installed by *Air Quality Control (AQC)* under the oversight of MUNDELL in September 2006. Three additional sub-floor slab depressurization units were installed by AQC under the oversight of MUNDELL on March 19 and 26, 2008.

Unit/blowers were installed in the following spaces at Michigan Plaza: 1) the Village Pantry (B1), 2) the former Handicap Space (B2), 3) the Mexican Store (B3), and 4) the Laundromat (B4). The systems installed at the Michigan Apartments are: Building No. 1, Basement Apartment 101 (B5), Building No. 6, Basement Apartment 602 (B6), and Building No. 10, Basement Apartment 1001 (B7). The system locations are illustrated in **Figure 5**.

Since the time of installation, system stack air samples were collected weekly for a few weeks followed by bi-weekly sampling for a month, monthly for a quarter and then on a quarterly basis thereafter. PID readings have also been concurrently measured in each of the stacks. The historical PCE concentration trends and cumulative pounds of PCE and total contaminants removed by each of the systems (B1 through B7) are summarized in **Figures 6** through **14.**

As of the second quarter of 2010, approximately *13.19 pounds* of PCE and *15.84 pounds* of total chlorinated solvents have been removed at the *Michigan Apartments property* (sub slab depressurization systems **B5, B6** and **B7**); and approximately *87.49 pounds* of PCE and *93.5 pounds* of total chlorinated solvents have been removed at the *Michigan Plaza property* (sub slab depressurization systems **B1, B2, B3** and **B4)**. The associated calculations are provided in **Appendix B.** A concentration of half the PQL (practical quantitation limit) is assumed for the indicator compounds demonstrating concentrations below the laboratory PQL with the exception of vinyl chloride where an average concentration of 0.15 PPMV (derived from the J flag values for VC concentrations below PQL) is used for calculation purposes.

We appreciate the opportunity to update IDEM on the progress of remedial activities and monitoring at the Site. If you have any questions, please do not hesitate to contact us at (317) 630-9060 or via email (jmundell@MundellAssociates.com; swebb@MundellAssociates.com).

Sincerely,

MUNDELL & ASSOCIATES, INC.

Sarah E. Webb, L.P.G.
Project Hydrogeoloist

John A. Mundell, P.E., L.P.G.
President/Senior Environmental Consultant

Attachments: Tables
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cc: Mr. Peter Cappel, AIMCO

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APPENDICES

Appendix A. Lab Analytical Results

Appendix B. Air Mitigation Systems: Pounds of Contaminants Removed

Appendix C. Indicator Compound Trends at the Northern Wells

TABLES

Table 1
Tabulated Water Level Measurements
Quarter 2 (2010)
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Monitoring Well	Date of Water Level	Top of Casing Elevation (feet MSL)	Total Depth (feet)	Depth To Water (feet)	Groundwater Elevation (feet MSL)
On-Site Monitoring Wells					
MMW-P-01	4/20/2010	714.903	28	18.80	696.10
MMW-P-02	4/20/2010	715.686	30	19.72	695.97
MMW-P-03S	4/20/2010	715.6	28	19.65	695.95
MMW-P-03D	4/20/2010	715.582	35	19.63	695.95
MMW-P-04	4/20/2010	715.492	28	19.56	695.93
MMW-P-05	4/20/2010	715.17	28	19.16	696.01
MMW-P-06	4/20/2010	715.721	28	19.72	696.00
MMW-P-07	4/20/2010	714.471	28	18.07	696.40
MMW-P-08	4/20/2010	714.142	28	17.74	696.40
MMW-P-10S	4/20/2010	713.941	28	17.69	696.25
MMW-P-10D	4/20/2010	714.05	38	17.95	696.10
Off-Site Monitoring Well (Olin-Cossell ROW)					
MMW-P-09S	4/20/2010	714.447	28	19.47	694.98
MMW-P-09D	4/20/2010	714.394	45	19.44	694.95
Off-Site Monitoring Wells (Keramida)					
MW-167S	4/20/2010	716.25	22	19.43	696.82
MW-167D	4/20/2010	716.25	33	18.61	697.64
MW-168S	4/20/2010	714.79	22	17.91	696.88
MW-168D	4/20/2010	714.71	31	17.81	696.9
MW-169S	4/20/2010	715.95	25	19.70	696.25
MW-169D	4/20/2010	715.23	37	19.78	695.45
MW-170S	4/20/2010	717.40	27	20.41	696.99
MW-170D	4/20/2010	717.34	39	20.34	697
MW-171S	4/20/2010	711.83	22	15.59	696.24
MW-171D	4/20/2010	711.88	49	15.95	695.93
Off-Site Monitoring Wells (Michigan Meadows Apartments)					
MMW-1S	4/20/2010	712.54	20	15.91	696.63
MMW-2S	4/20/2010	712.588	20	TOP OF PUMP	NS
MMW-3S	4/20/2010	709.763	30	12.7	697.063
MMW-4D	4/20/2010	710.877	66	13.69	697.187
MMW-5D	4/20/2010	710.852	51	13.48	697.372
MMW-6D	4/20/2010	711.971	51	14.51	697.461
MMW-7S	4/20/2010	711.64	26	14.1	697.54
MMW-8S	4/20/2010	713.81	24	16.88	696.93
MMW-9S	4/20/2010	713.249	25	17.16	696.089
MMW-10S	4/20/2010	713.23	25	16.06	697.17
MMW-11S	4/20/2010	713.69	33	15.86	697.83
MMW-11D	4/20/2010	713.64	33	16.03	697.61
MMW-12S	4/20/2010	712.82	24	15.25	697.57
MMW-13D	4/20/2010	712.884	50	15.81	697.074
MMW-14D	4/20/2010	711.77	50	15.02	696.75
Monitoring Wells Installed 2008					
MW-C-01	4/20/2010	715.272	28	19.4	695.872
MW-C-02	4/20/2010	714.22	28	18.8	695.42

Table 2
Monitoring Well Construction Summary
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Monitoring Well	Date Installed	Date of Water Level	*Top of Casing Elevation (feet MSL)	Total Depth (feet)	Screened Interval (feet)	Depth To Water (feet)	Groundwater Elevation (feet MSL)
MMW-P-01	09/28/05	9/19/07	715.79	28.00	18.00 - 28.00	19.69	696.10
MMW-P-02	09/27/05	9/19/07	716.70	30.00	20.00 - 30.00	20.90	695.80
MMW-P-03S	09/26/05	9/19/07	716.55	28.00	18.00 - 28.00	20.79	695.76
MMW-P-03D	09/27/05	9/19/07	716.45	35.00	25.00 - 35.00	20.63	695.82
MMW-P-04	09/26/05	9/19/07	716.27	28.00	18.00 - 28.00	20.49	695.78
MMW-P-05	09/26/05	9/19/07	716.12	28.00	18.00 - 28.00	20.14	695.98
MMW-P-06	09/28/05	9/19/07	716.50	28.00	18.00 - 28.00	20.57	695.93
MMW-P-07	01/11/07	9/19/07	715.30	28.00	18.00 - 28.00	18.84	696.46
MMW-P-08	01/11/07	9/19/07	715.22	28.00	18.00 - 28.00	18.61	696.61
MMW-P-09S	01/29/07	9/19/07	715.36	28.00	18.00 - 28.00	20.17	695.19
MMW-P-09D	05/31/07	9/19/07	715.21	45.00	35.00 - 45.00	20.35	694.86
MMW-P-10S	06/01/07	9/19/07	714.59	28.00	18.00 - 28.00	18.30	696.29
MMW-P-10D	06/01/07	9/19/07	714.98	38.00	28.00 - 38.00	18.69	696.29

Note: The top of casing elevation for each well was determined assuming a surveyed top of casing elevation of 712.54 ft elevation given in the Keramida Phase II Investigation Report dated March 2002 for well MW-165S (located along Michigan Meadows Apartments northern property line) and a surveyed top of casing elevation of 711.88 ft for well MW-171D located east-southeast of Michigan Plaza on Olin Avenue.

Table 2a
Monitoring Well Construction Summary
Michigan Apartments
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Monitoring Well	Date Installed	Date of Water Level	*Top of Casing Elevation (feet MSL)	Total Depth (feet)	Screened Interval (feet)	Depth To Water (feet)	Groundwater Elevation (feet MSL)
MMW-1S	8/20/04	9/19/07	713.66	20.00	10.00 - 20.00	16.36	697.30
MMW-8S	1/11/07	9/19/07	714.75	24.00	14.00 - 24.00	17.41	697.34
MMW-9S	1/12/07	9/19/07	714.09	25.00	15.00 - 25.00	17.45	696.64
MMW-10S	1/12/07	9/19/07	713.23	25.00	15.00 - 25.00	16.17	697.06
MMW-11D	5/31/07	9/19/07	713.69	33.00	23.00 - 33.00	16.43	697.26
MMW-11S	11/26/08	NM	713.64	24.00	14.00 - 24.00	NM	NA
MMW-12S	11/26/08	NM	712.82	28.00	18.00 - 28.00	NM	NA
MMW-13D	11/21/08	NM	713.53	50.00	35.00 - 50.00	NM	NA
MMW-14D	12/10/08	NM	712.61	50.00	40.00 - 50.00	NM	NA

Note: The top of casing elevation for each well was determined assuming a surveyed top of casing elevation of 712.54 ft elevation given in the Keramida Phase II Investigation Report dated March 2002 for well MW-165S (located along Michigan Meadows Apartments northern property line) and a surveyed top of casing elevation of 711.88 ft for well MW-171D located east-southeast of Michigan Plaza on Olin Avenue.

NM: Not Measured

NA: Not Available

Table 3
Monitoring Well Groundwater Analytical Results
Quarter 2 (2010)
Michigan Plaza
Indianapolis, Indiana
MUNDELL Job No.: M01046

Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Monitoring Wells (Apts)							
MMW-1S	4/22/2010	**206**	**14.7**	<5.0	<5.0	<5.0	<2.0
MMW-2S	4/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-3S	4/20/2010	<5.0	**15.9**	8.0	<5.0	<5.0	<2.0
MMW-4D	4/20/2010	<5.0	<5.0	**719**	<5.0	<5.0	**237**
MMW-5D	4/20/2010	<5.0	<5.0	**943**	<5.0	<5.0	**204**
MMW-6D	4/20/2010	<5.0	<5.0	8.2	<5.0	<5.0	**63.6**
MMW-7S	4/20/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-8S	4/22/2010	<5.0	<5.0	9.0	<5.0	<5.0	**151**
MMW-9S	4/22/2010	<5.0	<5.0	**4,300**	77.1	<5.0	**1,710**
MMW-10S	4/22/2010	<5.0	**7.9**	**165**	<5.0	<5.0	**143**
MMW-11S	4/22/2010	<5.0	<5.0	17.7	<5.0	<5.0	<2.0
MMW-11D	4/22/2010	<5.0	<5.0	**307**	21.8	<5.0	**2.6**
MMW-12S	4/20/2010	<5.0	<5.0	5.3	<5.0	<5.0	<2.0
MMW-13D	4/22/2010	<5.0	<5.0	**469**	<5.0	<5.0	**4.6**
MMW-14D	4/22/2010	<5.0	<5.0	**763**	14.1	<5.0	**72.8**
Monitoring Wells (Plaza)							
MMW-P-01	4/22/2010	**90.5**	**79**	**9,400**	94.7	<50.0	**12,600**
MMW-P-02	4/22/2010	**9.9**	**6.8**	**56**	8.0	<5.0	**110**
MMW-P-03S	4/22/2010	**14.2**	**8.9**	**156**	13.4	<5.0	**377**
MMW-P-03D	4/22/2010	<5.0	<5.0	7.2	<5.0	<5.0	**211**
MMW-P-04	4/21/2010	<5.0	<5.0	**268**	15.8	<5.0	**364**
MMW-P-05	4/22/2010	<5.0	<5.0	8.6	<5.0	<5.0	<2.0
MMW-P-06	4/22/2010	<5.0	<5.0	23.7	8.0	<5.0	**2,470**
MMW-P-07	4/22/2010	<5.0	**7.0**	**1,050**	23.7	<5.0	**2,080**
MMW-P-08	4/22/2010	<5.0	<5.0	45.7	8.1	<5.0	**2,180**
MMW-P-09S	4/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-P-09D	4/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	**76.9**
MMW-P-10S	4/22/2010	<5.0	<5.0	16.2	<5.0	<5.0	**118**
MMW-P-10D	4/22/2010	<5.0	<5.0	30.5	<5.0	<5.0	**364**
Keramida Monitoring Wells (Off-site)							
MMW-167S	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-167D	4/21/2010	<5.0	<5.0	**626**	**22.1**	<5.0	**25.6**
MW-168S	4/21/2010	**14**	**7**	21.9	<5.0	<5.0	<2.0
MW-168D	4/21/2010	<5.0	<5.0	13.2	<5.0	<5.0	**134**
MW-169S	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-169D	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	**6.1**
MMW-170S	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-170D	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	**161**
MMW-171S	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-171D	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	**6.3**
Floral Park Monitoring Wells (Off-site)							
MMW-C-01	4/21/2010	**15.3**	<5.0	**165**	7.1	<5.0	**1,660**
MMW-C-02	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
IDEM RISC Default Industrial Cleanup Level		**55**	**31**	**1,000**	**2,000**	**1,000**	**4**
IDEM RISC Default Residential Cleanup Level		**5**	**5**	**70**	**100**	**80**	**2**

Note:

All Values Over IDEM RISC Default Industrial Cleanup Level in **RED**

All Values Over IDEM RISC Default Residential Cleanup Level in **BLUE**

PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene

Table 4
Historical Monitoring Well Groundwater Analytical Results
Michigan Plaza
Indianapolis, Indiana
MUNDELL Job No.: M01046

Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Monitoring Wells (Apts)							
MMW-1S	9/10/2004	3.1 J	< 5.0	< 5.0	< 5.0	<5.0	4.1
	3/15/2005	150	10	< 5.0	< 5.0	< 5.0	< 2.0
	11/9/2005	130	8.3	<5.0	<5.0	<5.0	8.9
	9/5/2006	200	13	<5.0	<5.0	<5.0	4.6
	2/22/2007	220	14.9	<5.0	<5.0	<5.0	<2.0
	6/14/2007	240	<5.0	<5.0	<5.0	<5.0	<2.0
	9/19/2007	362	10.5	<5.0	<5.0	31.6	<2.0
	12/13/2007	330	8.1	<5.0	<5.0	27	<2.0
	3/21/2008	280	14	<5.0	<5.0	<5.0	<2.0
	6/6/2008	277	13.2	<5.0	<5.0	<5.0	<2.0
	9/11/2008	288	14.7	<5.0	<5.0	<5.0	<2.0
	11/20/2008	223	45.5	169	<5.0	<5.0	14.5
	3/16/2009	199	11.3	<5.0	<5.0	<5.0	<2.0
	6/16/2009	237	13.4	<5.0	<5.0	<5.0	<2.0
	8/5/2009	195	22.9	71.3	<5.0	<5.0	9.3
	11/2/2009	189	39.0	119	<5.0	<5.0	26.6
	2/3/2010	160	49.7	59.1	<5.0	<5.0	35.4
	4/22/2010	206	14.7	<5.0	<5.0	<5.0	<2.0
MMW-2S	9/10/2004	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/9/2005	<5.0	<5.0	<5.0	<5.0	<5.0	5.2
	9/5/2006	<5.0	<5.0	<5.0	<5.0	<5.0	5.2
	6/2/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/15/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-3S	8/26/2004	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2004	<5.0	5.2	<5.0	<5.0	<5.0	<2.0
	11/9/2005	<5.0	28	5.4	<5.0	<5.0	<2.0
	9/5/2006	<5.0	23	7.4	<5.0	<5.0	<2.0
	6/2/2008	<5.0	20.2	7.9	<5.0	<5.0	2.8
	6/15/2009	<5.0	15.3	11.7	<5.0	<5.0	3
	4/20/2010	<5.0	15.9	8	<5.0	<5.0	<2.0
MMW-4D	8/25/2004	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2004	<5.0	<5.0	980	<5.0	<5.0	200
	11/10/2005	<5.0	<5.0	850	<5.0	<5.0	240
	9/5/2006	<5.0	<5.0	1,100	2.3J	<5.0	220
	6/2/2008	<5.0	<5.0	515	<5.0	<5.0	32.2
	6/15/2009	<5.0	<5.0	892	7	<5.0	142
	4/20/2010	<5.0	<5.0	719	<5.0	<5.0	237
MMW-5D	8/24/2004	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2004	<5.0	<5.0	3,400	13	<5.0	270
	11/10/2005	<5.0	<5.0	3,900	19	<5.0	140
	9/5/2006	<50	<50	2,500	<50	<5.0	170
	6/2/2008	<5.0	<5.0	1,360	19.9	<5.0	207
	6/15/2009	<5.0	<5.0	1,110	14.5	<5.0	242
	4/20/2010	<5.0	<5.0	943	<5.0	<5.0	204
MMW-6D	9/10/2004	<5.0	<5.0	540	<5.0	<5.0	400
	11/10/2005	<5.0	<5.0	750	<5.0	<5.0	700
	9/5/2006	<5.0	<5.0	300	<5.0	<5.0	440
	6/2/2008	<5.0	<5.0	65.5	<5.0	<5.0	242
	6/15/2009	<5.0	<5.0	8.6	<5.0	<5.0	111
	4/20/2010	<5.0	<5.0	8.2	<5.0	<5.0	63.6
MMW-7S	8/24/2004	<5.0	<5.0	28	<5.0	<5.0	<2.0
	9/10/2004	<5.0	<5.0	8.5	<5.0	<5.0	<2.0
	11/9/2005	<5.0	<5.0	9.5	<5.0	<5.0	<2.0
	9/5/2006	<5.0	<5.0	5.8	<5.0	<5.0	4.5
	6/2/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/15/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/20/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
IDEM RISC Default Industrial Cleanup Level - 2006		55	31	1,000	2,000	1,000	4
IDEM RISC Default Residential Cleanup Level - 2006		5	5	70	100	80	2

Note:

All Values Over IDEM RISC Default Industrial Cleanup Level in RED

All Values Over IDEM RISC Default Residential Cleanup Level in BLUE

PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene

Green Shading indicates areas that are appear to be undergoing reductive dechlorination due to CAP-18 Injections

"J" desgination indicates concentration was estimated due to high concentration of one parameter requiring dilution on other parameter quantitations

"-" indicates geochemical parameter was not collected, "NV" indicates data was not valid due to equipment error

Table 4
Historical Monitoring Well Groundwater Analytical Results
Michigan Plaza
Indianapolis, Indiana
MUNDELL Job No.: M01046

Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MMW-8S	2/22/2007	114	<5.0	289	13.8	<5.0	40.6
	6/14/2007	15.9	<5.0	364	9.5	<5.0	82.1
	9/19/2007	<5.0	<5.0	778	24.6	<5.0	145
	12/13/2007	7.7	<5.0	1,000	7.4	<5.0	586
	3/20/2008	<5.0	<5.0	470	<5.0	<5.0	330
	6/6/2008	<5.0	<5.0	336	<5.0	<5.0	509
	9/10/2008	<5.0	<5.0	275	<5.0	<5.0	322
	11/20/2008	<5.0	<5.0	123	<5.0	<5.0	584
	3/16/2009	<5.0	<5.0	95	<5.0	<5.0	348
	6/16/2009	<5.0	<5.0	94.3	6.1	<5.0	280
	8/5/2009	<5.0	<5.0	83.8	<5.0	<5.0	261
	11/2/2009	<5.0	<5.0	58.3	<5.0	<5.0	277
	2/3/2010	7.9	<5.0	15.3	<5.0	<5.0	236
	4/22/2010	<5.0	<5.0	9.0	<5.0	<5.0	151
MMW-9S	2/22/2007	782	88.6	78.9	<5.0	<5.0	<2.0
	6/14/2007	858	85.7	65.3	<5.0	<5.0	<2.0
	9/20/2007	1,430	112	70.3	8.2	<5.0	<2.0
	12/12/2007	37.9 J	17.9 J	1,700	29.8 J	<50.0	<20.0
	3/21/2008	57	20	2,900	39	<5.0	16
	6/6/2008	52.9	28	1,540	38.2	<5.0	295
	9/10/2008	52.6	22.7	4,920	94.5	<5.0	167
	11/20/2008	<5.0	<5.0	5,820	90.2	<5.0	1,010
	3/16/2009	<50.0	<50.0	7,490	73.8	<50.0	1,800
	6/16/2009	44.5	24.9	4,810	64	<5.0	876
	8/5/2009	<5.0	<5.0	5,010	64.2	<5.0	1,110
	11/2/2009	<5.0	<5.0	5,410	120	<5.0	1,050
	2/3/2010	<50.0	<50.0	5,090	98.4	<50.0	1,700
	4/22/2010	<5.0	<5.0	4,300	77	<5.0	1,710
MMW-10S	2/22/2007	49.6	<5.0	<5.0	<5.0	<5.0	<2.0
	6/14/2007	77.6	<5.0	<5.0	<5.0	<5.0	<2.0
	9/19/2007	66	<5.0	<5.0	<5.0	<5.0	<2.0
	12/12/2007	124	56	149	<5.0	<5.0	<2.0
	3/21/2008	440	12	8.1	<5.0	<5.0	12
	6/6/2008	541	62.1	218	<5.0	<5.0	30.4
	9/10/2008	6.9	<5.0	353	8.2	<5.0	<2.0
	11/20/2008	<5.0	<5.0	212	<5.0	<5.0	15.9
	3/16/2009	<5.0	<5.0	302	<5.0	<5.0	114
	6/16/2009	22.8	15.4	415	12	<5.0	81.4
	8/5/2009	<5.0	<5.0	224	5.5	<5.0	156
	11/2/2009	12.8	10.1	239	5.6	<5.0	119
	2/3/2010	8.3	7.5	180	5.1	<5.0	148
	4/22/2010	<5.0	7.9	165	<5.0	<5.0	143
MMW-11S	6/14/2007	<5.0	<5.0	225	6.8	<5.0	18.6
	9/19/2007	<5.0	<5.0	442	21.1	<5.0	30.1
	12/13/2007	7.2	<5.0	920	27	<5.0	49
	3/20/2008	<5.0	<5.0	420	17	<5.0	4.9
	6/5/2008	<5.0	<5.0	623	23.1	<5.0	26.7
	9/10/2008	<5.0	<5.0	327	18.3	<5.0	9.9
	11/20/2008	<5.0	<5.0	554	23.9	<5.0	18.5
	3/16/2009	<5.0	<5.0	37.6	<5.0	<5.0	<2.0
	6/16/2009	<5.0	<5.0	253	17.9	<5.0	2.8
	8/5/2009	<5.0	<5.0	80.7	5.5	<5.0	3.1
	11/2/2009	<5.0	<5.0	59.9	<5.0	<5.0	<2.0
	2/3/2010	<5.0	<5.0	29.4	<5.0	<5.0	<2.0
	4/22/2010	<5.0	<5.0	17.7	<5.0	<5.0	<2.0
MMW-11D	6/16/2009	<5.0	<5.0	25.3	6.7	<5.0	<2.0
	8/5/2009	<5.0	<5.0	485	22.6	<5.0	15.3
	11/2/2009	<5.0	<5.0	771	31.8	<5.0	18.8
	2/3/2010	<5.0	<5.0	301	28.2	<5.0	5.2
	4/22/2010	<5.0	<5.0	307	21.8	<5.0	2.6
MMW-12S	6/16/2009	<5.0	<5.0	9.7	<5.0	<5.0	6.5
	8/5/2009	<5.0	<5.0	47.3	<5.0	<5.0	15.2
	11/2/2009	<5.0	<5.0	28.8	<5.0	<5.0	7.1
	2/3/2010	<5.0	<5.0	11.40	<5.0	<5.0	2.10
	4/20/2010	<5.0	<5.0	5.3	<5.0	<5.0	<2.0
MMW-13D	8/5/2009	<5.0	<5.0	672	<5.0	<5.0	59.2
	11/2/2009	<5.0	<5.0	949	<5.0	<5.0	182
	2/3/2010	<5.0	<5.0	819	6.20	<5.0	260.00
	4/22/2010	<5.0	<5.0	469	<5.0	<5.0	4.6
MMW-13D Low	6/16/2009	<5.0	<5.0	613	10.4	<5.0	17.3
MMW-13D Medium (29')	6/16/2009	<5.0	<5.0	578	12.1	<5.0	14.9
MMW-13D High (17')	6/16/2009	<5.0	<5.0	597	9.7	<5.0	21.1
MMW-14D	6/16/2009	<5.0	<5.0	648	15.6	<5.0	57.6
	8/5/2009	<5.0	<5.0	589	10.9	<5.0	79.1
	11/2/2009	<5.0	<5.0	541	9.2	<5.0	83.8
	2/3/2010	<5.0	<5.0	871.00	13.90	<5.0	84.90
	4/20/2010	<5.0	<5.0	763	14.1	<5.0	72.8
IDEM RISC Default Industrial Cleanup Level - 2006		55	31	1,000	2,000	1,000	4
IDEM RISC Default Residential Cleanup Level - 2006		5	5	70	100	80	2

Note:

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Indianapolis, Indiana
MUNDELL Job No.: M01046

Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Monitoring Wells (Plaza)							
MMW-P-01	11/9/2005	33	210	160	9.6	<5.0	76
	2/22/2007	85.2	356	274	16.7	<5.0	28.7
	6/14/2007	111	368	350	10	<5.0	79.6
	9/20/2007	206	322	300	11.5	<5.0	127
	12/14/2007	230	320	240	7.1	<5.0	87
	3/21/2008	120	170	3,100	25	<5.0	42
	6/5/2008	22	31.5	3,660	68.6	<5.0	123
	9/11/2008	14.2	15.1	1,690	<5.0	<5.0	87.7
	11/19/2008	<5.0	<5.0	4,320	<5.0	<5.0	116
	3/17/2009	17.5	22.6	12,300	143	<5.0	3,290
	6/17/2009	<50.0	<50.0	4,020	63.9	<50.0	1,840
	8/6/2009	97.4	37.0J	12,200	<50.0	<50.0	3,730
	11/3/2009	103	58.3	9,330	<50.0	<50.0	4,770
	2/4/2010	104	60.6	9,190	130	<50.0	13,600
	4/22/2010	90.5	79	9,400	94.7	<50.0	12,600
MMW-P-02	11/8/2005	24	<5.0	87	7.3	<5.0	49
	2/22/2007	184	<5.0	39.4	<5.0	<5.0	27.4
	6/14/2007	17.1	<5.0	35	<5.0	<5.0	27.5
	9/19/2007	13.3	<5.0	66.3	5.6	<5.0	50.1
	12/13/2007	7.8	<5.0	69	<5.0	<5.0	53
	3/20/2008	19	<5.0	67	<5.0	<5.0	42
	6/5/2008	94.9	<5.0	44	<5.0	<5.0	46.4
	9/11/2008	17.5	<5.0	46.6	<5.0	<5.0	42
	11/19/2008	10.7	<5.0	75.4	<5.0	<5.0	69.5
	3/17/2009	23.4	<5.0	65.4	5.3	<5.0	68.4
	6/17/2009	5.1	<5.0	54.2	9.2	<5.0	80.6
	8/6/2009	5.1	<5.0	55.8	<5.0	<5.0	56.2
	11/3/2009	11.1	<5.0	60.1	<5.0	<5.0	73.9
	2/4/2010	7.4	<5.0	75.8	5.8	<5.0	104
	4/22/2010	9.9	6.8	56	8	<5.0	110
MMW-P-03S	11/9/2005	110	<5.0	97	9.6	<5.0	<2.0
	2/22/2007	397	<5.0	105	10	<5.0	<2.0
	6/14/2007	256	<5.0	96.4	9.2	<5.0	9.3
	9/20/2007	144	<5.0	131	15.8	<5.0	16
	12/13/2007	67	<5.0	88	5.3	<5.0	15
	3/20/2008	130	<5.0	84	7.3	<5.0	10
	6/5/2008	19.4	<5.0	380	14.9	<5.0	10.6
	9/11/2008	<5.0	<5.0	<5.0	<5.0	<5.0	72.6
	11/19/2008	<5.0	6	494	<5.0	<5.0	40.8
	3/17/2009	7.5	<5.0	904	38.7	<5.0	283
	6/17/2009	<5.0	<5.0	332	22.3	<5.0	759
	8/6/2009	30.6	8.2	573	25	<5.0	843
	11/3/2009	<5.0	<5.0	141	16.1	<5.0	379
	2/4/2010	<5.0	<5.0	155	19.4	<5.0	382
	4/22/2010	14.2	8.9	156	13.4	<5.0	377
MMW-P-03D	11/9/2005	22	<5.0	42	<5.0	<5.0	2
	2/22/2007	48.9	<5.0	57.8	<5.0	39	15.6
	6/14/2007	21.7	<5.0	74.9	<5.0	<5.0	34.5
	9/19/2007	14.3	<5.0	76.1	7.3	<5.0	36.6
	12/13/2007	11	<5.0	40	<5.0	<5.0	20
	3/20/2008	<5.0	<5.0	170	6	<5.0	18
	6/5/2008	<5.0	<5.0	150	7.4	<5.0	26
	9/11/2008	<5.0	<5.0	95.7	6.4	<5.0	<2
	11/19/2008	<5.0	<5.0	80.6	<5.0	<5.0	36.9
	3/17/2009	<5.0	<5.0	65.2	<5.0	<5.0	69.8
	6/17/2009	<5.0	<5.0	14.9	5.9	<5.0	137
	8/6/2009	<5.0	<5.0	16.7	<5.0	<5.0	248
	11/3/2009	<5.0	<5.0	8.5	<5.0	<5.0	168
	2/4/2010	<5.0	<5.0	<5.0	<5.0	<5.0	287
	4/22/2010	<5.0	<5.0	7.2	<5.0	<5.0	211
MMW-P-04	11/9/2005	180	<5.0	<5.0	<5.0	<5.0	<2.0
	2/22/2007	315	<5.0	<5.0	<5.0	<5.0	<2.0
	6/14/2007	268	<5.0	<5.0	<5.0	<5.0	<2.0
	9/20/2007	214	<5.0	<5.0	<5.0	<5.0	<2.0
	12/13/2007	62	<5.0	<5.0	<5.0	<5.0	<2.0
	3/20/2008	120	<5.0	<5.0	<5.0	<5.0	<2.0
	6/6/2008	154	6	59.7	<5.0	<5.0	<2.0
	9/11/2008	31.9	<5.0	360	7.1	<5.0	<2.0
	11/19/2008	45	<5.0	248	<5.0	<5.0	<2.0
	3/18/2009	19.4	5.4	304	10.8	<5.0	<2.0
	6/17/2009	35.3	5.4	827	22	<5.0	2
	8/6/2009	<5.0	<5.0	15.1	<5.0	<5.0	<2.0
	11/5/2009	<5.0	<5.0	1190	36.9	<5.0	90.9
	2/12/2010	<5.0	<5.0	144	8.3	<5.0	224
	4/21/2010	<5.0	<5.0	268	15.8	<5.0	364
IDEM RISC Default Industrial Cleanup Level - 2006		55	31	1,000	2,000	1,000	4
IDEM RISC Default Residential Cleanup Level - 2006		5	5	70	100	80	2

Note:

All Values Over IDEM RISC Default Industrial Cleanup Level in RED

All Values Over IDEM RISC Default Residential Cleanup Level in BLUE

PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene

Green Shading indicates areas that are appear to be undergoing reductive dechlorination due to CAP-18 Injections

"J" desgination indicates concentration was estimated due to high concentration of one parameter requiring dilution on other parameter quantitations

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Table 4
Historical Monitoring Well Groundwater Analytical Results
Michigan Plaza
Indianapolis, Indiana
MUNDELL Job No.: M01046

Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MMW-P-05	11/8/2005	<5.0	<5.0	6.2	<5.0	<5.0	<2.0
	2/22/2007	23.7	<5.0	9.1	<5.0	<5.0	<2.0
	6/14/2007	<5.0	<5.0	18.8	<5.0	<5.0	<2.0
	9/19/2007	<5.0	<5.0	18.8	<5.0	<5.0	<2.0
	12/14/2007	<5.0	<5.0	14.8	<5.0	<5.0	<2.0
	3/20/2008	<5.0	<5.0	8.1	<5.0	<5.0	<2.0
	6/5/2008	<5.0	<5.0	15.6	<5.0	<5.0	<2.0
	9/11/2008	<5.0	<5.0	16.7	<5.0	<5.0	<2.0
	11/19/2008	<5.0	<5.0	22.1	<5.0	<5.0	<2.0
	3/17/2009	<5.0	<5.0	13.7	<5.0	<5.0	<2.0
	6/17/2009	<5.0	<5.0	10.9	6.6	<5.0	<2.0
	8/6/2009	<5.0	<5.0	15.1	<5.0	<5.0	<2.0
	11/3/2009	<5.0	<5.0	7.6	<5.0	<5.0	2.7
	2/4/2010	<5.0	<5.0	6.8	<5.0	<5.0	<2.0
	4/22/2010	<5.0	<5.0	8.6	<5.0	<5.0	<2.0
MMW-P-06	11/8/2005	<5.0	<5.0	200	24	<5.0	21
	2/22/2007	<5.0	<5.0	158	19.2	<5.0	<2.0
	6/14/2007	<5.0	<5.0	214	22.7	<5.0	13.3
	9/19/2007	<5.0	<5.0	283	38.2	<5.0	26.1
	12/14/2007	<5.0	<5.0	260	40	<5.0	31
	3/20/2008	<5.0	<5.0	250	31	<5.0	26
	6/5/2008	<5.0	<5.0	265	30.9	<5.0	40.1
	9/11/2008	<5.0	<5.0	271	33.3	<5.0	<2.0
	11/19/2008	<5.0	<5.0	292	<5.0	<5.0	61.4
	3/17/2009	<5.0	<5.0	292	35.3	<5.0	<2.0
	6/17/2009	<5.0	<5.0	145	22.2	<5.0	90.6
	8/6/2009	<5.0	<5.0	136	14.3	<5.0	301
	11/3/2009	<5.0	<5.0	107	15.2	<5.0	292
	2/4/2010	<5.0	<5.0	79.1	11.2	<5.0	1,870
	4/22/2010	<5.0	<5.0	23.7	8	<5.0	2470
MMW-P-07	2/22/2007	3,060	81.5	82	8.8	<5.0	<2.0
	6/14/2007	2,850	90	82.5	<50.0	<50.0	<20.0
	9/20/2007	5,200	109	121	16.1	<5.0	2
	12/13/2007	1,440	157	930	8.8	7.4	80
	3/21/2008	31	7.6	1,700	27	<5.0	110
	6/5/2008	<5.0	<5.0	938	15.6	<5.0	466
	9/11/2008	<5.0	<5.0	1,870	55.2	<5.0	1,620
	11/19/2008	<5.0	<5.0	797	<5.0	<5.0	749
	3/17/2009	<5.0	<5.0	361	17.7	<5.0	1,830
	6/17/2009	<5.0	<5.0	87.1	9.4	<5.0	1,130
	8/6/2009	<5.0	<5.0	48.7	<5.0	<5.0	787
	11/3/2009	<5.0	<5.0	809	14.1	<5.0	1,510
	2/4/2010	<5.0	<5.0	555	12.4	<5.0	1,880
	40,290	<5.0	7	1,050	24	<5.0	2,080
MMW-P-08	2/22/2007	6,280	281	240	26.7	<5.0	<2.0
	6/14/2007	6,440	310	169	<50.0	<50.0	<20.0
	9/20/2007	9,780	494	201	25.3	<5.0	6.5
	12/14/2007	390	210	5,800	<50.0	<50.0	<20.0
	3/21/2008	6.7	11	6,500	130	<5.0	55
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	562
	9/11/2008	5.8	5	18,300	686	<50.0	4,740
	11/19/2008	<50.0	<50.0	5,690	91.4	<50.0	13,000
	3/17/2009	<5.0	<5.0	1,130	47.1	<5.0	5,680
	6/17/2009	<125	<125	356	145	<5.0	7,200
	8/6/2009	<125	<125	601	<50.	<50.	8,960
	11/3/2009	<50.0	<50.0	86.7	<50.0	<50.0	2,860
	2/4/2010	<50.0	<50.0	1,140	<50.0	<50.0	4,860
	4/22/2010	<5.0	<5.0	45.7	8.1	<5.0	2,180
MMW-P-09S	2/22/2007	10.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/14/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/19/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/12/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/20/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/11/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/19/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/16/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/6/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/3/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/3/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
IDEM RISC Default Industrial Cleanup Level - 2006		55	31	1,000	2,000	1,000	4
IDEM RISC Default Residential Cleanup Level - 2006		5	5	70	100	80	2

Note:

All Values Over IDEM RISC Default Industrial Cleanup Level in RED

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PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene

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Table 4
Historical Monitoring Well Groundwater Analytical Results
Michigan Plaza
Indianapolis, Indiana
MUNDELL Job No.: M01046

Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MMW-P-09D	6/14/2007	<5.0	<5.0	<5.0	<5.0	<5.0	46.2
	9/19/2007	<5.0	<5.0	<5.0	<5.0	<5.0	83.1
	12/12/2007	<5.0	<5.0	<5.0	<5.0	<5.0	71
	3/20/2008	<5.0	<5.0	<5.0	<5.0	<5.0	3
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	100
	9/11/2008	<5.0	<5.0	<5.0	<5.0	<5.0	72.6
	11/19/2008	<5.0	<5.0	<5.0	<5.0	<5.0	97.2
	3/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	85.1
	6/16/2009	<5.0	<5.0	<5.0	<5.0	<5.0	73.5
	8/6/2009	<5.0	<5.0	<5.0	<5.0	<5.0	80.8
	11/3/2009	<5.0	<5.0	<5.0	<5.0	<5.0	87.1
	2/3/2010	<5.0	<5.0	<5.0	<5.0	<5.0	111
	4/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	76.9
MMW-P-10S	6/14/2007	36.1	36.3	61.6	6.9	<5.0	<2.0
	7/6/2007	87.9	54.9	92.1	10.2	<5.0	<2.0
	9/19/2007	192	82.6	126	14.4	<5.0	<2.0
	12/14/2007	71	<5.0	<5.0	<5.0	<5.0	2.4
	3/20/2008	26.8	19.2	250	12.2	<5.0	<2.0
	6/5/2008	15	9.7	537	16	<5.0	114
	9/11/2008	74.8	36.5	1,650	74	<5.0	27.7
	11/19/2008	78.6	28	1,510	<5.0	<5.0	22.3
	3/17/2009	11.9	8.6	1,160	71.5	<5.0	<2.0
	6/17/2009	<5.0	<5.0	331	20.5	<5.0	63.9
	8/6/2009	<5.0	<5.0	158	16.1	<5.0	395
	11/3/2009	<5.0	<5.0	29.6	<5.0	<5.0	288
	2/4/2010	<5.0	<5.0	45.4	<5.0	<5.0	419
	4/22/2010	<5.0	<5.0	16.2	<5.0	<5.0	118
MMW-P-10D	6/14/2007	<5.0	10.6	481	7.7	<5.0	98.7
	7/6/2007	<5.0	<5.0	498	9	<5.0	118
	9/19/2007	<5.0	<5.0	350	<5.0	<5.0	76.1
	12/14/2007	<5.0	<5.0	270	<5.0	<5.0	77
	3/20/2008	<5.0	<5.0	<5.0	<5.0	<5.0	3
	6/5/2008	<5.0	<5.0	508	<5.0	<5.0	267
	9/11/2008	<5.0	<5.0	435	<5.0	<5.0	288
	11/19/2008	<5.0	<5.0	3,390	<5.0	<5.0	5,030
	3/17/2009	<5.0	<5.0	4,860	12.9	<5.0	2,500
	6/17/2009	<5.0	<5.0	3,710	9.6	<5.0	9,070
	8/6/2009	<5.0	<5.0	2,520	5.1	<5.0	3,400
	11/3/2009	<5.0	<5.0	2,740	<5.0	<5.0	3,500
	2/4/2010	<5.0	<5.0	406	<5.0	<5.0	2,130
	4/22/2010	<5.0	<5.0	30.5	<5.0	<5.0	364
Keramida Monitoring Wells (Off-site)							
MW-167S	11/7/2005	<5.0	<5.0	<5.0	<5.0	<5.0	14
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW167D	11/7/2005	<5.0	<5.0	750	<5.0		110
	6/5/2008	<5.0	<5.0	616	28	<5.0	43.8
	6/17/2009	<5.0	<5.0	612	22.1	<5.0	23.8
	4/21/2010	<5.0	<5.0	626	22.1	<5.0	25.6
MW-168S	11/7/2005	280	16	53	<5.0	<5.0	3
	2/21/2007	30.1	8.8	155	<5.0	<5.0	29.6
	6/14/2007	<5.0	<5.0	40.8	<5.0	<5.0	34
	9/19/2007	32.6	8	82.4	<5.0	<5.0	3.5
	12/13/2007	52	14	78	<5.0	<5.0	4.1
	3/20/2008	92	12	46	<5.0	<5.0	4.2
	6/5/2008	80.4	10.1	41.1	<5.0	<5.0	3.6
	9/11/2008	68.5	10.8	66.9	<5.0	<5.0	5.5
	8/7/2009	62.6	10.2	118	<5.0	NS	9.9
	4/21/2010	14	7	21.9	<5.0	<5.0	<2.0
MW-168D	11/7/2005	<5.0	<5.0	6.8	<5.0	<5.0	49
	2/21/2007	<5.0	<5.0	8.4	<5.0	<5.0	58.1
	6/14/2007	<5.0	<5.0	5.2	<5.0	<5.0	47.5
	9/19/2007	<5.0	<5.0	<5.0	<5.0	<5.0	89.7
	12/12/2007	<5.0	<5.0	<5.0	<5.0	<5.0	74
	3/20/2008	<5.0	<5.0	8	<5.0	<5.0	39
	6/5/2008	<5.0	<5.0	13.4	<5.0	<5.0	65.9
	9/11/2008	<5.0	<5.0	5.5	<5.0	<5.0	<2
	3/17/2009	<5.0	<5.0	16.5	<5.0	<5.0	<2.0
	6/18/2009	<5.0	<5.0	<5.0	<5.0	<5.0	14.5
	8/7/2009	<5.0	<5.0	<5.0	<5.0	<5.0	36.2
	11/4/2009	<5.0	<5.0	<5.0	<5.0	<5.0	99.1
	2/4/2010	<5.0	<5.0	6.3	<5.0	<5.0	128
	4/21/2010	<5.0	<5.0	13.2	<5.0	<5.0	134
IDEM RISC Default Industrial Cleanup Level - 2006		**55**	**31**	**1,000**	**2,000**	**1,000**	**4**
IDEM RISC Default Residential Cleanup Level - 2006		**5**	**5**	**70**	**100**	**80**	**2**

Note:

All Values Over IDEM RISC Default Industrial Cleanup Level in **RED**

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PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene

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Historical Monitoring Well Groundwater Analytical Results
Michigan Plaza
Indianapolis, Indiana
MUNDELL Job No.: M01046

Well ID	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Chloroform	Vinyl chloride
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-169S	11/7/2005	<5.0	<5.0	<5.0	<5.0	NA	<2.0
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-169D	11/7/2005	<5.0	<5.0	<5.0	<5.0	NA	5.1
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	14.3
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	6.1
MW-170S	6/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	5.5
	6/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-170D	6/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	230
	6/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	174
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	161
MW-171S	6/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-171D	6/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	3
	6/16/2009	<5.0	<5.0	<5.0	<5.0	<5.0	2.2
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	6.3
Floral Park Cemetery Wells (Off-site)							
MMW-C-01	11/20/2008	15.7	8.3	296	<5.0	<5.0	<2.0
	3/17/2009	<5.0	<5.0	508	7.3	<5.0	<2.0
	6/18/2009	23.2	<5.0	<5.0	<5.0	<5.0	<2.0
	8/6/2009	84.8	<5.0	66.9	<5.0	<5.0	35.2
	11/3/2009	12.6	<5.0	211	8.9	<5.0	2,720
	2/3/2010	<5.0	<5.0	176	10.1	<5.0	1,790
	4/21/2010	15.3	<5.0	165	7.1	<5	1,660
MMW-C-02	11/20/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/18/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/6/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/3/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/3/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
IDEM RISC Default Industrial Cleanup Level - 2006		**55**	**31**	**1,000**	**2,000**	**1,000**	**4**
IDEM RISC Default Residential Cleanup Level - 2006		**5**	**5**	**70**	**100**	**80**	**2**

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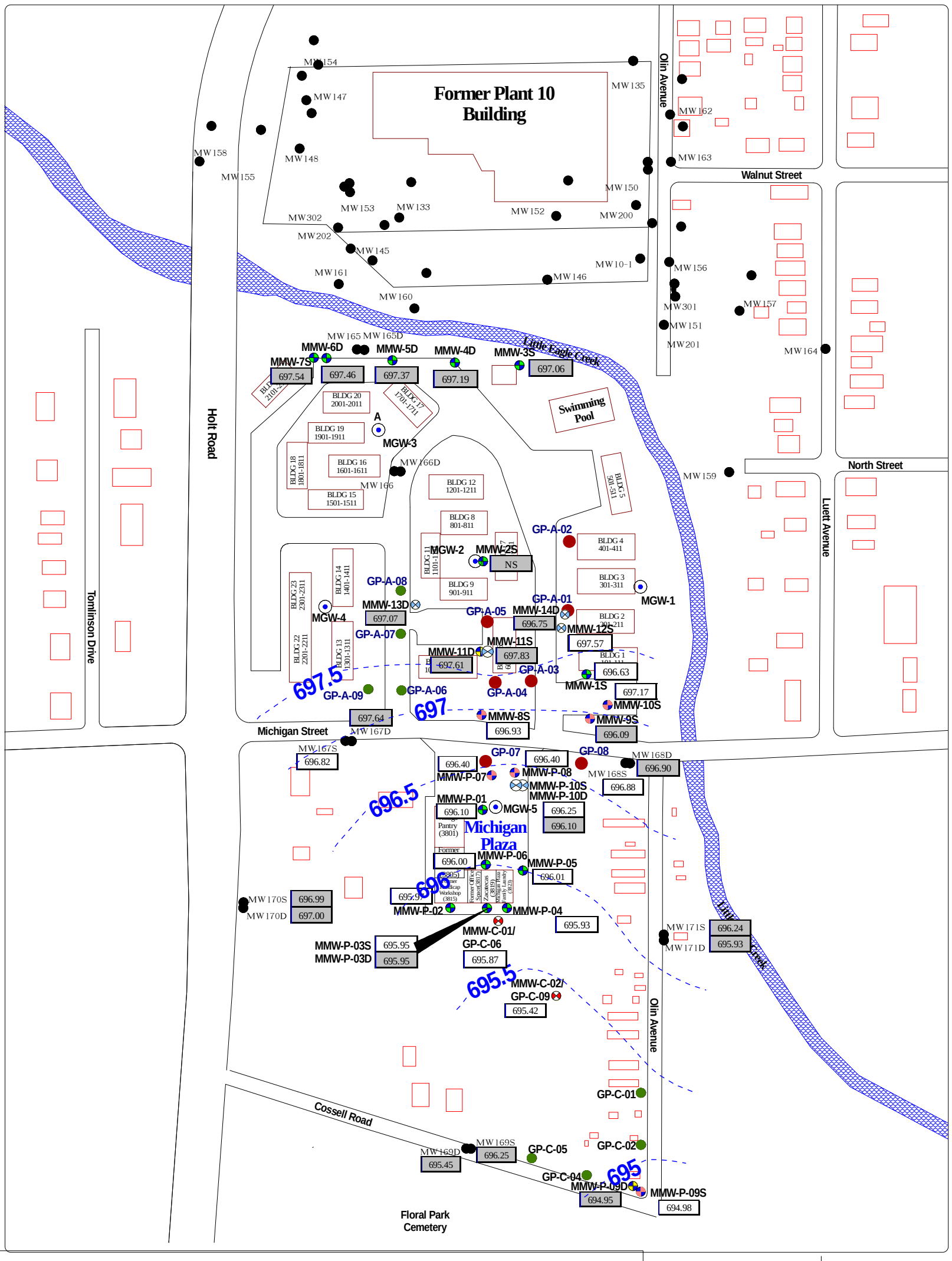
"-" indicates geochemical parameter was not collected, "NV" indicates data was not valid due to equipment error

FIGURES



LEGEND

———	Fence
MW160 ●	Keramida Monitoring Wells
SS-P-01 ●	MUNDELL Sewer Sampling Locations (September & November 2005)
GP-07 ●	MUNDELL Soil Boring Locations (September 2005)
MMW-P-06 ⊕	MUNDELL Monitoring Wells, Michigan Plaza (September 2005)
GP-C-05 ●	MUNDELL Soil Boring Locations (January 2007)
MMW-P-07 ⊕	MUNDELL Monitoring Wells (January 2007)
MMW-P-09D ⊕	MUNDELL Monitoring Wells (May-June 2007)
MMW-C-01/ GP-C-06 ⊗	MUNDELL Monitoring Wells (August 2008)
MMW-11S ⊗	MUNDELL Monitoring Wells (September 2008)
697.03	Water Level as Measured on February 3, 2010 (gray boxes indicate groundwater elevation values not used for the creation of the Potentiometric Surface Map)
699 - - - -	Potentiometric Surface Equal Potential Lines

NORTH

SCALE
0 200
feet

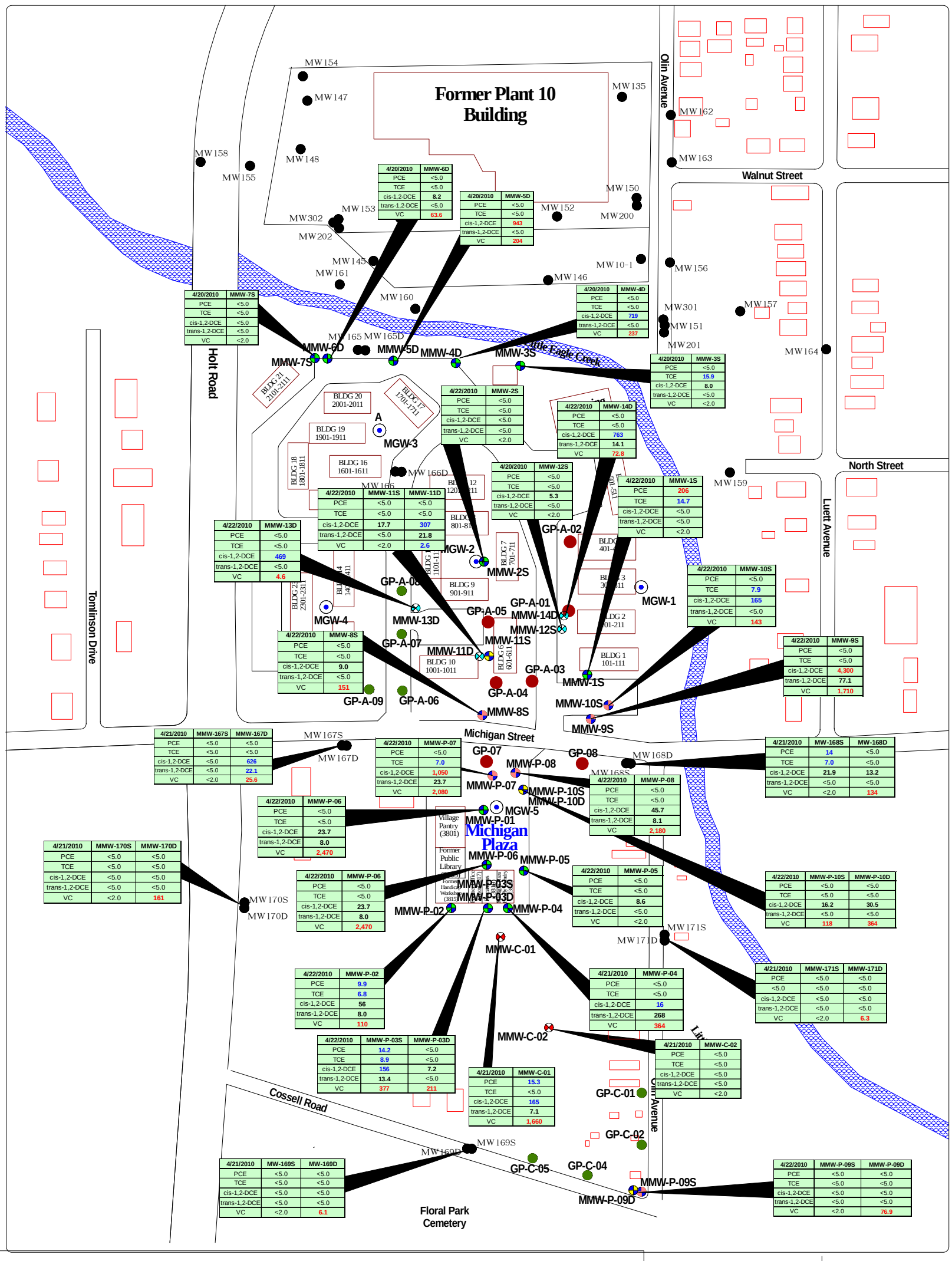
Keramida Monitoring Well Locations Referenced from Keramida Environmental, Inc.
Project No. 2829
March 13, 2002

MUNDELL & ASSOCIATES, INC.
Consulting Professionals for the Earth & Environment
110 South Downey Avenue
Indianapolis, Indiana 46219-6406
317-630-9060, fax 317-630-9065

Project Number: M01046
Drawing File: Base Map.SKF
Date Prepared: 5/3/10
Scale: 1"=200' ±

Shallow Potentiometric Surface Map
April 20, 2010
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana

FIGURE
1



LEGEND

- Fence
- MW160 — Keramida Monitoring Wells
- SS-P-01 — MUNDELL Sewer Sampling Locations (September & November 2005)
- GP-07 — MUNDELL Soil Boring Locations (September 2005)
- MMW-P-06 — MUNDELL Monitoring Wells, Michigan Plaza (September 2005)
- GP-C-04 — MUNDELL Soil Boring Locations (January 2007)
- MMW-P-07 — MUNDELL Monitoring Wells (January 2007)
- MMW-11D — MUNDELL Monitoring Wells (May-June 2007)
- MMW-11S — MUNDELL Monitoring Wells (November 2008)

NOTE:
Values in RED are above RISC Industrial Cleanup Goals and those in BLUE are above RISC Residential Cleanup Goals

NORTH

SCALE
0 200
feet

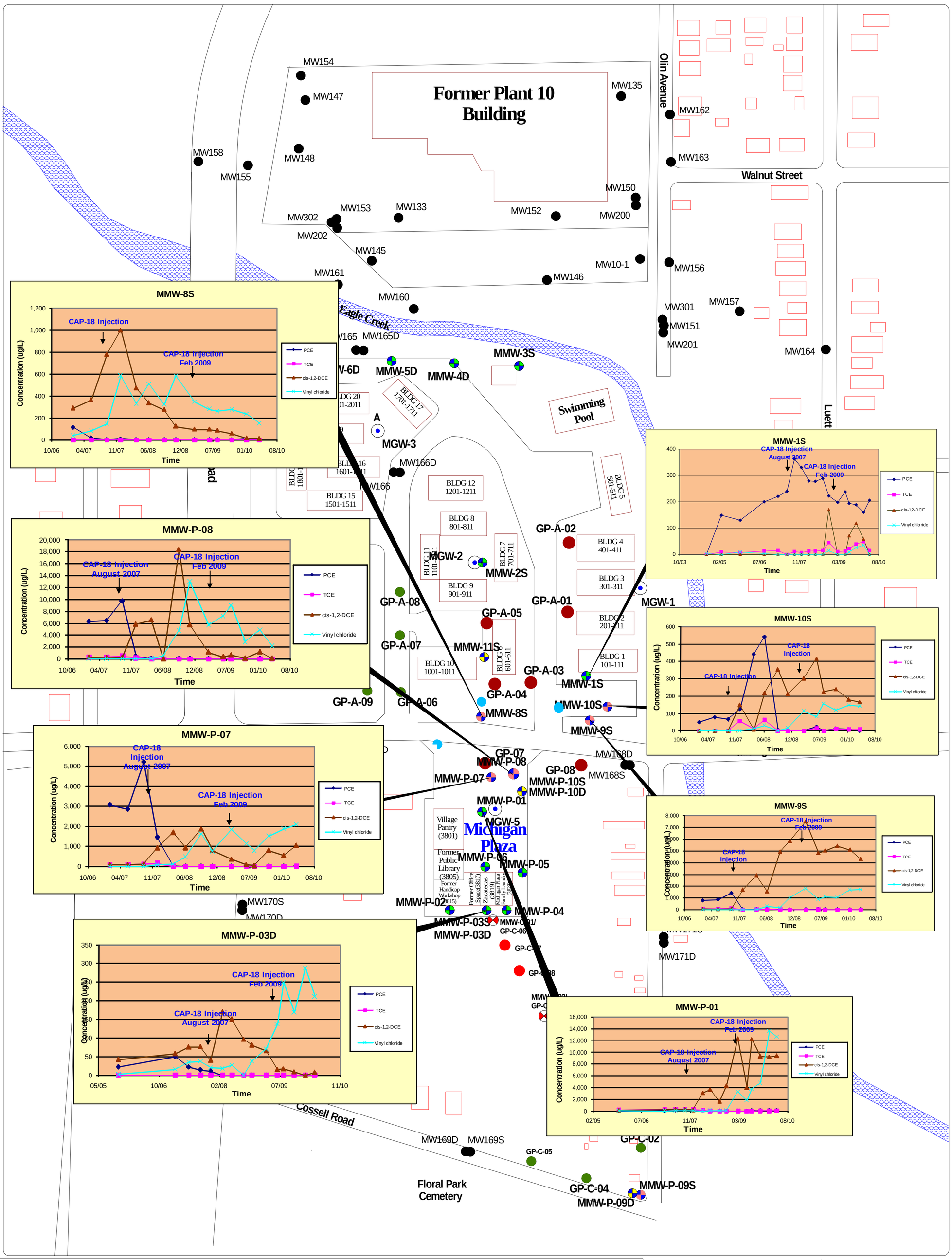
Keramida Monitoring Well Locations Referenced from Keramida Environmental, Inc.
Project No. 2829
March 13, 2002

MUNDELL & ASSOCIATES, INC.
Consulting Professionals for the Earth & Environment
429 East Vermont Street, Suite 200
Indianapolis, Indiana 46202-3688
317-630-9060, fax 317-630-9065

Project Number: M01046
Drawing File: Base Map.SKF
Date Prepared: 5/26/2010
Scale: 1"=200' ±

Groundwater Analytical Map
2nd Quarter, 2010
Sample Date: April 20-22, 2010
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana

FIGURE
2



LEGEND

- Mundell Test Pit (TP-3) Sampling Locations (April 2005)
- Sewer Excavation Sampling Locations (October 2007)
- Fence
- Sewer Line
- MMW-11S — MUNDELL Monitoring Wells (May-June 2007)
- MW160 — Keramida Monitoring Wells
- SS-P-01 — MUNDELL Sewer Sampling Locations/manholes (September & November 2005)
- GP-07 — MUNDELL Soil Boring Locations (September 2005)
- MMW-P-06 — MUNDELL Monitoring Wells, Michigan Plaza (September 2005)
- GP-C-04 — MUNDELL Soil Boring Locations (January 2007)
- MMW-P-07 — MUNDELL Monitoring Wells (January 2007)
- MMW-C-01 — MUNDELL Monitoring Wells (July/August 2008)
- GP-C-06 — MUNDELL Soil Boring Locations (July/August 2008)

NORTH

SCALE
0 200
feet

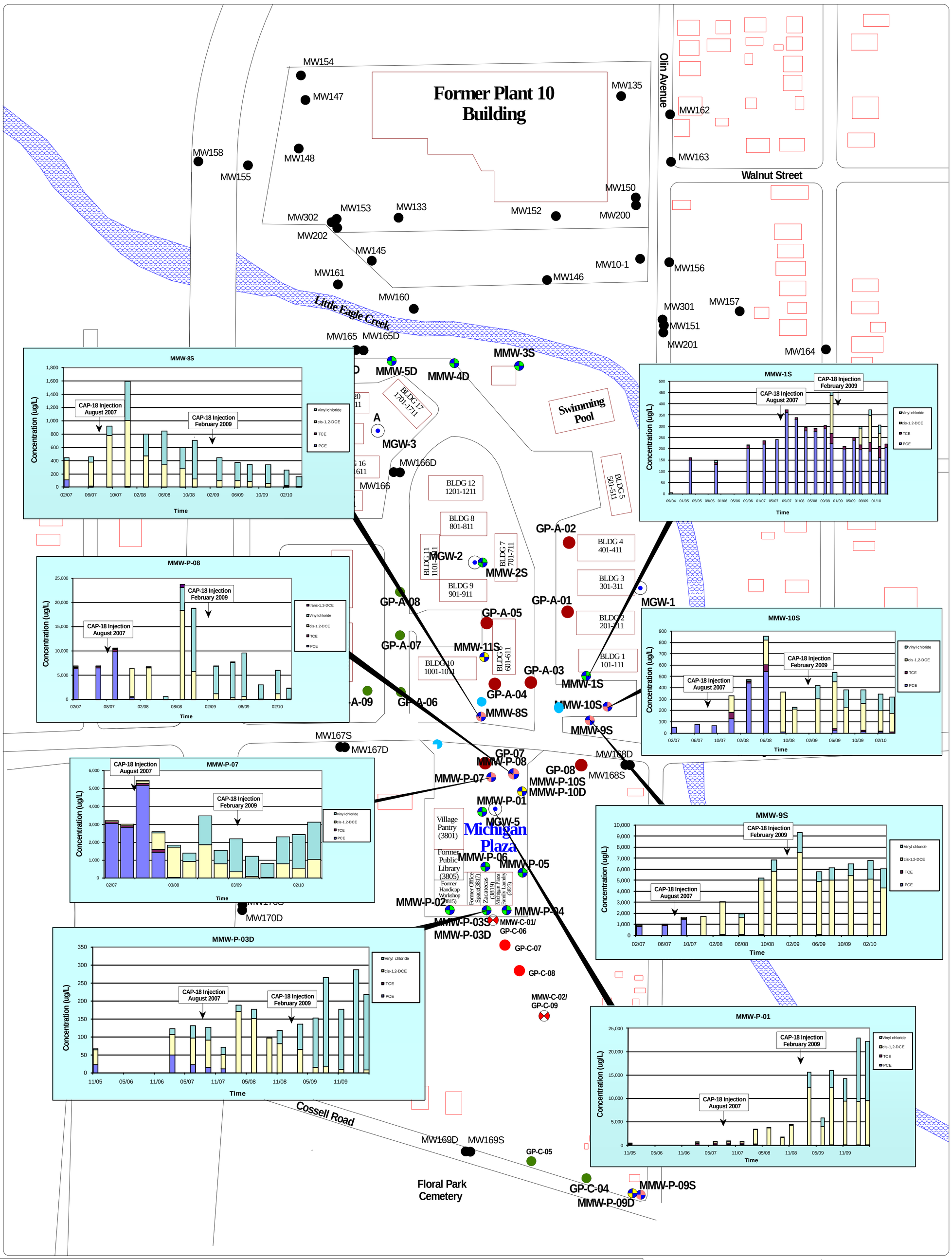
Keramida Monitoring Well Locations Referenced from Keramida Environmental, Inc.
Project No. 2829
March 13, 2002

MUNDELL & ASSOCIATES, INC.
Consulting Professionals for the Earth & Environment
110 South Downey Avenue
Indianapolis, Indiana 46219-6406
317-630-9060, fax 317-630-9065

Project Number: M01046
Drawing File: Base Map.SKF
Date Prepared: 5/28/2010
Scale:

Indicator Compound Trends in Groundwater
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana

FIGURE
3



LEGEND

- Mundell Test Pit (TP-3) Sampling Locations (April 2005)
- Sewer Excavation Sampling Locations (October 2007)
- Fence
- Sewer Line
- MMW-11S — MUNDELL Monitoring Wells (May-June 2007)
- MW160 — Keramida Monitoring Wells
- SS-P-01 — MUNDELL Sewer Sampling Locations/manholes (September & November 2005)
- GP-07 — MUNDELL Soil Boring Locations (September 2005)
- MMW-P-06 — MUNDELL Monitoring Wells, Michigan Plaza (September 2005)
- GP-C-04 — MUNDELL Soil Boring Locations (January 2007)
- MMW-P-07 — MUNDELL Monitoring Wells (January 2007)
- MMW-C-01 — MUNDELL Monitoring Wells (July/August 2008)
- GP-C-06 — MUNDELL Soil Boring Locations (July/August 2008)

NORTH

SCALE 0 200 feet

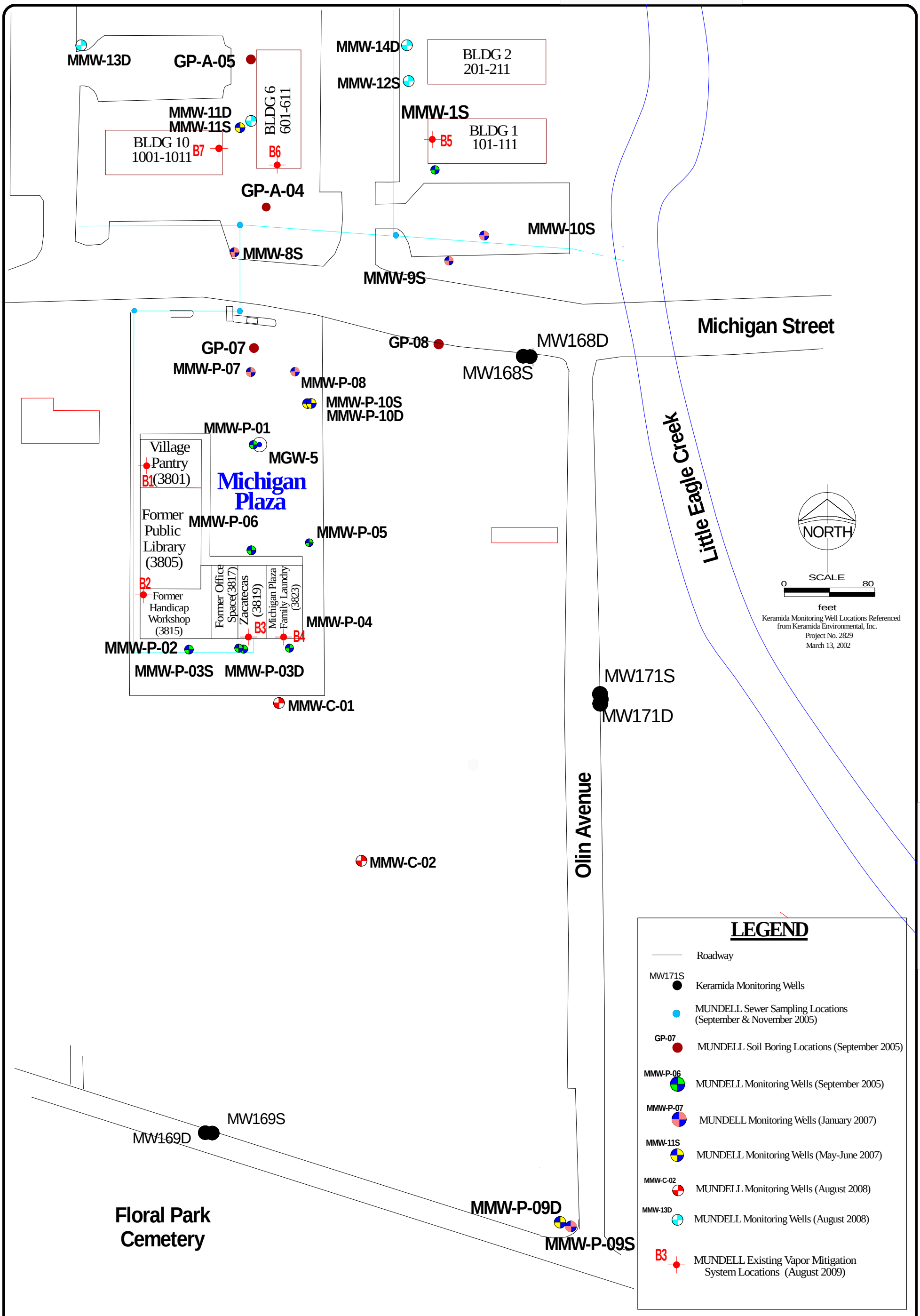
Keramida Monitoring Well Locations Referenced from Keramida Environmental, Inc.
Project No. 2829
March 13, 2002

MUNDELL & ASSOCIATES, INC.
Consulting Professionals for the Earth & Environment
110 South Downey Avenue
Indianapolis, Indiana 46219-6406
317-630-9060, fax 317-630-9065

Project Number: M01046
Drawing File: Base Map.SKF
Date Prepared: 5/28/2010
Scale:

Parent and Daughter Products Distribution in Groundwater
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana

FIGURE
4



MUNDELL & ASSOCIATES, INC.

Consulting Professionals for the Earth & Environment

110 South Downey Avenue
Indianapolis, Indiana 46219
317-630-9060, fax 317-630-9065

Project Number: M01046

Drawing File:

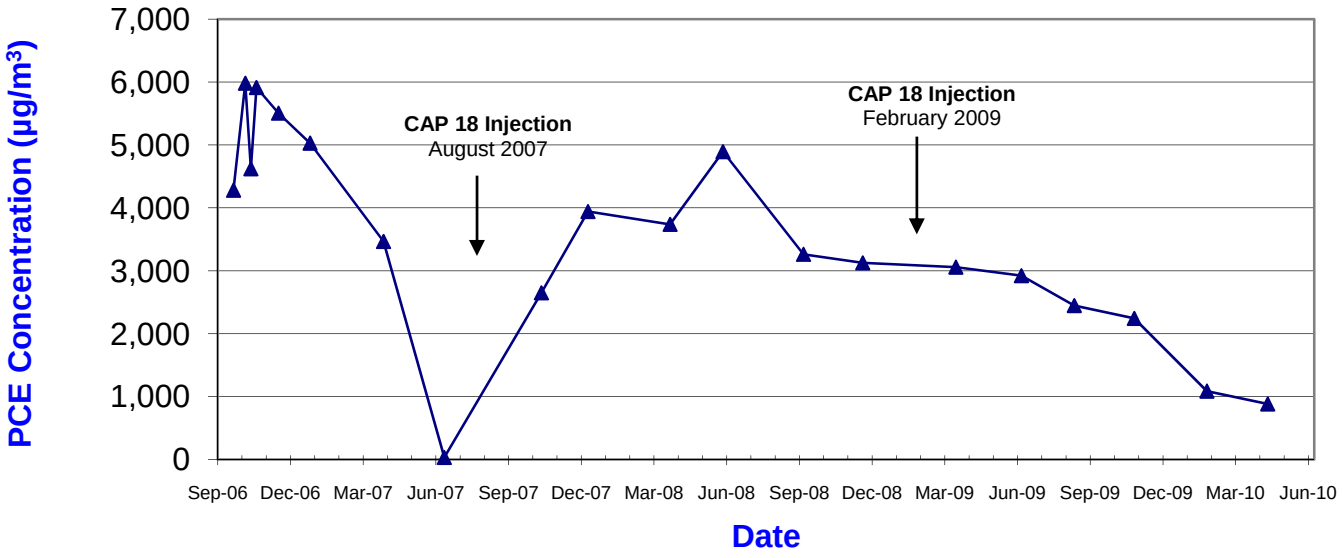
Date Prepared: 5/28/2010

Scale: 1"=80'

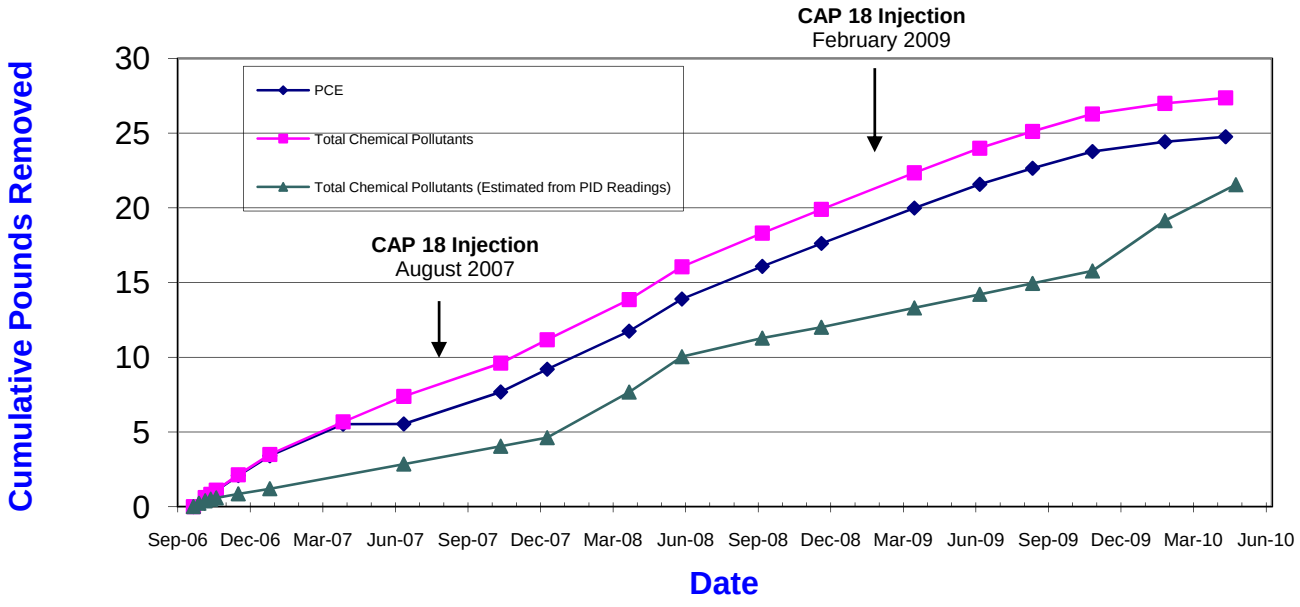
Vapor Mitigation System Locations
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana

FIGURE
5

PCE Vapor Concentrations Trend - Village Pantry Vapor Mitigation System (B1)



Chemical Pounds Removed - Villiage Pantry Vapor Mitigation System (B1)



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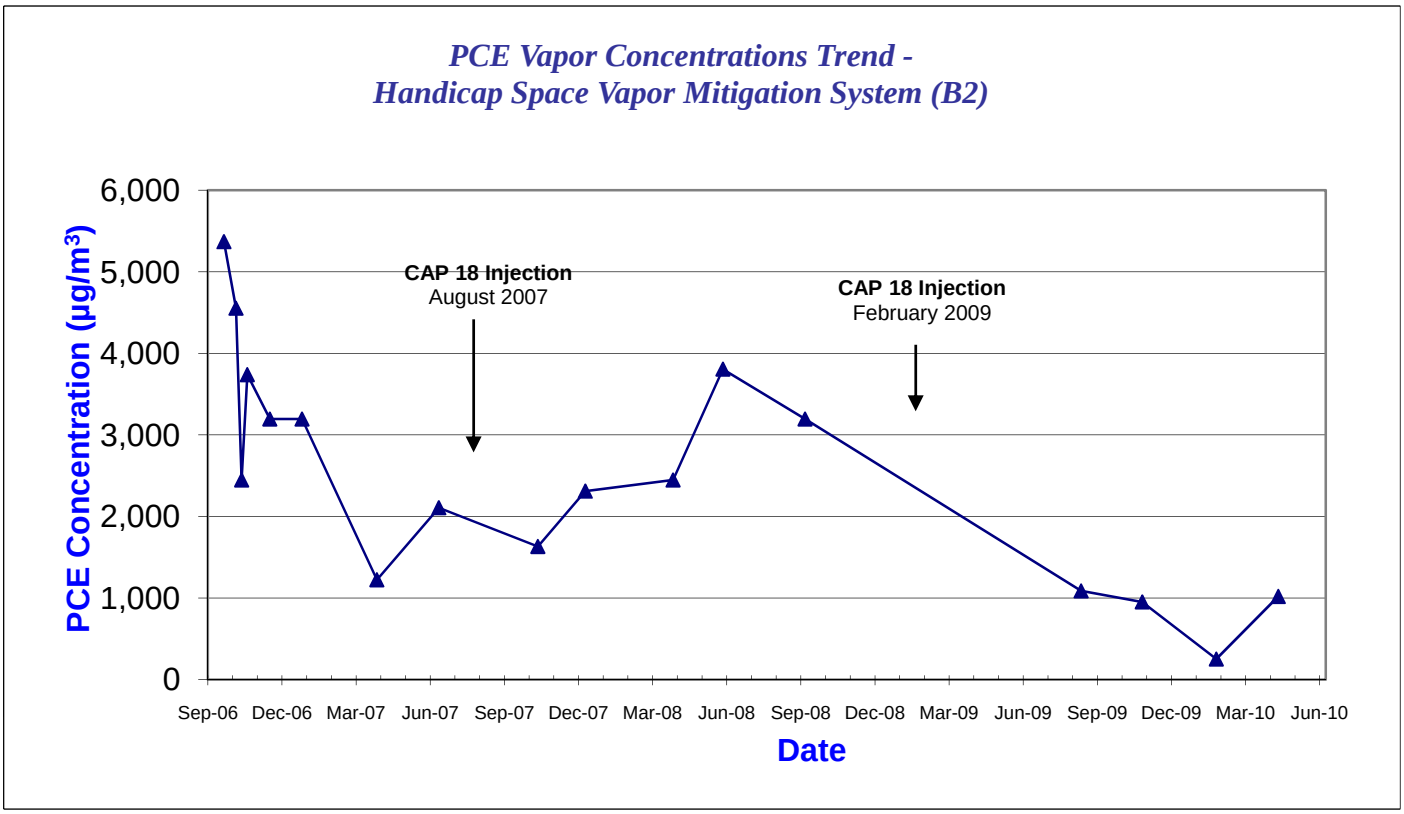
Mundell & Associates, Inc.
110 South Downey Avenue
Indianapolis, Indiana 46219
www.MundellAssociates.com

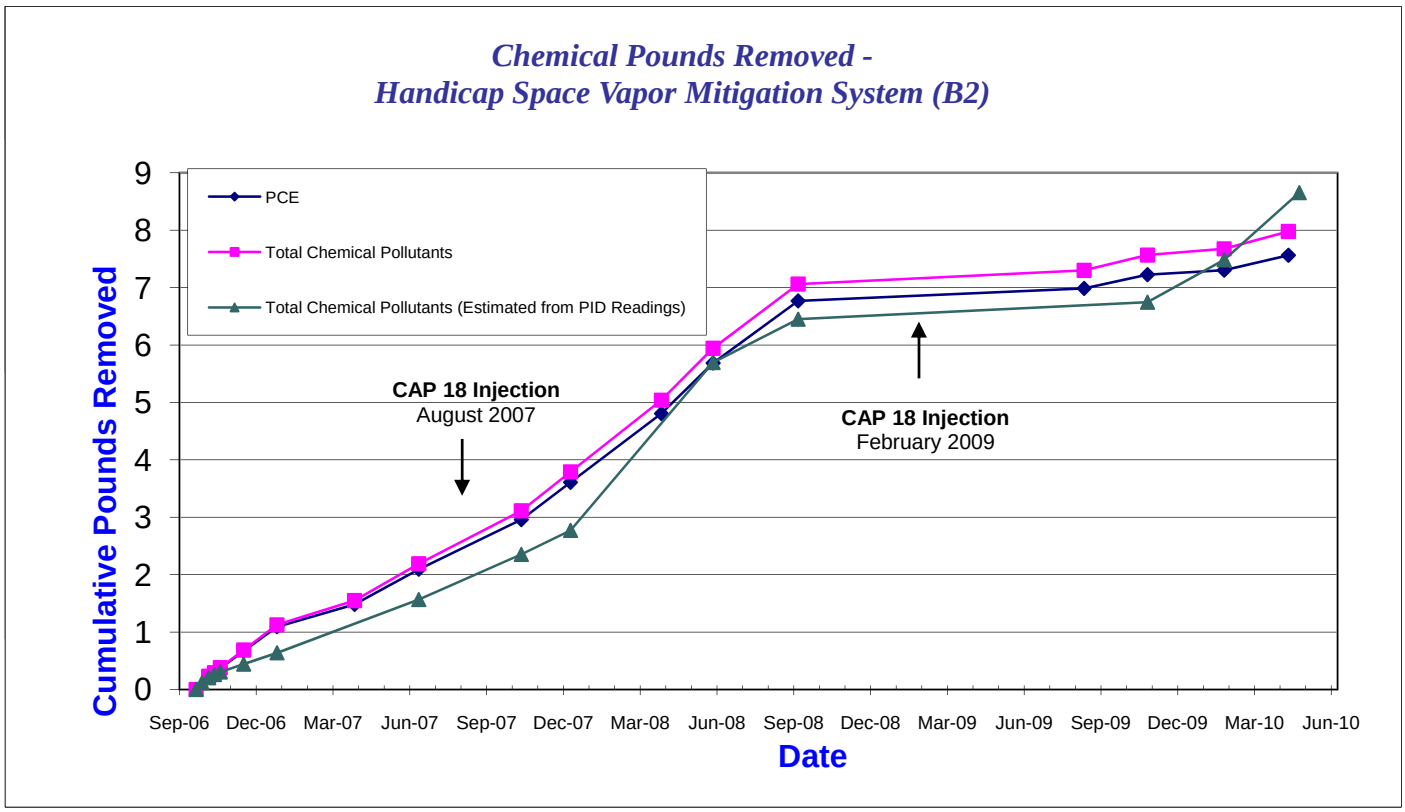
Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	7/7/2010
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-1 (Villiage Pantry)
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Avenue
Indianapolis, IN

FIGURE

6





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Indianapolis, Indiana 46219
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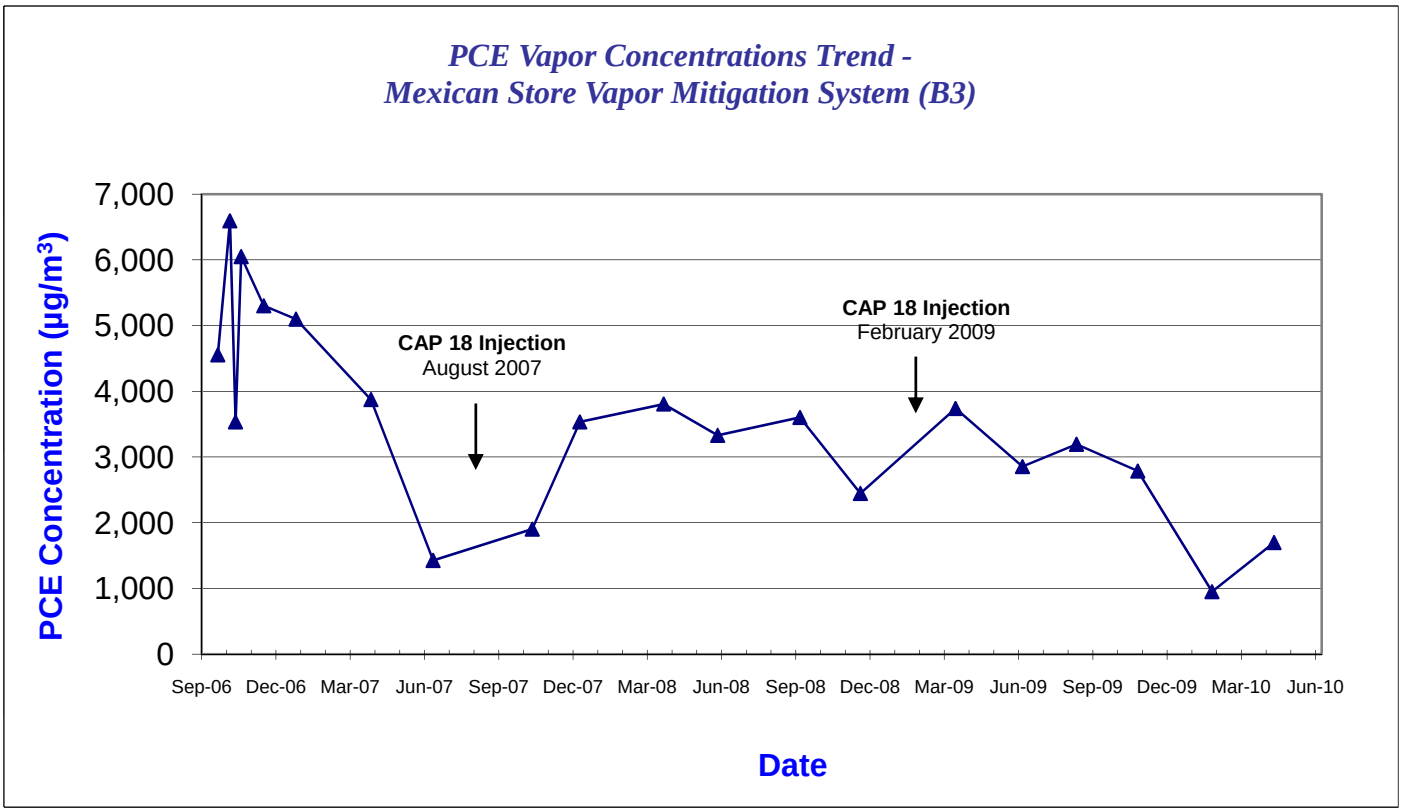
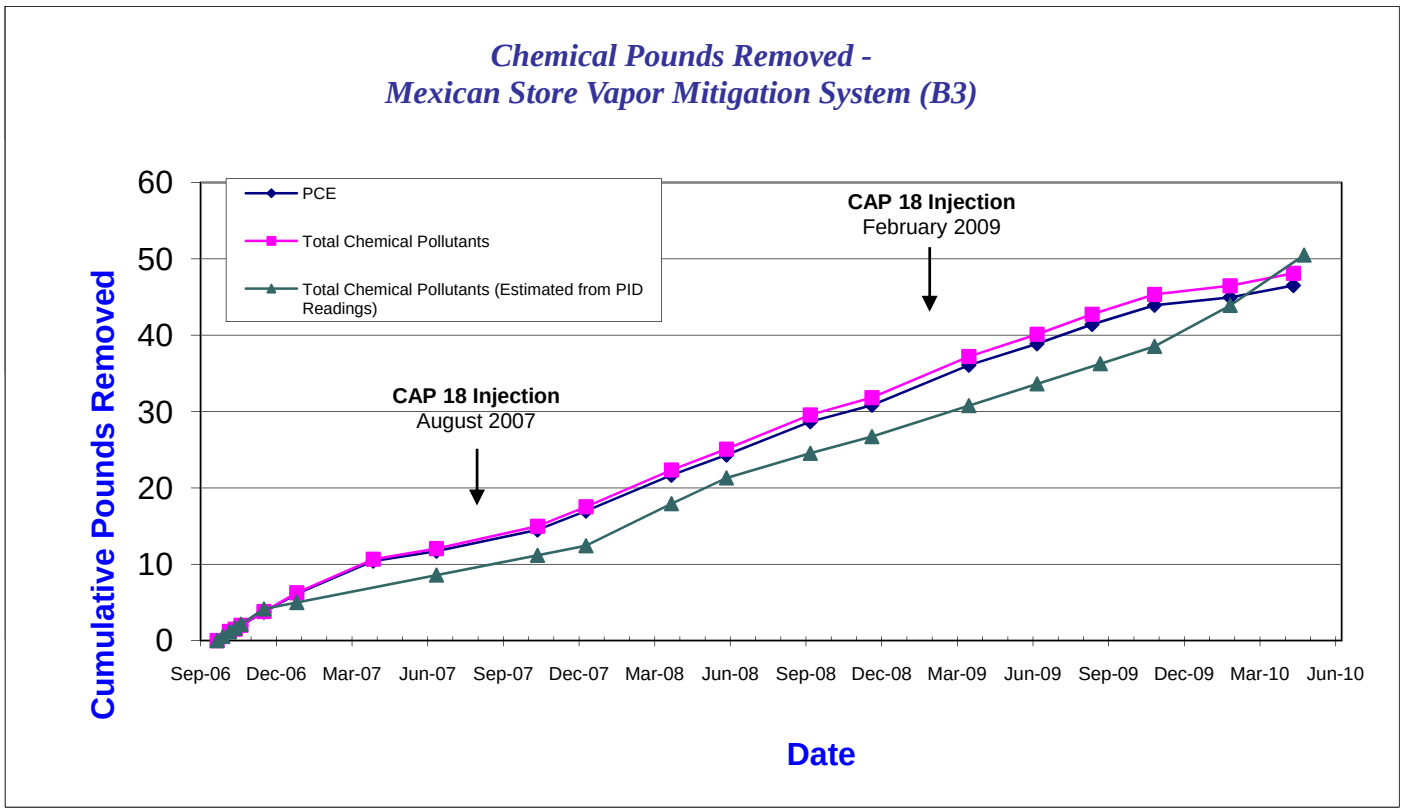
Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	7/7/2010
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-2 (Handicap Space)
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Avenue
Indianapolis, IN

FIGURE

7





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Indianapolis, Indiana 46219
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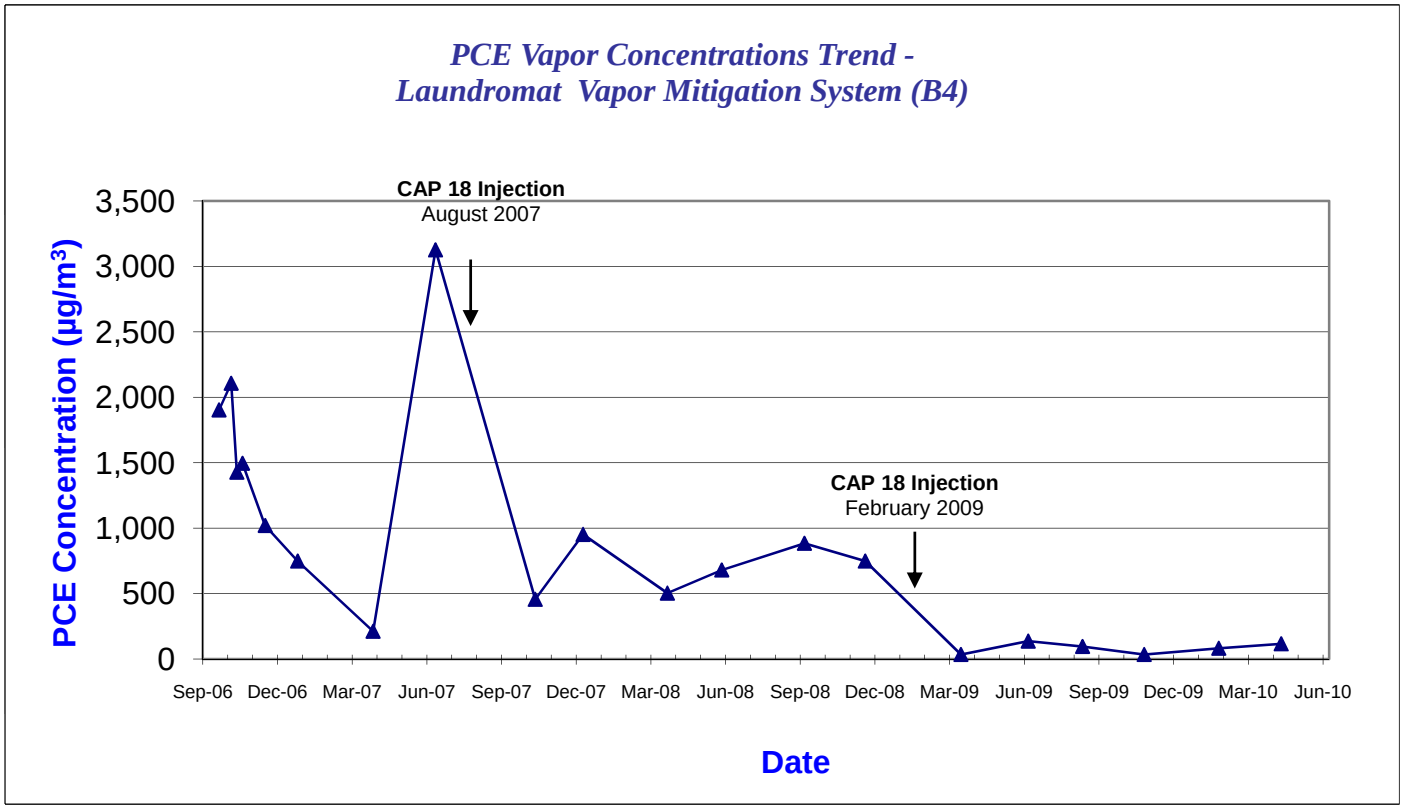
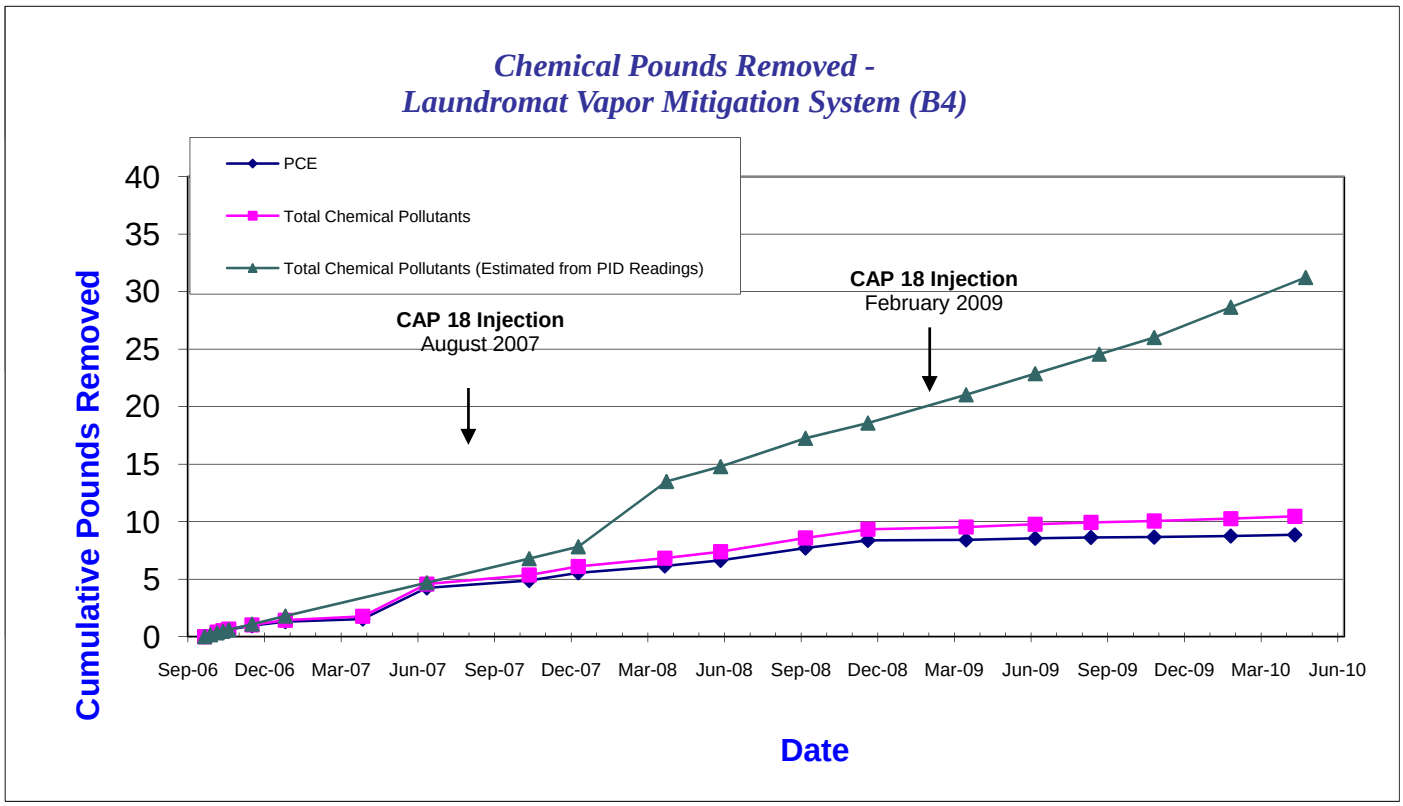
Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	7/7/2010
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-3 (Mexican Store)
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Avenue
Indianapolis, IN

FIGURE

8





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Indianapolis, Indiana 46219
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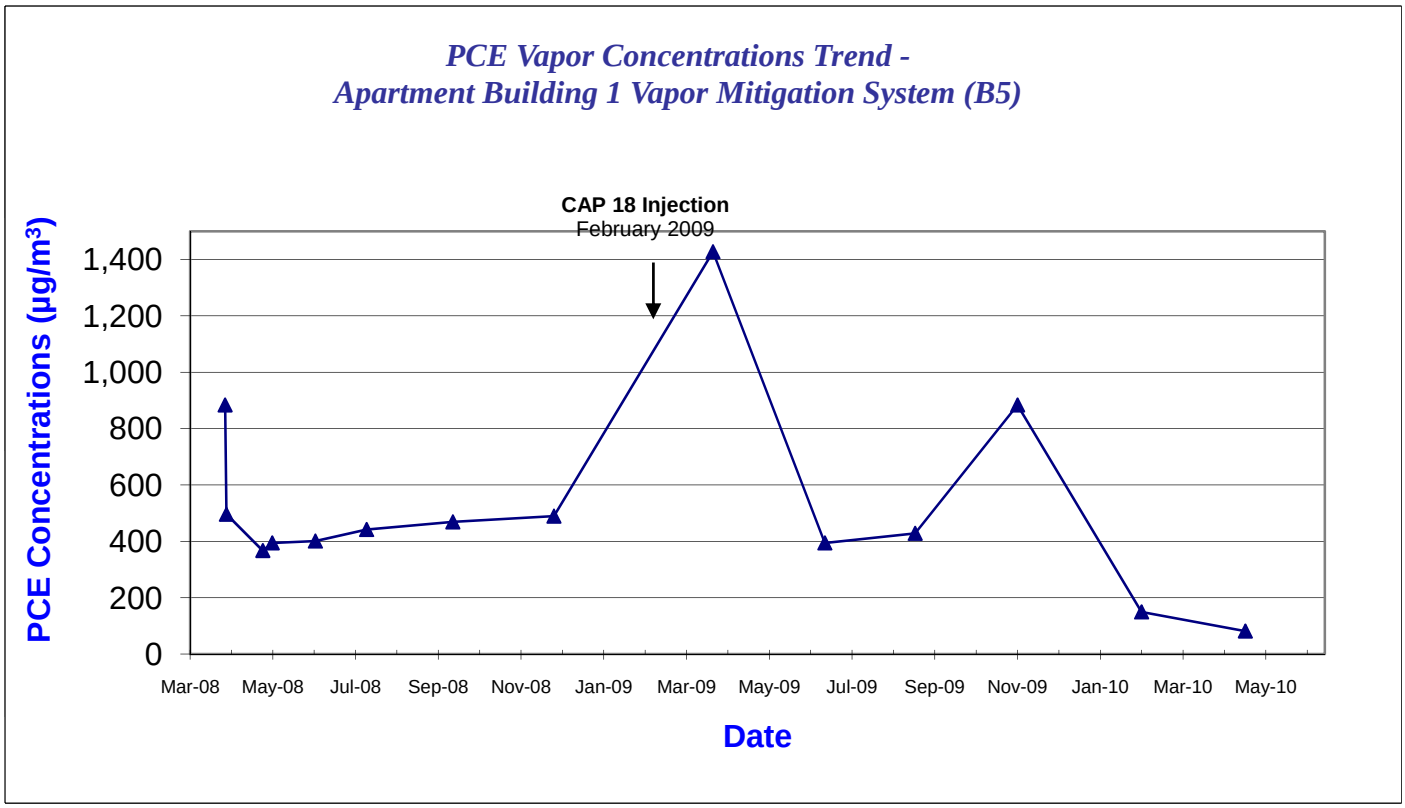
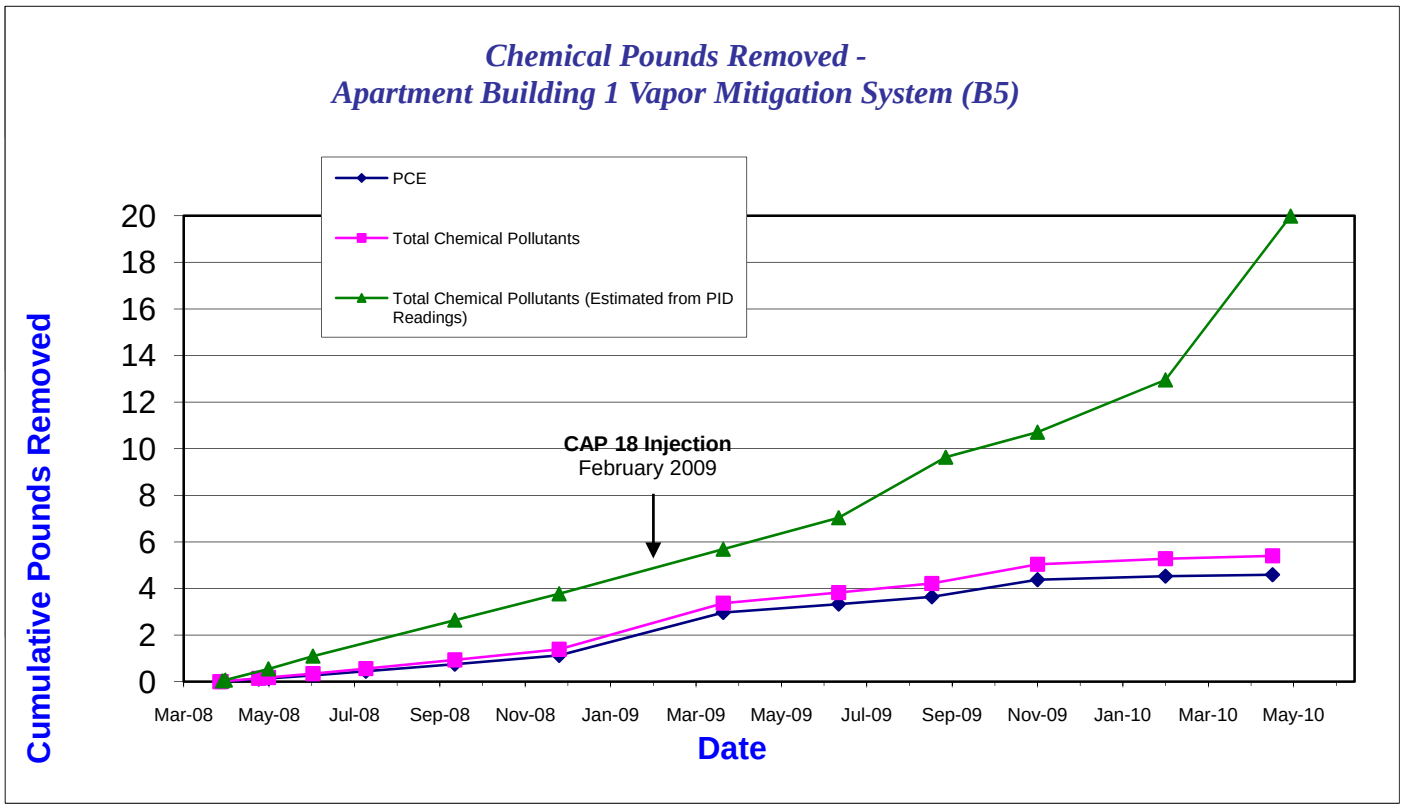
Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	7/7/2010
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-4 (Laundromat)
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Avenue
Indianapolis, IN

FIGURE

9





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Indianapolis, Indiana 46219
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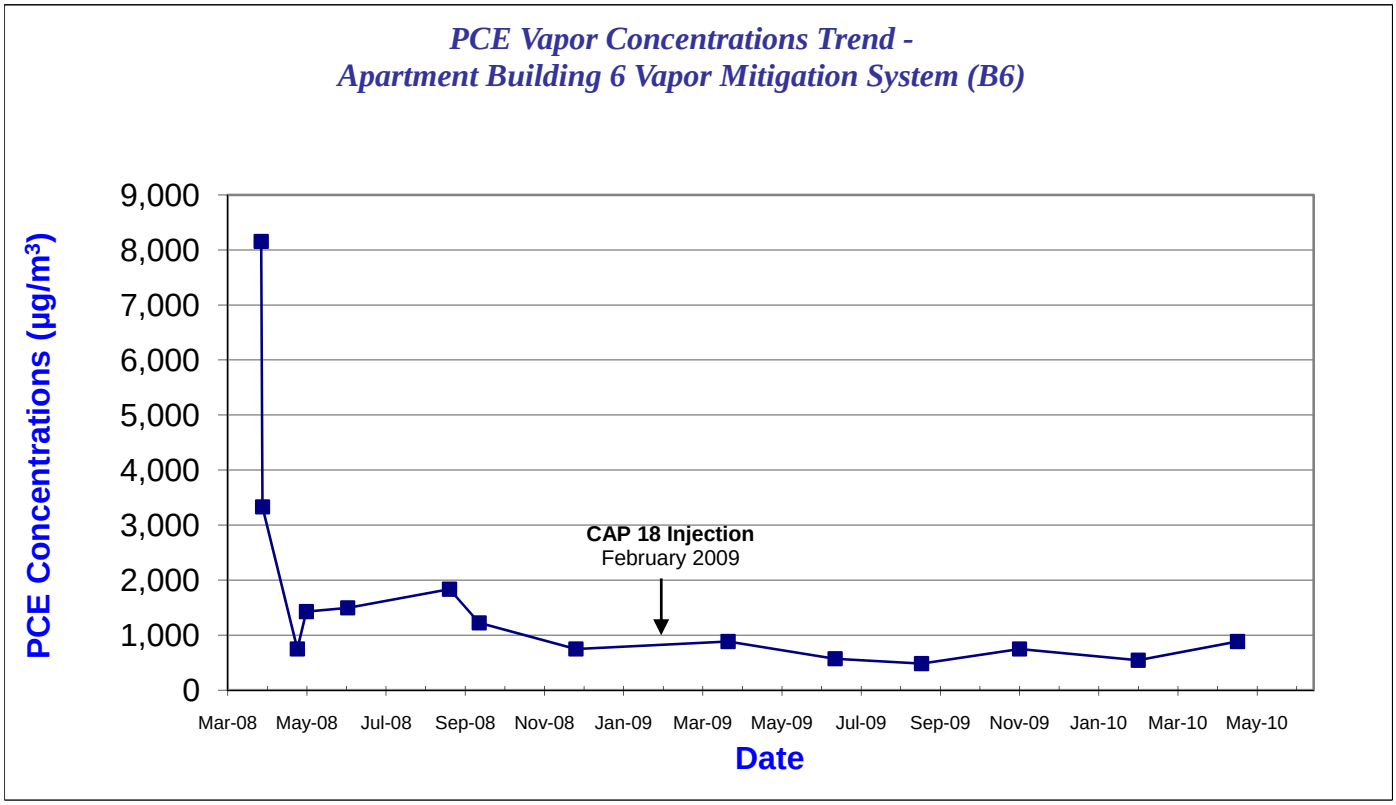
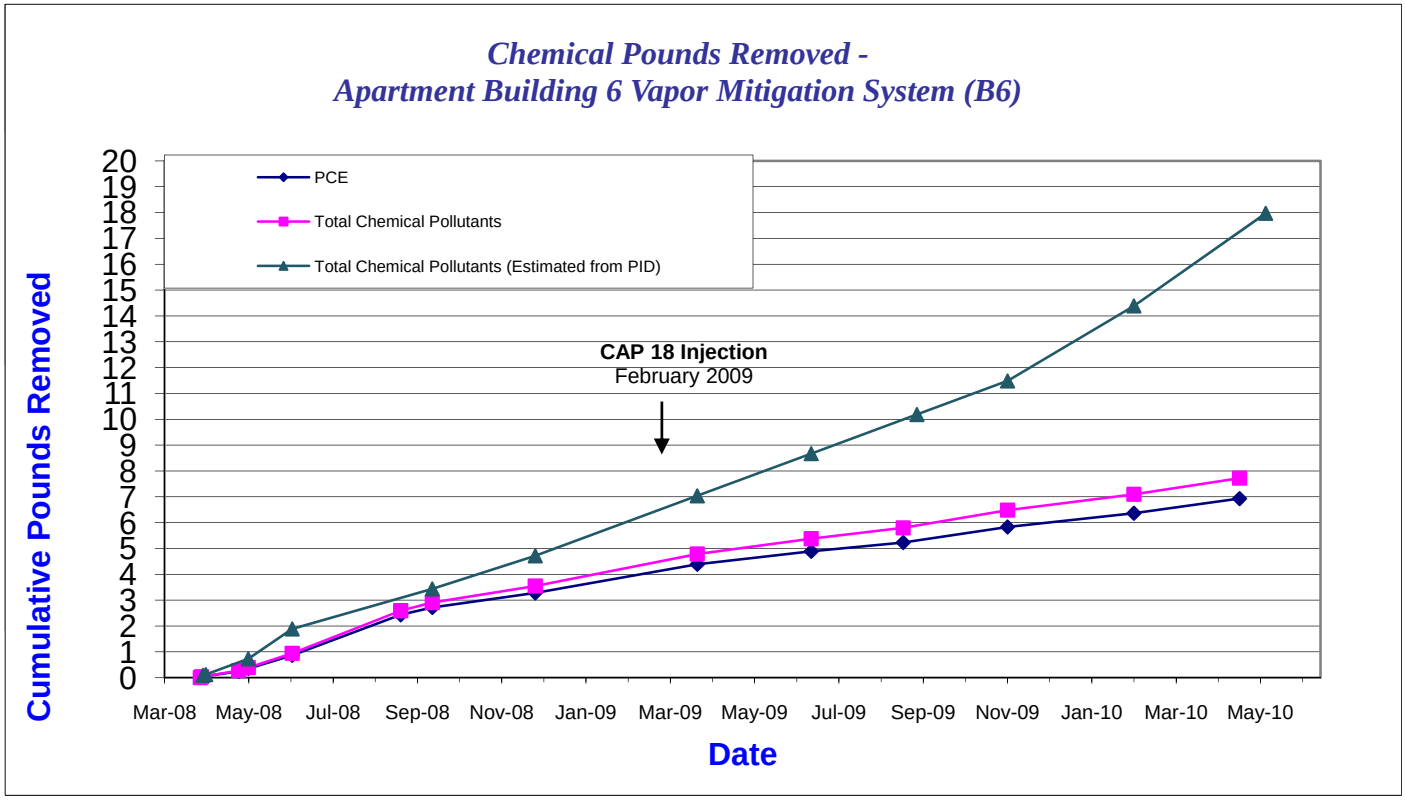
Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	7/7/2010
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-5 (Apartments, Bldg. 1)
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Avenue
Indianapolis, IN

FIGURE

10





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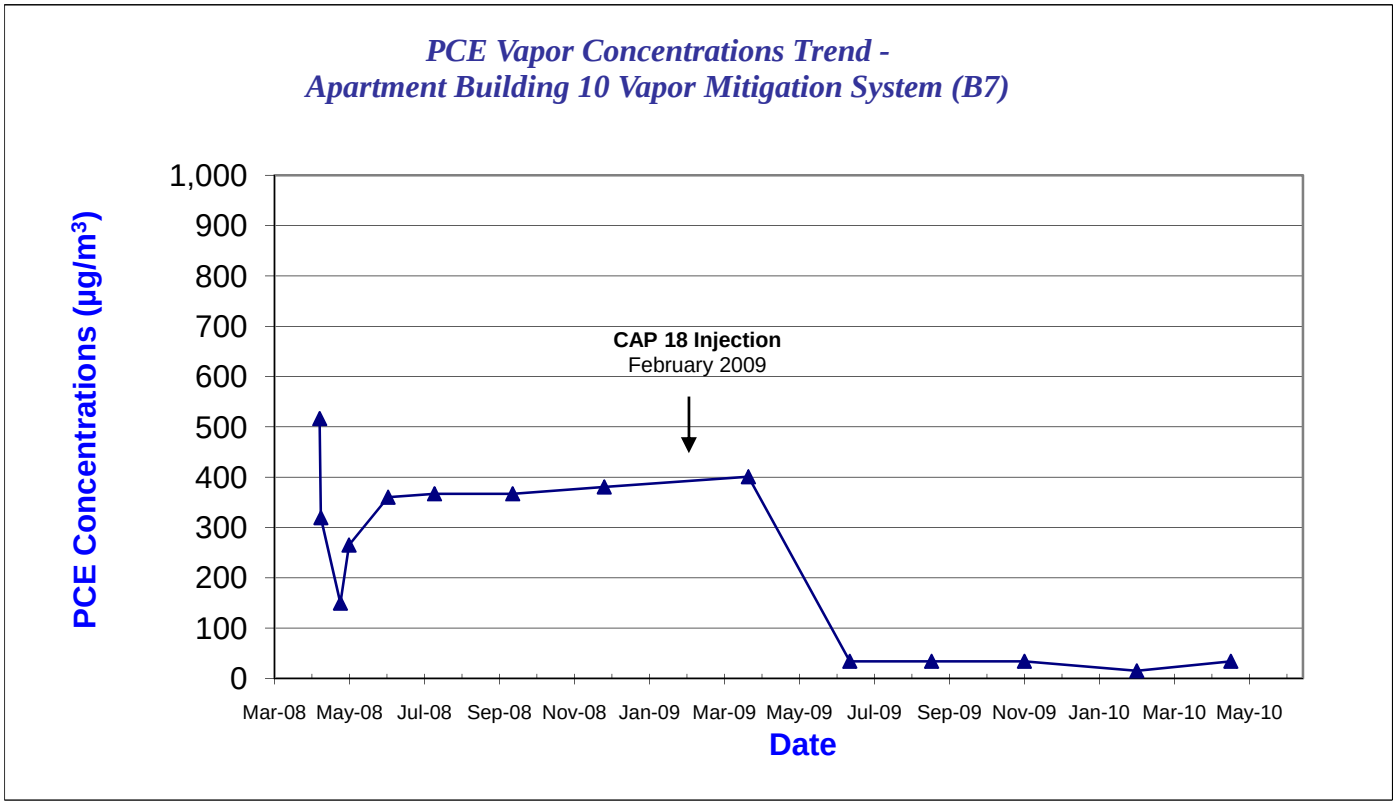
Indianapolis, Indiana 46219
www.MundellAssociates.com

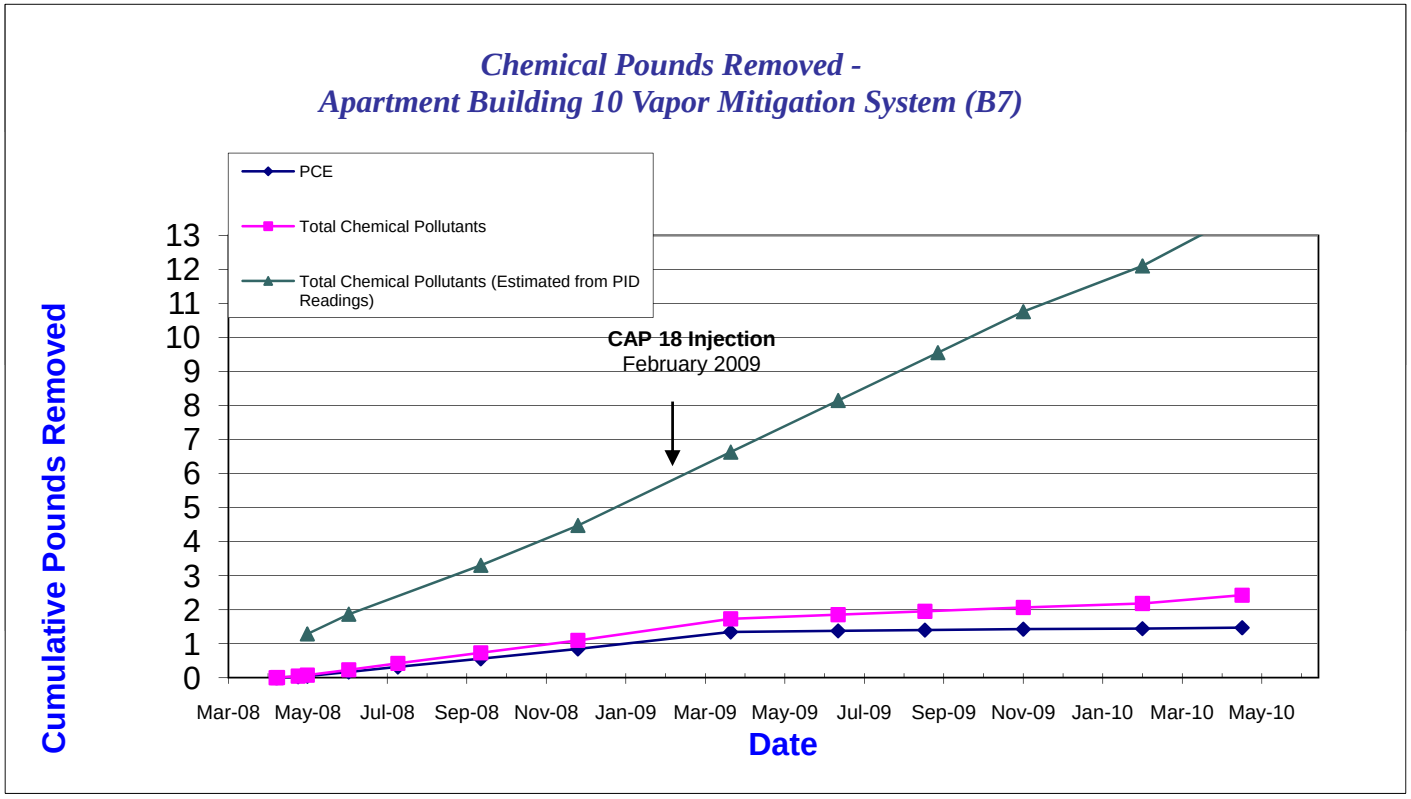
Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	7/7/2010
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-6 (Apartments, Bldg. 6)
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Avenue
Indianapolis, IN

FIGURE

11





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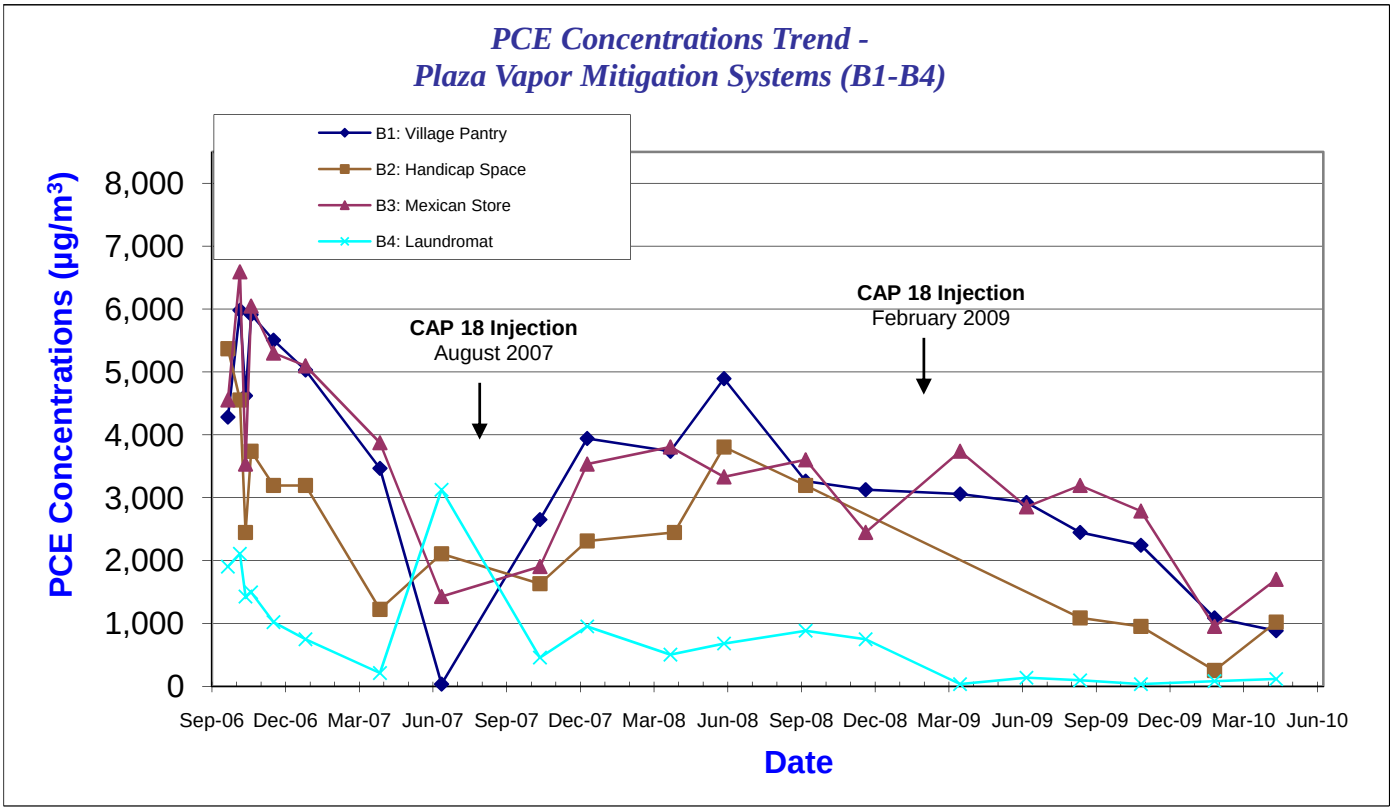
Mundell & Associates, Inc.
110 South Downey Avenue
Indianapolis, Indiana 46219
www.MundellAssociates.com

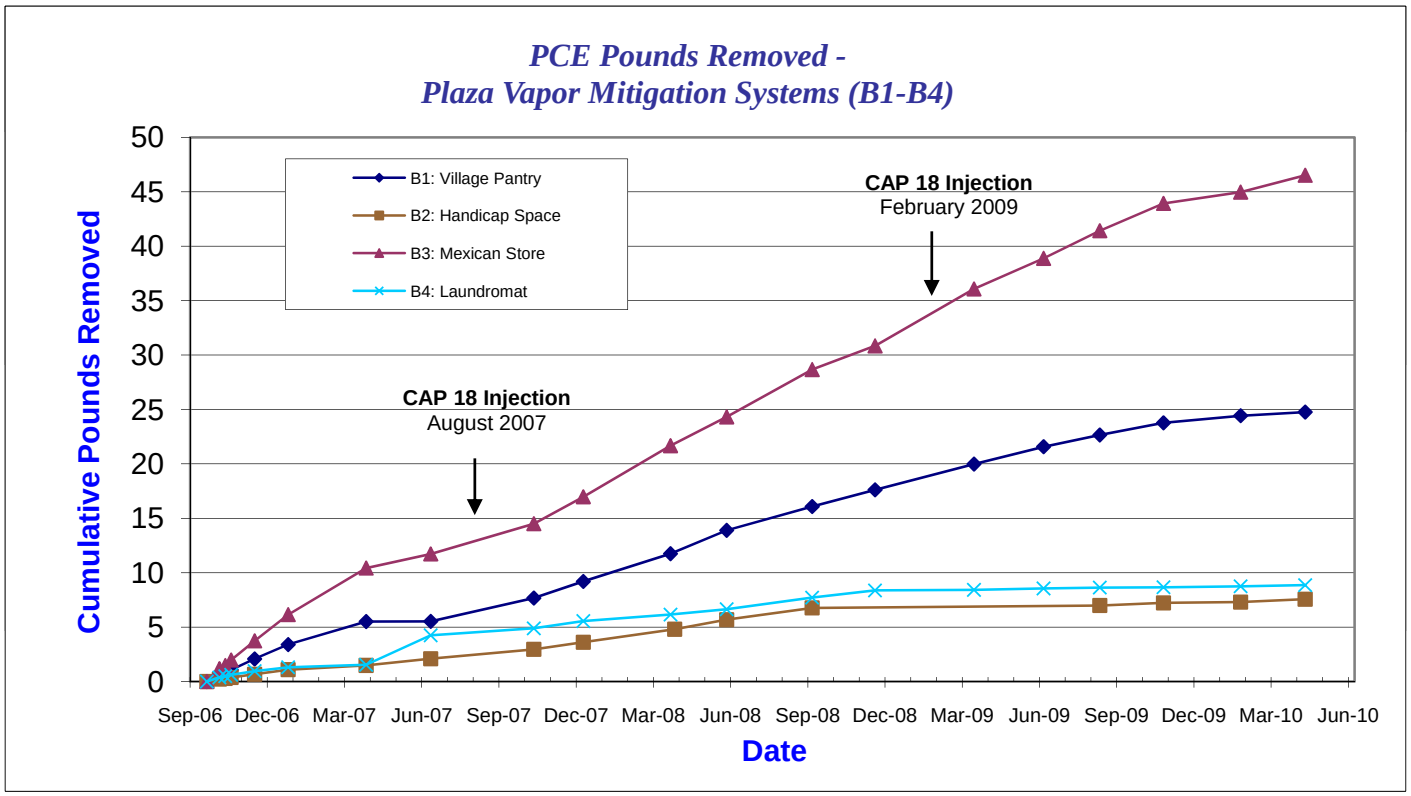
Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	7/7/2010
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-7 (Apartments, Bldg. 10)
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Avenue
Indianapolis, IN

FIGURE

12





Mundell Consulting Professionals for the Earth and the Environment

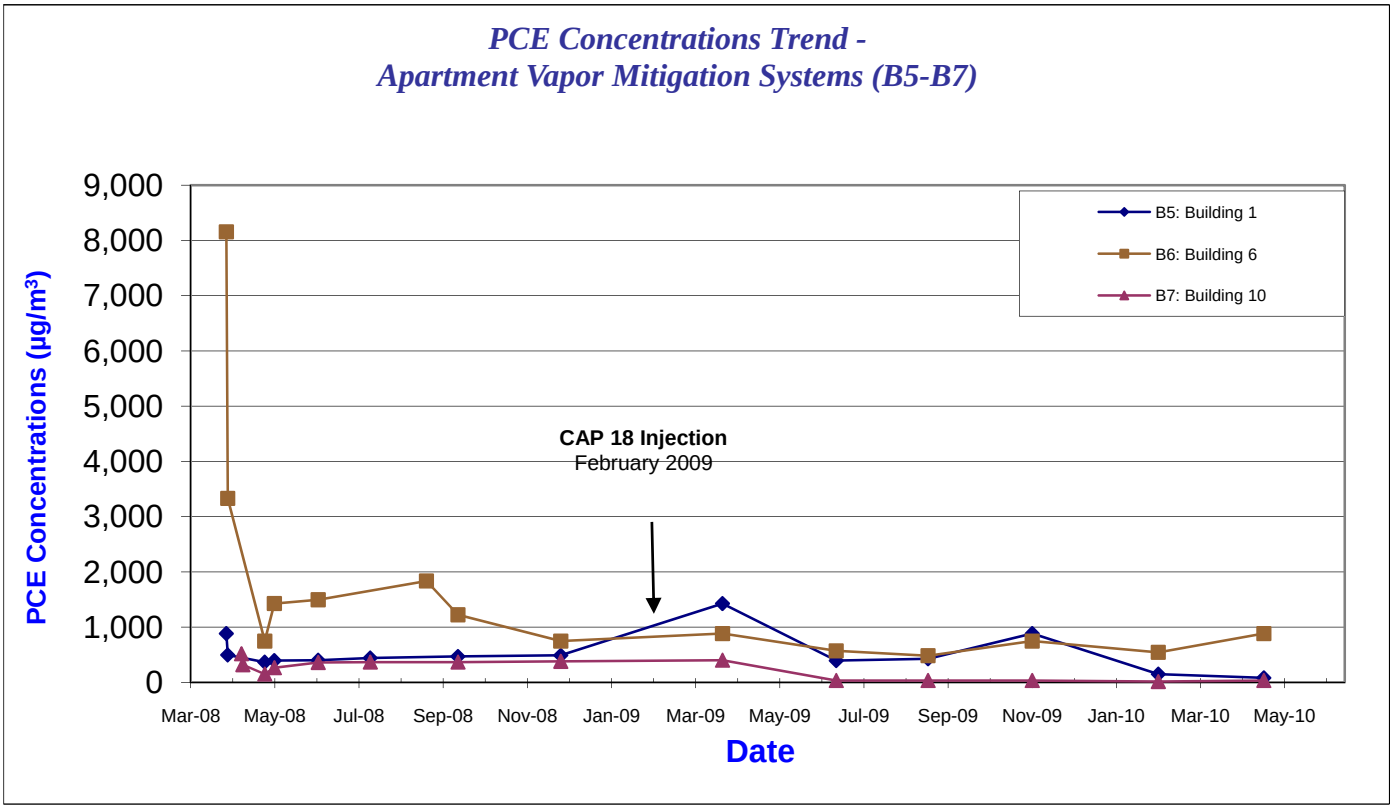
Mundell & Associates, Inc.
110 South Downey Avenue
Indianapolis, Indiana 46219
www.MundellAssociates.com

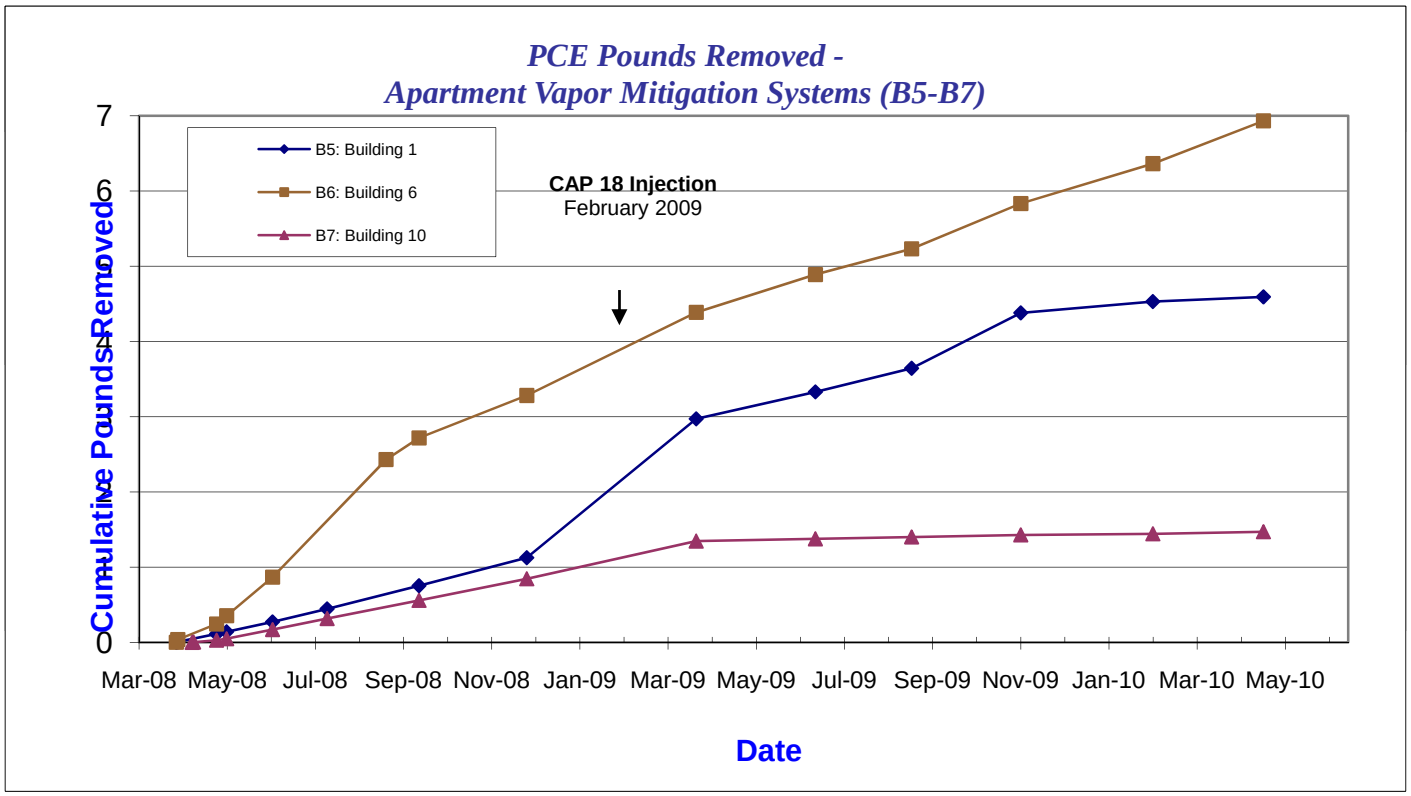
Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	7/7/2010
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation Systems B1-B4
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Avenue
Indianapolis, IN

FIGURE

13





Mundell & Associates, Inc.
110 South Downey Avenue
Indianapolis, Indiana 46219
www.MundellAssociates.com

Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	7/7/2010
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation Systems B5-B7 (Apartments)
Second Quarter 2010
Michigan Plaza
3801-3823 West Michigan Avenue
Indianapolis, IN

FIGURE

14

APPENDIX A

Lab Analytical Results

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

May 03, 2010

Ms. Sarah Webb
Mundell & Associates
110 South Downey Ave.
Indianapolis, IN 46219

RE: Project: MI Plaza / M01046
Pace Project No.: 5036859

Dear Ms. Webb:
Enclosed are the analytical results for sample(s) received by the laboratory on April 22, 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,

Tina Sayer

Tina Sayer

tina.sayer@pacelabs.com
Project Manager

7726 Moller Road Indianapolis, IN 46268
Illinois/NELAC Certification #: 100418
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042
Ohio VAP: CL0065
Pennsylvania: 68-00791
West Virginia Certification #: 330

Enclosures

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Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

SAMPLE SUMMARY

Project: MI Plaza / M01046
Pace Project No.: 5036859

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5036859001	**MW-167S**	Water	04/21/10 14:06	04/22/10 10:45
5036859002	**MW-167D**	Water	04/21/10 14:31	04/22/10 10:45
5036859003	**MW-168S**	Water	04/21/10 09:55	04/22/10 10:45
5036859004	**MW-168D**	Water	04/21/10 10:04	04/22/10 10:45
5036859005	**MW-169S**	Water	04/21/10 13:42	04/22/10 10:45
5036859006	**MW-169D**	Water	04/21/10 13:28	04/22/10 10:45
5036859007	**MW-170S**	Water	04/21/10 11:36	04/22/10 10:45
5036859008	**MW-170D**	Water	04/21/10 11:20	04/22/10 10:45
5036859009	**MW-171S**	Water	04/21/10 10:55	04/22/10 10:45
5036859010	**MW-171D**	Water	04/21/10 10:37	04/22/10 10:45
5036859011	**MMW-C-01**	Water	04/21/10 15:19	04/22/10 10:45
5036859012	**MMW-C-02**	Water	04/21/10 15:03	04/22/10 10:45
5036859013	**MMW-3S**	Water	04/20/10 14:32	04/22/10 10:45
5036859014	**MMW-4D**	Water	04/20/10 14:16	04/22/10 10:45
5036859015	**MMW-5D**	Water	04/20/10 13:09	04/22/10 10:45
5036859016	**MMW-6D**	Water	04/20/10 13:27	04/22/10 10:45
5036859017	**MMW-7S**	Water	04/20/10 13:50	04/22/10 10:45
5036859018	**MMW-12S**	Water	04/20/10 14:49	04/22/10 10:45
5036859019	**MMW-14D**	Water	04/20/10 15:04	04/22/10 10:45
5036859020	**MMW-P-04**	Water	04/21/10 12:56	04/22/10 10:45
5036859021	**TRIP BLANK**	Water	04/21/10 12:56	04/22/10 10:45

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7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

SAMPLE ANALYTE COUNT

Project: MI Plaza / M01046
Pace Project No.: 5036859

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5036859001	**MW-167S**	EPA 8260	ALA	20
5036859002	**MW-167D**	EPA 8260	ALA	20
5036859003	**MW-168S**	EPA 8260	ALA	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036859004	**MW-168D**	EPA 8260	ALA	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036859005	**MW-169S**	EPA 8260	ALA	20
5036859006	**MW-169D**	EPA 8260	ALA	20
5036859007	**MW-170S**	EPA 8260	ALA	20
5036859008	**MW-170D**	EPA 8260	ALA	20
5036859009	**MW-171S**	EPA 8260	ALA	20
5036859010	**MW-171D**	EPA 8260	ALA	20
5036859011	**MMW-C-01**	EPA 8260	ALA	20
5036859012	**MMW-C-02**	EPA 8260	ALA	20
5036859013	**MMW-3S**	EPA 8260	ALA	20
5036859014	**MMW-4D**	EPA 8260	ALA	20
5036859015	**MMW-5D**	EPA 8260	ALA	20
5036859016	**MMW-6D**	EPA 8260	ALA	20
5036859017	**MMW-7S**	EPA 8260	ALA	20
5036859018	**MMW-12S**	EPA 8260	ALA	20
5036859019	**MMW-14D**	EPA 8260	ALA	20
5036859020	**MMW-P-04**	EPA 8260	ALA	20
5036859021	**TRIP BLANK**	EPA 8260	ALA	20

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-167S **Lab ID: 5036859001** Collected: 04/21/10 14:06 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 13:47	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 13:47	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 13:47	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 13:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 13:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 13:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 13:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 13:47	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 13:47	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 13:47	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 13:47	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 13:47	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 13:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 13:47	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 13:47	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/28/10 13:47	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 13:47	1330-20-7	
Dibromofluoromethane (S)	101	%	80-123	1		04/28/10 13:47	1868-53-7	
4-Bromofluorobenzene (S)	103	%	70-126	1		04/28/10 13:47	460-00-4	
Toluene-d8 (S)	97	%	80-116	1		04/28/10 13:47	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-167D **Lab ID: 5036859002** Collected: 04/21/10 14:31 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 09:32	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 09:32	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 09:32	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 09:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 09:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 09:32	75-35-4	
cis-1,2-Dichloroethene	**626**	ug/L	50.0	10		04/28/10 10:04	156-59-2	
trans-1,2-Dichloroethene	**22.1**	ug/L	5.0	1		04/28/10 09:32	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 09:32	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 09:32	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 09:32	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 09:32	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 09:32	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 09:32	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 09:32	79-01-6	
Vinyl chloride	**25.6**	ug/L	2.0	1		04/28/10 09:32	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 09:32	1330-20-7	
Dibromofluoromethane (S)	104	%	80-123	1		04/28/10 09:32	1868-53-7	
4-Bromofluorobenzene (S)	105	%	70-126	1		04/28/10 09:32	460-00-4	
Toluene-d8 (S)	98	%	80-116	1		04/28/10 09:32	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-168S **Lab ID: 5036859003** Collected: 04/21/10 09:55 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 10:36	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 10:36	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 10:36	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 10:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 10:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 10:36	75-35-4	
cis-1,2-Dichloroethene	**21.9**	ug/L	5.0	1		04/28/10 10:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 10:36	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 10:36	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 10:36	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 10:36	91-20-3	
Tetrachloroethene	**14.0**	ug/L	5.0	1		04/28/10 10:36	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 10:36	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 10:36	71-55-6	
Trichloroethene	**7.0**	ug/L	5.0	1		04/28/10 10:36	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/28/10 10:36	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 10:36	1330-20-7	
Dibromofluoromethane (S)	100	%	80-123	1		04/28/10 10:36	1868-53-7	
4-Bromofluorobenzene (S)	100	%	70-126	1		04/28/10 10:36	460-00-4	
Toluene-d8 (S)	96	%	80-116	1		04/28/10 10:36	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		04/22/10 14:26		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**140**	mg/L	50.0	1		04/23/10 14:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-168D **Lab ID: 5036859004** Collected: 04/21/10 10:04 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 14:51	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 14:51	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 14:51	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 14:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 14:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 14:51	75-35-4	
cis-1,2-Dichloroethene	**13.2**	ug/L	5.0	1		04/28/10 14:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 14:51	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 14:51	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 14:51	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 14:51	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 14:51	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 14:51	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 14:51	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 14:51	79-01-6	
Vinyl chloride	**134**	ug/L	2.0	1		04/28/10 14:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 14:51	1330-20-7	
Dibromofluoromethane (S)	103	%	80-123	1		04/28/10 14:51	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		04/28/10 14:51	460-00-4	
Toluene-d8 (S)	96	%	80-116	1		04/28/10 14:51	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		04/22/10 14:28		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**79.7**	mg/L	25.0	1		04/23/10 14:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-169S **Lab ID: 5036859005** Collected: 04/21/10 13:42 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 15:23	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 15:23	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 15:23	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 15:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 15:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 15:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 15:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 15:23	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 15:23	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 15:23	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 15:23	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 15:23	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 15:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 15:23	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 15:23	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/28/10 15:23	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 15:23	1330-20-7	
Dibromofluoromethane (S)	101	%	80-123	1		04/28/10 15:23	1868-53-7	
4-Bromofluorobenzene (S)	99	%	70-126	1		04/28/10 15:23	460-00-4	
Toluene-d8 (S)	98	%	80-116	1		04/28/10 15:23	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-169D **Lab ID: 5036859006** Collected: 04/21/10 13:28 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 15:55	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 15:55	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 15:55	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 15:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 15:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 15:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 15:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 15:55	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 15:55	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 15:55	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 15:55	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 15:55	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 15:55	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 15:55	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 15:55	79-01-6	
Vinyl chloride	**6.1**	ug/L	2.0	1		04/28/10 15:55	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 15:55	1330-20-7	
Dibromofluoromethane (S)	103	%	80-123	1		04/28/10 15:55	1868-53-7	
4-Bromofluorobenzene (S)	99	%	70-126	1		04/28/10 15:55	460-00-4	
Toluene-d8 (S)	90	%	80-116	1		04/28/10 15:55	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-170S **Lab ID: 5036859007** Collected: 04/21/10 11:36 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 16:27	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 16:27	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 16:27	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 16:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 16:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 16:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 16:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 16:27	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 16:27	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 16:27	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 16:27	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 16:27	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 16:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 16:27	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 16:27	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/28/10 16:27	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 16:27	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		04/28/10 16:27	1868-53-7	
4-Bromofluorobenzene (S)	103	%	70-126	1		04/28/10 16:27	460-00-4	
Toluene-d8 (S)	91	%	80-116	1		04/28/10 16:27	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-170D **Lab ID: 5036859008** Collected: 04/21/10 11:20 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 16:59	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 16:59	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 16:59	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 16:59	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 16:59	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 16:59	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 16:59	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 16:59	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 16:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 16:59	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 16:59	79-01-6	
Vinyl chloride	**161**	ug/L	2.0	1		04/28/10 16:59	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 16:59	1330-20-7	
Dibromofluoromethane (S)	101	%	80-123	1		04/28/10 16:59	1868-53-7	
4-Bromofluorobenzene (S)	104	%	70-126	1		04/28/10 16:59	460-00-4	
Toluene-d8 (S)	92	%	80-116	1		04/28/10 16:59	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-171S **Lab ID: 5036859009** Collected: 04/21/10 10:55 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 17:31	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 17:31	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 17:31	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 17:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 17:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 17:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 17:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 17:31	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 17:31	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 17:31	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 17:31	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 17:31	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 17:31	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 17:31	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 17:31	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/28/10 17:31	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 17:31	1330-20-7	
Dibromofluoromethane (S)	97	%	80-123	1		04/28/10 17:31	1868-53-7	
4-Bromofluorobenzene (S)	103	%	70-126	1		04/28/10 17:31	460-00-4	
Toluene-d8 (S)	97	%	80-116	1		04/28/10 17:31	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MW-171D **Lab ID: 5036859010** Collected: 04/21/10 10:37 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 18:03	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 18:03	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 18:03	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 18:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 18:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 18:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 18:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 18:03	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 18:03	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 18:03	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 18:03	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 18:03	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 18:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 18:03	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 18:03	79-01-6	
Vinyl chloride	**6.3**	ug/L	2.0	1		04/28/10 18:03	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 18:03	1330-20-7	
Dibromofluoromethane (S)	102	%	80-123	1		04/28/10 18:03	1868-53-7	
4-Bromofluorobenzene (S)	100	%	70-126	1		04/28/10 18:03	460-00-4	
Toluene-d8 (S)	95	%	80-116	1		04/28/10 18:03	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-C-01 **Lab ID: 5036859011** Collected: 04/21/10 15:19 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 18:35	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 18:35	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 18:35	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 18:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 18:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 18:35	75-35-4	
cis-1,2-Dichloroethene	**165**	ug/L	5.0	1		04/28/10 18:35	156-59-2	
trans-1,2-Dichloroethene	**7.1**	ug/L	5.0	1		04/28/10 18:35	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 18:35	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 18:35	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 18:35	91-20-3	
Tetrachloroethene	**15.3**	ug/L	5.0	1		04/28/10 18:35	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 18:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 18:35	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 18:35	79-01-6	
Vinyl chloride	**1660**	ug/L	20.0	10		04/28/10 19:07	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 18:35	1330-20-7	
Dibromofluoromethane (S)	101	%	80-123	1		04/28/10 18:35	1868-53-7	
4-Bromofluorobenzene (S)	109	%	70-126	1		04/28/10 18:35	460-00-4	
Toluene-d8 (S)	99	%	80-116	1		04/28/10 18:35	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-C-02 **Lab ID: 5036859012** Collected: 04/21/10 15:03 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 19:39	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 19:39	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 19:39	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 19:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 19:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 19:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 19:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 19:39	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 19:39	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 19:39	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 19:39	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 19:39	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 19:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 19:39	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 19:39	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/28/10 19:39	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 19:39	1330-20-7	
Dibromofluoromethane (S)	105	%	80-123	1		04/28/10 19:39	1868-53-7	
4-Bromofluorobenzene (S)	100	%	70-126	1		04/28/10 19:39	460-00-4	
Toluene-d8 (S)	96	%	80-116	1		04/28/10 19:39	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-3S **Lab ID: 5036859013** Collected: 04/20/10 14:32 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 20:11	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 20:11	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 20:11	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 20:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 20:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 20:11	75-35-4	
cis-1,2-Dichloroethene	**8.0**	ug/L	5.0	1		04/28/10 20:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 20:11	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 20:11	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 20:11	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 20:11	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 20:11	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 20:11	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 20:11	71-55-6	
Trichloroethene	**15.9**	ug/L	5.0	1		04/28/10 20:11	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/28/10 20:11	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 20:11	1330-20-7	
Dibromofluoromethane (S)	107	%	80-123	1		04/28/10 20:11	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		04/28/10 20:11	460-00-4	
Toluene-d8 (S)	91	%	80-116	1		04/28/10 20:11	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-4D **Lab ID: 5036859014** Collected: 04/20/10 14:16 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/29/10 14:29	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/29/10 14:29	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/29/10 14:29	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/29/10 14:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/29/10 14:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/29/10 14:29	75-35-4	
cis-1,2-Dichloroethene	**719**	ug/L	50.0	10		04/28/10 21:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/10 14:29	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/29/10 14:29	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/29/10 14:29	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/29/10 14:29	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/29/10 14:29	127-18-4	
Toluene	ND	ug/L	5.0	1		04/29/10 14:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/29/10 14:29	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/29/10 14:29	79-01-6	
Vinyl chloride	**237**	ug/L	2.0	1		04/29/10 14:29	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/29/10 14:29	1330-20-7	
Dibromofluoromethane (S)	106	%	80-123	1		04/29/10 14:29	1868-53-7	
4-Bromofluorobenzene (S)	104	%	70-126	1		04/29/10 14:29	460-00-4	
Toluene-d8 (S)	94	%	80-116	1		04/29/10 14:29	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-5D **Lab ID: 5036859015** Collected: 04/20/10 13:09 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 21:50	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 21:50	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 21:50	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 21:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 21:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 21:50	75-35-4	
cis-1,2-Dichloroethene	**943**	ug/L	50.0	10		04/28/10 22:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 21:50	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 21:50	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 21:50	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 21:50	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 21:50	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 21:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 21:50	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 21:50	79-01-6	
Vinyl chloride	**204**	ug/L	2.0	1		04/28/10 21:50	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 21:50	1330-20-7	
Dibromofluoromethane (S)	109	%	80-123	1		04/28/10 21:50	1868-53-7	
4-Bromofluorobenzene (S)	101	%	70-126	1		04/28/10 21:50	460-00-4	
Toluene-d8 (S)	92	%	80-116	1		04/28/10 21:50	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-6D **Lab ID: 5036859016** Collected: 04/20/10 13:27 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/28/10 22:56	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/28/10 22:56	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/28/10 22:56	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/28/10 22:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/28/10 22:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/28/10 22:56	75-35-4	
cis-1,2-Dichloroethene	**8.2**	ug/L	5.0	1		04/28/10 22:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/28/10 22:56	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/28/10 22:56	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/28/10 22:56	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/28/10 22:56	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/28/10 22:56	127-18-4	
Toluene	ND	ug/L	5.0	1		04/28/10 22:56	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/28/10 22:56	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/28/10 22:56	79-01-6	
Vinyl chloride	**63.6**	ug/L	2.0	1		04/28/10 22:56	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/28/10 22:56	1330-20-7	
Dibromofluoromethane (S)	109	%	80-123	1		04/28/10 22:56	1868-53-7	
4-Bromofluorobenzene (S)	104	%	70-126	1		04/28/10 22:56	460-00-4	
Toluene-d8 (S)	101	%	80-116	1		04/28/10 22:56	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-7S **Lab ID: 5036859017** Collected: 04/20/10 13:50 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/29/10 02:32	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/29/10 02:32	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/29/10 02:32	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/29/10 02:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/29/10 02:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/29/10 02:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/10 02:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/10 02:32	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/29/10 02:32	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/29/10 02:32	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/29/10 02:32	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/29/10 02:32	127-18-4	
Toluene	ND	ug/L	5.0	1		04/29/10 02:32	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/29/10 02:32	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/29/10 02:32	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/29/10 02:32	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/29/10 02:32	1330-20-7	
Dibromofluoromethane (S)	105	%	80-123	1		04/29/10 02:32	1868-53-7	
4-Bromofluorobenzene (S)	101	%	70-126	1		04/29/10 02:32	460-00-4	
Toluene-d8 (S)	88	%	80-116	1		04/29/10 02:32	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-12S **Lab ID: 5036859018** Collected: 04/20/10 14:49 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/29/10 03:05	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/29/10 03:05	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/29/10 03:05	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/29/10 03:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/29/10 03:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/29/10 03:05	75-35-4	
cis-1,2-Dichloroethene	**5.3**	ug/L	5.0	1		04/29/10 03:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/10 03:05	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/29/10 03:05	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/29/10 03:05	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/29/10 03:05	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/29/10 03:05	127-18-4	
Toluene	ND	ug/L	5.0	1		04/29/10 03:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/29/10 03:05	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/29/10 03:05	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/29/10 03:05	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/29/10 03:05	1330-20-7	
Dibromofluoromethane (S)	107	%	80-123	1		04/29/10 03:05	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		04/29/10 03:05	460-00-4	
Toluene-d8 (S)	89	%	80-116	1		04/29/10 03:05	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-14D **Lab ID: 5036859019** Collected: 04/20/10 15:04 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/29/10 03:39	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/29/10 03:39	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/29/10 03:39	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/29/10 03:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/29/10 03:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/29/10 03:39	75-35-4	
cis-1,2-Dichloroethene	**763**	ug/L	50.0	10		04/29/10 04:13	156-59-2	
trans-1,2-Dichloroethene	**14.1**	ug/L	5.0	1		04/29/10 03:39	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/29/10 03:39	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/29/10 03:39	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/29/10 03:39	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/29/10 03:39	127-18-4	
Toluene	ND	ug/L	5.0	1		04/29/10 03:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/29/10 03:39	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/29/10 03:39	79-01-6	
Vinyl chloride	**72.8**	ug/L	2.0	1		04/29/10 03:39	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/29/10 03:39	1330-20-7	
Dibromofluoromethane (S)	102	%	80-123	1		04/29/10 03:39	1868-53-7	
4-Bromofluorobenzene (S)	100	%	70-126	1		04/29/10 03:39	460-00-4	
Toluene-d8 (S)	89	%	80-116	1		04/29/10 03:39	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: MMW-P-04 **Lab ID: 5036859020** Collected: 04/21/10 12:56 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/29/10 04:47	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/29/10 04:47	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/29/10 04:47	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/29/10 04:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/29/10 04:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/29/10 04:47	75-35-4	
cis-1,2-Dichloroethene	**268**	ug/L	5.0	1		04/29/10 04:47	156-59-2	
trans-1,2-Dichloroethene	**15.8**	ug/L	5.0	1		04/29/10 04:47	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/29/10 04:47	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/29/10 04:47	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/29/10 04:47	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/29/10 04:47	127-18-4	
Toluene	ND	ug/L	5.0	1		04/29/10 04:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/29/10 04:47	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/29/10 04:47	79-01-6	
Vinyl chloride	**364**	ug/L	20.0	10		04/29/10 05:21	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/29/10 04:47	1330-20-7	
Dibromofluoromethane (S)	103	%	80-123	1		04/29/10 04:47	1868-53-7	
4-Bromofluorobenzene (S)	103	%	70-126	1		04/29/10 04:47	460-00-4	
Toluene-d8 (S)	92	%	80-116	1		04/29/10 04:47	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza / M01046
Pace Project No.: 5036859

Sample: TRIP BLANK **Lab ID: 5036859021** Collected: 04/21/10 12:56 Received: 04/22/10 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/29/10 05:52	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/29/10 05:52	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/29/10 05:52	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/29/10 05:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/29/10 05:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/29/10 05:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/10 05:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/10 05:52	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/29/10 05:52	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/29/10 05:52	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/29/10 05:52	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/29/10 05:52	127-18-4	
Toluene	ND	ug/L	5.0	1		04/29/10 05:52	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/29/10 05:52	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/29/10 05:52	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		04/29/10 05:52	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/29/10 05:52	1330-20-7	
Dibromofluoromethane (S)	107	%	80-123	1		04/29/10 05:52	1868-53-7	
4-Bromofluorobenzene (S)	106	%	70-126	1		04/29/10 05:52	460-00-4	
Toluene-d8 (S)	95	%	80-116	1		04/29/10 05:52	2037-26-5	

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QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

QC Batch: MSV/23515 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 5036859002, 5036859003

METHOD BLANK: 426560 | Matrix: Water
Associated Lab Samples: 5036859002, 5036859003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	04/28/10 00:50	
1,1-Dichloroethane	ug/L	ND	5.0	04/28/10 00:50	
1,1-Dichloroethene	ug/L	ND	5.0	04/28/10 00:50	
1,2-Dichloroethane	ug/L	ND	5.0	04/28/10 00:50	
Benzene	ug/L	ND	5.0	04/28/10 00:50	
Carbon tetrachloride	ug/L	ND	5.0	04/28/10 00:50	
Chloroform	ug/L	ND	5.0	04/28/10 00:50	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/28/10 00:50	
Ethylbenzene	ug/L	ND	5.0	04/28/10 00:50	
Methylene chloride	ug/L	ND	5.0	04/28/10 00:50	
Naphthalene	ug/L	5.9	5.0	04/28/10 00:50	B-
Tetrachloroethene	ug/L	ND	5.0	04/28/10 00:50	
Toluene	ug/L	ND	5.0	04/28/10 00:50	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/28/10 00:50	
Trichloroethene	ug/L	ND	5.0	04/28/10 00:50	
Vinyl chloride	ug/L	ND	2.0	04/28/10 00:50	
Xylene (Total)	ug/L	ND	10.0	04/28/10 00:50	
4-Bromofluorobenzene (S)	%	103	70-126	04/28/10 00:50	
Dibromofluoromethane (S)	%	101	80-123	04/28/10 00:50	
Toluene-d8 (S)	%	96	80-116	04/28/10 00:50	

LABORATORY CONTROL SAMPLE: 426561

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	58.3	117	69-136	
1,1-Dichloroethane	ug/L	50	51.0	102	67-133	
1,1-Dichloroethene	ug/L	50	50.1	100	63-128	
1,2-Dichloroethane	ug/L	50	51.6	103	69-139	
Benzene	ug/L	50	55.3	111	78-127	
Carbon tetrachloride	ug/L	50	56.1	112	62-143	
Chloroform	ug/L	50	53.4	107	74-131	
cis-1,2-Dichloroethene	ug/L	50	58.6	117	74-128	
Ethylbenzene	ug/L	50	48.7	97	81-126	
Methylene chloride	ug/L	50	44.9	90	32-164	
Naphthalene	ug/L	50	59.3	119	61-135	
Tetrachloroethene	ug/L	50	46.3	93	60-119	
Toluene	ug/L	50	48.4	97	75-129	
trans-1,2-Dichloroethene	ug/L	50	60.7	121	71-126	
Trichloroethene	ug/L	50	53.7	107	74-130	
Vinyl chloride	ug/L	50	51.8	104	55-141	
Xylene (Total)	ug/L	150	153	102	76-132	

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QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

LABORATORY CONTROL SAMPLE: 426561

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			100	70-126	
Dibromofluoromethane (S)	%			106	80-123	
Toluene-d8 (S)	%			97	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 426562 426563

Parameter	Units	5036849002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	56.7	49.2	113	98	64-143	14	20	
1,1-Dichloroethane	ug/L	ND	50	50	42.8	45.2	86	90	68-139	5	20	
1,1-Dichloroethene	ug/L	ND	50	50	51.2	52.7	102	105	55-140	3	20	
1,2-Dichloroethane	ug/L	ND	50	50	48.0	43.5	96	87	63-148	10	20	
Benzene	ug/L	ND	50	50	53.2	48.9	106	98	63-141	8	20	
Carbon tetrachloride	ug/L	ND	50	50	54.8	49.1	110	98	54-145	11	20	
Chloroform	ug/L	ND	50	50	52.2	44.9	104	90	67-134	15	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	57.3	50.8	115	102	65-132	12	20	
Ethylbenzene	ug/L	ND	50	50	45.1	43.0	90	86	44-151	5	20	
Methylene chloride	ug/L	ND	50	50	51.7	41.1	103	82	46-154	23	20	R1
Naphthalene	ug/L	ND	50	50	46.0	50.0	92	100	44-138	8	20	
Tetrachloroethene	ug/L	ND	50	50	43.2	40.9	86	82	25-146	6	20	
Toluene	ug/L	ND	50	50	44.5	42.1	89	84	59-142	6	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	59.3	48.3	119	97	60-137	20	20	
Trichloroethene	ug/L	ND	50	50	50.4	47.3	101	95	61-137	6	20	
Vinyl chloride	ug/L	ND	50	50	54.9	58.7	110	117	51-144	7	20	
Xylene (Total)	ug/L	ND	150	150	139	128	93	85	44-152	8	20	
4-Bromofluorobenzene (S)	%						99	101	70-126		20	
Dibromofluoromethane (S)	%						111	102	80-123		20	
Toluene-d8 (S)	%						95	95	80-116		20	

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QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

QC Batch: MSV/23564 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5036859001, 5036859004, 5036859005, 5036859006, 5036859007, 5036859008, 5036859009, 5036859010, 5036859011, 5036859012, 5036859013, 5036859015, 5036859016

METHOD BLANK: 427087 Matrix: Water
Associated Lab Samples: 5036859001, 5036859004, 5036859005, 5036859006, 5036859007, 5036859008, 5036859009, 5036859010, 5036859011, 5036859012, 5036859013, 5036859015, 5036859016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	04/28/10 13:13	
1,1-Dichloroethane	ug/L	ND	5.0	04/28/10 13:13	
1,1-Dichloroethene	ug/L	ND	5.0	04/28/10 13:13	
1,2-Dichloroethane	ug/L	ND	5.0	04/28/10 13:13	
Benzene	ug/L	ND	5.0	04/28/10 13:13	
Carbon tetrachloride	ug/L	ND	5.0	04/28/10 13:13	
Chloroform	ug/L	ND	5.0	04/28/10 13:13	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/28/10 13:13	
Ethylbenzene	ug/L	ND	5.0	04/28/10 13:13	
Methylene chloride	ug/L	ND	5.0	04/28/10 13:13	
Naphthalene	ug/L	ND	5.0	04/28/10 13:13	
Tetrachloroethene	ug/L	ND	5.0	04/28/10 13:13	
Toluene	ug/L	ND	5.0	04/28/10 13:13	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/28/10 13:13	
Trichloroethene	ug/L	ND	5.0	04/28/10 13:13	
Vinyl chloride	ug/L	ND	2.0	04/28/10 13:13	
Xylene (Total)	ug/L	ND	10.0	04/28/10 13:13	
4-Bromofluorobenzene (S)	%	104	70-126	04/28/10 13:13	
Dibromofluoromethane (S)	%	103	80-123	04/28/10 13:13	
Toluene-d8 (S)	%	94	80-116	04/28/10 13:13	

LABORATORY CONTROL SAMPLE: 427088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.8	108	69-136	
1,1-Dichloroethane	ug/L	50	48.0	96	67-133	
1,1-Dichloroethene	ug/L	50	56.4	113	63-128	
1,2-Dichloroethane	ug/L	50	51.7	103	69-139	
Benzene	ug/L	50	54.3	109	78-127	
Carbon tetrachloride	ug/L	50	52.8	106	62-143	
Chloroform	ug/L	50	51.7	103	74-131	
cis-1,2-Dichloroethene	ug/L	50	57.4	115	74-128	
Ethylbenzene	ug/L	50	49.2	98	81-126	
Methylene chloride	ug/L	50	55.5	111	32-164	
Naphthalene	ug/L	50	50.5	101	61-135	
Tetrachloroethene	ug/L	50	44.5	89	60-119	
Toluene	ug/L	50	48.4	97	75-129	
trans-1,2-Dichloroethene	ug/L	50	53.3	107	71-126	
Trichloroethene	ug/L	50	52.2	104	74-130	
Vinyl chloride	ug/L	50	59.0	118	55-141	

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QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

LABORATORY CONTROL SAMPLE: 427088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	150	158	105	76-132	
4-Bromofluorobenzene (S)	%			105	70-126	
Dibromofluoromethane (S)	%			102	80-123	
Toluene-d8 (S)	%			94	80-116	

MATRIX SPIKE SAMPLE: 427089

Parameter	Units	5036859001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	50	34.1	68	64-143	
1,1-Dichloroethane	ug/L	ND	50	31.9	64	68-139	
1,1-Dichloroethene	ug/L	ND	50	40.9	82	55-140	
1,2-Dichloroethane	ug/L	ND	50	32.5	65	63-148	
Benzene	ug/L	ND	50	35.8	72	63-141	
Carbon tetrachloride	ug/L	ND	50	36.3	73	54-145	
Chloroform	ug/L	ND	50	32.5	65	67-134	
cis-1,2-Dichloroethene	ug/L	ND	50	36.7	73	65-132	
Ethylbenzene	ug/L	ND	50	28.8	58	44-151	
Methylene chloride	ug/L	ND	50	33.0	66	46-154	
Naphthalene	ug/L	ND	50	29.7	58	44-138	
Tetrachloroethene	ug/L	ND	50	27.2	54	25-146	
Toluene	ug/L	ND	50	30.2	60	59-142	
trans-1,2-Dichloroethene	ug/L	ND	50	36.0	72	60-137	
Trichloroethene	ug/L	ND	50	32.7	65	61-137	
Vinyl chloride	ug/L	ND	50	45.9	92	51-144	
Xylene (Total)	ug/L	ND	150	90.8	61	44-152	
4-Bromofluorobenzene (S)	%				98	70-126	
Dibromofluoromethane (S)	%				106	80-123	
Toluene-d8 (S)	%				92	80-116	

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QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

QC Batch: MSV/23568 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5036859017, 5036859018, 5036859019, 5036859020, 5036859021

METHOD BLANK: 427100 Matrix: Water
Associated Lab Samples: 5036859017, 5036859018, 5036859019, 5036859020, 5036859021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	04/29/10 01:26	
1,1-Dichloroethane	ug/L	ND	5.0	04/29/10 01:26	
1,1-Dichloroethene	ug/L	ND	5.0	04/29/10 01:26	
1,2-Dichloroethane	ug/L	ND	5.0	04/29/10 01:26	
Benzene	ug/L	ND	5.0	04/29/10 01:26	
Carbon tetrachloride	ug/L	ND	5.0	04/29/10 01:26	
Chloroform	ug/L	ND	5.0	04/29/10 01:26	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/29/10 01:26	
Ethylbenzene	ug/L	ND	5.0	04/29/10 01:26	
Methylene chloride	ug/L	ND	5.0	04/29/10 01:26	
Naphthalene	ug/L	ND	5.0	04/29/10 01:26	
Tetrachloroethene	ug/L	ND	5.0	04/29/10 01:26	
Toluene	ug/L	ND	5.0	04/29/10 01:26	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/29/10 01:26	
Trichloroethene	ug/L	ND	5.0	04/29/10 01:26	
Vinyl chloride	ug/L	ND	2.0	04/29/10 01:26	
Xylene (Total)	ug/L	ND	10.0	04/29/10 01:26	
4-Bromofluorobenzene (S)	%	103	70-126	04/29/10 01:26	
Dibromofluoromethane (S)	%	106	80-123	04/29/10 01:26	
Toluene-d8 (S)	%	92	80-116	04/29/10 01:26	

LABORATORY CONTROL SAMPLE: 427101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	58.2	116	69-136	
1,1-Dichloroethane	ug/L	50	51.7	103	67-133	
1,1-Dichloroethene	ug/L	50	60.9	122	63-128	
1,2-Dichloroethane	ug/L	50	52.5	105	69-139	
Benzene	ug/L	50	52.1	104	78-127	
Carbon tetrachloride	ug/L	50	64.9	130	62-143	
Chloroform	ug/L	50	56.1	112	74-131	
cis-1,2-Dichloroethene	ug/L	50	57.4	115	74-128	
Ethylbenzene	ug/L	50	46.7	93	81-126	
Methylene chloride	ug/L	50	55.4	111	32-164	
Naphthalene	ug/L	50	53.0	106	61-135	
Tetrachloroethene	ug/L	50	45.3	91	60-119	
Toluene	ug/L	50	45.6	91	75-129	
trans-1,2-Dichloroethene	ug/L	50	67.5	135	71-126	L3
Trichloroethene	ug/L	50	56.5	113	74-130	
Vinyl chloride	ug/L	50	58.3	117	55-141	
Xylene (Total)	ug/L	150	140	94	76-132	

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Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

LABORATORY CONTROL SAMPLE: 427101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			98	70-126	
Dibromofluoromethane (S)	%			107	80-123	
Toluene-d8 (S)	%			92	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 427102 427103

Parameter	Units	5036841002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	62.7	55.8	125	112	64-143	12	20	
1,1-Dichloroethane	ug/L	ND	50	50	56.2	50.8	112	102	68-139	10	20	
1,1-Dichloroethene	ug/L	ND	50	50	67.1	58.3	134	117	55-140	14	20	
1,2-Dichloroethane	ug/L	ND	50	50	56.7	49.4	113	99	63-148	14	20	
Benzene	ug/L	ND	50	50	56.7	49.6	113	99	63-141	13	20	
Carbon tetrachloride	ug/L	ND	50	50	72.0	63.5	144	127	54-145	13	20	
Chloroform	ug/L	ND	50	50	58.4	51.2	117	102	67-134	13	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	61.5	53.2	123	106	65-132	14	20	
Ethylbenzene	ug/L	ND	50	50	50.9	45.9	102	92	44-151	10	20	
Methylene chloride	ug/L	ND	50	50	58.9	52.0	118	104	46-154	12	20	
Naphthalene	ug/L	ND	50	50	48.8	42.6	98	85	44-138	14	20	
Tetrachloroethene	ug/L	ND	50	50	50.2	46.5	100	93	25-146	8	20	
Toluene	ug/L	ND	50	50	50.3	45.6	101	91	59-142	10	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	74.4	67.8	149	136	60-137	9	20	M0
Trichloroethene	ug/L	ND	50	50	61.9	52.3	124	105	61-137	17	20	
Vinyl chloride	ug/L	ND	50	50	65.3	60.9	131	122	51-144	7	20	
Xylene (Total)	ug/L	ND	150	150	150	138	100	92	44-152	8	20	
4-Bromofluorobenzene (S)	%						96	108	70-126		20	
Dibromofluoromethane (S)	%						105	106	80-123		20	
Toluene-d8 (S)	%						90	97	80-116		20	

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7726 Moller Road
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(317)875-5894

QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

QC Batch: MSV/23608
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 5036859014

METHOD BLANK: 427651
Matrix: Water
Associated Lab Samples: 5036859014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	04/29/10 13:25	
1,1-Dichloroethane	ug/L	ND	5.0	04/29/10 13:25	
1,1-Dichloroethene	ug/L	ND	5.0	04/29/10 13:25	
1,2-Dichloroethane	ug/L	ND	5.0	04/29/10 13:25	
Benzene	ug/L	ND	5.0	04/29/10 13:25	
Carbon tetrachloride	ug/L	ND	5.0	04/29/10 13:25	
Chloroform	ug/L	ND	5.0	04/29/10 13:25	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/29/10 13:25	
Ethylbenzene	ug/L	ND	5.0	04/29/10 13:25	
Methylene chloride	ug/L	ND	5.0	04/29/10 13:25	
Naphthalene	ug/L	ND	5.0	04/29/10 13:25	
Tetrachloroethene	ug/L	ND	5.0	04/29/10 13:25	
Toluene	ug/L	ND	5.0	04/29/10 13:25	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/29/10 13:25	
Trichloroethene	ug/L	ND	5.0	04/29/10 13:25	
Vinyl chloride	ug/L	ND	2.0	04/29/10 13:25	
Xylene (Total)	ug/L	ND	10.0	04/29/10 13:25	
4-Bromofluorobenzene (S)	%	101	70-126	04/29/10 13:25	
Dibromofluoromethane (S)	%	101	80-123	04/29/10 13:25	
Toluene-d8 (S)	%	92	80-116	04/29/10 13:25	

LABORATORY CONTROL SAMPLE: 427652

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.4	105	69-136	
1,1-Dichloroethane	ug/L	50	48.2	96	67-133	
1,1-Dichloroethene	ug/L	50	57.1	114	63-128	
1,2-Dichloroethane	ug/L	50	49.7	99	69-139	
Benzene	ug/L	50	53.9	108	78-127	
Carbon tetrachloride	ug/L	50	54.3	109	62-143	
Chloroform	ug/L	50	51.0	102	74-131	
cis-1,2-Dichloroethene	ug/L	50	54.2	108	74-128	
Ethylbenzene	ug/L	50	47.4	95	81-126	
Methylene chloride	ug/L	50	51.6	103	32-164	
Naphthalene	ug/L	50	49.3	99	61-135	
Tetrachloroethene	ug/L	50	44.2	88	60-119	
Toluene	ug/L	50	46.6	93	75-129	
trans-1,2-Dichloroethene	ug/L	50	51.6	103	71-126	
Trichloroethene	ug/L	50	51.7	103	74-130	
Vinyl chloride	ug/L	50	59.5	119	55-141	
Xylene (Total)	ug/L	150	150	100	76-132	

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QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

LABORATORY CONTROL SAMPLE: 427652

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			108	70-126	
Dibromofluoromethane (S)	%			103	80-123	
Toluene-d8 (S)	%			96	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 427653 427654

Parameter	Units	5036911013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	46.6	46.1	93	92	64-143	1	20	
1,1-Dichloroethane	ug/L	ND	50	50	39.7	40.9	79	82	68-139	3	20	
1,1-Dichloroethene	ug/L	ND	50	50	49.0	48.5	98	97	55-140	1	20	
1,2-Dichloroethane	ug/L	ND	50	50	44.8	44.9	90	90	63-148	.3	20	
Benzene	ug/L	ND	50	50	47.4	46.4	95	93	63-141	2	20	
Carbon tetrachloride	ug/L	ND	50	50	47.5	48.0	95	96	54-145	1	20	
Chloroform	ug/L	ND	50	50	44.4	44.1	89	88	67-134	.7	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	46.2	46.4	92	93	65-132	.4	20	
Ethylbenzene	ug/L	ND	50	50	37.7	37.4	75	75	44-151	.7	20	
Methylene chloride	ug/L	ND	50	50	40.7	40.6	81	81	46-154	.2	20	
Naphthalene	ug/L	ND	50	50	35.3	40.3	71	81	44-138	13	20	
Tetrachloroethene	ug/L	ND	50	50	37.1	37.4	74	75	25-146	.7	20	
Toluene	ug/L	ND	50	50	36.7	36.1	73	72	59-142	2	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	44.2	45.1	88	90	60-137	2	20	
Trichloroethene	ug/L	ND	50	50	49.6	49.3	90	89	61-137	.5	20	
Vinyl chloride	ug/L	ND	50	50	51.0	51.7	102	103	51-144	1	20	
Xylene (Total)	ug/L	ND	150	150	121	116	81	77	44-152	4	20	
4-Bromofluorobenzene (S)	%						112	109	70-126		20	
Dibromofluoromethane (S)	%						115	110	80-123		20	
Toluene-d8 (S)	%						93	89	80-116		20	

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QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

QC Batch: WETA/4921 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 5036859003, 5036859004

METHOD BLANK: 424764 | Matrix: Water
Associated Lab Samples: 5036859003, 5036859004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	04/22/10 14:19	

LABORATORY CONTROL SAMPLE: 424765

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	2	1.9	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 424766 424767

Parameter	Units	5036849002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.84	2	2	2.7	2.7	94	95	90-110	.9	20	

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QUALITY CONTROL DATA

Project: MI Plaza / M01046
Pace Project No.: 5036859

QC Batch: WETA/4924
QC Batch Method: ASTM D516-90,02
Analysis Method: ASTM D516-90,02
Analysis Description: ASTM D516-9002 Sulfate Water
Associated Lab Samples: 5036859003, 5036859004

METHOD BLANK: 425069
Matrix: Water
Associated Lab Samples: 5036859003, 5036859004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	5.0	04/23/10 14:40	

LABORATORY CONTROL SAMPLE: 425070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	21.1	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 425071 425072

Parameter	Units	5036849002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	29.8	50	50	83.5	90.9	108	122	75-125	8	20	

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QUALIFIERS

Project: MI Plaza / M01046
Pace Project No.: 5036859

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.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MI Plaza / M01046
Pace Project No.: 5036859

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
5036859001	**MW-167S**	EPA 8260	MSV/23564		
5036859002	**MW-167D**	EPA 8260	MSV/23515		
5036859003	**MW-168S**	EPA 8260	MSV/23515		
5036859004	**MW-168D**	EPA 8260	MSV/23564		
5036859005	**MW-169S**	EPA 8260	MSV/23564		
5036859006	**MW-169D**	EPA 8260	MSV/23564		
5036859007	**MW-170S**	EPA 8260	MSV/23564		
5036859008	**MW-170D**	EPA 8260	MSV/23564		
5036859009	**MW-171S**	EPA 8260	MSV/23564		
5036859010	**MW-171D**	EPA 8260	MSV/23564		
5036859011	**MMW-C-01**	EPA 8260	MSV/23564		
5036859012	**MMW-C-02**	EPA 8260	MSV/23564		
5036859013	**MMW-3S**	EPA 8260	MSV/23564		
5036859014	**MMW-4D**	EPA 8260	MSV/23608		
5036859015	**MMW-5D**	EPA 8260	MSV/23564		
5036859016	**MMW-6D**	EPA 8260	MSV/23564		
5036859017	**MMW-7S**	EPA 8260	MSV/23568		
5036859018	**MMW-12S**	EPA 8260	MSV/23568		
5036859019	**MMW-14D**	EPA 8260	MSV/23568		
5036859020	**MMW-P-04**	EPA 8260	MSV/23568		
5036859021	**TRIP BLANK**	EPA 8260	MSV/23568		
5036859003	**MW-168S**	EPA 353.2	WETA/4921		
5036859004	**MW-168D**	EPA 353.2	WETA/4921		
5036859003	**MW-168S**	ASTM D516-90,02	WETA/4924		
5036859004	**MW-168D**	ASTM D516-90,02	WETA/4924		

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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.

√TMS

Page: 1 of 2

1319082

Section A Required Client Information:

Company: Mundell & Associates
Address: 110 S. Downey Ave
Indpls, IN 46219
Email To:
Phone: 317-630-9060 Fax: 317-630-9065
Requested Due Date/TAT: SAT

Section B Required Project Information:

Report To: Sarah Webb
Copy To:
Purchase Order No.:
Project Name: MI Plaza
Project Number: M01046

Section C Invoice Information:

Attention: Merle Tebbe
Company Name: Mundell
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): 9036859

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	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 Test (Y/N): VOC's 8260*	Nitrate 353.2	Sulfate 375.4	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-167S	WT	G			4/21/10	2:06p		3				3					X				-001
2	MW-167D	↓	↓			↓	2:31p		3				3					↓				-002
3	MW-168S	↓	↓			↓	9:55A		4	1			3					↓	X	X		-003
4	MW-168D	↓	↓			↓	10:04A		4	1			3					↓	X	X		-004
5	MW-169S	↓	↓			↓	1:42p		3				3					↓				-005
6	MW-169D	↓	↓			↓	1:28p		3				3					↓				-006
7	MW-170S	↓	↓			↓	11:36A		2				2					↓				-007
8	MW-170D	↓	↓			↓	11:20A		3				3					↓				-008
9	MW-171S	↓	↓			↓	10:55A		3				3					↓				-009
10	MW-171D	↓	↓			↓	10:37A		3				3					↓				-010
11	MMW-C-01	↓	↓			↓	3:19p		3				3					↓				-011
12	MMW-C-02	↓	↓			↓	3:03p		3				3					↓				-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*Please use Short list for VOC's	[signature]	4/22/10	10:45	[signature]	4/22/10	10:45	4.3	Y	Y/N	Y

80 04/22/10

W1 pace 60 1200

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Dammeyer / Samuel V. Eintrez

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 4/21/10

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

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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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: 2 of 2

1319081

Section A Required Client Information:

Company:	Mundell & Associates
Address:	110 S. Downey Ave Indpls, IN 46219
Email To:	
Phone:	317-630-9060
Fax:	317-630-9065
Requested Due Date/TAT:	SAT

Section B Required Project Information:

Report To:	Sarah Webb
Copy To:	
Purchase Order No.:	
Project Name:	MI Plaza
Project Number:	M01046

Section C Invoice Information:

Attention:	Merle Tebbe
Company Name:	Mundell
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	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 Test (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MMW-3S	WT	G			4/20/10	2:32p		3				3							-013
2	MMW-4D						2:16p		3				3							-014
3	MMW-5D						1:09p		3				3							-015
4	MMW-6D						1:27p		3				3							-016
5	MMW-7~~D~~ 3						1:50p		3				3							-017
6	MMW-12S						2:49p		3				3							-018
7	MMW-14D						3:04p		3				3							-019
8	MMW-P-04					4/21/10	12:56p		3				3							-020
9	Trip Blank																			
10																				
11																				
12																				

Analysis Test: VOC's 8260*

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*Please use Short list for VOC's	[signature]	4/22/10	10:45	Zachary Tekeal	4/24/10	10:45	4.3°C	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Damneyer / Samuel V. Einhaus

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 4/21/10

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

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical

Client Name: Mundell

Project # 50368559

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 foam

Thermometer Used 123456 **Type of Ice:** (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature 4.3°C **Ice Visible in Sample Containers:** ☐ yes ☒ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 04/22/10 BO

		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.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	5.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	6.
Containers Intact:	☒Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☒Yes ☐No ☐N/A	8.
All containers needing preservation have been pH checked? exceptions: VOA, coliform, TOC, O&G, WI-DRO (water) All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A ☒Yes ☐No ☐N/A	9.
Headspace in VOA Vials (>6mm):	☒Yes ☐No ☐N/A	10. 1 vial of ~~trip~~ no vials trip Blank = headspace BO
Trip Blank Present: Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A ☒Yes ☐No ☐N/A	11.
Project Manager Review		
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	12.
Sufficient Volume:	☒Yes ☐No ☐N/A	13.
Correct Containers Used:	☒Yes ☐No ☐N/A	14.

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Hunt **Date:** 4/28/10

Form F-IN-Q290-rev.0, 02Mar2010

Sample Container Count

CLIENT: Mundell

COC PAGE 1 of 2
COC ID# 1319082

Project # 5036859

Sample Line Item	DG9H	AG1U	WGFU	R 4 / 6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1	3															
2	3															
3	3								1							
4	3								1							
5	3															
6	3															
7	2															
8	3															
9	3															
10	3															
11	3															
12	3															

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Mundell

COC PAGE 2 of 2
COC ID# 1319081

Project # 50368559

Pace Analytical
www.pacelabs.com

Sample Line Item	DG9H	AG1U	WGFU	R 4 / 6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1	3															
2	3															
3	3															
4	3															
5	3															
6	3															
7	3															
8	3															
9	3															
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

May 03, 2010

Ms. Sarah Webb
Mundell & Associates
110 South Downey Ave.
Indianapolis, IN 46219

RE: Project: MI Plaza M01046
Pace Project No.: 5036882

Dear Ms. Webb:
Enclosed are the analytical results for sample(s) received by the laboratory on April 23, 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,

Tina Sayer

Tina Sayer

tina.sayer@pacelabs.com
Project Manager

7726 Moller Road Indianapolis, IN 46268
Illinois/NELAC Certification #: 100418
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042
Ohio VAP: CL0065
Pennsylvania: 68-00791
West Virginia Certification #: 330

Enclosures

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SAMPLE SUMMARY

Project: MI Plaza M01046
Pace Project No.: 5036882

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5036882001	**MMW-P-01**	Water	04/22/10 11:17	04/23/10 10:12
5036882002	**MMW-P-02**	Water	04/22/10 09:12	04/23/10 10:12
5036882003	**MMW-P-03S**	Water	04/22/10 09:47	04/23/10 10:12
5036882004	**MMW-P-03D**	Water	04/22/10 09:31	04/23/10 10:12
5036882005	**MMW-P-05**	Water	04/22/10 10:37	04/23/10 10:12
5036882006	**MMW-P-06**	Water	04/22/10 10:56	04/23/10 10:12
5036882007	**MMW-P-07**	Water	04/22/10 12:33	04/23/10 10:12
5036882008	**MMW-P-08**	Water	04/22/10 12:10	04/23/10 10:12
5036882009	**MMW-P-09S**	Water	04/22/10 15:59	04/23/10 10:12
5036882010	**MMW-P-09D**	Water	04/22/10 16:16	04/23/10 10:12
5036882011	**MMW-P-10S**	Water	04/22/10 11:49	04/23/10 10:12
5036882012	**MMW-P-10D**	Water	04/22/10 11:36	04/23/10 10:12
5036882013	**MMW-1S**	Water	04/22/10 15:31	04/23/10 10:12
5036882014	**MMW-2S**	Water	04/22/10 13:19	04/23/10 10:12
5036882015	**MMW-8S**	Water	04/22/10 14:16	04/23/10 10:12
5036882016	**MMW-9S**	Water	04/22/10 14:50	04/23/10 10:12
5036882017	**MMW-10S**	Water	04/22/10 15:16	04/23/10 10:12
5036882018	**MMW-11S**	Water	04/22/10 13:42	04/23/10 10:12
5036882019	**MMW-11D**	Water	04/22/10 14:00	04/23/10 10:12
5036882020	**MMW-13D**	Water	04/22/10 14:33	04/23/10 10:12
5036882021	**Dup-1**	Water	04/22/10 08:00	04/23/10 10:12
5036882022	**Dup-2**	Water	04/22/10 08:00	04/23/10 10:12
5036882023	**EQ Blank**	Water	04/22/10 17:00	04/23/10 10:12
5036882024	**Trip Blank**	Water	04/22/10 08:00	04/23/10 10:12

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SAMPLE ANALYTE COUNT

Project: MI Plaza M01046
Pace Project No.: 5036882

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5036882001	**MMW-P-01**	EPA 8260	RSR	20
5036882002	**MMW-P-02**	EPA 8260	RSR	20
5036882003	**MMW-P-03S**	SM 2340B	FRW	1
		EPA 8260	RSR	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882004	**MMW-P-03D**	EPA 8260	RSR	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882005	**MMW-P-05**	EPA 8260	RSR	20
5036882006	**MMW-P-06**	EPA 8260	RSR	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882007	**MMW-P-07**	EPA 8260	RSR	20
5036882008	**MMW-P-08**	SM 2340B	FRW	1
		EPA 8260	RSR	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882009	**MMW-P-09S**	EPA 8260	RSR	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882010	**MMW-P-09D**	EPA 8260	RSR	20
5036882011	**MMW-P-10S**	EPA 8260	RSR	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882012	**MMW-P-10D**	EPA 8260	RSR	20
5036882013	**MMW-1S**	EPA 8260	JLF	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882014	**MMW-2S**	EPA 8260	JLF	20
5036882015	**MMW-8S**	EPA 8260	JLF	20
5036882016	**MMW-9S**	SM 2340B	FRW	1
		EPA 8260	JLF	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882017	**MMW-10S**	EPA 8260	JLF	20
5036882018	**MMW-11S**	EPA 8260	JLF	20

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SAMPLE ANALYTE COUNT

Project: MI Plaza M01046
Pace Project No.: 5036882

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882019	**MMW-11D**	EPA 8260	JLF	20
5036882020	**MMW-13D**	EPA 8260	JLF	20
5036882021	**Dup-1**	SM 2340B	FRW	1
		EPA 8260	JLF	20
		EPA 353.2	ILP	1
		ASTM D516-90,02	TPD	1
5036882022	**Dup-2**	EPA 8260	JLF	20
5036882023	**EQ Blank**	EPA 8260	JLF	20
5036882024	**Trip Blank**	EPA 8260	JLF	20

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-01 **Lab ID: 5036882001** Collected: 04/22/10 11:17 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	50.0	10		04/30/10 18:37	71-43-2	
Carbon tetrachloride	ND	ug/L	50.0	10		04/30/10 18:37	56-23-5	
Chloroform	ND	ug/L	50.0	10		04/30/10 18:37	67-66-3	
1,1-Dichloroethane	ND	ug/L	50.0	10		04/30/10 18:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	50.0	10		04/30/10 18:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	10		04/30/10 18:37	75-35-4	
cis-1,2-Dichloroethene	**9400**	ug/L	500	100		04/30/10 19:13	156-59-2	
trans-1,2-Dichloroethene	**94.7**	ug/L	50.0	10		04/30/10 18:37	156-60-5	
Ethylbenzene	ND	ug/L	50.0	10		04/30/10 18:37	100-41-4	
Methylene chloride	ND	ug/L	50.0	10		04/30/10 18:37	75-09-2	
Naphthalene	ND	ug/L	50.0	10		04/30/10 18:37	91-20-3	
Tetrachloroethene	**90.5**	ug/L	50.0	10		04/30/10 18:37	127-18-4	
Toluene	ND	ug/L	50.0	10		04/30/10 18:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	50.0	10		04/30/10 18:37	71-55-6	
Trichloroethene	**79.0**	ug/L	50.0	10		04/30/10 18:37	79-01-6	
Vinyl chloride	**12600**	ug/L	200	100		04/30/10 19:13	75-01-4	
Xylene (Total)	ND	ug/L	100	10		04/30/10 18:37	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	10		04/30/10 18:37	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	10		04/30/10 18:37	460-00-4	
Toluene-d8 (S)	96	%	80-116	10		04/30/10 18:37	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-02 **Lab ID: 5036882002** Collected: 04/22/10 09:12 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/30/10 19:50	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/30/10 19:50	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/30/10 19:50	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/30/10 19:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/30/10 19:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/30/10 19:50	75-35-4	
cis-1,2-Dichloroethene	**56.0**	ug/L	5.0	1		04/30/10 19:50	156-59-2	
trans-1,2-Dichloroethene	**8.0**	ug/L	5.0	1		04/30/10 19:50	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/30/10 19:50	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/30/10 19:50	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/30/10 19:50	91-20-3	
Tetrachloroethene	**9.9**	ug/L	5.0	1		04/30/10 19:50	127-18-4	
Toluene	ND	ug/L	5.0	1		04/30/10 19:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/30/10 19:50	71-55-6	
Trichloroethene	**6.8**	ug/L	5.0	1		04/30/10 19:50	79-01-6	
Vinyl chloride	**110**	ug/L	2.0	1		04/30/10 19:50	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/30/10 19:50	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		04/30/10 19:50	1868-53-7	
4-Bromofluorobenzene (S)	100	%	70-126	1		04/30/10 19:50	460-00-4	
Toluene-d8 (S)	101	%	80-116	1		04/30/10 19:50	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-03S **Lab ID: 5036882003** Collected: 04/22/10 09:47 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2340B Hardness, Total (Calc.)	Analytical Method: SM 2340B							
Total Hardness	**459**	mg/L	1.0	1		04/29/10 17:46		
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/30/10 20:27	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/30/10 20:27	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/30/10 20:27	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/30/10 20:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/30/10 20:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/30/10 20:27	75-35-4	
cis-1,2-Dichloroethene	**156**	ug/L	5.0	1		04/30/10 20:27	156-59-2	
trans-1,2-Dichloroethene	**13.4**	ug/L	5.0	1		04/30/10 20:27	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/30/10 20:27	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/30/10 20:27	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/30/10 20:27	91-20-3	
Tetrachloroethene	**14.2**	ug/L	5.0	1		04/30/10 20:27	127-18-4	
Toluene	ND	ug/L	5.0	1		04/30/10 20:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/30/10 20:27	71-55-6	
Trichloroethene	**8.9**	ug/L	5.0	1		04/30/10 20:27	79-01-6	
Vinyl chloride	**377**	ug/L	20.0	10		04/30/10 21:03	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/30/10 20:27	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		04/30/10 20:27	1868-53-7	
4-Bromofluorobenzene (S)	99	%	70-126	1		04/30/10 20:27	460-00-4	
Toluene-d8 (S)	98	%	80-116	1		04/30/10 20:27	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		04/23/10 16:27		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**18.8**	mg/L	5.0	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-03D **Lab ID: 5036882004** Collected: 04/22/10 09:31 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		04/30/10 21:40	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		04/30/10 21:40	56-23-5	
Chloroform	ND	ug/L	5.0	1		04/30/10 21:40	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/30/10 21:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/30/10 21:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/30/10 21:40	75-35-4	
cis-1,2-Dichloroethene	**7.2**	ug/L	5.0	1		04/30/10 21:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/30/10 21:40	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		04/30/10 21:40	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		04/30/10 21:40	75-09-2	
Naphthalene	ND	ug/L	5.0	1		04/30/10 21:40	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		04/30/10 21:40	127-18-4	
Toluene	ND	ug/L	5.0	1		04/30/10 21:40	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/30/10 21:40	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		04/30/10 21:40	79-01-6	
Vinyl chloride	**211**	ug/L	2.0	1		04/30/10 21:40	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/30/10 21:40	1330-20-7	
Dibromofluoromethane (S)	97	%	80-123	1		04/30/10 21:40	1868-53-7	
4-Bromofluorobenzene (S)	102	%	70-126	1		04/30/10 21:40	460-00-4	
Toluene-d8 (S)	96	%	80-116	1		04/30/10 21:40	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		04/23/10 16:26		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	ND	mg/L	5.0	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-05 **Lab ID: 5036882005** Collected: 04/22/10 10:37 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 00:44	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 00:44	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 00:44	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 00:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 00:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 00:44	75-35-4	
cis-1,2-Dichloroethene	**8.6**	ug/L	5.0	1		05/01/10 00:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 00:44	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 00:44	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 00:44	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 00:44	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 00:44	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 00:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 00:44	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 00:44	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/10 00:44	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 00:44	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		05/01/10 00:44	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		05/01/10 00:44	460-00-4	
Toluene-d8 (S)	99	%	80-116	1		05/01/10 00:44	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-06 **Lab ID: 5036882006** Collected: 04/22/10 10:56 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 02:34	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 02:34	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 02:34	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 02:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 02:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 02:34	75-35-4	
cis-1,2-Dichloroethene	**23.7**	ug/L	5.0	1		05/01/10 02:34	156-59-2	
trans-1,2-Dichloroethene	**8.0**	ug/L	5.0	1		05/01/10 02:34	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 02:34	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 02:34	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 02:34	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 02:34	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 02:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 02:34	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 02:34	79-01-6	
Vinyl chloride	**2470**	ug/L	20.0	10		05/01/10 03:11	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 02:34	1330-20-7	
Dibromofluoromethane (S)	102	%	80-123	1		05/01/10 02:34	1868-53-7	
4-Bromofluorobenzene (S)	97	%	70-126	1		05/01/10 02:34	460-00-4	
Toluene-d8 (S)	98	%	80-116	1		05/01/10 02:34	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		04/23/10 16:28		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**15.3**	mg/L	5.0	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-07 **Lab ID: 5036882007** Collected: 04/22/10 12:33 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 03:48	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 03:48	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 03:48	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 03:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 03:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 03:48	75-35-4	
cis-1,2-Dichloroethene	**1050**	ug/L	50.0	10		05/01/10 04:24	156-59-2	
trans-1,2-Dichloroethene	**23.7**	ug/L	5.0	1		05/01/10 03:48	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 03:48	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 03:48	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 03:48	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 03:48	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 03:48	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 03:48	71-55-6	
Trichloroethene	**7.0**	ug/L	5.0	1		05/01/10 03:48	79-01-6	
Vinyl chloride	**2080**	ug/L	20.0	10		05/01/10 04:24	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 03:48	1330-20-7	
Dibromofluoromethane (S)	102	%	80-123	1		05/01/10 03:48	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		05/01/10 03:48	460-00-4	
Toluene-d8 (S)	98	%	80-116	1		05/01/10 03:48	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-08 **Lab ID: 5036882008** Collected: 04/22/10 12:10 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2340B Hardness, Total (Calc.)	Analytical Method: SM 2340B							
Total Hardness	**710**	mg/L	1.0	1		04/29/10 17:52		
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 05:01	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 05:01	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 05:01	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 05:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 05:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 05:01	75-35-4	
cis-1,2-Dichloroethene	**45.7**	ug/L	5.0	1		05/01/10 05:01	156-59-2	
trans-1,2-Dichloroethene	**8.1**	ug/L	5.0	1		05/01/10 05:01	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 05:01	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 05:01	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 05:01	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 05:01	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 05:01	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 05:01	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 05:01	79-01-6	
Vinyl chloride	**2180**	ug/L	20.0	10		05/01/10 05:38	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 05:01	1330-20-7	
Dibromofluoromethane (S)	102	%	80-123	1		05/01/10 05:01	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		05/01/10 05:01	460-00-4	
Toluene-d8 (S)	98	%	80-116	1		05/01/10 05:01	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		04/23/10 16:30		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**8.5**	mg/L	5.0	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-09S **Lab ID: 5036882009** Collected: 04/22/10 15:59 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 06:15	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 06:15	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 06:15	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 06:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 06:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 06:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 06:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 06:15	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 06:15	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 06:15	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 06:15	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 06:15	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 06:15	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 06:15	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 06:15	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/10 06:15	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 06:15	1330-20-7	
Dibromofluoromethane (S)	100	%	80-123	1		05/01/10 06:15	1868-53-7	
4-Bromofluorobenzene (S)	97	%	70-126	1		05/01/10 06:15	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		05/01/10 06:15	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**0.62**	mg/L	0.10	1		04/23/10 16:44		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**44.8**	mg/L	25.0	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-09D **Lab ID: 5036882010** Collected: 04/22/10 16:16 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 07:28	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 07:28	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 07:28	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 07:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 07:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 07:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 07:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 07:28	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 07:28	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 07:28	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 07:28	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 07:28	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 07:28	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 07:28	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 07:28	79-01-6	
Vinyl chloride	**76.9**	ug/L	2.0	1		05/01/10 07:28	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 07:28	1330-20-7	
Dibromofluoromethane (S)	102	%	80-123	1		05/01/10 07:28	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		05/01/10 07:28	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		05/01/10 07:28	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-10S **Lab ID: 5036882011** Collected: 04/22/10 11:49 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 08:04	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 08:04	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 08:04	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 08:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 08:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 08:04	75-35-4	
cis-1,2-Dichloroethene	**16.2**	ug/L	5.0	1		05/01/10 08:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 08:04	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 08:04	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 08:04	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 08:04	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 08:04	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 08:04	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 08:04	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 08:04	79-01-6	
Vinyl chloride	**118**	ug/L	2.0	1		05/01/10 08:04	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 08:04	1330-20-7	
Dibromofluoromethane (S)	98	%	80-123	1		05/01/10 08:04	1868-53-7	
4-Bromofluorobenzene (S)	102	%	70-126	1		05/01/10 08:04	460-00-4	
Toluene-d8 (S)	97	%	80-116	1		05/01/10 08:04	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		04/23/10 16:29		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**15.8**	mg/L	5.0	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-P-10D **Lab ID: 5036882012** Collected: 04/22/10 11:36 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 08:41	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 08:41	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 08:41	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 08:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 08:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 08:41	75-35-4	
cis-1,2-Dichloroethene	**30.5**	ug/L	5.0	1		05/01/10 08:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 08:41	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 08:41	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 08:41	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 08:41	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 08:41	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 08:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 08:41	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 08:41	79-01-6	
Vinyl chloride	**364**	ug/L	100	50		05/01/10 09:18	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 08:41	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		05/01/10 08:41	1868-53-7	
4-Bromofluorobenzene (S)	100	%	70-126	1		05/01/10 08:41	460-00-4	
Toluene-d8 (S)	99	%	80-116	1		05/01/10 08:41	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-1S **Lab ID: 5036882013** Collected: 04/22/10 15:31 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 02:30	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 02:30	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 02:30	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 02:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 02:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 02:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 02:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 02:30	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 02:30	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 02:30	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 02:30	91-20-3	
Tetrachloroethene	**206**	ug/L	5.0	1		05/01/10 02:30	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 02:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 02:30	71-55-6	
Trichloroethene	**14.7**	ug/L	5.0	1		05/01/10 02:30	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/10 02:30	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 02:30	1330-20-7	
Dibromofluoromethane (S)	95	%	80-123	1		05/01/10 02:30	1868-53-7	
4-Bromofluorobenzene (S)	97	%	70-126	1		05/01/10 02:30	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		05/01/10 02:30	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**9.6**	mg/L	0.10	1		04/23/10 16:43		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**33.6**	mg/L	12.5	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-2S **Lab ID: 5036882014** Collected: 04/22/10 13:19 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 03:00	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 03:00	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 03:00	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 03:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 03:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 03:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 03:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 03:00	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 03:00	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 03:00	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 03:00	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 03:00	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 03:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 03:00	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 03:00	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/10 03:00	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 03:00	1330-20-7	
Dibromofluoromethane (S)	95	%	80-123	1		05/01/10 03:00	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		05/01/10 03:00	460-00-4	
Toluene-d8 (S)	102	%	80-116	1		05/01/10 03:00	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-8S **Lab ID: 5036882015** Collected: 04/22/10 14:16 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 03:29	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 03:29	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 03:29	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 03:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 03:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 03:29	75-35-4	
cis-1,2-Dichloroethene	**9.0**	ug/L	5.0	1		05/01/10 03:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 03:29	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 03:29	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 03:29	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 03:29	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 03:29	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 03:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 03:29	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 03:29	79-01-6	
Vinyl chloride	**151**	ug/L	2.0	1		05/01/10 03:29	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 03:29	1330-20-7	
Dibromofluoromethane (S)	97	%	80-123	1		05/01/10 03:29	1868-53-7	
4-Bromofluorobenzene (S)	97	%	70-126	1		05/01/10 03:29	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		05/01/10 03:29	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-9S **Lab ID: 5036882016** Collected: 04/22/10 14:50 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2340B Hardness, Total (Calc.)	Analytical Method: SM 2340B							
Total Hardness	**849**	mg/L	1.0	1		04/29/10 17:58		
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 03:58	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 03:58	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 03:58	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 03:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 03:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 03:58	75-35-4	
cis-1,2-Dichloroethene	**4300**	ug/L	125	25		05/01/10 05:26	156-59-2	
trans-1,2-Dichloroethene	**77.1**	ug/L	5.0	1		05/01/10 03:58	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 03:58	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 03:58	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 03:58	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 03:58	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 03:58	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 03:58	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 03:58	79-01-6	
Vinyl chloride	**1710**	ug/L	50.0	25		05/01/10 05:26	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 03:58	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		05/01/10 03:58	1868-53-7	
4-Bromofluorobenzene (S)	94	%	70-126	1		05/01/10 03:58	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		05/01/10 03:58	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		04/23/10 16:40		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**94.0**	mg/L	25.0	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-10S **Lab ID: 5036882017** Collected: 04/22/10 15:16 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 05:55	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 05:55	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 05:55	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 05:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 05:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 05:55	75-35-4	
cis-1,2-Dichloroethene	**165**	ug/L	5.0	1		05/01/10 05:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 05:55	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 05:55	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 05:55	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 05:55	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 05:55	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 05:55	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 05:55	71-55-6	
Trichloroethene	**7.9**	ug/L	5.0	1		05/01/10 05:55	79-01-6	
Vinyl chloride	**143**	ug/L	2.0	1		05/01/10 05:55	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 05:55	1330-20-7	
Dibromofluoromethane (S)	100	%	80-123	1		05/01/10 05:55	1868-53-7	
4-Bromofluorobenzene (S)	95	%	70-126	1		05/01/10 05:55	460-00-4	
Toluene-d8 (S)	98	%	80-116	1		05/01/10 05:55	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-11S **Lab ID: 5036882018** Collected: 04/22/10 13:42 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 06:24	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 06:24	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 06:24	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 06:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 06:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 06:24	75-35-4	
cis-1,2-Dichloroethene	**17.7**	ug/L	5.0	1		05/01/10 06:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 06:24	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 06:24	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 06:24	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 06:24	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 06:24	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 06:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 06:24	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 06:24	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/10 06:24	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 06:24	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		05/01/10 06:24	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		05/01/10 06:24	460-00-4	
Toluene-d8 (S)	101	%	80-116	1		05/01/10 06:24	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	**4.1**	mg/L	0.10	1		04/23/10 16:37		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**192**	mg/L	25.0	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-11D **Lab ID: 5036882019** Collected: 04/22/10 14:00 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 06:53	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 06:53	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 06:53	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 06:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 06:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 06:53	75-35-4	
cis-1,2-Dichloroethene	**307**	ug/L	50.0	10		05/01/10 07:22	156-59-2	
trans-1,2-Dichloroethene	**21.8**	ug/L	5.0	1		05/01/10 06:53	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 06:53	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 06:53	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 06:53	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 06:53	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 06:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 06:53	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 06:53	79-01-6	
Vinyl chloride	**2.6**	ug/L	2.0	1		05/01/10 06:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 06:53	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		05/01/10 06:53	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		05/01/10 06:53	460-00-4	
Toluene-d8 (S)	101	%	80-116	1		05/01/10 06:53	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: MMW-13D **Lab ID: 5036882020** Collected: 04/22/10 14:33 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 07:51	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 07:51	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 07:51	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 07:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 07:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 07:51	75-35-4	
cis-1,2-Dichloroethene	**469**	ug/L	50.0	10		05/01/10 08:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 07:51	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 07:51	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 07:51	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 07:51	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 07:51	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 07:51	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 07:51	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 07:51	79-01-6	
Vinyl chloride	**4.6**	ug/L	2.0	1		05/01/10 07:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 07:51	1330-20-7	
Dibromofluoromethane (S)	100	%	80-123	1		05/01/10 07:51	1868-53-7	
4-Bromofluorobenzene (S)	99	%	70-126	1		05/01/10 07:51	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		05/01/10 07:51	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: Dup-1 **Lab ID: 5036882021** Collected: 04/22/10 08:00 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2340B Hardness, Total (Calc.)	Analytical Method: SM 2340B							
Total Hardness	**857**	mg/L	1.0	1		04/29/10 18:03		
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 08:48	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 08:48	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 08:48	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 08:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 08:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 08:48	75-35-4	
cis-1,2-Dichloroethene	**41.1**	ug/L	5.0	1		05/01/10 08:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 08:48	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 08:48	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 08:48	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 08:48	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 08:48	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 08:48	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 08:48	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 08:48	79-01-6	
Vinyl chloride	**1900**	ug/L	50.0	25		05/03/10 13:47	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 08:48	1330-20-7	
Dibromofluoromethane (S)	100	%	80-123	1		05/01/10 08:48	1868-53-7	
4-Bromofluorobenzene (S)	100	%	70-126	1		05/01/10 08:48	460-00-4	
Toluene-d8 (S)	99	%	80-116	1		05/01/10 08:48	2037-26-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	ND	mg/L	0.10	1		04/23/10 16:25		
ASTM D516-9002 Sulfate Water	Analytical Method: ASTM D516-90,02							
Sulfate	**7.1**	mg/L	5.0	1		04/28/10 15:40	14808-79-8	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: Dup-2 **Lab ID: 5036882022** Collected: 04/22/10 08:00 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 09:18	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 09:18	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 09:18	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 09:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 09:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 09:18	75-35-4	
cis-1,2-Dichloroethene	**53.5**	ug/L	5.0	1		05/01/10 09:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 09:18	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 09:18	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 09:18	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 09:18	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 09:18	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 09:18	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 09:18	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 09:18	79-01-6	
Vinyl chloride	**103**	ug/L	2.0	1		05/01/10 09:18	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 09:18	1330-20-7	
Dibromofluoromethane (S)	99	%	80-123	1		05/01/10 09:18	1868-53-7	
4-Bromofluorobenzene (S)	98	%	70-126	1		05/01/10 09:18	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		05/01/10 09:18	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: EQ Blank **Lab ID: 5036882023** Collected: 04/22/10 17:00 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 09:47	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 09:47	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 09:47	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 09:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 09:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 09:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 09:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 09:47	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 09:47	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 09:47	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 09:47	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 09:47	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 09:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 09:47	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 09:47	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/10 09:47	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 09:47	1330-20-7	
Dibromofluoromethane (S)	100	%	80-123	1		05/01/10 09:47	1868-53-7	
4-Bromofluorobenzene (S)	99	%	70-126	1		05/01/10 09:47	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		05/01/10 09:47	2037-26-5	

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ANALYTICAL RESULTS

Project: MI Plaza M01046
Pace Project No.: 5036882

Sample: Trip Blank **Lab ID: 5036882024** Collected: 04/22/10 08:00 Received: 04/23/10 10:12 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		05/01/10 10:16	71-43-2	
Carbon tetrachloride	ND	ug/L	5.0	1		05/01/10 10:16	56-23-5	
Chloroform	ND	ug/L	5.0	1		05/01/10 10:16	67-66-3	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/01/10 10:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/01/10 10:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/01/10 10:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 10:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/01/10 10:16	156-60-5	
Ethylbenzene	ND	ug/L	5.0	1		05/01/10 10:16	100-41-4	
Methylene chloride	ND	ug/L	5.0	1		05/01/10 10:16	75-09-2	
Naphthalene	ND	ug/L	5.0	1		05/01/10 10:16	91-20-3	
Tetrachloroethene	ND	ug/L	5.0	1		05/01/10 10:16	127-18-4	
Toluene	ND	ug/L	5.0	1		05/01/10 10:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/01/10 10:16	71-55-6	
Trichloroethene	ND	ug/L	5.0	1		05/01/10 10:16	79-01-6	
Vinyl chloride	ND	ug/L	2.0	1		05/01/10 10:16	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		05/01/10 10:16	1330-20-7	
Dibromofluoromethane (S)	98	%	80-123	1		05/01/10 10:16	1868-53-7	
4-Bromofluorobenzene (S)	100	%	70-126	1		05/01/10 10:16	460-00-4	
Toluene-d8 (S)	100	%	80-116	1		05/01/10 10:16	2037-26-5	

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QUALITY CONTROL DATA

Project: MI Plaza M01046
Pace Project No.: 5036882

QC Batch: MSV/23640 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5036882013, 5036882014, 5036882015, 5036882016, 5036882017, 5036882018, 5036882019, 5036882020, 5036882021, 5036882022, 5036882023, 5036882024

METHOD BLANK: 428264 Matrix: Water
Associated Lab Samples: 5036882013, 5036882014, 5036882015, 5036882016, 5036882017, 5036882018, 5036882019, 5036882020, 5036882021, 5036882022, 5036882023, 5036882024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	05/01/10 00:34	
1,1-Dichloroethane	ug/L	ND	5.0	05/01/10 00:34	
1,1-Dichloroethene	ug/L	ND	5.0	05/01/10 00:34	
1,2-Dichloroethane	ug/L	ND	5.0	05/01/10 00:34	
Benzene	ug/L	ND	5.0	05/01/10 00:34	
Carbon tetrachloride	ug/L	ND	5.0	05/01/10 00:34	
Chloroform	ug/L	ND	5.0	05/01/10 00:34	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/01/10 00:34	
Ethylbenzene	ug/L	ND	5.0	05/01/10 00:34	
Methylene chloride	ug/L	ND	5.0	05/01/10 00:34	
Naphthalene	ug/L	ND	5.0	05/01/10 00:34	
Tetrachloroethene	ug/L	ND	5.0	05/01/10 00:34	
Toluene	ug/L	ND	5.0	05/01/10 00:34	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/01/10 00:34	
Trichloroethene	ug/L	ND	5.0	05/01/10 00:34	
Vinyl chloride	ug/L	ND	2.0	05/01/10 00:34	
Xylene (Total)	ug/L	ND	10.0	05/01/10 00:34	
4-Bromofluorobenzene (S)	%	97	70-126	05/01/10 00:34	
Dibromofluoromethane (S)	%	97	80-123	05/01/10 00:34	
Toluene-d8 (S)	%	101	80-116	05/01/10 00:34	

LABORATORY CONTROL SAMPLE: 428265

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.5	93	69-136	
1,1-Dichloroethane	ug/L	50	47.1	94	67-133	
1,1-Dichloroethene	ug/L	50	40.7	81	63-128	
1,2-Dichloroethane	ug/L	50	47.8	96	69-139	
Benzene	ug/L	50	47.5	95	78-127	
Carbon tetrachloride	ug/L	50	44.2	88	62-143	
Chloroform	ug/L	50	46.0	92	74-131	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	74-128	
Ethylbenzene	ug/L	50	45.8	92	81-126	
Methylene chloride	ug/L	50	46.1	92	32-164	
Naphthalene	ug/L	50	44.8	90	61-135	
Tetrachloroethene	ug/L	50	42.1	84	60-119	
Toluene	ug/L	50	46.1	92	75-129	
trans-1,2-Dichloroethene	ug/L	50	53.4	107	71-126	
Trichloroethene	ug/L	50	45.6	91	74-130	
Vinyl chloride	ug/L	50	52.3	105	55-141	

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QUALITY CONTROL DATA

Project: MI Plaza M01046
Pace Project No.: 5036882

LABORATORY CONTROL SAMPLE: 428265

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	150	140	93	76-132	
4-Bromofluorobenzene (S)	%			97	70-126	
Dibromofluoromethane (S)	%			101	80-123	
Toluene-d8 (S)	%			102	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 428266 428267

Parameter	Units	5036882016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	46.6	46.6	93	93	64-143	.1	20	
1,1-Dichloroethane	ug/L	ND	50	50	50.4	50.3	101	101	68-139	.3	20	
1,1-Dichloroethene	ug/L	ND	50	50	44.8	43.7	90	87	55-140	3	20	
1,2-Dichloroethane	ug/L	ND	50	50	51.8	51.6	104	103	63-148	.4	20	
Benzene	ug/L	ND	50	50	45.5	45.1	91	90	63-141	.9	20	
Carbon tetrachloride	ug/L	ND	50	50	44.8	44.7	90	89	54-145	.3	20	
Chloroform	ug/L	ND	50	50	47.6	47.6	95	95	67-134	.04	20	
cis-1,2-Dichloroethene	ug/L	4300	50	50	3330	3300	-1940	-2010	65-132	.9	20	M0
Ethylbenzene	ug/L	ND	50	50	32.5	31.4	65	63	44-151	4	20	
Methylene chloride	ug/L	ND	50	50	53.1	51.1	106	102	46-154	4	20	
Naphthalene	ug/L	ND	50	50	45.0	42.5	90	85	44-138	6	20	
Tetrachloroethene	ug/L	ND	50	50	35.2	34.3	70	69	25-146	2	20	
Toluene	ug/L	ND	50	50	40.3	39.8	80	79	59-142	1	20	
trans-1,2-Dichloroethene	ug/L	77.1	50	50	126	117	97	81	60-137	7	20	
Trichloroethene	ug/L	ND	50	50	42.9	42.7	77	77	61-137	.4	20	
Vinyl chloride	ug/L	1710	50	50	1560	1520	-299	-368	51-144	2	20	M0
Xylene (Total)	ug/L	ND	150	150	98.0	95.1	65	63	44-152	3	20	
4-Bromofluorobenzene (S)	%						96	97	70-126		20	
Dibromofluoromethane (S)	%						100	101	80-123		20	
Toluene-d8 (S)	%						105	104	80-116		20	

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QUALITY CONTROL DATA

Project: MI Plaza M01046
Pace Project No.: 5036882

QC Batch: MSV/23642 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5036882001, 5036882002, 5036882003, 5036882004

METHOD BLANK: 428272 Matrix: Water
Associated Lab Samples: 5036882001, 5036882002, 5036882003, 5036882004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	04/30/10 16:09	
1,1-Dichloroethane	ug/L	ND	5.0	04/30/10 16:09	
1,1-Dichloroethene	ug/L	ND	5.0	04/30/10 16:09	
1,2-Dichloroethane	ug/L	ND	5.0	04/30/10 16:09	
Benzene	ug/L	ND	5.0	04/30/10 16:09	
Carbon tetrachloride	ug/L	ND	5.0	04/30/10 16:09	
Chloroform	ug/L	ND	5.0	04/30/10 16:09	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/30/10 16:09	
Ethylbenzene	ug/L	ND	5.0	04/30/10 16:09	
Methylene chloride	ug/L	ND	5.0	04/30/10 16:09	
Naphthalene	ug/L	ND	5.0	04/30/10 16:09	
Tetrachloroethene	ug/L	ND	5.0	04/30/10 16:09	
Toluene	ug/L	ND	5.0	04/30/10 16:09	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/30/10 16:09	
Trichloroethene	ug/L	ND	5.0	04/30/10 16:09	
Vinyl chloride	ug/L	ND	2.0	04/30/10 16:09	
Xylene (Total)	ug/L	ND	10.0	04/30/10 16:09	
4-Bromofluorobenzene (S)	%	99	70-126	04/30/10 16:09	
Dibromofluoromethane (S)	%	100	80-123	04/30/10 16:09	
Toluene-d8 (S)	%	100	80-116	04/30/10 16:09	

LABORATORY CONTROL SAMPLE: 428273

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.5	101	69-136	
1,1-Dichloroethane	ug/L	50	48.5	97	67-133	
1,1-Dichloroethene	ug/L	50	55.3	111	63-128	
1,2-Dichloroethane	ug/L	50	49.1	98	69-139	
Benzene	ug/L	50	50.5	101	78-127	
Carbon tetrachloride	ug/L	50	47.3	95	62-143	
Chloroform	ug/L	50	48.6	97	74-131	
cis-1,2-Dichloroethene	ug/L	50	52.1	104	74-128	
Ethylbenzene	ug/L	50	51.0	102	81-126	
Methylene chloride	ug/L	50	49.6	99	32-164	
Naphthalene	ug/L	50	52.5	105	61-135	
Tetrachloroethene	ug/L	50	46.8	94	60-119	
Toluene	ug/L	50	49.3	99	75-129	
trans-1,2-Dichloroethene	ug/L	50	55.3	111	71-126	
Trichloroethene	ug/L	50	51.2	102	74-130	
Vinyl chloride	ug/L	50	58.0	116	55-141	
Xylene (Total)	ug/L	150	153	102	76-132	

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7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

QUALITY CONTROL DATA

Project: MI Plaza M01046
Pace Project No.: 5036882

LABORATORY CONTROL SAMPLE: 428273

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			102	70-126	
Dibromofluoromethane (S)	%			97	80-123	
Toluene-d8 (S)	%			101	80-116	

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(317)875-5894

QUALITY CONTROL DATA

Project: MI Plaza M01046
Pace Project No.: 5036882

QC Batch: MSV/23643 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5036882005, 5036882006, 5036882007, 5036882008, 5036882009, 5036882010, 5036882011, 5036882012

METHOD BLANK: 428274 Matrix: Water
Associated Lab Samples: 5036882005, 5036882006, 5036882007, 5036882008, 5036882009, 5036882010, 5036882011, 5036882012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	05/01/10 00:07	
1,1-Dichloroethane	ug/L	ND	5.0	05/01/10 00:07	
1,1-Dichloroethene	ug/L	ND	5.0	05/01/10 00:07	
1,2-Dichloroethane	ug/L	ND	5.0	05/01/10 00:07	
Benzene	ug/L	ND	5.0	05/01/10 00:07	
Carbon tetrachloride	ug/L	ND	5.0	05/01/10 00:07	
Chloroform	ug/L	ND	5.0	05/01/10 00:07	
cis-1,2-Dichloroethene	ug/L	ND	5.0	05/01/10 00:07	
Ethylbenzene	ug/L	ND	5.0	05/01/10 00:07	
Methylene chloride	ug/L	ND	5.0	05/01/10 00:07	
Naphthalene	ug/L	ND	5.0	05/01/10 00:07	
Tetrachloroethene	ug/L	ND	5.0	05/01/10 00:07	
Toluene	ug/L	ND	5.0	05/01/10 00:07	
trans-1,2-Dichloroethene	ug/L	ND	5.0	05/01/10 00:07	
Trichloroethene	ug/L	ND	5.0	05/01/10 00:07	
Vinyl chloride	ug/L	ND	2.0	05/01/10 00:07	
Xylene (Total)	ug/L	ND	10.0	05/01/10 00:07	
4-Bromofluorobenzene (S)	%	97	70-126	05/01/10 00:07	
Dibromofluoromethane (S)	%	100	80-123	05/01/10 00:07	
Toluene-d8 (S)	%	99	80-116	05/01/10 00:07	

LABORATORY CONTROL SAMPLE: 428275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.3	99	69-136	
1,1-Dichloroethane	ug/L	50	48.0	96	67-133	
1,1-Dichloroethene	ug/L	50	52.9	106	63-128	
1,2-Dichloroethane	ug/L	50	48.5	97	69-139	
Benzene	ug/L	50	49.2	98	78-127	
Carbon tetrachloride	ug/L	50	48.0	96	62-143	
Chloroform	ug/L	50	47.7	95	74-131	
cis-1,2-Dichloroethene	ug/L	50	49.5	99	74-128	
Ethylbenzene	ug/L	50	47.8	96	81-126	
Methylene chloride	ug/L	50	47.4	95	32-164	
Naphthalene	ug/L	50	48.7	97	61-135	
Tetrachloroethene	ug/L	50	43.7	87	60-119	
Toluene	ug/L	50	46.6	93	75-129	
trans-1,2-Dichloroethene	ug/L	50	52.1	104	71-126	
Trichloroethene	ug/L	50	49.4	99	74-130	
Vinyl chloride	ug/L	50	55.2	110	55-141	
Xylene (Total)	ug/L	150	143	96	76-132	

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7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

QUALITY CONTROL DATA

Project: MI Plaza M01046
Pace Project No.: 5036882

LABORATORY CONTROL SAMPLE: 428275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			102	70-126	
Dibromofluoromethane (S)	%			100	80-123	
Toluene-d8 (S)	%			98	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 428276 428277

Parameter	Units	5036882005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	48.1	47.4	96	95	64-143	2	20	
1,1-Dichloroethane	ug/L	ND	50	50	49.5	48.1	99	96	68-139	3	20	
1,1-Dichloroethene	ug/L	ND	50	50	54.6	52.9	109	106	55-140	3	20	
1,2-Dichloroethane	ug/L	ND	50	50	50.0	49.9	100	100	63-148	.3	20	
Benzene	ug/L	ND	50	50	47.2	46.7	94	93	63-141	1	20	
Carbon tetrachloride	ug/L	ND	50	50	45.2	45.0	90	90	54-145	.5	20	
Chloroform	ug/L	ND	50	50	48.0	46.4	96	93	67-134	3	20	
cis-1,2-Dichloroethene	ug/L	8.6	50	50	53.2	51.8	89	86	65-132	3	20	
Ethylbenzene	ug/L	ND	50	50	36.0	36.7	72	73	44-151	2	20	
Methylene chloride	ug/L	ND	50	50	49.3	47.9	90	88	46-154	3	20	
Naphthalene	ug/L	ND	50	50	45.5	43.6	91	87	44-138	4	20	
Tetrachloroethene	ug/L	ND	50	50	34.0	35.2	68	70	25-146	3	20	
Toluene	ug/L	ND	50	50	38.9	38.9	77	78	59-142	.2	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	52.7	51.1	105	102	60-137	3	20	
Trichloroethene	ug/L	ND	50	50	43.5	43.0	87	86	61-137	1	20	
Vinyl chloride	ug/L	ND	50	50	60.2	57.0	120	114	51-144	5	20	
Xylene (Total)	ug/L	ND	150	150	106	108	71	72	44-152	2	20	
4-Bromofluorobenzene (S)	%						102	101	70-126		20	
Dibromofluoromethane (S)	%						99	101	80-123		20	
Toluene-d8 (S)	%						100	100	80-116		20	

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QUALITY CONTROL DATA

Project: MI Plaza M01046
Pace Project No.: 5036882

QC Batch: WETA/4925 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 5036882003, 5036882004, 5036882006, 5036882008, 5036882009, 5036882011, 5036882013, 5036882016, 5036882018, 5036882021

METHOD BLANK: 425225 | Matrix: Water
Associated Lab Samples: 5036882003, 5036882004, 5036882006, 5036882008, 5036882009, 5036882011, 5036882013, 5036882016, 5036882018, 5036882021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	04/23/10 16:22	

LABORATORY CONTROL SAMPLE: 425226

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	2	1.9	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 425227 425228

Parameter	Units	5036882016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	2	2	1.3	1.4	63	68	90-110	7	20	M3

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QUALITY CONTROL DATA

Project: MI Plaza M01046
Pace Project No.: 5036882

QC Batch: WETA/4938 | Analysis Method: ASTM D516-90,02
QC Batch Method: ASTM D516-90,02 | Analysis Description: ASTM D516-9002 Sulfate Water
Associated Lab Samples: 5036882003, 5036882004, 5036882006, 5036882008, 5036882009, 5036882011, 5036882013, 5036882016, 5036882018, 5036882021

METHOD BLANK: 426775 | Matrix: Water
Associated Lab Samples: 5036882003, 5036882004, 5036882006, 5036882008, 5036882009, 5036882011, 5036882013, 5036882016, 5036882018, 5036882021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	5.0	04/28/10 15:40	

LABORATORY CONTROL SAMPLE: 426776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.1	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 426777 426778

Parameter	Units	5036882016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	94.0	100	100	202	200	108	106	75-125	1	20	

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QUALIFIERS

Project: MI Plaza M01046
Pace Project No.: 5036882

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

M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MI Plaza M01046
Pace Project No.: 5036882

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
5036882003	**MMW-P-03S**	SM 2340B	ICP/5020		
5036882008	**MMW-P-08**	SM 2340B	ICP/5020		
5036882016	**MMW-9S**	SM 2340B	ICP/5020		
5036882021	**Dup-1**	SM 2340B	ICP/5020		
5036882001	**MMW-P-01**	EPA 8260	MSV/23642		
5036882002	**MMW-P-02**	EPA 8260	MSV/23642		
5036882003	**MMW-P-03S**	EPA 8260	MSV/23642		
5036882004	**MMW-P-03D**	EPA 8260	MSV/23642		
5036882005	**MMW-P-05**	EPA 8260	MSV/23643		
5036882006	**MMW-P-06**	EPA 8260	MSV/23643		
5036882007	**MMW-P-07**	EPA 8260	MSV/23643		
5036882008	**MMW-P-08**	EPA 8260	MSV/23643		
5036882009	**MMW-P-09S**	EPA 8260	MSV/23643		
5036882010	**MMW-P-09D**	EPA 8260	MSV/23643		
5036882011	**MMW-P-10S**	EPA 8260	MSV/23643		
5036882012	**MMW-P-10D**	EPA 8260	MSV/23643		
5036882013	**MMW-1S**	EPA 8260	MSV/23640		
5036882014	**MMW-2S**	EPA 8260	MSV/23640		
5036882015	**MMW-8S**	EPA 8260	MSV/23640		
5036882016	**MMW-9S**	EPA 8260	MSV/23640		
5036882017	**MMW-10S**	EPA 8260	MSV/23640		
5036882018	**MMW-11S**	EPA 8260	MSV/23640		
5036882019	**MMW-11D**	EPA 8260	MSV/23640		
5036882020	**MMW-13D**	EPA 8260	MSV/23640		
5036882021	**Dup-1**	EPA 8260	MSV/23640		
5036882022	**Dup-2**	EPA 8260	MSV/23640		
5036882023	**EQ Blank**	EPA 8260	MSV/23640		
5036882024	**Trip Blank**	EPA 8260	MSV/23640		
5036882003	**MMW-P-03S**	EPA 353.2	WETA/4925		
5036882004	**MMW-P-03D**	EPA 353.2	WETA/4925		
5036882006	**MMW-P-06**	EPA 353.2	WETA/4925		
5036882008	**MMW-P-08**	EPA 353.2	WETA/4925		
5036882009	**MMW-P-09S**	EPA 353.2	WETA/4925		
5036882011	**MMW-P-10S**	EPA 353.2	WETA/4925		
5036882013	**MMW-1S**	EPA 353.2	WETA/4925		
5036882016	**MMW-9S**	EPA 353.2	WETA/4925		
5036882018	**MMW-11S**	EPA 353.2	WETA/4925		
5036882021	**Dup-1**	EPA 353.2	WETA/4925		
5036882003	**MMW-P-03S**	ASTM D516-90,02	WETA/4938		
5036882004	**MMW-P-03D**	ASTM D516-90,02	WETA/4938		
5036882006	**MMW-P-06**	ASTM D516-90,02	WETA/4938		
5036882008	**MMW-P-08**	ASTM D516-90,02	WETA/4938		
5036882009	**MMW-P-09S**	ASTM D516-90,02	WETA/4938		
5036882011	**MMW-P-10S**	ASTM D516-90,02	WETA/4938		
5036882013	**MMW-1S**	ASTM D516-90,02	WETA/4938		
5036882016	**MMW-9S**	ASTM D516-90,02	WETA/4938		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MI Plaza M01046
Pace Project No.: 5036882

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
5036882018	**MMW-11S**	ASTM D516-90,02	WETA/4938		
5036882021	**Dup-1**	ASTM D516-90,02	WETA/4938		

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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: 1 of 2

1337121

Section A Required Client Information:

Company: Mundell & Associates
Address: 110 S. Downey Ave
Indpls, IN 46219
Email To:
Phone: 317-638-9060 Fax: 317-630-9065
Requested Due Date/TAT: SAT

Section B Required Project Information:

Report To: Sarah Webb
Copy To:
Purchase Order No.:
Project Name: MT. Plaza
Project Number: M01046

Section C Invoice Information:

Attention: Mark Tebbe
Company Name: Mundell
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): VOC's 8260 *; Nitrate 353.2; Sulfate 375.4; Hardness 130.2

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	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 Test (Y/N): VOC's 8260 *	Nitrate 353.2	Sulfate 375.4	Hardness 130.2	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MMW-P-01	WT	G			4/22/10	11:17A		3				X					X					5036882 001
2	MMW-P-02						9:32A		3														002
3	MMW-P-03S						9:47A		5	X		X							X	X	X		003
4	MMW-P-03D						9:31A		4	X									X	X			004
5	MMW-P-05(MS'/MSD)						10:37A		9														005
6	MMW-P-06						10:56A		4	X									X	X			006
7	MMW-P-07						12:33p		3														007
8	MMW-P-08						12:10p		5	X		X							X	X	X		008
9	MMW-P-09S						3:59p		4	X									X	X			009
10	MMW-P-09D						4:16p		3														010
11	MMW-P-10S						11:49A		4	X									X	X			011
12	MMW-P-10D						11:36A		3														012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
* Please use Short list for VOC'S	[signature]	4/23/10	10:12	[signature]	4/23/10	10:12	1.9°C	Y	N	Y

WI Client delv

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andy Dannels

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 4/23/10

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

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 2

1337122

Section A Required Client Information:

Company:	Mundell & Associates
Address:	110 S. Downey Ave Indpls, IN 46219
Email To:	
Phone:	317-630-9060
Fax:	317-630-9065
Requested Due Date/TAT:	SAT

Section B Required Project Information:

Report To:	Sarah Webb
Copy To:	
Purchase Order No.:	
Project Name:	MI Plaza
Project Number:	M01046

Section C Invoice Information:

Attention:	Merle Tebbe
Company Name:	Mundell
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	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 Test (Y/N): VOC's 8260*	Sulfate 375.4	Nitrate 353.2	Hardness 130.2	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MMW-1S	WT	G			4/22/10	3:31p		4	X			X					X	X	X	X		-013
2	MMW-2S						1:19p		3														-014
3	MMW-8S						2:16p		3														-015
4	MMW-9S (MS2/MSD2)						2:59p		15	X		X							X	X	X		-016
5	MMW-10S						3:16p		3														017
6	MMW-11S						1:42p		4	X									X	X			018
7	MMW-11D						2:09p		3														019
8	MMW-13D						2:33p		3														020
9	DUP 1							5	[illegible]	X		X							X	X	X		021
10	DUP 2							3	[illegible]	[illegible]													022
11	EQ Blank					4/22/10	5:09p		3														023
12	Trip Blank								3														024

5036882

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
* Please use short list for VOC's	[signature]	4/23/10	10:12	K. Cool Lids	4/23/10	10:12	1.9°C	Y	N	Y

WI
Client deliv

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: [signature]

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 4/23/10

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Condition Upon Receipt

Pace Analytical

Client Name: Mundell Project # 5036882

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 Foam

Thermometer Used 12345 Type of Ice: Wet Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 1.9°C Ice Visible in Sample Containers: ☑ yes ☐ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 4/23/10

		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.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	5. Filtrate + 4/23/10
Rush Turn Around Time Requested:	☐Yes ☐No ☐N/A	6.
Containers Intact:	☐Yes ☑No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis Water	☑Yes ☐No ☐N/A	8.
All containers needing preservation have been pH checked? exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No ☐N/A	9.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
Headspace in VOA Vials (>6mm):	☑Yes ☐No ☐N/A	10. See Below 4/23/10
Trip Blank Present:	☑Yes ☐No ☐N/A	11.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Project Manager Review		
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	12.
Sufficient Volume:	☑Yes ☐No ☐N/A	13. Did not RECV HNO3 cont. for MMW-15
Correct Containers Used:	☑Yes ☐No ☐N/A	14.

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: The following vials have headspace: 1 vial of MMW-2, 1 vial of MMW-85, ~~MS~~ 1 vial of MS2, 1 vial of 10S, 1 vial of Trip Blank, and 1 vial of P-035 4/23/10

Received 6 trip Blanks but 3 was recorded on the COC 4/23/10

Informed Sarah that container for Hardness was not received for MMW-15

Project Manager Review: _____ **Date:** 4/23/10

Form F-IN-Q290-rev.0, 02Mar2010

Sample Container Count

CLIENT: Mundell

COC PAGE 1 of 2
COC ID# 1337121

Project # 5036882

Pace Analytical
www.pacelabs.com

Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1	3															
2	3															
3	3				1				1							
4	3								1							
5	~~3~~ 9															
6	3								1							
7	3															
8	3				1				1							
9	3				1				2							
10	3															
11	3								1							
12	3															

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: Mundel

COC PAGE 2 of 2
COC ID# 1337122

Project # 5036882

Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H				Comments
1	3								1							
2	3															
3	3 @4/23/10															
4	~~3~~ 9				2				2							
5	3															
6	3								1							
7	3															
8	3															
9	3				1				1							
10	3															
11	3															
12	6															

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

microseeps
from insight comes solutions

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Page: Page 1 of 5
Lab Proj #: P1004407
Report Date: 05/10/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Laboratory Results

Total pages in data package: 6

Lab Sample #	Client Sample ID
P1004407-01	B-1
P1004407-02	B-4
P1004407-03	B-5
P1004407-04	B-7

Microseeps test results meet all the requirements of the NELAC standards or provide reasons and/or justification if they do not.

Approved By: Debbie Hallo (HH) ***Date:*** 5·10·10

Project Manager: Debbie Hallo

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative:

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Lab Proj #: P1004407
Report Date: 05/10/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
B-1	Vapor	P1004407-01	23 Apr. 10 11:45	28 Apr. 10 14:05

Analyte(s)	Flag	Result	PQL	MDL	Units	Method #	Analysis Date	By
RiskAnalysis								
N 1,1,1-Trichloroethane	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/5/10	mm
N 1,1-Dichloroethane	U	< 0.0200	0.0200	0.0057	PPMV	AM4.02	5/5/10	mm
N 1,1-Dichloroethene	U	< 0.0100	0.0100	0.0011	PPMV	AM4.02	5/5/10	mm
N Carbon Tetrachloride	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/5/10	mm
N Chloroform	J	0.0019	0.0050	0.0005	PPMV	AM4.02	5/5/10	mm
N cis-1,2-Dichloroethene	U	< 0.0200	0.0200	0.0065	PPMV	AM4.02	5/5/10	mm
N Methylene Chloride	U	< 2.0000	2.0000	0.1500	PPMV	AM4.02	5/5/10	mm
N Tetrachloroethene		0.1300	0.0100	0.0006	PPMV	AM4.02	5/5/10	mm
N trans-1,2-Dichloroethene	U	< 0.0100	0.0100	0.0039	PPMV	AM4.02	5/5/10	mm
N Trichloroethene	J	0.0016	0.0100	0.0008	PPMV	AM4.02	5/5/10	mm
N Vinyl Chloride	U	< 1.0000	1.0000	0.0400	PPMV	AM4.02	5/5/10	mm

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Lab Proj #: P1004407
Report Date: 05/10/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
B-4	Vapor	P1004407-02	23 Apr. 10 11:30	28 Apr. 10 14:05

Analyte(s)	Flag	Result	PQL	MDL	Units	Method #	Analysis Date	By
RiskAnalysis								
N 1,1,1-Trichloroethane	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/5/10	mm
N 1,1-Dichloroethane	U	< 0.0200	0.0200	0.0057	PPMV	AM4.02	5/5/10	mm
N 1,1-Dichloroethene	U	< 0.0100	0.0100	0.0011	PPMV	AM4.02	5/5/10	mm
N Carbon Tetrachloride	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/5/10	mm
N Chloroform	J	0.0009	0.0050	0.0005	PPMV	AM4.02	5/5/10	mm
N cis-1,2-Dichloroethene	U	< 0.0200	0.0200	0.0065	PPMV	AM4.02	5/5/10	mm
N Methylene Chloride	U	< 2.0000	2.0000	0.1500	PPMV	AM4.02	5/5/10	mm
N Tetrachloroethene		0.0170	0.0100	0.0006	PPMV	AM4.02	5/5/10	mm
N trans-1,2-Dichloroethene	U	< 0.0100	0.0100	0.0039	PPMV	AM4.02	5/5/10	mm
N Trichloroethene	U	< 0.0100	0.0100	0.0008	PPMV	AM4.02	5/5/10	mm
N Vinyl Chloride	U	< 1.0000	1.0000	0.0400	PPMV	AM4.02	5/5/10	mm

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Lab Proj #: P1004407
Report Date: 05/10/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
B-5	Vapor	P1004407-03	23 Apr. 10 10:45	28 Apr. 10 14:05

Analyte(s)	Flag	Result	PQL	MDL	Units	Method #	Analysis Date	By
RiskAnalysis								
N 1,1,1-Trichloroethane	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/5/10	mm
N 1,1-Dichloroethane	U	< 0.0200	0.0200	0.0057	PPMV	AM4.02	5/5/10	mm
N 1,1-Dichloroethene	U	< 0.0100	0.0100	0.0011	PPMV	AM4.02	5/5/10	mm
N Carbon Tetrachloride	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/5/10	mm
N Chloroform	U	< 0.0050	0.0050	0.0005	PPMV	AM4.02	5/5/10	mm
N cis-1,2-Dichloroethene	U	< 0.0200	0.0200	0.0065	PPMV	AM4.02	5/5/10	mm
N Methylene Chloride	U	< 2.0000	2.0000	0.1500	PPMV	AM4.02	5/5/10	mm
N Tetrachloroethene		0.0120	0.0100	0.0006	PPMV	AM4.02	5/5/10	mm
N trans-1,2-Dichloroethene	U	< 0.0100	0.0100	0.0039	PPMV	AM4.02	5/5/10	mm
N Trichloroethene	J	0.0010	0.0100	0.0008	PPMV	AM4.02	5/5/10	mm
N Vinyl Chloride	U	< 1.0000	1.0000	0.0400	PPMV	AM4.02	5/5/10	mm

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Lab Proj #: P1004407
Report Date: 05/10/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
B-7	Vapor	P1004407-04	23 Apr. 10 11:15	28 Apr. 10 14:05

Analyte(s)	Flag	Result	PQL	MDL	Units	Method #	Analysis Date	By
RiskAnalysis								
N 1,1,1-Trichloroethane	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/5/10	mm
N 1,1-Dichloroethane	U	< 0.0200	0.0200	0.0057	PPMV	AM4.02	5/5/10	mm
N 1,1-Dichloroethene	U	< 0.0100	0.0100	0.0011	PPMV	AM4.02	5/5/10	mm
N Carbon Tetrachloride	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/5/10	mm
N Chloroform	U	< 0.0050	0.0050	0.0005	PPMV	AM4.02	5/5/10	mm
N cis-1,2-Dichloroethene	U	< 0.0200	0.0200	0.0065	PPMV	AM4.02	5/5/10	mm
N Methylene Chloride	U	< 2.0000	2.0000	0.1500	PPMV	AM4.02	5/5/10	mm
N Tetrachloroethene	U	< 0.0100	0.0100	0.0006	PPMV	AM4.02	5/5/10	mm
N trans-1,2-Dichloroethene	U	< 0.0100	0.0100	0.0039	PPMV	AM4.02	5/5/10	mm
N Trichloroethene	U	< 0.0100	0.0100	0.0008	PPMV	AM4.02	5/5/10	mm
N Vinyl Chloride	J	0.0770	1.0000	0.0400	PPMV	AM4.02	5/5/10	mm

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Microseeps Lab. Proj. # P1004407

CHAIN - OF - CUSTODY RECORD

Microseeps COC cont. # 507

Phone: (412) 826-5245 | Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238 | Fax No. : (412) 826-3433

Company : Mundell & Associates INC.

Co. Address : 110 S. Downey ave Indpls, IN, 46219

Phone # : 317-630-9060 Fax #: 317-630-9065

Proj. Manager : Sarah Webb

Proj. Name/Number : Michigan Plaza M110416

Sampler's signature :

Cooler Temp.

Results to : Sarah Webb
110 S. Downey ave
Indpls, IN 46219
swebb@mundellassociates.com

Invoice to : Merle Tebbe
110 S. Downey Ave
Indpls, IN 46219

Parameters Requested

Sample ID	Sample Description	Sample Type Water	Vapor	Solid	Date	Time	# Bottles	Chlorinated Hydrocarbons	Remarks :
B-1	Vapor Air		✓		4/23/10	11:45A	2	X	
B-4	↓		↓		↓	11:30A		X	
B-5						10:45A	2	X	
B-7	✓		✓		✓	11:15A	2	X	

Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
	Mundell	4/27/10	10:30A		M	4/28/10	1000
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :

WHITE COPY : Accompany Samples YELLOW COPY : Laboratory File PINK COPY : Submitter

microseeps
from insight comes solutions

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Lab Proj #: P1005131
Report Date: 05/17/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Laboratory Results

Total pages in data package: 4

Lab Sample #	Client Sample ID
P1005131-01	B-2
P1005131-02	B-3

Microseeps test results meet all the requirements of the NELAC standards or provide reasons and/or justification if they do not.

Approved By: Debbie Hallo ***Date:*** 5-17-10

Project Manager: Debbie Hallo

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative:

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Lab Proj #: P1005131
Report Date: 05/17/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
B-2	Vapor	P1005131-01	06 May. 10 11:15	10 May. 10 13:35

Analyte(s)	Flag	Result	PQL	MDL	Units	Method #	Analysis Date	By
RiskAnalysis								
N 1,1,1-Trichloroethane	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/12/10	mm
N 1,1-Dichloroethane	U	< 0.0200	0.0200	0.0057	PPMV	AM4.02	5/12/10	mm
N 1,1-Dichloroethene	U	< 0.0100	0.0100	0.0011	PPMV	AM4.02	5/12/10	mm
N Carbon Tetrachloride	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/12/10	mm
N Chloroform	J	0.0023	0.0050	0.0005	PPMV	AM4.02	5/12/10	mm
N cis-1,2-Dichloroethene	U	< 0.0200	0.0200	0.0065	PPMV	AM4.02	5/12/10	mm
N Methylene Chloride	U	< 2.0000	2.0000	0.1500	PPMV	AM4.02	5/12/10	mm
N Tetrachloroethene		0.1500	0.0100	0.0006	PPMV	AM4.02	5/12/10	mm
N trans-1,2-Dichloroethene	U	< 0.0100	0.0100	0.0039	PPMV	AM4.02	5/12/10	mm
N Trichloroethene	J	0.0021	0.0100	0.0008	PPMV	AM4.02	5/12/10	mm
N Vinyl Chloride	J	0.0420	1.0000	0.0400	PPMV	AM4.02	5/12/10	mm

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Lab Proj #: P1005131
Report Date: 05/17/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
B-3	Vapor	P1005131-02	06 May. 10 11:35	10 May. 10 13:35

Analyte(s)	Flag	Result	PQL	MDL	Units	Method #	Analysis Date	By
RiskAnalysis								
N 1,1,1-Trichloroethane	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/12/10	mm
N 1,1-Dichloroethane	U	< 0.0200	0.0200	0.0057	PPMV	AM4.02	5/12/10	mm
N 1,1-Dichloroethene	U	< 0.0100	0.0100	0.0011	PPMV	AM4.02	5/12/10	mm
N Carbon Tetrachloride	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/12/10	mm
N Chloroform	J	0.0008	0.0050	0.0005	PPMV	AM4.02	5/12/10	mm
N cis-1,2-Dichloroethene	U	< 0.0200	0.0200	0.0065	PPMV	AM4.02	5/12/10	mm
N Methylene Chloride	U	< 2.0000	2.0000	0.1500	PPMV	AM4.02	5/12/10	mm
N Tetrachloroethene		0.2500	0.0100	0.0006	PPMV	AM4.02	5/12/10	mm
N trans-1,2-Dichloroethene	U	< 0.0100	0.0100	0.0039	PPMV	AM4.02	5/12/10	mm
N Trichloroethene	J	0.0020	0.0100	0.0008	PPMV	AM4.02	5/12/10	mm
N Vinyl Chloride	U	< 1.0000	1.0000	0.0400	PPMV	AM4.02	5/12/10	mm

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Microseeps Lab. Proj. # P1005131

CHAIN - OF - CUSTODY RECORD

Microseeps COC cont. # 510

Phone: (412) 826-5245 | Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238 | Fax No. : (412) 826-3433

Company : Mundell & Associates

Co. Address : 110 S. Downey Ave Indpls, IN

Phone # : 317-630-9060 Fax # : 317-630-9065

Proj. Manager : Sarah Webb

Proj. Name/Number : Michigan Plaza M01046

Sampler's signature :

Cooler Temp.

Results to :

Invoice to :

Sample ID	Sample Description	Sample Type Water	Vapor	Solid	Date	Time	# Bottles	Chlorinated Hydrocarbons									Remarks :
B-2	Vapor/Air		✓		5/6/10	11:15A	2										
B-3	Vapor/Air		✓		5/6/10	11:35A	2										

Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
	Mundell	5/6/10	2:40p		M	5/10/10	1000
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :

WHITE COPY : Accompany Samples YELLOW COPY : Laboratory File PINK COPY : Submitter

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Page: Page 1 of 2
Lab Proj #: P1005362
Report Date: 05/27/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Laboratory Results

Total pages in data package: 3

Lab Sample #	Client Sample ID
P1005362-01	B-6

Microseeps test results meet all the requirements of the NELAC standards or provide reasons and/or justification if they do not.

Approved By: Debbie Hallo (HH) ***Date:*** 5-27-10

Project Manager: Debbie Hallo

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative:

Client Name: Mundell & Associates
Contact: Sarah Webb
Address: 110 South Downey Avenue
Indianapolis, IN 46219

Lab Proj #: P1005362
Report Date: 05/27/10
Client Proj Name: Michigan Plaza
Client Proj #: M01046

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
B-6	Vapor	P1005362-01	12 May. 10 11:00	21 May. 10 14:54

Analyte(s)	Flag	Result	PQL	MDL	Units	Method #	Analysis Date	By
RiskAnalysis								
N 1,1,1-Trichloroethane	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/25/10	mm
N 1,1-Dichloroethane	U	< 0.0200	0.0200	0.0057	PPMV	AM4.02	5/25/10	mm
N 1,1-Dichloroethene	U	< 0.0100	0.0100	0.0011	PPMV	AM4.02	5/25/10	mm
N Carbon Tetrachloride	U	< 0.0050	0.0050	0.0004	PPMV	AM4.02	5/25/10	mm
N Chloroform	U	< 0.0050	0.0050	0.0005	PPMV	AM4.02	5/25/10	mm
N cis-1,2-Dichloroethene	U	< 0.0200	0.0200	0.0065	PPMV	AM4.02	5/25/10	mm
N Methylene Chloride	U	< 2.0000	2.0000	0.1500	PPMV	AM4.02	5/25/10	mm
N Tetrachloroethene		0.1300	0.0100	0.0006	PPMV	AM4.02	5/25/10	mm
N trans-1,2-Dichloroethene	U	< 0.0100	0.0100	0.0039	PPMV	AM4.02	5/25/10	mm
N Trichloroethene	J	0.0017	0.0100	0.0008	PPMV	AM4.02	5/25/10	mm
N Vinyl Chloride	U	< 1.0000	1.0000	0.0400	PPMV	AM4.02	5/25/10	mm

Data Qualifiers: J - estimated value, U - Non detect, R - Poor surrogate recovery, M - Recovery/RPD poor for MS/MSD, SAMP/DUP, B - detected in blank, S - field sample as received did not meet NELAC sample acceptance criteria, L - Subcontracted Lab used, N - NELAC certified analysis

Microseeps Lab. Proj. # P100S102

CHAIN - OF - CUSTODY RECORD

Microseeps COC cont. # 1209 c

Phone: (412) 826-5245 | Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238 | Fax No. : (412) 826-3433

Company : Mundell & Associates

Co. Address : 110 S Downey Indpls, IN 46219

Phone # : 317-630-9000 Fax # : 317-630-9065

Proj. Manager : Sarah Webb

Proj. Name/Number : MI Plaza / M01046

Sampler's signature :

Cooler Temp.

Results to : Sarah Webb

Invoice to : Merle Tebbe

Sample ID	Sample Description	Sample Type Water	Vapor	Solid	Date	Time	# Bottles	Chlorinated Hydrocarbons										Remarks :
B-6	Vapor Air		X		5/12/10	11:00A	2	X										

Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
[illegible]	Mundell + Associates	5/20/10	2:50p	[illegible]	[illegible]	5/21	1120
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :

WHITE COPY : Accompany Samples YELLOW COPY : Laboratory File PINK COPY : Submitter

APPENDIX B

Air Mitigation Systems:
Pounds of Contaminants Removed

Air Mitigation System - Historical Air Analytical Results

Michigan Plaza

Indianapolis, Indiana

MUNDELL Project No.: M01046

Sample Date	Perchloroethylene (PCE)											
	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4
	(ppmv)				(ppm)				($\mu g/m^3$)			
9/21/2006	0.6300	0.7900	0.6700	0.2800	0.0043	0.0054	0.0046	0.0019	4281.48	5368.84	4553.32	1902.88
10/6/2006	0.8800	0.6700	0.9700	0.3100	0.0060	0.0046	0.0066	0.0021	5980.48	4553.32	6592.12	2106.76
10/13/2006	0.6800	0.3600	0.5200	0.2100	0.0046	0.0024	0.0035	0.0014	4621.28	2446.56	3533.92	1427.16
10/20/2006	0.8700	0.5500	0.8900	0.2200	0.0059	0.0037	0.0060	0.0015	5912.52	3737.80	6048.44	1495.12
11/17/2006	0.8100	0.4700	0.7800	0.1500	0.0055	0.0032	0.0053	0.0010	5504.76	3194.12	5300.88	1019.40
12/27/2006	0.7400	0.4700	0.7500	0.1100	0.0050	0.0032	0.0051	0.0007	5029.04	3194.12	5097.00	747.56
3/30/2007	0.5100	0.1800	0.5700	0.0310	0.0035	0.0012	0.0039	0.0002	3465.96	1223.28	3873.72	210.68
6/15/2007	*0.0050*	0.3100	0.2100	0.4600	0.0000	0.0021	0.0014	0.0031	33.98	2106.76	1427.16	3126.16
10/16/2007	0.3900	0.2400	0.2800	0.0670	0.0027	0.0016	0.0019	0.0005	2650.44	1631.04	1902.88	455.33
12/14/2007	0.5800	0.3400	0.5200	0.1400	0.0039	0.0023	0.0035	0.0010	3941.68	2310.64	3533.92	951.44
3/27/2008	0.5500	NS	0.5600	0.0740	0.0037	NS	0.0038	0.0005	3737.80	NS	3805.76	502.90
4/1/2008	NS	0.3600	NS	NS	NS	0.0024	NS	NS	NS	2446.56	NS	NS
6/2/2008	0.7200	0.5600	0.4900	0.1000	0.0049	0.0038	0.0033	0.0007	4893.12	3805.76	3330.04	679.60
9/12/2008	0.4800	0.4700	0.5300	0.1300	0.0033	0.0032	0.0036	0.0009	3262.08	3194.12	3601.88	883.48
11/26/2008	0.4600	NS	0.3600	0.1100	0.0031	NS	0.0024	0.0007	3126.16	NS	2446.56	747.56
3/24/2009	0.4500	NS	0.5500	*0.0050*	0.0031	NS	0.0037	*0.0000*	3058.20	NS	3737.80	*33.98*
6/15/2009	0.4300	NS	0.4200	0.0200	0.0029	NS	0.0029	0.0001	2922.28	NS	2854.32	135.92
8/21/2009	0.3600	0.1600	0.4700	0.0140	0.0024	0.0011	0.0032	0.0001	2446.56	1087.36	3194.12	95.14
11/5/2009	0.3300	0.1400	0.4100	*0.0050*	0.0022	0.0010	0.0028	*0.0000*	2242.68	951.44	2786.36	*33.98*
2/5/2010	0.1600	0.0370	0.1400	0.0120	0.0011	0.0003	0.0010	0.0001	1087.36	251.45	951.44	81.55
4/23/2010	0.1300	0.1500	0.2500	0.0170	0.0009	0.0010	0.0017	0.0001	883.48	1019.40	1699.00	115.53

NS = Not sampled

Italic = Reported values are below laboratory detection limits.
Concentrations of PCE, TCE, and cis-1,2-Dichloroethylene assumed at 1/2 reported detection limit. Concentrations of vinyl chloride assumed at 0.15ppmv, the mean detected concentration below reporting limits.

Air Mitigation - Historical Air Analytical Results

Michigan Plaza

Indianapolis, Indiana

MUNDELL Project No.: M01046

Sample Date	Trichloroethylene (TCE)											
	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4
	(ppmv)				(ppm)				($\mu g/m^3$)			
9/21/2006	0.0240	0.0120	*0.0050*	*0.0050*	0.0001	0.0001	*0.0000*	*0.0000*	129.24	64.62	*26.93*	*26.93*
10/6/2006	0.0120	*0.0050*	*0.0050*	*0.0050*	0.0001	*0.0000*	*0.0000*	*0.0000*	64.62	*26.93*	*26.93*	*26.93*
10/13/2006	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
10/20/2006	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
11/17/2006	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
12/27/2006	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
3/30/2007	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
6/15/2007	0.4600	*0.0050*	*0.0050*	*0.0050*	0.0025	*0.0000*	*0.0000*	*0.0000*	2,477.10	*26.93*	*26.93*	*26.93*
10/16/2007	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
12/14/2007	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
3/27/2008	*0.0050*	NS	*0.0050*	*0.0050*	*0.0000*	NS	*0.0000*	*0.0000*	*26.93*	NS	*26.93*	*26.93*
4/1/2008	NS	*0.0050*	NS	NS	NS	*0.0000*	NS	NS	NS	*26.93*	NS	NS
6/2/2008	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
9/12/2008	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
11/26/2008	*0.0050*	NS	*0.0050*	*0.0050*	*0.0000*	NS	*0.0000*	*0.0000*	*26.93*	NS	*26.93*	*26.93*
3/24/2009	*0.0050*	NS	*0.0050*	*0.0050*	*0.0000*	NS	*0.0000*	*0.0000*	*26.93*	NS	*26.93*	*26.93*
6/15/2009	*0.0050*	NS	*0.0050*	*0.0050*	*0.0000*	NS	*0.0000*	*0.0000*	*26.93*	NS	*26.93*	*26.93*
8/21/2009	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
11/5/2009	*0.0050*	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*	*26.93*
2/5/2010	*0.0014*	*0.0050*	*0.0012*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*7.54*	*26.93*	*6.46*	*26.93*
4/23/2010	*0.0016*	*0.0021*	*0.0020*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*8.62*	*11.31*	*10.77*	*26.93*

NS = Not sampled

Italic = Reported values are below laboratory detection limits.

Concentrations of PCE, TCE, and cis-1,2-Dichloroethylene assumed at 1/2 reported detection limit. Concentrations of vinyl chloride assumed at 0.15ppmv, the mean detected concentration below reporting limits.

Air Mitigation - Historical Air Analytical Results

Michigan Plaza

Indianapolis, Indiana

MUNDELL Project No.: M01046

Sample Date	Vinyl Chloride											
	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4
	(ppmv)				(ppm)				($\mu g/m^3$)			
9/21/2006	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
10/6/2006	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
10/13/2006	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
10/20/2006	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
11/17/2006	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
12/27/2006	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
3/30/2007	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
6/15/2007	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
10/16/2007	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
12/14/2007	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
3/27/2008	*0.0150*	NS	*0.0150*	*0.0150*	*0.0000*	NS	*0.0000*	*0.0000*	*38.42*	NS	*38.42*	*38.42*
4/1/2008	NS	*0.0150*	NS	NS	NS	*0.0000*	NS	NS	NS	*38.42*	NS	NS
6/2/2008	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
9/12/2008	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
11/26/2008	*0.0150*	NS	*0.0150*	*0.0150*	*0.0000*	NS	*0.0000*	*0.0000*	*38.42*	NS	*38.42*	*38.42*
3/24/2009	*0.0150*	NS	*0.0150*	*0.0150*	*0.0000*	NS	*0.0000*	*0.0000*	*38.42*	NS	*38.42*	*38.42*
6/15/2009	*0.0150*	NS	*0.0150*	*0.0150*	*0.0000*	NS	*0.0000*	*0.0000*	*38.42*	NS	*38.42*	*38.42*
8/21/2009	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
11/5/2009	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
2/5/2010	*0.0150*	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*	*38.42*
4/23/2010	*0.0150*	*0.0420*	*0.0150*	*0.0150*	*0.0000*	*0.0001*	*0.0000*	*0.0000*	*38.42*	*107.56*	*38.42*	*38.42*

NS = Not sampled

Italic = Reported values are below laboratory detection limits.
Concentrations of PCE, TCE, and cis-1,2-Dichloroethylene assumed at 1/2 reported detection limit. Concentrations of vinyl chloride assumed at 0.15ppmv, the mean detected concentration below reporting limits.

Air Mitigation - Historical Air Analytical Results

Michigan Plaza

Indianapolis, Indiana

MUNDELL Project No.: M01046

Sample Date	cis-1,2-Dichloroethylene											
	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4
	(ppmv)				(ppm)				($\mu g/m^3$)			
9/21/2006	0.1400	*0.0100*	*0.0100*	*0.0100*	0.0006	*0.0000*	*0.0000*	*0.0000*	556.22	*39.73*	*39.73*	*39.73*
10/6/2006	0.0300	*0.0100*	*0.0100*	*0.0100*	0.0001	*0.0000*	*0.0000*	*0.0000*	119.19	*39.73*	*39.73*	*39.73*
10/13/2006	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
10/20/2006	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
11/17/2006	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
12/27/2006	0.0240	*0.0100*	*0.0100*	*0.0100*	*0.0001*	*0.0000*	*0.0000*	*0.0000*	*95.35*	*39.73*	*39.73*	*39.73*
3/30/2007	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
6/15/2007	0.2100	*0.0100*	*0.0100*	*0.0100*	*0.0008*	*0.0000*	*0.0000*	*0.0000*	*834.33*	*39.73*	*39.73*	*39.73*
10/16/2007	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
12/14/2007	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
3/27/2008	0.0340	NS	*0.0100*	*0.0100*	*0.0001*	NS	*0.0000*	*0.0000*	*135.08*	NS	*39.73*	*39.73*
4/1/2008	NS	*0.0100*	NS	NS	NS	*0.0000*	NS	NS	NS	*39.73*	NS	NS
6/2/2008	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
9/12/2008	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
11/26/2008	*0.0100*	NS	*0.0100*	*0.0100*	*0.0000*	NS	*0.0000*	*0.0000*	*39.73*	NS	*39.73*	*39.73*
3/24/2009	*0.0100*	NS	*0.0100*	*0.0100*	*0.0000*	NS	*0.0000*	*0.0000*	*39.73*	NS	*39.73*	*39.73*
6/15/2009	*0.0100*	NS	*0.0100*	*0.0100*	*0.0000*	NS	*0.0000*	*0.0000*	*39.73*	NS	*39.73*	*39.73*
8/21/2009	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
11/5/2009	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
2/5/2010	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*
4/23/2010	*0.0100*	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*	*39.73*

NS = Not sampled

Italic = Reported values are below laboratory detection limits.
Concentrations of PCE, TCE, and cis-1,2-Dichloroethylene assumed at 1/2 reported detection limit. Concentrations of vinyl chloride assumed at 0.15ppmv, the mean detected concentration below reporting limits.

Air Mitigation System - Historical Air Analytical Results

Michigan Meadows Apartments

Indianapolis, Indiana

MUNDELL Project No.: M01046

Sample Date	Perchloroethylene (PCE)								
	B-5	B-6	B-7	B-5	B-6	B-7	B-5	B-6	B-7
	(ppmv)			(ppm)			($\mu g/m^3$)		
3/27/2008	0.1300	1.2000	NS	0.0009	0.0082	NS	883.48	8155.20	NS
3/28/2008	0.0730	0.4900	NS	0.0005	0.0033	NS	496.11	3330.04	NS
4/7/2008	NS	NS	0.0760	NS	NS	0.0005	NS	NS	516.50
4/8/2008	NS	NS	0.0470	NS	NS	0.0003	NS	NS	319.41
4/24/2008	0.0540	0.1100	0.0220	0.0004	0.0007	0.0001	366.98	747.56	149.51
5/1/2008	0.0580	0.2100	0.0390	0.0004	0.0014	0.0003	394.17	1427.16	265.04
6/2/2008	0.0590	0.2200	0.0530	0.0004	0.0015	0.0004	400.96	1495.12	360.19
7/10/2008	0.0650	NS	0.0540	0.0004	NS	0.0004	441.74	NS	366.98
8/20/2008	NS	0.2700	NS	NS	0.0018	NS	NS	1834.92	NS
9/12/2008	0.0690	0.1800	0.0540	0.0005	0.0012	0.0004	468.92	1223.28	366.98
11/26/2008	0.0720	0.1100	0.0560	0.0005	0.0007	0.0004	489.31	747.56	380.58
3/24/2009	0.2100	0.1300	0.0590	0.0014	0.0009	0.0004	1427.16	883.48	400.96
6/15/2009	0.0580	0.0840	*0.0050*	0.0004	0.0006	0.0000	394.17	570.86	*33.98*
8/21/2009	0.0630	0.0710	*0.0050*	0.0004	0.0005	0.0000	428.15	482.52	*33.98*
11/5/2009	0.1300	0.1100	*0.0050*	0.0009	0.0007	0.0000	883.48	747.56	*33.98*
2/5/2010	0.0220	0.0800	*0.0022*	0.0001	0.0005	0.0000	149.51	543.68	*14.95*
2/6/2010	0.0220	0.0800	*0.0022*	0.0001	0.0005	0.0000	149.51	543.68	*14.95*
4/23/2010	0.0120	0.1300	*0.0050*	0.0001	0.0009	*0.0000*	81.55	883.48	*33.98*

NS = Not sampled

Italic = Reported values are below laboratory detection limits.
Concentrations of PCE, TCE, and cis-1,2-Dichloroethylene assumed at 1/2 reported detection limit. Concentrations of vinyl chloride assumed at 0.15ppmv, the mean detected concentration below reporting limits.

Air Mitigation - Historical Air Analytical Results

Michigan Meadows Apartments

Indianapolis, Indiana

MUNDELL Project No.: M01046

Sample Date	Trichloroethylene (TCE)								
	B-5	B-6	B-7	B-5	B-6	B-7	B-5	B-6	B-7
	(ppmv)			(ppm)			($\mu g/m^3$)		
3/27/2008	*0.0050*	*0.0050*	NS	*0.0000*	*0.0000*	NS	*26.93*	*26.93*	NS
3/28/2008	*0.0050*	*0.0050*	NS	*0.0000*	*0.0000*	NS	*26.93*	*26.93*	NS
4/7/2008	NS	NS	*0.0050*	NS	NS	*0.0000*	NS	NS	*26.93*
4/8/2008	NS	NS	*0.0050*	NS	NS	*0.0000*	NS	NS	*26.93*
4/24/2008	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*
5/1/2008	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*
6/2/2008	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*
7/10/2008	*0.0050*	NS	*0.0050*	*0.0000*	NS	*0.0000*	*26.93*	NS	*26.93*
8/20/2008	NS	*0.0050*	NS	NS	*0.0000*	NS	NS	*26.93*	NS
9/12/2008	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*
11/26/2008	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*
3/24/2009	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*
6/15/2009	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*
8/21/2009	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*
11/5/2009	*0.0050*	*0.0050*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*26.93*	*26.93*	*26.93*
2/5/2010	*0.0016*	*0.0011*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*8.62*	*5.92*	*26.93*
2/6/2010	*0.0016*	*0.0011*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*8.62*	*5.92*	*26.93*
4/23/2010	*0.0010*	*0.0017*	*0.0050*	*0.0000*	*0.0000*	*0.0000*	*5.39*	*9.15*	*26.93*

NS = Not sampled

Italic = Reported values are below laboratory detection limits.

Concentrations of PCE, TCE, and cis-1,2-Dichloroethylene assumed at 1/2 reported detection limit. Concentrations of vinyl chloride assumed at 0.15ppmv, the mean detected concentration below reporting limits.

Air Mitigation - Historical Air Analytical Results

Michigan Meadows Apartments

Indianapolis, Indiana

MUNDELL Project No.: M01046

Sample Date	Vinyl Chloride								
	B-5	B-6	B-7	B-5	B-6	B-7	B-5	B-6	B-7
	(ppmv)			(ppm)			($\mu g/m^3$)		
3/27/2008	*0.0150*	*0.0150*	NS	*0.0000*	*0.0000*	NS	*38.42*	*38.42*	NS
3/28/2008	*0.0150*	*0.0150*	NS	*0.0000*	*0.0000*	NS	*38.42*	*38.42*	NS
4/7/2008	NS	NS	*0.0150*	NS	NS	*0.0000*	NS	NS	*38.42*
4/8/2008	NS	NS	*0.0150*	NS	NS	*0.0000*	NS	NS	*38.42*
4/24/2008	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
5/1/2008	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
6/2/2008	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
7/10/2008	*0.0150*	NS	*0.0150*	*0.0000*	NS	*0.0000*	*38.42*	NS	38.42
8/20/2008	NS	*0.0150*	NS	NS	*0.0000*	NS	NS	*38.42*	NS
9/12/2008	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
11/26/2008	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
3/24/2009	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
6/15/2009	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
8/21/2009	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
11/5/2009	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
2/5/2010	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
2/6/2010	*0.0150*	*0.0150*	*0.0150*	*0.0000*	*0.0000*	*0.0000*	*38.42*	*38.42*	*38.42*
4/23/2010	*0.0150*	*0.0150*	0.0770	*0.0000*	*0.0000*	*0.0002*	*38.42*	*38.42*	*197.20*

NS = Not sampled

Italic = Reported values are below laboratory detection limits.

Concentrations of PCE, TCE, and cis-1,2-Dichloroethylene assumed at 1/2 reported detection limit. Concentrations of vinyl chloride assumed at 0.15ppmv, the mean detected concentration below reporting limits.

Air Mitigation - Historical Air Analytical Results

Michigan Meadows Apartments

Indianapolis, Indiana

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Sample Date	cis-1,2-Dichloroethylene								
	B-5	B-6	B-7	B-5	B-6	B-7	B-5	B-6	B-7
	(ppmv)			(ppm)			($\mu g/m^3$)		
3/27/2008	*0.0100*	*0.0100*	NS	*0.0000*	*0.0000*	NS	*39.73*	*39.73*	NS
3/28/2008	*0.0100*	*0.0100*	NS	*0.0000*	*0.0000*	NS	*39.73*	*39.73*	NS
4/7/2008	NS	NS	*0.0100*	NS	NS	*0.0000*	NS	NS	*39.73*
4/8/2008	NS	NS	*0.0100*	NS	NS	*0.0000*	NS	NS	*39.73*
4/24/2008	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
5/1/2008	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
6/2/2008	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
7/10/2008	*0.0100*	NS	*0.0100*	*0.0000*	NS	*0.0000*	*39.73*	NS	*39.73*
8/20/2008	NS	*0.0100*	NS	NS	*0.0000*	NS	NS	39.73	NS
9/12/2008	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
11/26/2008	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
3/24/2009	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
6/15/2009	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
8/21/2009	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
11/5/2009	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
2/5/2010	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
2/6/2010	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*
4/23/2010	*0.0100*	*0.0100*	*0.0100*	*0.0000*	*0.0000*	*0.0000*	*39.73*	*39.73*	*39.73*

NS = Not sampled

Italic = Reported values are below laboratory detection limits.

Concentrations of PCE, TCE, and cis-1,2-Dichloroethylene assumed at 1/2 reported detection limit. Concentrations of vinyl chloride assumed at 0.15ppmv, the mean detected concentration below reporting limits.

Lab Data for Air Mitigation System B-1
Second Quarter 2010
4/23/2010
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

B-1 (Lab Data)

Sample Date	Hours per Cycle	Average Flow Rate (CFM)	Air Vol. Removed per Cycle (CF)	µg/m3 PCE	Lbs. PCE removed	µg/m3 TCE	Lbs. TCE removed	µg/m3 VC	Lbs. VC removed	µg/m3 cis-1,2-DCE	Lbs. cis-1,2-DCE removed	Lbs. Total Pollutants Removed (ug/m3)	Cumulative PCE lbs Removed	Cumulative Total Pollutant lbs Removed
9/21/2006	0.5	73	2,190	4,281	0.00	129	0.00	38	0.00	556	0.00	0.00	0.00	0.00
10/6/2006	360	73	1,576,800	5,980	0.59	65	0.01	38	0.00	119	0.01	0.61	0.59	0.61
10/13/2006	168	73	735,840	4,621	0.21	27	0.00	38	0.00	40	0.00	0.22	0.80	0.83
10/20/2006	168	73	735,840	5,913	0.27	27	0.00	38	0.00	40	0.00	0.28	1.07	1.10
11/17/2006	672	73	2,943,360	5,505	1.01	27	0.00	38	0.01	40	0.01	1.03	2.08	2.13
12/27/2006	960	73	4,204,800	5,029	1.32	27	0.01	38	0.01	95	0.03	1.36	3.40	3.50
3/30/2007	2,232	73	9,776,160	3,466	2.11	27	0.02	38	0.02	40	0.02	2.18	5.52	5.67
6/15/2007	1,848	73	8,094,240	34	0.02	2,477	1.25	38	0.02	834	0.42	1.71	5.53	7.38
10/16/2007	2,952	73	12,929,760	2,650	2.14	27	0.02	38	0.03	40	0.03	2.22	7.67	9.60
12/14/2007	1,416	73	6,202,080	3,942	1.52	27	0.01	38	0.01	40	0.02	1.57	9.20	11.17
3/27/2008	2,496	73	10,932,480	3,738	2.55	27	0.02	38	0.03	135	0.09	2.69	11.74	13.86
6/2/2008	1,608	73	7,043,040	4,893	2.15	27	0.01	38	0.02	40	0.02	2.20	13.89	16.05
9/12/2008	2,448	73	10,722,240	3,262	2.18	27	0.02	38	0.03	40	0.03	2.25	16.08	18.30
11/26/2008	1,800	73	7,884,000	3,126	1.54	27	0.01	38	0.02	40	0.02	1.59	17.61	19.89
3/24/2009	2,832	73	12,404,160	3,058	2.37	27	0.02	38	0.03	40	0.03	2.45	19.98	22.34
6/15/2009	1,992	73	8,724,960	2,922	1.59	27	0.01	38	0.02	40	0.02	1.65	21.57	23.99
8/21/2009	1,608	73	7,043,040	2,447	1.07	27	0.01	38	0.02	40	0.02	1.12	22.65	25.11
11/5/2009	1,824	73	7,989,120	2,243	1.12	27	0.01	38	0.02	40	0.02	1.17	23.76	26.28
2/5/2010	2,208	73	9,671,040	1,087	0.66	8	0.00	38	0.02	40	0.02	0.71	24.42	26.99
4/23/2010	1,848	55	6,098,400	883	0.34	9	0.00	38	0.01	40	0.02	0.37	24.75	27.36
TOTALS:	**31,441**		**135,713,550**		**24.75**		**1.45**		**0.33**		**0.83**	**27.36**		

B-1 (PID Readings)

Sample Date	Hours Per Cycle	Average Flow Rate (CFM)	Air Vol. Removed per Cycle (CF)	PID Reading (ppm VOCs)	µg/m3 VOCs	Lbs. VOCs Removed	Cum Total lbs Removed (Est from PID)
9/21/2006	0.5	73	2,190	4.9	10,439	0.00	0.00
9/28/2006	168	73	735,840	1.9	4,841	0.22	0.22
10/6/2006	192	73	840,960	1.0	3,162	0.17	0.39
10/13/2006	168	73	735,840	0.6	2,322	0.11	0.50
10/20/2006	168	73	735,840	0.3	1,902	0.09	0.58
11/17/2006	672	73	2,943,360	0.1	1,483	0.27	0.86
12/27/2006	960	73	4,204,800	0.0	1,296	0.34	1.20
6/15/2007	4,080	73	17,870,400	0.1	1,483	1.65	2.85
10/16/2007	2,952	73	12,929,760	0.1	1,483	1.20	4.04
12/14/2007	1,416	73	6,202,080	0.1	1,483	0.57	4.62
3/27/2008	2,496	73	10,932,480	1.7	4,468	3.05	7.66
6/2/2008	1,608	73	7,043,040	2.2	5,401	2.37	10.04
9/12/2008	2,448	73	10,722,240	0.3	1,856	1.24	11.28
11/26/2008	1,800	73	7,884,000	0.1	1,483	0.73	12.01
3/24/2009	2,832	73	12,404,160	0.2	1,669	1.29	13.30
6/15/2009	1,992	73	8,724,960	0.2	1,669	0.91	14.21
8/21/2009	1,608	73	7,043,040	0.2	1,669	0.73	14.94
11/5/2009	1,824	73	7,989,120	0.2	1,669	0.83	15.77
2/5/2010	2,208	73	9,671,040	2.3	5,588	3.37	19.14
5/6/2010	2,160	55	7,128,000	2.2	5,401	2.40	21.55
TOTALS:	**31,753**		**136,743,150**			**21.55**	

Lab Data for Air Mitigation System B-2
Second Quarter 2010
4/23/2010
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

B-2 (Lab Data)

Sample Date	Hours per Cycle	Average Flow Rate (CFM)	Air Vol. Removed per Cycle (CF)	µg/m3 PCE	Lbs. PCE removed	µg/m3 TCE	Lbs. TCE removed	µg/m3 VC	Lbs. VC removed	µg/m3 cis-1,2-DCE	Lbs. cis-1,2-DCE removed	Lbs. Total Pollutants Removed	Cumulative PCE lbs Removed	Cumulative Total Pollutant lbs Removed
9/21/2006	0.5	37	1,110	5,369	0.00	65	0.00	38	0.00	40	0.00	0.00	0.00	0.00
10/6/2006	360	37	799,200	4,553	0.23	27	0.00	38	0.00	40	0.00	0.23	0.23	0.23
10/13/2006	168	37	372,960	2,447	0.06	27	0.00	38	0.00	40	0.00	0.06	0.28	0.29
10/20/2006	168	37	372,960	3,738	0.09	27	0.00	38	0.00	40	0.00	0.09	0.37	0.38
11/17/2006	672	37	1,491,840	3,194	0.30	27	0.00	38	0.00	40	0.00	0.31	0.67	0.69
12/27/2006	960	37	2,131,200	3,194	0.42	27	0.00	38	0.01	40	0.01	0.44	1.09	1.13
3/30/2007	2,232	38	5,088,960	1,223	0.39	27	0.01	38	0.01	40	0.01	0.42	1.48	1.55
6/15/2007	1,848	42	4,656,960	2,107	0.61	27	0.01	38	0.01	40	0.01	0.64	2.09	2.19
10/16/2007	2,952	48	8,501,760	1,631	0.86	27	0.01	38	0.02	40	0.02	0.92	2.96	3.11
12/14/2007	1,416	53	4,502,880	2,311	0.65	27	0.01	38	0.01	40	0.01	0.68	3.61	3.79
4/1/2008	2,616	50	7,848,000	2,447	1.20	27	0.01	38	0.02	40	0.02	1.25	4.81	5.04
6/2/2008	1,488	42	3,705,120	3,806	0.88	27	0.01	38	0.01	40	0.01	0.90	5.68	5.94
9/12/2008	2,448	37	5,434,560	3,194	1.08	27	0.01	38	0.01	40	0.01	1.12	6.77	7.06
8/21/2009	1,440	37	3,196,800	1,087	0.22	27	0.01	38	0.01	40	0.01	0.24	6.98	7.30
11/5/2009	1,824	37	4,049,280	951	0.24	27	0.01	38	0.01	40	0.01	0.27	7.22	7.57
2/5/2010	2,208	37	4,901,760	251	0.08	27	0.01	38	0.01	40	0.01	0.11	7.30	7.68
4/23/2010	1,848	37	4,102,560	1,019	0.26	11	0.00	108	0.03	40	0.01	0.30	7.56	7.98
TOTALS:	**24,649**		**61,157,910**		**7.56**		**0.10**		**0.16**		**0.15**	**7.98**		

B-2 (PID Readings)

Sample Date	Hours Per Cycle	Average Flow Rate (CFM)	Air Vol. Removed per Cycle (CF)	PID Reading (ppm VOCs)	µg/m3 VOCs	Lbs. VOCs Removed	Cum Total lbs Removed (Est from PID)
9/21/2006	0.5	37	1,110	2.0	5,028	0.00	0.00
9/28/2006	168	37	372,960	2.0	5,028	0.12	0.12
10/6/2006	192	37	426,240	1.1	3,255	0.09	0.20
10/13/2006	168	37	372,960	0.6	2,369	0.06	0.26
10/20/2006	168	37	372,960	0.3	1,926	0.04	0.30
11/17/2006	672	37	1,491,840	0.1	1,483	0.14	0.44
12/27/2006	960	37	2,131,200	0.1	1,483	0.20	0.64
6/15/2007	4,080	41	10,036,800	0.1	1,483	0.93	1.57
10/16/2007	2,952	48	8,501,760	0.1	1,483	0.79	2.35
12/14/2007	1,416	53	4,502,880	0.1	1,483	0.42	2.77
6/2/2008	4,104	46.5	11,450,160	1.5	4,095	2.92	5.69
9/12/2008	2,448	37	5,434,560	0.5	2,229	0.76	6.45
11/5/2009	1,440	37	3,196,800	0.1	1,483	0.30	6.75
2/5/2010	2,208	37	4,901,760	0.6	2,416	0.74	7.48
5/6/2010	2,160	37	4,795,200	1.4	3,908	1.17	8.65
TOTALS:	**23,137**		**57,989,190**			**8.65**	

Lab Data for Air Mitigation System B-3
Second Quarter 2010
4/23/2010
Michigan Plaza
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B-3 (Lab Data)

Sample Date	Hours per Cycle	Average Flow Rate	Air Vol. Removed per	µg/m3 PCE	Lbs. PCE removed	µg/m3 TCE	Lbs. TCE removed	µg/m3 VC	Lbs. VC removed	µg/m3 cis-1,2-DCE	Lbs. cis-1,2-DCE	Lbs. Total Pollutants	Cumulative PCE lbs	Cumulative Total Pollutant
9/21/2006	0.5	132	3,960	4,553	0.00	27	0.00	38	0.00	40	0.00	0.00	0.00	0.00
10/6/2006	360	132	2,851,200	6,592	1.17	27	0.00	38	0.01	40	0.01	1.19	1.17	1.19
10/13/2006	168	132	1,330,560	3,534	0.29	27	0.00	38	0.00	40	0.00	0.30	1.47	1.49
10/20/2006	168	132	1,330,560	6,048	0.50	27	0.00	38	0.00	40	0.00	0.51	1.97	2.01
11/17/2006	672	132	5,322,240	5,301	1.76	27	0.01	38	0.01	40	0.01	1.79	3.73	3.80
12/27/2006	960	132	7,603,200	5,097	2.42	27	0.01	38	0.02	40	0.02	2.47	6.15	6.27
3/30/2007	2,232	132	17,677,440	3,874	4.27	27	0.03	38	0.04	40	0.04	4.39	10.42	10.65
6/15/2007	1,848	132	14,636,160	1,427	1.30	27	0.02	38	0.04	40	0.04	1.40	11.72	12.05
10/16/2007	2,952	132	23,379,840	1,903	2.78	27	0.04	38	0.06	40	0.06	2.93	14.50	14.98
12/14/2007	1,416	132	11,214,720	3,534	2.47	27	0.02	38	0.03	40	0.03	2.55	16.97	17.53
3/27/2008	2,496	132	19,768,320	3,806	4.69	27	0.03	38	0.05	40	0.05	4.82	21.66	22.35
6/2/2008	1,608	132	12,735,360	3,330	2.65	27	0.02	38	0.03	40	0.03	2.73	24.31	25.08
9/12/2008	2,448	132	19,388,160	3,602	4.36	27	0.03	38	0.05	40	0.05	4.48	28.66	29.56
11/26/2008	1,800	132	14,256,000	2,447	2.18	27	0.02	38	0.03	40	0.04	2.27	30.84	31.83
3/24/2009	2,832	132	22,429,440	3,738	5.23	27	0.04	38	0.05	40	0.06	5.38	36.07	37.21
6/15/2009	1,992	132	15,776,640	2,854	2.81	27	0.03	38	0.04	40	0.04	2.91	38.88	40.12
8/21/2009	1,608	132	12,735,360	3,194	2.54	27	0.02	38	0.03	40	0.03	2.62	41.41	42.74
11/5/2009	1,824	132	14,446,080	2,786	2.51	27	0.02	38	0.03	40	0.04	2.61	43.93	45.35
2/5/2010	2,208	132	17,487,360	951.44	1.04	6.46	0.01	38	0.04	40	0.04	1.13	44.96	46.48
4/23/2010	1,848	132	14,636,160	1,699	1.55	11	0.01	38	0.04	40	0.04	1.63	46.51	48.11
TOTALS:	**31,441**		**249,008,760**		**46.51**		**0.38**		**0.60**		**0.62**	**48.11**		

B-3 (PID Readings)

Sample Date	Hours Per Cycle	Average Flow Rate (CFM)	Air Vol. Removed per Cycle (CF)	PID Reading (ppm VOCs)	µg/m3 VOCs	Lbs. VOCs Removed	Cum Total lbs Removed
9/21/2006	0.5	132	3,960	1.8	4,655	0.00	0.00
9/28/2006	168	132	1,330,560	2.2	5,401	0.45	0.45
10/6/2006	192	132	1,520,640	2.1	5,215	0.49	0.94
10/13/2006	168	132	1,330,560	2.1	5,121	0.43	1.37
10/20/2006	168	132	1,330,560	2.0	5,075	0.42	1.79
11/17/2006	672	132	5,322,240	2.0	5,028	1.67	3.46
12/27/2006	960	132	7,603,200	0.1	1,483	0.70	4.16
6/15/2007	4,080	132	32,313,600	0.1	1,483	2.99	7.15
10/16/2007	2,952	132	23,379,840	0.1	1,483	2.16	9.31
12/14/2007	1,416	132	11,214,720	0.1	1,483	1.04	10.35
3/27/2008	2,496	132	19,768,320	1.3	3,722	4.59	14.94
6/2/2008	1,608	132	12,735,360	1.2	3,535	2.81	17.75
9/12/2008	2,448	132	19,388,160	0.5	2,229	2.70	20.44
11/26/2008	1,800	132	14,256,000	0.4	2,042	1.82	22.26
3/24/2009	2,832	132	22,429,440	0.6	2,416	3.38	25.64
6/15/2009	1,992	132	15,776,640	0.6	2,416	2.38	28.02
8/31/2009	1,848	132	14,636,160	0.6	2,416	2.21	30.22
11/5/2009	1,584	132	12,545,280	0.6	2,416	1.89	32.11
2/5/2010	2,208	132	17,487,360	1.5	4,095	4.47	36.58
5/6/2010	2,160	152	19,699,200	1.7	4,468	5.49	42.07
TOTALS:	**31,753**		**254,071,800**			**42.07**	

Lab Data for Air Mitigation System B-4
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Michigan Plaza
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Indianapolis, Indiana
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B-4 (Lab Data)

Sample Date	Hours per Cycle	Average Flow Rate	Air Vol. Removed per	µg/m3 PCE	Lbs. PCE removed	µg/m3 TCE	Lbs. TCE removed	µg/m3 VC	Lbs. VC removed	µg/m3 cis-1,2-DCE	Lbs. cis-1,2-DCE	Lbs. Total Pollutants	Cumulative PCE lbs	Cumulative Total Pollutant
9/21/2006	0.5	132	3,960	1,903	0.00	27	0.00	38	0.00	40	0.00	0.00	0.00	0.00
10/6/2006	360	132	2,851,200	2,107	0.37	27	0.00	38	0.01	40	0.01	0.39	0.38	0.39
10/13/2006	168	132	1,330,560	1,427	0.12	27	0.00	38	0.00	40	0.00	0.13	0.49	0.52
10/20/2006	168	132	1,330,560	1,495	0.12	27	0.00	38	0.00	40	0.00	0.13	0.62	0.65
11/17/2006	672	132	5,322,240	1,019	0.34	27	0.01	38	0.01	40	0.01	0.37	0.96	1.03
12/27/2006	960	132	7,603,200	748	0.35	27	0.01	38	0.02	40	0.02	0.40	1.31	1.43
3/30/2007	2,232	130	17,342,640	211	0.23	27	0.03	38	0.04	40	0.04	0.34	1.54	1.77
6/15/2007	1,848	125	13,887,720	3,126	2.71	27	0.02	38	0.03	40	0.03	2.80	4.25	4.57
10/16/2007	2,952	128	22,627,080	455	0.64	27	0.04	38	0.05	40	0.06	0.79	4.89	5.36
12/14/2007	1,416	132	11,214,720	951	0.67	27	0.02	38	0.03	40	0.03	0.74	5.56	6.10
3/27/2008	2,496	128	19,094,400	503	0.60	27	0.03	38	0.05	40	0.05	0.72	6.15	6.83
6/2/2008	1,608	119	11,481,120	680	0.49	27	0.02	38	0.03	40	0.03	0.56	6.64	7.39
9/12/2008	2,448	132	19,388,160	883	1.07	27	0.03	38	0.05	40	0.05	1.20	7.71	8.58
11/26/2008	1,800	132	14,256,000	748	0.66	27	0.02	38	0.03	40	0.04	0.76	8.37	9.34
3/24/2009	2,832	132	22,429,440	34	0.05	27	0.04	38	0.05	40	0.06	0.19	8.42	9.54
6/15/2009	1,992	132	15,776,640	136	0.13	27	0.03	38	0.04	40	0.04	0.24	8.56	9.77
8/21/2009	1,608	132	12,735,360	95	0.08	27	0.02	38	0.03	40	0.03	0.16	8.63	9.93
11/5/2009	1,824	132	14,446,080	34	0.03	27	0.02	38	0.03	40	0.04	0.13	8.66	10.06
2/5/2010	2,208	132	17,487,360	82	0.09	27	0.03	38	0.04	40	0.04	0.20	8.75	10.26
4/23/2010	1,848	132	14,636,160	116	0.11	27	0.02	38	0.04	40	0.04	0.20	8.86	10.46
TOTALS:	**31,441**		**245,244,600**		**8.86**		**0.41**		**0.59**		**0.61**	**10.46**		

B-4 (PID Readings)

Sample Date	Hours Per Cycle	Average Flow Rate (CFM)	Air Vol. Removed per Cycle (CF)	PID Reading (ppm VOCs)	µg/m3 VOCs	Lbs. VOCs Removed	Cum Total lbs Removed
9/21/2006	0.5	132	3,960	0.2	1,669	0.00	0.00
9/28/2006	168	132	1,330,560	0.4	2,042	0.17	0.17
10/6/2006	192	132	1,520,640	0.3	1,763	0.17	0.34
10/13/2006	168	132	1,330,560	0.2	1,623	0.13	0.47
10/20/2006	168	132	1,330,560	0.1	1,553	0.13	0.60
11/17/2006	672	132	5,322,240	0.1	1,483	0.49	1.09
12/27/2006	960	132	7,603,200	0.1	1,483	0.70	1.80
6/15/2007	4,080	127.75	31,273,200	0.1	1,483	2.89	4.69
10/16/2007	2,952	128	22,671,360	0.1	1,483	2.10	6.78
12/14/2007	1,416	132	11,214,720	0.1	1,483	1.04	7.82
3/29/2008	2,544	128	19,537,920	1.8	4,655	5.67	13.50
6/2/2008	1,560	119	11,138,400	0.3	1,856	1.29	14.78
9/12/2008	2,448	132	19,388,160	0.4	2,042	2.47	17.25
11/26/2008	1,800	132	14,256,000	0.1	1,483	1.32	18.57
3/24/2009	2,832	132	22,429,440	0.3	1,763	2.47	21.04
6/15/2009	1,992	132	15,776,640	0.3	1,856	1.83	22.87
8/31/2009	1,848	132	14,636,160	0.3	1,856	1.69	24.56
11/5/2009	1,584	132	12,545,280	0.3	1,856	1.45	26.01
2/5/2010	2,208	132	17,487,360	0.6	2,416	2.64	28.65
5/6/2010	2,160	132	17,107,200	0.6	2,416	2.58	31.22
TOTALS:	**31,753**		**247,903,560**			**31.22**	

Lab Data for Air Mitigation System B-5
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Michigan Plaza
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Indianapolis, Indiana
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B-5 (Lab Data)

Sample Date	Hours per Cycle	Average Flow Rate	Air Vol. Removed per	µg/m3 PCE	Lbs. PCE removed	µg/m3 TCE	Lbs. TCE removed	µg/m3 VC	Lbs. VC removed	µg/m3 cis-1,2-DCE	Lbs. cis-1,2-DCE	Lbs. Total Pollutants	Cumulative PCE lbs	Cumulative Total Pollutant
3/27/2008	0.5	130	3,900	883	0.00	27	0.00	38	0.00	40	0.00	0.00	0.00	0.00
3/28/2008	24	127	182,880	496	0.01	27	0.00	38	0.00	40	0.00	0.01	0.01	0.01
4/24/2008	648	120	4,665,600	367	0.11	27	0.01	38	0.01	40	0.01	0.14	0.11	0.14
5/1/2008	168	115	1,159,200	394	0.03	27	0.00	38	0.00	40	0.00	0.04	0.14	0.18
6/2/2008	768	114	5,253,120	401	0.13	27	0.01	38	0.01	40	0.01	0.17	0.27	0.35
7/10/2008	912	115	6,292,800	442	0.17	27	0.01	38	0.02	40	0.02	0.21	0.45	0.56
9/12/2008	1,536	114	10,506,240	469	0.31	27	0.02	38	0.03	40	0.03	0.38	0.75	0.94
11/26/2008	1,800	113	12,204,000	489	0.37	27	0.02	38	0.03	40	0.03	0.45	1.13	1.39
3/24/2009	2,832	122	20,730,240	1,427	1.85	27	0.03	38	0.05	40	0.05	1.98	2.97	3.37
6/15/2009	1,992	122	14,581,440	394	0.36	27	0.02	38	0.03	40	0.04	0.45	3.33	3.83
8/21/2009	1,608	122	11,770,560	428	0.31	27	0.02	38	0.03	40	0.03	0.39	3.64	4.22
11/5/2009	1,824	122	13,351,680	883	0.74	27	0.02	38	0.03	40	0.03	0.82	4.38	5.04
2/5/2010	2,208	122	16,162,560	150	0.15	8.62	0.01	38	0.04	40	0.04	0.24	4.53	5.28
4/23/2010	1,848	110	12,196,800	82	0.06	5	0.00	38	0.03	40	0.03	0.13	4.59	5.40
TOTALS:	**18,169**		**129,061,020**		**4.59**		**0.18**		**0.31**		**0.32**	**5.40**		

B-5 (PID Readings)

Sample Date	Hours Per Cycle	Average Flow Rate (CFM)	Air Vol. Removed per Cycle (CF)	PID Reading (ppm VOCs)	µg/m3 VOCs	Lbs. VOCs Removed	Cum Total lbs Removed
3/29/2008	50	119	357,000	0.1	1,483	0.03	0.03
3/31/2008	48	118	339,840	0.2	1,669	0.04	0.07
5/1/2008	744	116	5,178,240	0.1	1,483	0.48	0.55
6/2/2008	768	114	5,253,120	0.2	1,669	0.55	1.09
9/12/2008	2,448	114	16,744,320	0.1	1,483	1.55	2.64
11/26/2008	1,800	113	12,204,000	0.1	1,483	1.13	3.77
3/24/2009	2,832	122	20,730,240	0.1	1,483	1.92	5.69
6/15/2009	1,992	122	14,581,440	0.1	1,483	1.35	7.04
8/31/2009	3,840	122	28,108,800	0.1	1,483	2.60	9.64
11/5/2009	1,584	122	11,594,880	0.1	1,483	1.07	10.71
2/5/2010	2,208	122	16,162,560	0.5	2,229	2.25	12.96
5/6/2010	4,368	110	28,828,800	1.4	3,908	7.03	19.98
TOTALS:	**22,682**		**160,083,240**			**19.98**	

Lab Data for Air Mitigation System B-6
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Michigan Plaza
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B-6 (Lab Data)

Sample Date	Hours per Cycle	Average Flow Rate	Air Vol. Removed per	µg/m3 PCE	Lbs. PCE removed	µg/m3 TCE	Lbs. TCE removed	µg/m3 VC	Lbs. VC removed	µg/m3 cis-1,2-DCE	Lbs. cis-1,2-DCE	Lbs. Total Pollutants	Cumulative PCE lbs	Cumulative Total Pollutant
3/27/2008	0.5	130	3,900	8,155	0.00	27	0.00	38	0.00	40	0.00	0.00	0.00	0.00
3/28/2008	24	119	171,144	3,330	0.04	27	0.00	38	0.00	40	0.00	0.04	0.04	0.04
4/24/2008	648	114	4,426,488	748	0.21	27	0.01	38	0.01	40	0.01	0.24	0.24	0.27
5/1/2008	168	123	1,234,800	1,427	0.11	27	0.00	38	0.00	40	0.00	0.12	0.35	0.39
6/2/2008	768	120	5,506,560	1,495	0.51	27	0.01	38	0.01	40	0.01	0.55	0.87	0.94
8/20/2008	1,896	120	13,651,200	1,835	1.56	27	0.02	38	0.03	40	0.03	1.65	2.43	2.59
9/12/2008	552	114	3,775,680	1,223	0.29	27	0.01	38	0.01	40	0.01	0.31	2.72	2.91
11/26/2008	1,800	112	12,096,000	748	0.56	27	0.02	38	0.03	40	0.03	0.64	3.28	3.55
3/24/2009	2,832	118	20,050,560	883	1.10	27	0.03	38	0.05	40	0.05	1.24	4.39	4.79
6/15/2009	1,992	118	14,103,360	571	0.50	27	0.02	38	0.03	40	0.03	0.59	4.89	5.38
8/21/2009	1,608	118	11,384,640	483	0.34	27	0.02	38	0.03	40	0.03	0.42	5.23	5.80
11/5/2009	1,824	118	12,913,920	748	0.60	27	0.02	38	0.03	40	0.03	0.69	5.83	6.49
2/5/2010	2,208	118	15,632,640	544	0.53	5.92	0.01	38	0.04	40	0.04	0.61	6.36	7.10
4/23/2010	1,848	93	10,311,840	883	0.57	9.15	0.01	38	0.02	40	0.03	0.62	6.93	7.72
TOTALS:	**18,169**		**125,262,732**		**6.93**		**0.18**		**0.30**		**0.31**	**7.72**		

B-6 (PID Readings)

Sample Date	Hours Per Cycle	Average Flow Rate (CFM)	Air Vol. Removed per Cycle (CF)	PID Reading (ppm VOCs)	µg/m3 VOCs	Lbs. VOCs Removed	Cum Total lbs Removed
3/29/2008	50	110	330,000	1.7	4,468	0.09	0.09
3/31/2008	48	111	319,680	0.1	1,483	0.03	0.12
5/1/2008	744	118	5,267,520	0.3	1,856	0.61	0.73
6/2/2008	768	120	5,529,600	1.1	3,349	1.16	1.89
9/12/2008	2,448	114	16,744,320	0.1	1,483	1.55	3.43
11/26/2008	1,800	114	12,312,000	0.2	1,669	1.28	4.72
3/24/2009	2,832	118	20,050,560	0.3	1,856	2.32	7.04
6/15/2009	1,992	118	14,103,360	0.3	1,856	1.63	8.67
8/31/2009	1,848	118	13,083,840	0.3	1,856	1.51	10.19
11/5/2009	1,584	118	11,214,720	0.3	1,856	1.30	11.48
2/5/2010	2,208	118	15,632,640	0.9	2,975	2.90	14.38
5/12/2010	2,304	93	12,856,320	1.7	4,468	3.58	17.97
TOTALS:	**18,626**		**127,444,560**			**17.97**	

Lab Data for Air Mitigation System B-7
Second Quarter 2010
4/23/2010
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

B-7 (Lab Data)

Sample Date	Hours per Cycle	Average Flow Rate	Air Vol. Removed per	µg/m3 PCE	Lbs. PCE removed	µg/m3 TCE	Lbs. TCE removed	µg/m3 VC	Lbs. VC removed	µg/m3 cis-1,2-DCE	Lbs. cis-1,2-DCE	Lbs. Total Pollutants	Cumulative PCE lbs	Cumulative Total Pollutant
4/7/2008	0.5	118	3,540	516	0.00	27	0.00	38	0.00	40	0.00	0.00	0.00	0.00
4/8/2008	24	118	169,920	319	0.00	27	0.00	38	0.00	40	0.00	0.00	0.00	0.00
4/24/2008	384	118	2,718,720	150	0.03	27	0.00	38	0.01	40	0.01	0.04	0.03	0.05
5/1/2008	168	120	1,209,600	265	0.02	27	0.00	38	0.00	40	0.00	0.03	0.05	0.08
6/2/2008	768	117	5,391,360	360	0.12	27	0.01	38	0.01	40	0.01	0.16	0.17	0.23
7/10/2008	912	118	6,456,960	367	0.15	27	0.01	38	0.02	40	0.02	0.19	0.32	0.42
9/12/2008	1,536	114	10,506,240	367	0.24	27	0.02	38	0.03	40	0.03	0.31	0.56	0.73
11/26/2008	1,800	112	12,096,000	381	0.29	27	0.02	38	0.03	40	0.03	0.37	0.85	1.10
3/24/2009	2,832	118	20,050,560	401	0.50	27	0.03	38	0.05	40	0.05	0.63	1.35	1.73
6/15/2009	1,992	118	14,103,360	34	0.03	27	0.02	38	0.03	40	0.03	0.12	1.38	1.85
8/21/2009	1,608	118	11,384,640	34	0.02	27	0.02	38	0.03	40	0.03	0.10	1.40	1.95
11/5/2009	1,824	118	12,913,920	34	0.03	27	0.02	38	0.03	40	0.03	0.11	1.43	2.06
2/5/2010	2,208	118	15,632,640	15	0.01	27	0.03	38	0.04	40	0.04	0.12	1.44	2.18
4/23/2010	1,848	118	13,114,640	34	0.03	27	0.02	197	0.16	40	0.03	0.24	1.47	2.42
TOTALS:	**17,905**		**125,752,100**		**1.47**		**0.21**		**0.43**		**0.31**	**2.42**		

B-7 (PID Readings)

Sample Date	Hours Per Cycle	Average Flow Rate (CFM)	Air Vol. Removed per Cycle (CF)	PID Reading (ppm VOCs)	µg/m3 VOCs	Lbs. VOCs Removed	Cum Total lbs Removed
5/1/2008	576	120	4,147,200	0.1	1,483	0.38	0.38
6/2/2008	768	117	5,391,360	0.3	1,856	0.62	1.01
9/12/2008	2,448	114	16,744,320	0.1	1,483	1.55	2.56
11/26/2008	1,800	112	12,096,000	0.2	1,669	1.26	3.82
3/24/2009	2,832	118	20,050,560	0.3	1,856	2.32	6.14
6/15/2009	1,992	118	14,103,360	0.3	1,856	1.63	7.77
8/31/2009	1,848	118	13,083,840	0.3	1,856	1.51	9.28
11/5/2009	1,584	118	11,214,720	0.3	1,856	1.30	10.58
2/5/2010	2,208	118	15,632,640	0.1	1,483	1.45	12.03
5/6/2010	2,160	130	16,848,000	0.3	1,856	1.95	13.98
TOTALS:	**18,216**		**129,312,000**			**13.98**	

Michigan Plaza
Second Quarter 2010
4/23/2010
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

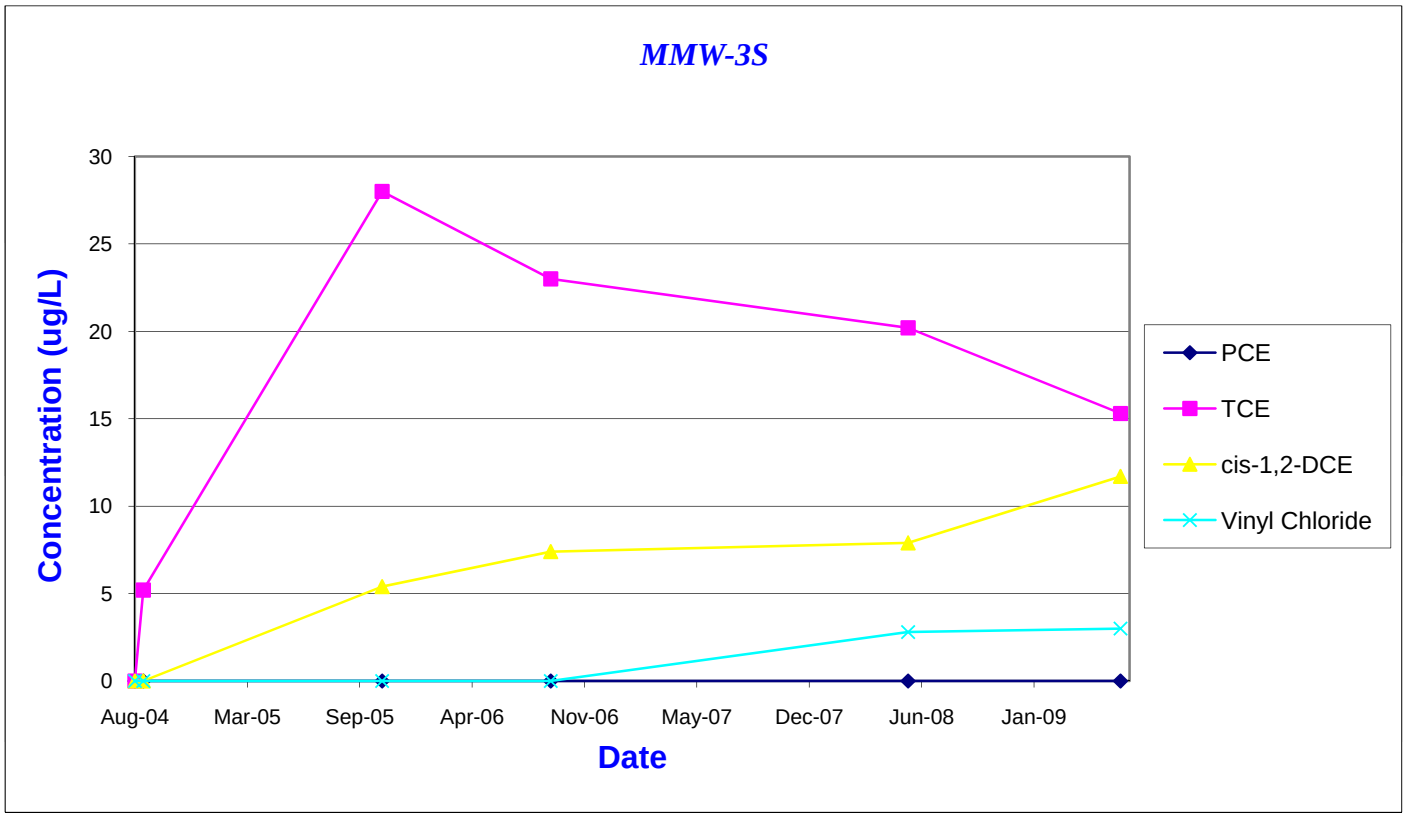
Cumulative Totals (B-1-B-4)				
Sample Date	Lbs PCE Removed	Cumulative PCE lbs Removed	Lbs. Total Pollutants Removed	Cumulative Total Pollutant lbs Removed
9/21/2006	0.00	0.00	0.00	0.00
10/6/2006	2.36	2.36	2.43	2.43
10/13/2006	0.68	3.05	0.71	3.14
10/20/2006	0.98	4.03	1.01	4.14
11/17/2006	3.41	7.44	3.51	7.65
12/27/2006	4.52	11.95	4.67	12.32
3/30/2007	7.00	18.95	7.33	19.65
6/15/2007	4.64	23.59	6.55	26.20
10/16/2007	6.42	30.01	6.86	33.06
12/14/2007	5.31	35.33	5.53	38.59
3/27/2008	7.84	43.17	8.23	46.82
4/1/2008	1.20	44.36	1.25	48.07
6/2/2008	6.16	50.53	6.39	54.46
9/12/2008	8.69	59.22	9.05	63.51
11/26/2008	4.38	63.59	4.62	68.13
3/24/2009	7.64	71.24	8.02	76.15
6/15/2009	4.53	75.77	4.80	80.94
8/21/2009	3.90	79.67	4.14	85.08
11/5/2009	3.90	83.57	4.17	89.25
2/5/2010	1.77	85.35	1.95	91.20
4/23/2010	2.15	87.49	2.30	93.50

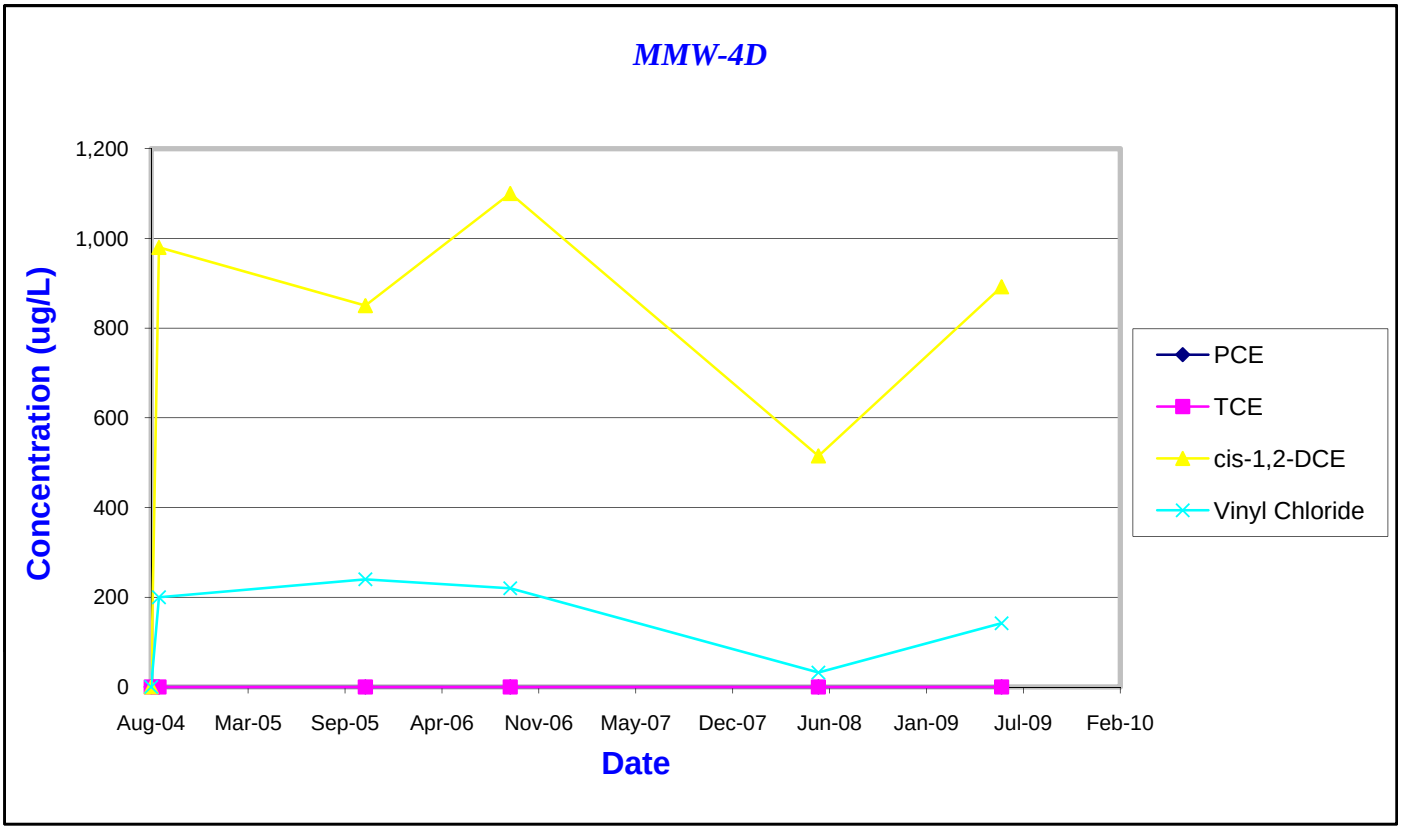
Michigan Apartments
Second Quarter 2010
4/23/2010
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Cumulative Totals (B-5-B-7)				
Sample Date	Lbs PCE Removed	Cumulative PCE lbs Removed	Lbs. Total Pollutants Removed	Cumulative Total Pollutant lbs Removed
3/27/2008	0.00	0.00	0.00	0.00
3/28/2008	0.04	0.04	0.04	0.05
4/7/2008	0.00	0.04	0.00	0.05
4/8/2008	0.00	0.05	0.00	0.05
4/24/2008	0.34	0.39	0.42	0.47
5/1/2008	0.16	0.54	0.18	0.65
6/2/2008	0.77	1.31	0.87	1.52
7/10/2008	0.32	1.63	0.40	1.93
8/20/2008	1.56	3.19	1.65	3.58
9/12/2008	0.84	4.03	1.00	4.58
11/26/2008	1.22	5.25	1.46	6.04
3/24/2009	3.45	8.71	3.85	9.89
6/15/2009	0.89	9.60	1.17	11.06
8/21/2009	0.68	10.28	0.91	11.97
11/5/2009	1.40	11.67	1.75	13.71
2/5/2010	0.78	12.46	1.17	14.89
4/23/2010	0.74	13.19	0.95	15.84

APPENDIX C

Indicator Compound Trends at the Northern Wells





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Project Number:	M01046
File:	MI Meadows charts
Date Prepared:	6/1/2010
Scale:	no scale

Concentration Trends
Michigan Plaza
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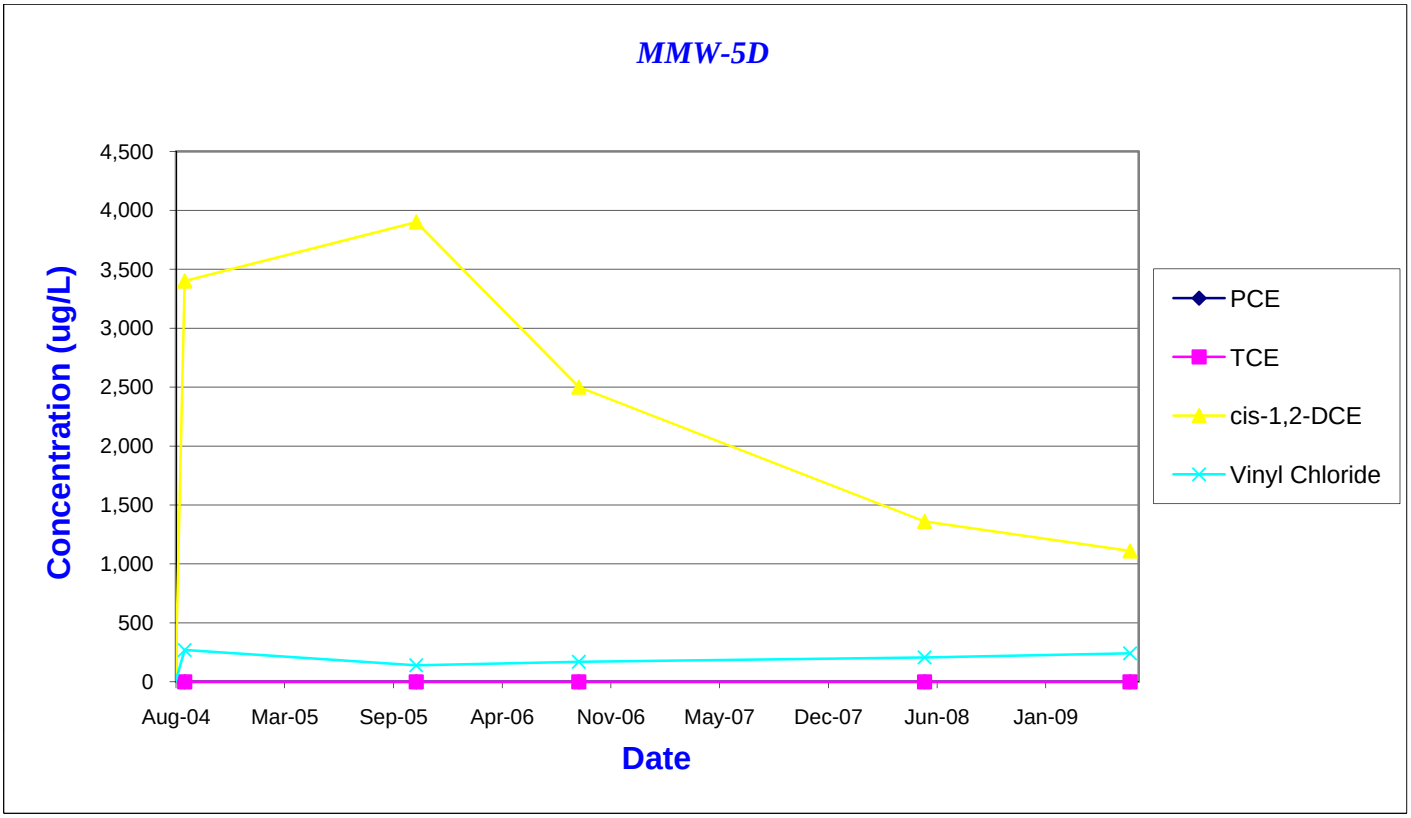
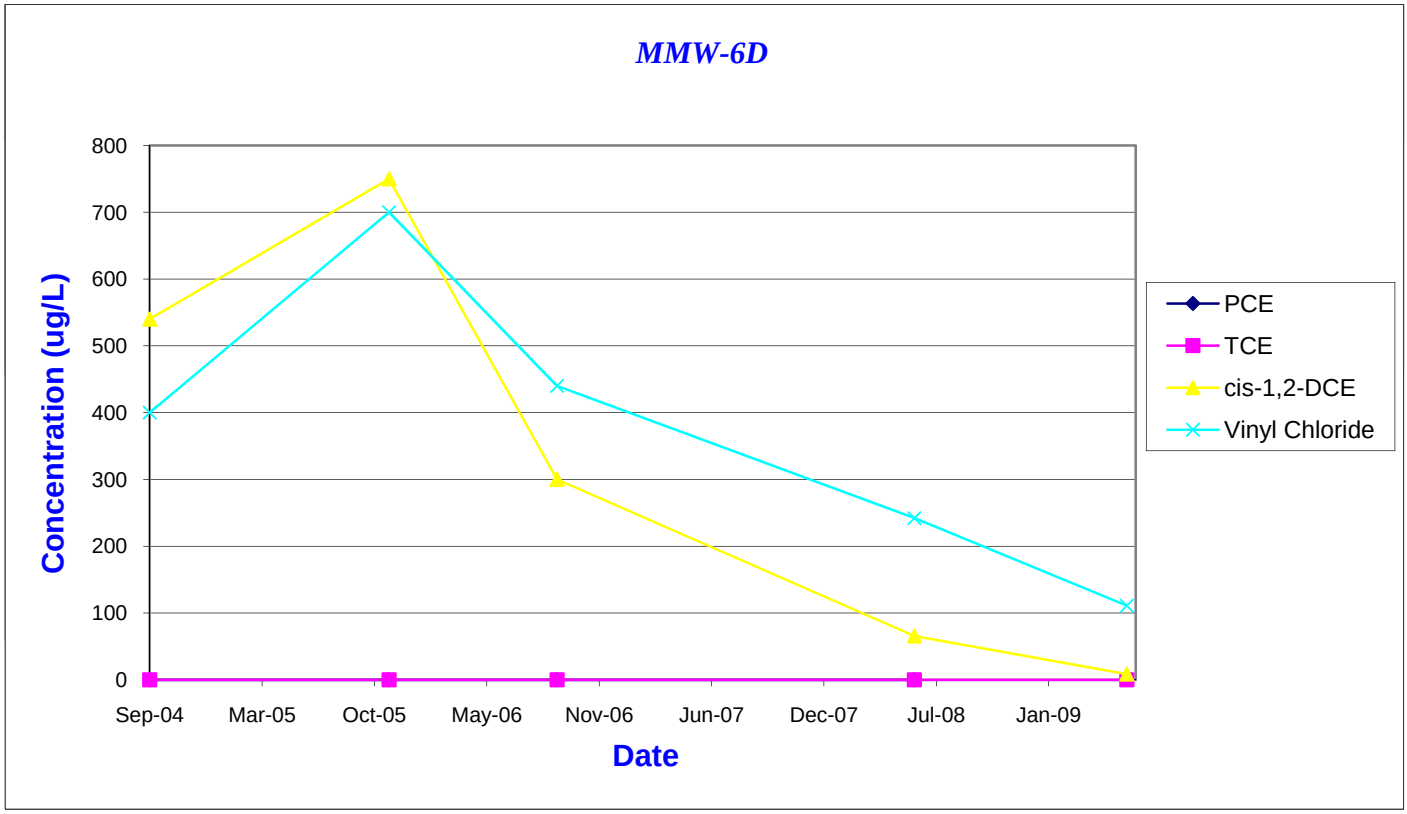
Indianapolis, IN

APPENDIX

C1





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Concentration Trends
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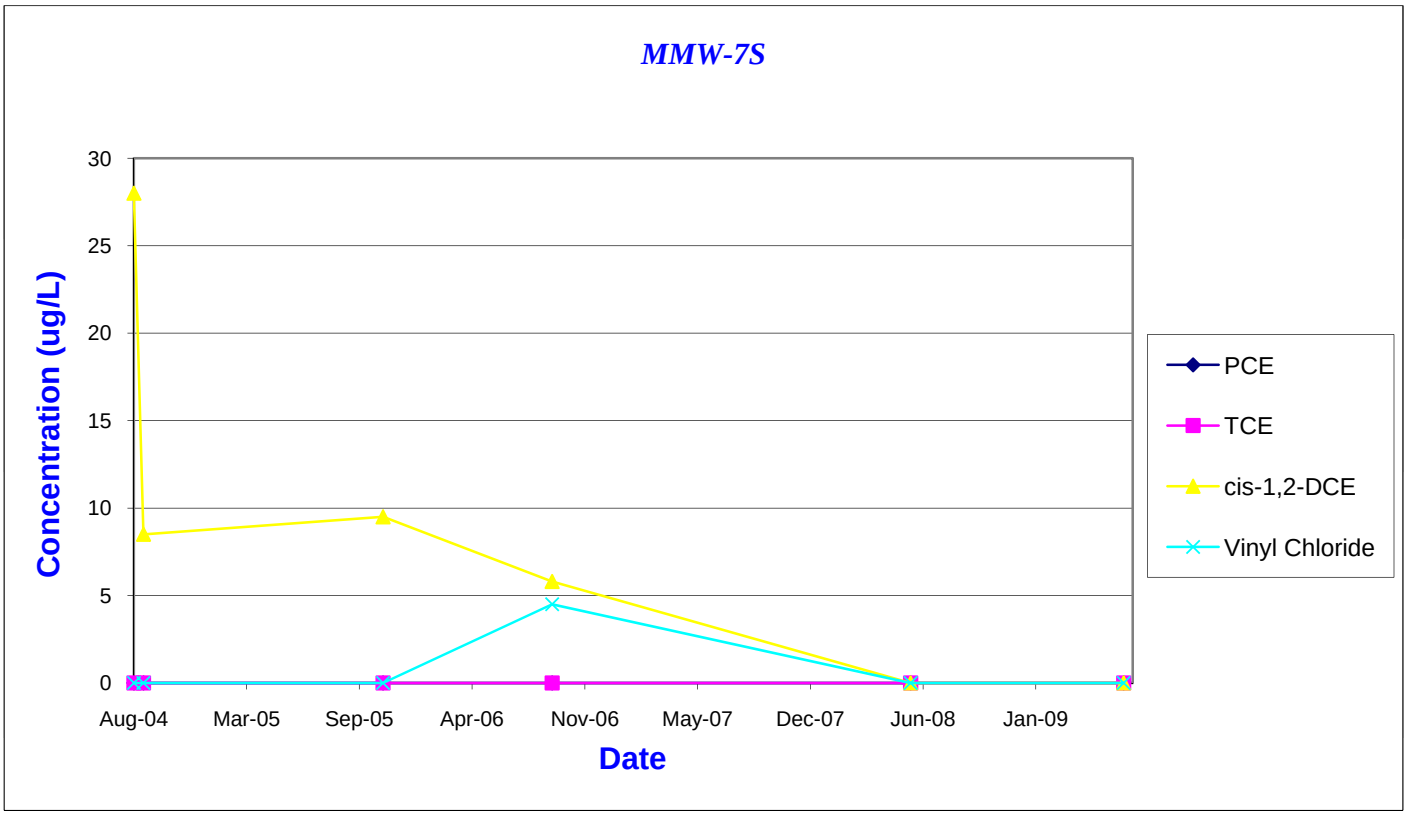
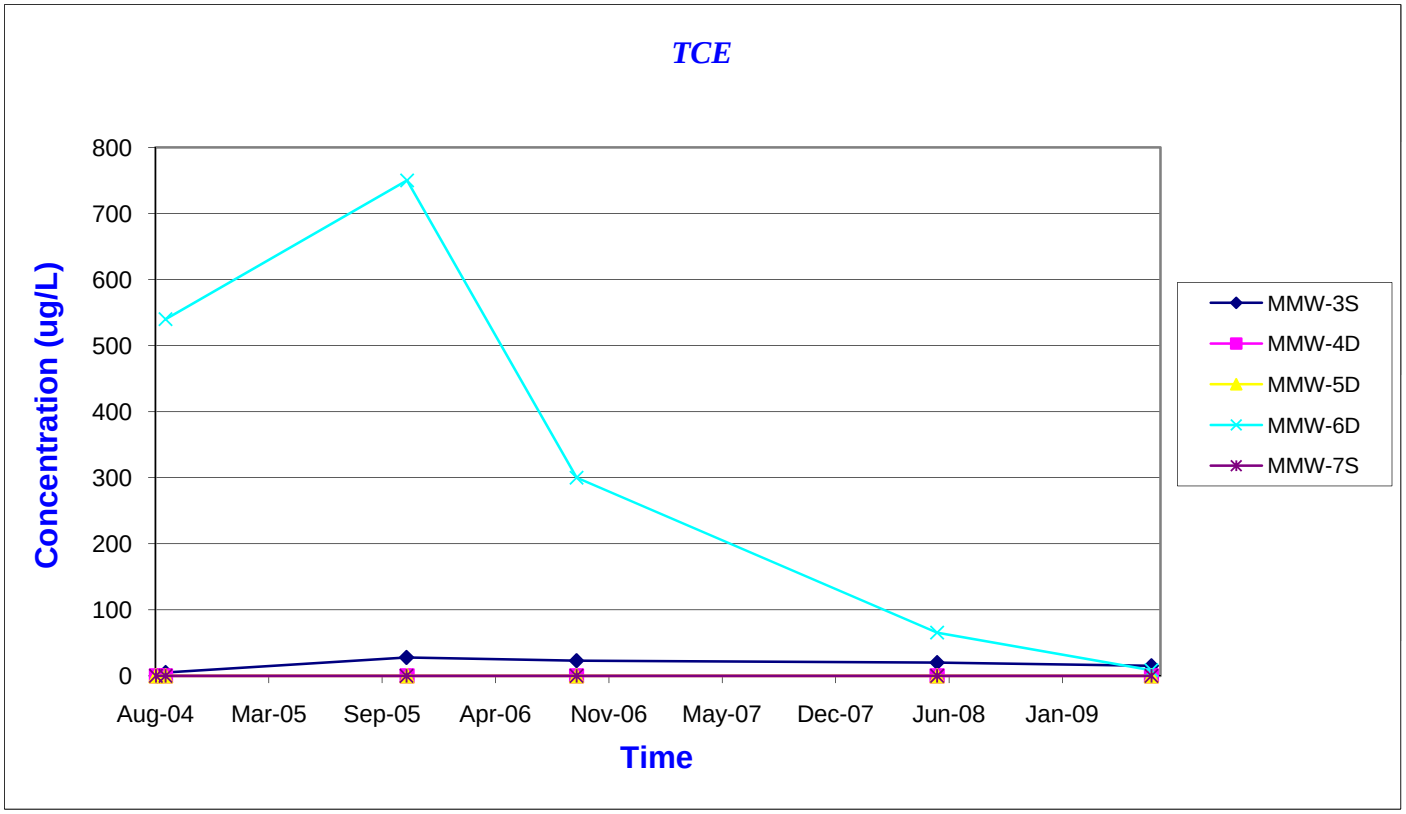
APPENDIX

C2





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Scale:	no scale

Concentration Trends
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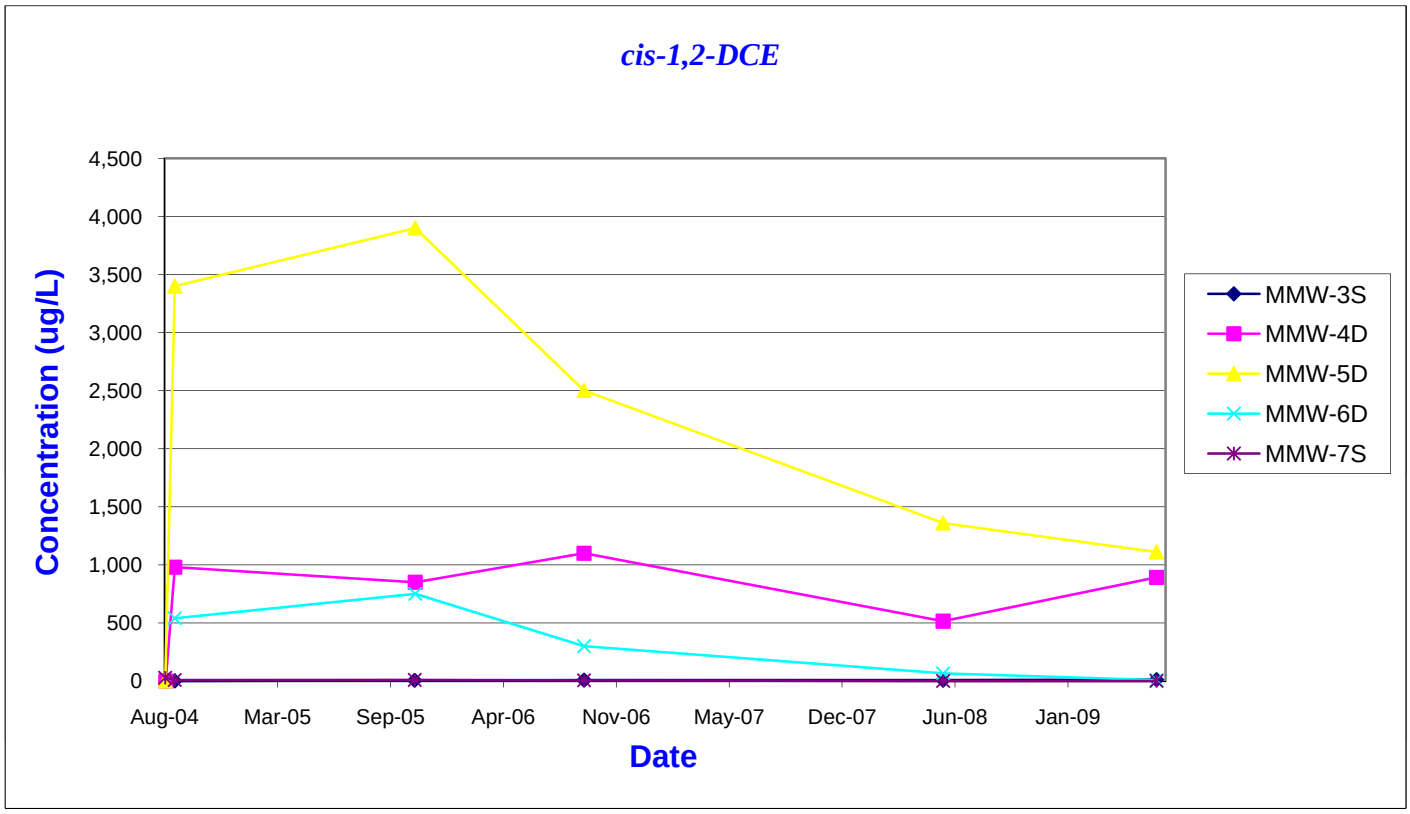
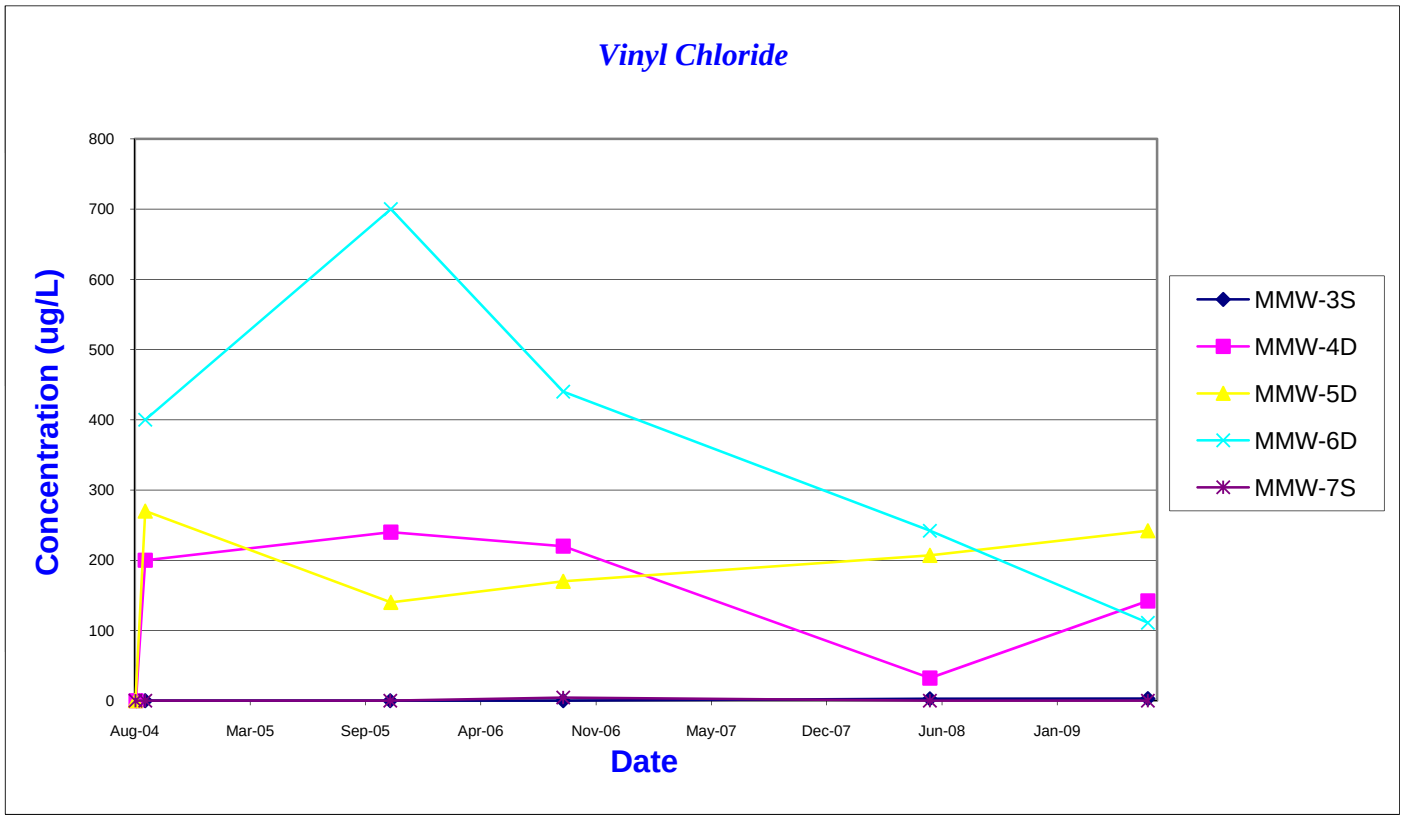
APPENDIX

C3





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Date Prepared:	6/1/2010
Scale:	no scale

cis-1,2-DCE and Vinyl Chloride Concentration Trends
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APPENDIX

C4