From:	Anderson, Carmen
To:	Lam, Shelly
Subject:	Michigan Plaza 1st Quarter Monitoring Report - Part 1
Date:	Friday, May 02, 2014 6:46:45 AM
Attachments:	Michigan Plaza 1Q14 QMR 4-30-2014 Part 1.pdf

Shelly,

Here is Part 1 of the 1st Quarter 2014 Groundwater Monitoring report for Michigan Plaza. Part 2 will be sent after this email.

Carmen Anderson
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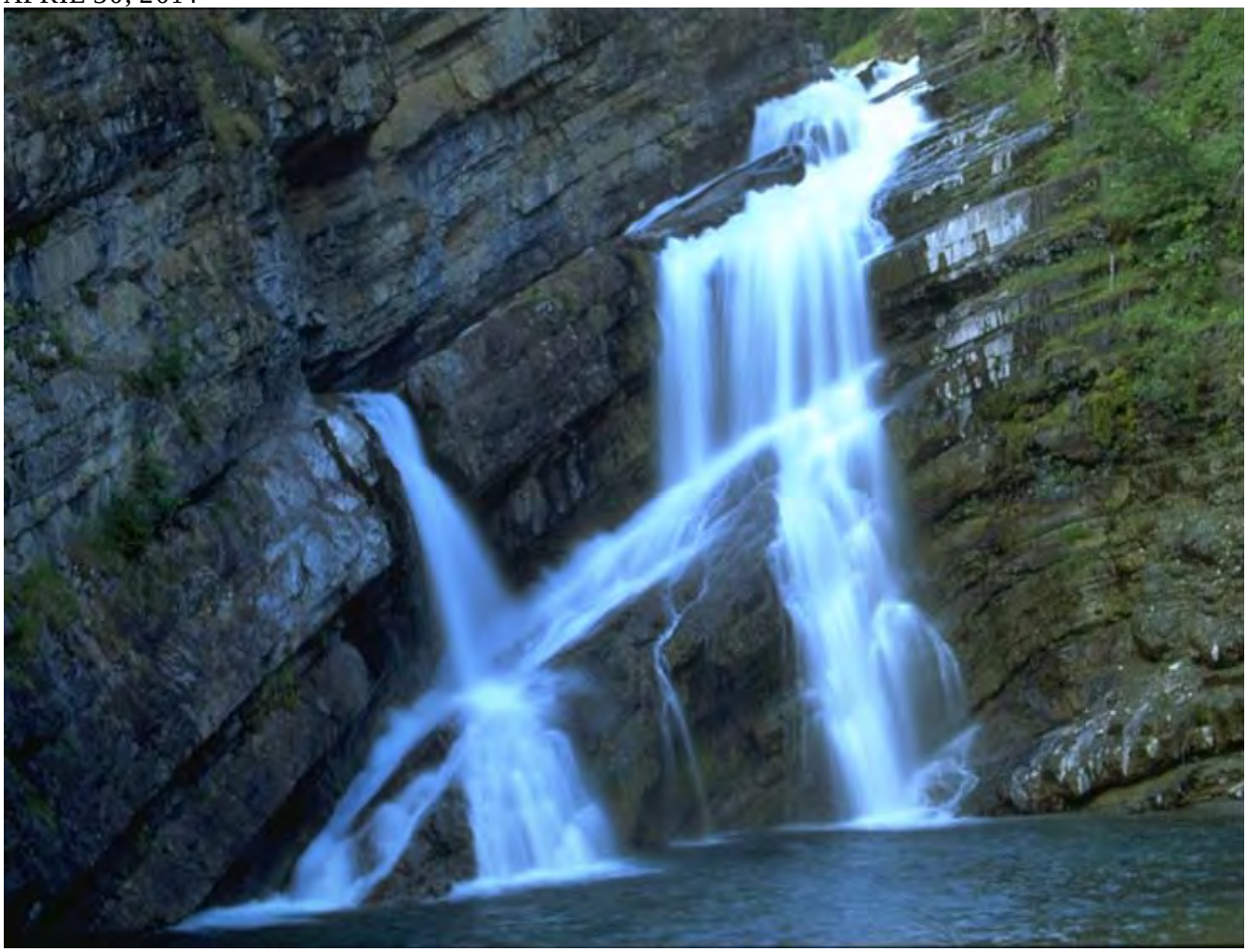
QUARTERLY MONITORING PROGRESS REPORT, 1ST QUARTER, 2014

MICHIGAN PLAZA
3801-3823 WEST MICHIGAN STREET
INDIANAPOLIS, INDIANA 46222
IDEM INCIDENT NO.: 0000198
IDEM VRP NO.: 6061202
MUNDELL PROJECT NO.: M01046
APRIL 30, 2014



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April 30, 2014

Mr. Corey Webb
Voluntary Remediation Program
Office of Land Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

Re: **Quarterly Monitoring Progress Report – 1st Quarter 2014**
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana 46222
IDEM Incident # 0000198
IDEM VRP # 6061202
MUNDELL Project No. M01046

Dear Mr. Webb:

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 Michigan Meadows Holdings, LLC (AMMH), to summarize remediation activities and quarterly monitoring performed between January 1 and March 31, 2014. The following sections provide detailed discussions of the results of this work. All activities were completed on schedule.

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; mbreting@mundellassociates.com).

Sincerely,

MUNDELL & ASSOCIATES, INC.

Matthew Bono
Staff Environmental Scientist

Mark E. Breting, L.P.G.
Senior Project Geologist

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

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cc: Mr. Peter Cappel, AMMH

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1 .0 SUMMARY OF MONITORING ACTIVITIES

1.1 Groundwater Monitoring Network Sampling

Between February 3 and March 6, 2014, quarterly groundwater sampling of twenty-eight (28) monitoring wells established with IDEM, twelve (12) additional MUNDELL monitoring wells on the Floral Park Cemetery property, and six (6) ENVIRON monitoring wells was completed. The following constitute this quarterly groundwater monitoring network:

A. *MUNDELL monitoring wells (40 total)*:

Michigan Plaza and Vicinity (15):

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, MMW-P-12S, and MMW-P-12D.

Maple Creek Village Apartment Complex (13):

MMW-1S, MMW-4D, MMW-6D, MMW-8S, MMW-9S, MMW-10S, MMW-11S, MMW-11D, MMW-12S, MMW-13D, MMW-14D, MMW-15S, and MMW-15D.

Floral Park Cemetery (12):

MMW-C-01, MMW-C-02S, MMW-C-02D, MMW-C-16S, MMW-C-16D, MMW-C-17D, MMW-P-11S, MMW-P-11DR, MMW-P-13S, MMW-P-13D, MMW-P-14S, and MMW-P-14D.

B. *ENVIRON monitoring wells (6)*:

MW-167S, MW-167D, MW-168S, MW-168D, MW-170S, and MW-170D.

It should be noted that when the well was first accessed for water level gauging, ENVIRON well MW-168S did not have a well plug in place for the second consecutive quarter. The absence of a well cap made it possible for surface water to infiltrate. A sample was collected from the well but the analytical results are considered suspect and may not be representative of actual groundwater conditions in the area.

Four (4) additional wells, MUNDELL well MMW-5D and ENVIRON wells MW-165D, MW-166D, and MW-174D were sampled and analyzed for dissolved methane, ethane, and ethene. These wells have not historically been included in the quarterly sampling plan.

MUNDELL also measured static groundwater elevations via an electric oil/water interface probe from the above-listed monitoring well network on February 24, 2014. Additional wells gauged during this sampling event consist of:

Maple Creek Village monitoring wells:

MMW-2S, MMW-3S, MMW-7S, and MMW-5D.

ENVIRON monitoring wells:

MW-166S, MW-166D, MW-169S, MW-169D, MW-171S, MW-171D, MW-174S, MW-174D, MW-175S, and MW-175D.

Little Eagle Creek Stream gauge Locations:

SG-1 and SG-2

U.S. EPA wells:

MW-WES-01A, MW-WES-01B, MW-WES-01C, MW-WES-02A, MW-WES-02B, MW-WES-02C, MW-WES-03A, MW-WES-03B, MW-WES-04A, MW-WES-04B, MW-WES-05A, MW-WES-05B, MW-WES-05C, MW-WES-06S, MW-WES-06D, MW-WES-07, MW-WES-08S, MW-WES-08D, MW-WES-09S, and MW-WES-9D.

Monitoring well gauging, survey and construction data are provided in **Table 1** and cumulative monitoring well gauging, survey data, and water levels are provided in **Table 2.** A site map depicting monitoring well locations is provided as **Figure 1**, and separate potentiometric surface maps are depicted for wells screened within the shallow portion of the upper sand aquifer (**Figure 2A** and **Figure 2B**), the deeper portion of the upper sand and gravel aquifer (**Figure 3A** and **Figure 3B**), and the lower aquifer (**Figure 4A** and **Figure 4B**).

The monitoring wells were sampled utilizing both dedicated and portable bladder pumps for uniform low-flow purging and sample collection. The Troll 9500 multi-parameter meter (used in-line with the 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 to determine if conditions naturally conducive to natural attenuation exist in the aquifer. Excess purge water was transported to 55-gallon drums located at the Michigan Plaza property for subsequent proper off-site 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 *Remediation Work Plan Addendum* dated November 2008, groundwater samples were submitted to Pace Analytical Laboratories (Pace) in Indianapolis, Indiana, for the shorter list of Volatile Organic Compound (VOC) analysis utilizing U.S. EPA SW-846 Method 8260, along with appropriate duplicate (DUP), matrix spike (MS) and matrix spike duplicate (MSD) samples. 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**.

Additional aquifer parameters, consisting of nitrate/nitrite (EPA 353.2), sulfate (ASTM D512-90,02), ferrous iron (field test - 1,10 Phenanthroline), total organic carbon (SM 5310C), methane (AM20GAX), ethane (AM20GAX) and ethane (AM20GAX) were analyzed to evaluate indicator compound breakdown and redox-sensitivity. In addition, volatile fatty acids (VFA) were tested to evaluate the bioremediation substrate CAP18 ME™ distribution and lifetime duration of the substrate product. These samples were collected in the previously selected indicator well locations representative of each plume to monitor the presence of residual CAP 18 ME™ in the aquifer and to provide additional monitoring of aquifer conditions. These identified locations consist of:

Source Area A: MMW-P-02, MMW-P-03S, MMW-P-03D, MMW-P-11S, MMW-P-11DR, and MMW-C-01;

Source Area B: MMW-P-01, MMW-P-05, MMW-P-06, MMW-P-07, MMW-P-08, MMW-P-10S, MMW-P-10D, MMW-8S, MMW-P-12S, and MMW-P-12D;

Source Area C: MMW-1S, MMW-9S, and MMW-10S.

1.2 Post-Injection Soil Gas Monitoring

As requested by IDEM in their March 22, 2013 review letter associated with the proposed CAP18 ME™ Injections, and as subsequently proposed in the *Response to IDEM's Review of Second Revised Work Plan For the Third Round of CAP18® ME™ Injections* document dated April 29, 2013, MUNDELL completed methane monitoring in order to monitor potential methane production associated with the CAP18 ME™ injections in July 2013.

During the 4th quarter of 2013, MUNDELL oversaw the installation of twelve (12) additional soil gas monitoring wells, MGW-6S/D through MGW-11S/D, in the vicinity of ***Source Areas A, B, and C***. Wells were screened across shallow and deep portions of

the vadose zone, with shallow wells screened from 5 to 6 feet below ground surface and deep wells screened from 11 to 12 feet below ground surface. MUNDELL also oversaw the installation of four (4) Soil Vapor Extraction (SVE) wells completed with four (4) inch diameter screens and risers. Each screen is five (5) feet in length, with the base of the screen positioned approximately two feet above the average water table surface specific to each particular area. The locations of the soil gas monitoring wells and SVE wells are depicted in **Figure 5**.

On multiple occasions over the course of the first quarter of 2014, MUNDELL field screened the soil gas wells with a RKI Eagle multi-gas meter in order to evaluate the methane levels at each location. Note that some of the wells were inaccessible due to heavy snowfall during the 1st quarter and could not be screened until the snow and ice melted. IDEM was made aware of the issue and informed MUNDELL that it was within reason to wait until those wells were accessible.

During field screening activities on January 14, 2014, MUNDELL observed that the methane screening result in SVE-1 had risen to a level in excess of 5,000 ppmv, or 10% of the Lower Explosive Limit (LEL). In response, MUNDELL mobilized a mobile SVE unit to the Site to vent the air in the groundwater monitoring wells in the vicinity of ***Source Area C*** at SVE-1 on January 15, 2014. The SVE system applied a vacuum to groundwater monitoring wells and discharged the methane to the atmosphere, diluting the methane as it was taken in so as to reduce methane concentrations in the exhaust. Air samples were also collected from the mobile SVE system during the venting events in order to provide additional information about the soil gas which was being removed. Before, during, and after the vacuum was applied, methane concentrations and pressure readings were monitored at multiple locations at the Site.

In response to additional elevated methane readings in MGW-8D on January 17 and 20, 2014 (greater than 5,000 ppm, or 10% of the LEL), MUNDELL returned to employ the mobile SVE unit on January 22, 2014 in the vicinity of ***Source Area B***.

Field screening during the weeks of March 6 and March 11, 2014 found methane readings exceeding the LEL at SVE-1. MUNDELL had prepared to return to the Site on March 21, 2014 for a third venting event. However, when SVE-1 was re-screened on March 20, 2014, the methane concentration had decreased to below 10% of the LEL. The concentration was verified with a second RKI Eagle multi-gas meter. As a result of the lower concentration, MUNDELL did not actively vent SVE-1.

In addition to ongoing field screening, MUNDELL collected air samples for laboratory analysis from the existing mitigation systems on February 28, 2014 and from the soil gas wells on March 20, 2014. Prior to sampling the soil gas wells, each well was purged of air in an amount equal to the volume of the air column inside the well. Samples were collected for 30 minutes in 6-L Summa canisters using 200ml/min flow regulators and

were delivered to Pace for analysis via method TO-15 for VOCs and TO-3 for methane using appropriate chain-of-custody protocol for laboratory tests. Pace laboratory certificates of analysis for the air samples analyzed are presented in **Appendix A**.

MUNDELL believes that if the elevated methane concentrations in the soil gas are exclusively the result of the previous injection activities at the Site during the 3rd quarter of 2013, then the methane concentrations should be fairly consistent during field screening. The injection activities would create a relatively constant environment in the subsurface soil, which would be conducive to methane generation at a fairly stable rate. As expected, the dissolved methane concentrations in groundwater samples collected have been fairly consistent. However, the soil gas concentrations observed during field screening have been more sporadic in the areas around ***Source Areas B and C***. MUNDELL is of the opinion that there are other contributing factors at play in the vicinity of ***Source Areas B and C***, possibly associated with the sewer line that runs through the area.

2 .0 MONITORING RESULTS

2.1 Groundwater Flow

All of the wells at the Site have been grouped into one of three categories: shallow upper aquifer wells (those screened across or near the water table in the upper aquifer), deep upper aquifer wells (those screened just above the till at the bottom of the upper aquifer), and lower aquifer wells (those screened in granular material present below the upper till unit and above a deeper till unit). The wells are listed by group in **Table 1.** Due to the vertical location of their screened intervals, note that in all discussions in this report, some wells have been considered representative of more than a single aquifer layer. MW-171S and MW-166S are both screened across portions of the shallow and deep upper aquifer and as a result, both are discussed as part of the two portions of the upper aquifer. Similarly, MW-WES-01b, MW-WES-03b, and MW-WES-04b are discussed as part of the deep upper aquifer and the lower aquifer because of the location of the well screens. Also, MW-WES-01a is not included in the shallow upper potentiometric modeling because it is not screened near the water table.

During the preparation of the potentiometric surface maps for the Site, which are discussed below, static water level data collected at both stream gauge locations (SG-1 and SG-2), MUNDELL wells MMW-1S and MMW-P-05 and EPA well MW-WES-05a (shallow upper aquifer), ENVIRON well MW-174D (deep upper aquifer), and EPA well MW-WES-05c (lower aquifer) did not conform to the relative changes in water levels from first quarter 2014 readings in nearby monitoring wells. Therefore, water level elevations for these wells were considered suspect.

A review of the potentiometric surface map for the wells screened within the shallow portion of the upper aquifer zone (**Figure 2A**) shows that direction of groundwater flow in the vicinity of **Source Areas A**, **B** and **C** is from the north-northwest to the south-southeast. No component of groundwater flow is observed towards the residential area west of Holt Road. This flow pattern exists even if the suspect static water elevations from SG-1, SG-2, MMW-1S, MMW-P-05 and MW-WES-05a are included in the analysis (**Figure 2B**).

A review of the potentiometric surface map for the wells screened within the deeper portion of the upper aquifer (**Figure 3A**) indicates that groundwater flows primarily from north to south with a northwest to southeast component in the vicinity of **Source Areas A, B, and C**. As with the shallow portion of the upper aquifer, the direction of flow in the deeper portion remains the same even if the suspect water level in the deep monitoring well MW-174D is considered (**Figure 3B**). There is no component of groundwater flow towards the residential area west of Holt Road.

A review of the potentiometric surface map for the wells screened within the lower aquifer (**Figure 4A**) indicates that groundwater flows primarily from northwest to southeast in the vicinity of **Source Areas A, B, and C**. The direction of flow in the deeper portion remains the same even if the suspect water level in the deep monitoring well MW-WES-05c is considered (**Figure 4B**). There is no component of groundwater flow towards the residential area west of Holt Road.

2.2 Groundwater Analytical Results

Groundwater analytical testing results for this quarter are summarized in **Table 3** and presented on **Figure 6A** and **Figure 6B** (shallower portion of upper aquifer, with contours depicting industrial and residential vapor intrusion groundwater screening level (VI-GWSL) exceedances, respectively)**, Figure 7A and Figure 7B** (deeper portion of upper aquifer, with contours depicting industrial and residential VI-GWSL exceedances, respectively), and **Figure 8** (lower aquifer), with the cumulative historic groundwater results included in **Table 4**, and the cumulative groundwater analytical data for enhanced anaerobic bioremediation included in **Table 5.**

Groundwater data associated with the U.S. EPA monitoring activities are also provided on **Figure 6A**, **Figure 6B**, **Figure 7A, Figure 7B** and **Figure 8**, and the data is provided in **Table 2**.

Dissolved methane in groundwater results for the shallow upper aquifer, deep upper aquifer, and lower aquifer and depicted on **Figure 9**, **Figure 10**, and **Figure 11**, respectively. Associated data is provided in **Table 5**.

The historical indicator compounds trends in groundwater are presented in **Figure 9.** The most recent low-flow sampling data are provided in **Appendix C**. A summary of exceedances within the shallow monitoring well network and deep monitoring well network follows.

*2.2.1 Shallow Upper Aquifer Monitoring Well Network Summary (**Figures 6A** and **6B**)*

PCE

PCE concentrations were reported (**Figure 6A**) in exceedance of the associated IDEM RCG Commercial/Industrial Vapor Intrusion Ground Water Screening Level (C/I VI-GWSL) in the following monitoring wells:

Maple Creek Village Apartments: MMW-1S and MMW-10S.

Floral Park Cemetery: MMW-P-11S.

PCE was reported (**Figure 6B**) in exceedance of the IDEM RCG Residential Vapor Intrusion Ground Water Screening Level (Res VI-GWSL) in the following monitoring wells:

Maple Creek Village Apartments: MMW-9S

Michigan Plaza and Vicinity: MMW-P-01 and MMW-P-08.

Floral Park Cemetery: MMW-C-01.

TCE

TCE concentrations were reported (**Figure 6A**) in exceedance of the associated IDEM RCG C/I VI-GWSL in the following monitoring wells:

Maple Creek Village Apartments: MMW-10S

TCE concentrations were reported (**Figure 6B**) in exceedance of the associated IDEM RISC Res VI-GWSL in the following monitoring wells:

Maple Creek Village Apartments: MMW-1S and MMW-9S.

Michigan Plaza and Vicinity: MMW-P-01 and MMW-P-08.

Cis-1,2 DCE

Exceedances of IDEM RCG VI-GWSLs associated with c*is-1,2 DCE* are not defined due to an absence of an associated regulatory level. For reference, concentrations of *cis-1,2-DCE* in exceedance of the IDEM RCG Tap Water screening level were observed in the following monitoring wells:

Maple Creek Village Apartments: MMW-1S, MMW-9S, MMW-10S, and MMW-12S.

Michigan Plaza and Vicinity: MMW-P-01, MMW-P-03S, MMW-P-06, MMW-P-08, and MMW-P-12S.

VC

VC concentrations were reported (**Figure 6A**) in exceedance of the IDEM RCG C/I VI-GWSL in the following monitoring wells:

Maple Creek Village Apartments: MMW-8S, MMW-9S, and MMW-10S.

Michigan Plaza and Vicinity: MMW-P-01, MMW-P-02, MMW-P-03S, MMW-P-05, MMW-P-06, MMW-P-07, MMW-P-08, and MMW-P-12S.

ENVIRON monitoring wells: MW-168S.

VC concentrations were reported (**Figure 6B**) in exceedance of the IDEM RCG Res VI-GWSL in the following monitoring wells:

Maple Creek Village Apartments: MMW-1S, MMW-12S

Michigan Plaza and Vicinity: MMW-P-10S.

Floral Park Cemetery: MMW-C-01, MMW-C-02S, MMW-P-11S

Note that **Figures 6A** and **6B** include data provided by the U.S. EPA from samples collected from their well network in the vicinity of the Site. This data is also included in **Table 2**.

2.2.2 Deep Upper Aquifer Monitoring Well Network Summary (**Figures 7A** and **7B**)

PCE

PCE was not identified at concentrations in exceedance of the associated IDEM RCG C/I VI-GWSL or Res VI-GWSL within deep upper aquifer wells across the study area.

TCE

TCE was not identified at concentrations in exceedance of the associated IDEM RCG C/I VI-GWSL or Res VI-GWSL within deep upper aquifer wells across the study area.

Cis-1,2 DCE

For reference, concentrations of *cis-1,2-DCE* in exceedance of the IDEM RCG tap water screening level were observed in the following monitoring wells:

Maple Creek Village Apartments: MMW-4D, MMW-11D, MMW-13D, and MMW-14D.

Michigan Plaza and Vicinity: MMW-P-10D and MMW-P-12D.

ENVIRON monitoring wells: MW-167D.

VC

VC concentrations were reported (**Figure 7A**) in exceedance of the IDEM RCG C/I VI-GWSL in the following monitoring wells:

Maple Creek Village Apartments: MMW-4D, MMW-6D, and MMW-14D.

Michigan Plaza and Vicinity: MMW-P-03D, MMW-P-09D, MMW-P-10D, and MMW-P-12D.

Floral Park Cemetery: MMW-C-02D, MMW-C-16D, MMW-P-11DR, MMW-P-13D, and MMW-P-14D.

ENVIRON monitoring wells: MW-168D, and MW-170D.

VC concentrations were reported (**Figure 7B**) in exceedance of the IDEM RCG Res VI-GWSL in the following monitoring wells:

Maple Creek Village Apartments: MMW-11D, MMW-13D, and MMW-15D.

Floral Park Cemetery: MMW-C-17D.

ENVIRON monitoring wells: MW-167D.

The deep monitoring wells MMW-4D, MMW-11D, and MMW-13D located at the Maple Creek Village Apartment Complex have historically exhibited vinyl chloride exceedances above the IDEM RCG Res VI-GWSL, as well as cis-1,2-DCE concentrations in exceedance of the RCG Tap Residential screening level**.** Since these wells have been purposefully located hydraulically upgradient of all three ***Chemical Source Areas***, the

impacts observed in these wells demonstrate groundwater impacts that are attributable to an upgradient, off-site source and not to Michigan Plaza. The locations of all three ***Chemical Source Areas*** are presented on **Figure 1**. As seen on **Figure 12,** the indicator compound concentrations at the deep, upgradient wells MMW-4D, MMW-6D, MMW-11D, and MMW-13D can be considered as "background levels" defined as the concentration of contaminants from the Genuine source coming into the deeper aquifer in this area.

Based on a review of the ENVIRON *Remedial Progress Report* dated September 2013, which summarizes April 2013 sampling activities for Genuine Parts associated with VRP Site No. 6991004, groundwater sampling has identified the following RISC IDCL exceedances:

- TCE: MW-10-1R, MW-146, MW-148R; MW-152, MW-153, MW-156, MW-163, MW-173;
- Vinyl chloride: MW-148R, MW-160, MW-165D, MW-166D, MW-167D.

Also, cis-1,2-DCE was detected near Apartment Building No. 16 at a concentration of 465 parts per billion (ppb) in ENVIRON well MW-166D.

The exceedances identified in the ENVIRON monitoring well network are further reinforced by exceedances detected along the northern property boundary this quarter from MUNDELL wells MMW-4D and MMW-6D, in addition to wells MMW-11D and MMW-13D, located further downgradient of the property boundary, but north of the Michigan Plaza ***Chemical Source Areas***. Annual sampling at MUNDELL well MMW-5D continues to confirm the elevated concentrations that have migrated onto the apartment complex over the years (see **Figure 12**).

2.2.3 Lower Aquifer Monitoring Well Network Summary (**Figure 8**)

MUNDELL did not collect any groundwater samples from wells in the lower aquifer during the 1st quarter of 2014. However, the U.S. EPA provided data from wells screened within the lower aquifer. None of the groundwater samples that were analyzed contained concentrations of PCE or TCE above detection limits and only one well (MW-WES-08D) contained a detectable concentration of cis-1,2-DCE, though that concentration was below the IDEM RCG Tap Residential screening level.

Seven (7) of the nine (9) wells samples contained concentrations of VC exceeding the IDEM RCG Res VI-GWSL, two of which (MW-WES-8D and MW-WES-09D) exceeded the IDEM RCG C/I VI-GWSL. Those highest concentrations are located over 200 feet west (cross-gradient) of the western boundaries of ***Source Areas A and B***. The only two

wells below detection limits for VC were MW-WES-05c and MW-WES-04b, both of which are north of Michigan Street and west of Holt Road.

Based on the available analytical data and direction of groundwater flow, the detected impacts in the new U.S. EPA wells are consistent with previous impacts to the north and upgradient of that area as indicated in historical concentrations shown in the deeper portions of the lower aquifer in MW-165D and MW-166D and in monitoring well MW-167D approximately 100 feet east of those wells. The additional monitoring well installations in the lower and upper aquifer currently being completed during April 2014 (see Section 3.0) will provide additional evidence to confirm or deny this conclusion.

2.3 In-Situ Bioremediation Progress

Based upon:

1) The 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 CAP 18™ and CAP 18 ME™, followed by Monitored Natural Attenuation (MNA) is the appropriate remediation technology being used for the Site for treating groundwater, as detailed in the *RWP*. The initial CAP 18™ injection was performed in each of 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***. The anticipated downgradient migration of the initial CAP 18™ was expected to remediate the most significant groundwater impacts.

A booster CAP 18 ME™ injection was performed in February 2009 to aggressively treat some areas where the chemical concentrations began to stabilize or were decreasing at a slow rate. In July 2013, a third round of CAP 18 ME™ injections was performed in accordance with the *Second Revised Work Plan for the Third Round of CAP18 ME™ Injections,* approved by IDEM on June 3, 2013.

The cumulative groundwater analytical data for enhanced anaerobic bioremediation are included in **Table 5.** Groundwater analytical results are attached in **Appendix A**.

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 presented in **Figure 12** for the following monitoring wells:

Source Area A: MMW-P-02, MMW-P-03S, MMW-P-03D, MMW-P-04, MMW-P-11S, MMW-P-11DR, and MMW-C-01;

Source Area B: MMW-P-01, MMW-P-05, MMW-P-06, MMW-P-07, MMW-P-08, MMW-P-10S, MMW-P-10D, MMW-8S; MMW-P-12S, and MMW-P-12D; and

Source Area C: MMW-1S, MMW-9S, and MMW-10S.

Figures 12 and **13** illustrate the changes in the chlorinated solvent concentrations demonstrating reductive de-chlorination as a result of the CAP 18 ME™ remediation implementation. To illustrate the effect of the CAP 18 ME™ injections on dissolved chlorinated concentrations, injection dates are included on the graphs.

2.3.1 Source Area A

PCE

Though the concentration decreased since the previous quarter, the data associated with well MMW-P-11S shows that PCE concentrations in exceedance of the IDEM RCG C/I VI-GWSL are present south of the strip mall property in the shallow upper aquifer. This relationship is a good indicator of groundwater flow direction being to the south; if it were more to the southwest, PCE would also have been observed in MMW-P-13S/D. The PCE concentration decreased but remained above the IDEM RCG Res VI-GWSL in MMW-C-01. The PCE concentration decreased in MMW-P-02 for the second consecutive quarter after a spike in the 3rd quarter of 2013 and was below the laboratory reporting limit. PCE was not detected above the laboratory reporting limit in indicator wells MMW-P-03S, MMW-P-03D, MMW-P-04, and MMW-P-11DR located near ***Source Area A***. PCE concentrations had been generally declining to the southeast of the source area since the initial August 2007 CAP 18™ injections and the following February 2009 CAP 18 ME™ injections. However, the recent return of PCE in MMW-P-04 and MMW-C-01 during the first and second quarters of 2013 indicated that there may have been some rebounding occurring. The results from this quarter's sampling event indicate that the rebounding trend has ceased following the 3rd CAP 18 ME™ injection event, and PCE concentrations are decreasing.

TCE

TCE was not detected above the reporting limit in any ***Source Area A*** indicator wells.

Cis-1,2-DCE

The cis-1,2-DCE concentration was reported in exceedance of the RCG Tap Residential screening level in MMW-P-03S. Overall, concentrations increased MMW-P-02 and MMW-P-03S while decreasing in MMW-P-11S, MMW-P-11DR, and MMW-C-01. It was not detected above the reporting limit in MMW-P-03D and MMW-P-04.

VC

VC concentrations decreased in all but two of the ***Source Area A*** indicator wells: in MMW-P-02, where concentrations continued a slight increasing trend continued for the fourth consecutive quarter, and in MMW-P-11DR, where the concentration remained relatively unchanged. Both of those wells remained above the IDEM RCG C/I VI-GWSL. Concentrations exceeded the IDEM RCG C/I VI-GWSL in MMW-P-03S, MMW-P-03D, and MMW-P-11DR. Concentrations were above the Res VI-GWSL at MMW-P-11S and MMW-C-01. Despite decreases observed during the 4th quarter, the concentrations in MMW-P-03S and MMW-P-03D still remain elevated above levels previously observed in those locations. South of **Source Area A**, VC was detected for the second consecutive quarter in shallow well MMW-C-02S at a level above the IDEM RCG Res VI-GWSL, though the concentration has decreased. This detection is also another indication of groundwater flow direction being directed to the southeast from the source areas.

Area A Summary

Much of ***Source Area A*** is beginning to show positive trends following the most recent injections. MNA parameters indicating reducing conditions had previously been established over the years with associated sulfate reduction, increased ethene generation, and apparent methanogenesis (MMW-P-03S, MMW-P-04).

The increasing trend of PCE, TCE and cis-1,2-DCE previously observed in several of the wells appears to have reversed since the 3rd CAP 18 ME™ injection event. VFAs are now being detected in the wells. Low dissolved oxygen levels indicate a favorable environment for *Dehalococcoides,* bacteria populations which were injected during the July 2013 event, which should allow for additional de-chlorination of VC into ethene.

2.3.2 Source Area B

PCE

PCE concentrations decreased but remain at levels above the IDEM RCG Res VI-GWSL in the vicinity of MMW-P-01, located immediately downgradient of sewer line source areas identified during soil investigation activities completed during 2005. The PCE concentration in MMW-8S decreased for the third consecutive quarter and was below the laboratory detection limit after an increase in the second quarter of 2013. For the first time since 2008, PCE was reported in MMW-P-08, at a level above the IDEM RCG Res VI-GWSL. PCE was not detected in any of the other wells in ***Source Area B***.

TCE

TCE concentrations decreased slightly and remained above the IDEM RCG Res VI-GWSL at MMW-P-01. For the first time since 2008, TCE was observed in MMW-P-08 above the IDEM RCG Res VI-GWSL.TCE was not detected in any of the other wells in ***Source Area B***.

Cis-1,2-DCE

Cis-1,2-DCE concentrations were present at levels in exceedance of RCG Tap Residential levels in MMW-P-01, MMW-P-06, MMW-P-08, MMW-P-10D, MMW-P-12S, and MMW-P-12D. Overall, concentrations decreased in MMW-8S, MMW-P-01, MMW-P-06, MMW-P-12S, and MMW-P-12D while increasing in MMW-P-05 and MMW-P-07. Larger increases were also observed in MMW-P-08 and MMW-P-10D. Cis-1,2-DCE was not detected above laboratory reporting limits in MMW-P-10S.

VC

Elevated VC levels in exceedance of the IDEM RCG C/I VI-GWSL are identified in each indicator well, with the exception of MMW-P-10S, where the VC concentration was detected only above the IDEM RCG Res VI-GWSL. Moderate increases are noted in MMW-P-01 and MMW-P-12D, and MMW-P-08. Even greater increases were observed in MMW-P-07, MMW-P-08, and MMW-P-10D. MMW-P-12S and MMW-P-12D. Decreases are noted in MMW-8S, MMW-P-05, MMW-P-06, and MMW-P-12S.

Area B Summary

Over time, reductive de-chlorination processes have been successful in consuming PCE and TCE while generating daughter products (cis-1,2 DCE, VC). MNA indicator parameters also indicate reducing conditions have been established over the years and sulfate reduction and/or methanogenesis are

occurring (*e.g.*, MMW-P-06, MMW-P-08, MMW-P-10D). VFA are being generated through the fermentation of the CAP18 material. Ethene generation is ongoing or increasing in magnitude at MMW-P-01, MMW-P-06, MMW-P-08, and the MMW-P-12 wells. Rebounds of PCE and TCE levels in 2013 (MMW-8S) appear to have decreased since the CAP 18 ME™ injections in July 2013. Therefore, with reduced PCE/TCE parent compound available, continued reductions in cis-1,2 DCE and VC are expected.

2.3.3 Source Area C

PCE

The PCE concentration increased in all three indicator wells in ***Source Area C***. MMW-1S increased slightly and remained above the IDEM RCG C/I VI-GWSL. PCE also spiked in MMW-10S, where concentrations exceeded the IDEM RCG C/I VI-GWSL for the first time since the 2nd quarter of 2011. PCE also increased in MMW-9S, returning to a concentration above the IDEM RCG Res VI-GWSL for the first time since the July 2013 injections.

TCE

The TCE concentration increased in all three indicator wells in ***Source Area C***. MMW-1S increased slightly and remained above the IDEM RCG Res VI-GWSL. TCE also spiked in MMW-10S, where concentrations exceeded the IDEM RCG C/I VI-GWSL for the first time since the 2nd quarter of 2011. TCE also increased in MMW-9S, returning to a concentration above the IDEM RCG Res VI-GWSL for the first time since the July 2013 injections.

Cis-1,2-DCE

Cis-1,2-DCE concentrations were elevated and increased in all three indicator wells in ***Source Area C***. After decreasing during the 4th quarter of 2013, the cis-1,2-DCE concentration has reached its highest concentration since the 4th quarter of 2010 in MMW-1S.

VC

VC concentrations at ***Source Area C*** increased in MMW-9S and MMW-1S while decreasing in MMW-10S. VC levels were above the IDEM RCG Res VI-GWSL in all wells. The VC concentration in MMW-1S was slightly above the reporting limit.

Area C Summary

MNA indicator parameters also indicate reducing conditions have been established over the years with associated iron reduction (increased Fe^{+2}); sulfate reduction, ethene generation, and apparent methanogenesis (*e.g.*, see MMW-9S and MMW-10S). VFA are being generated through the fermentation of the CAP18 material. Detection of nitrite in MMW-1S suggests advanced anaerobic conditions as well. This area may still be developing the optimal geochemical characteristics needed for dechlorination to become more pronounced. Dissolved methane levels peaked in the fall of 2013 in the vicinity of MMW-1S. These levels have dropped noticeably since that time frame. Subsequently, VFA levels have increased. It is anticipated that by 2Q14 or 3Q14 the conditions for increased dechlorination and ethene generation will likely be present in this area.

Despite the recent spike in PCE and TCE at MMW-10S, the overall recent trend of decreasing PCE and TCE concentrations observed near ***Source Area C***, and the increasing rates of daughter product generation observed in the vicinity indicate that the most recent round of injections are successfully breaking down the parent compounds.

In conclusion, overall the most recent round of CAP 18 ME™ injections appears to have stimulated the reductive de-chlorination processes, as evidenced by decreasing PCE and TCE concentrations and increased generation of breakdown products (cis-1,2-DCE and VC). The concentration of the remaining PCE in the source areas is expected to continue to decline over the next several quarters. Concentrations of cis-1,2-DCE and VC continue to increase in the deep portion of the upper aquifer as the plume from the Genuine Site continues to migrate south.

The cumulative groundwater analytical data for enhanced anaerobic bioremediation are included in **Table 5.** Groundwater analytical results are attached in **Appendix A**.

2.4 Post-Injection Soil Gas Monitoring Results and Mitigation Response

2.4.1 Soil Gas Monitoring Activities

MUNDELL did not collect indoor ambient air samples during the 1st quarter of 2014. Cumulative analytical results for indoor air samples collected from the Apartments are summarized in **Table 6** (and are included in **Table 7** for methane). The historical analytical results indicate that methane concentrations in Basement Apartment 101 (Building 1) and Basement Apartment 201 (Building 2) are at low concentrations and do not pose a risk. Air samples collected from the apartment mitigation units (which represent basement subslab soil gas conditions) also indicate that methane is not

present beneath the basement slab at levels of safety concern. The air sample collected during the 4th quarter of 2013 from Building No. 2, which does not currently have an indoor air mitigation unit, did not contain concentrations of any cVOCs above laboratory detection limits.

MUNDELL continued to monitor the methane concentrations in the subsurface soil regularly during the 1st quarter. Field screening was conducted more frequently in response to the elevated concentrations observed during the previous quarter. The field screening and lab analytical results are summarized in **Table 7** for methane. Additional samples were collected from soil gas wells; cumulative cVOC and methane analytical results from all soil gas well samples are summarized in **Table 8**. Note that no sample could be collected from MGW-7S during the 1st quarter of 2014 because the well is installed in an area of dense clay which prevented the air canister from being able to draw sufficient soil gas for laboratory analysis.

Analytical results revealed that cVOCs remain a concern in the subsurface vadose zone soils as indicated by the soil gas results. In the most recent samples collected, PCE concentrations exceeded 2012 IDEM Remediation Closure Guide (RCG) screening levels in all of the gas wells with the exception of MGW-6S and MGW-6D. Concentrations exceeded the 2010 IDEM Draft Vapor Intrusion Pilot Program Guidance Supplement screening levels in MGW-7D, MGW-8D, MGW-9S/D, and MGW-10S. For reference, concentrations exceeded the U.S. EPA Indoor Air Guidance Levels in MGW-7D, MGW-8D, MGW-9S/D, and MGW-10S.

Concentrations of TCE exceeded IDEM RCG screening levels in MGW-7D, MGW-8S/D, MGW-9S/D, MGW-10S/D, and MGW-11D during the most recent sampling event. Concentrations also exceeded the 2010 IDEM Draft Vapor Intrusion Pilot Program Guidance Supplement screening level in MGW-7D and MGW-8D. For reference, concentrations exceeded the U.S. EPA Indoor Air Guidance Levels in MGW-7D, MGW-8S/D, and MGW-9S/D.

Concentrations of cis-1,2-DCE were below the U.S. EPA Indoor Air Guidance Level in all of the samples collected with exception to the sample collected from MGW-8D.

Detected concentrations of VC exceeded IDEM RCG screening levels in MGW-7D, MGW-8S/D and MGW-10S during the most recent sampling event. VC also exceeded the 2010 IDEM Draft Vapor Intrusion Pilot Program Guidance Supplement screening level in MGW-8D. For reference, concentrations exceeded the U.S. EPA Indoor Air Guidance Levels in MGW-8D. VC was below detection limits in MGW-7D and MGW-9S/D, but due to higher concentrations of other constituents, it could not be definitively stated that the concentration was below the screening levels.

Note that despite concentrations in soil gas well samples exceeding the U.S. EPA Indoor Air Guidance Levels, none of the most recent indoor air samples or mitigation system air samples collected exceeded these levels.

2.4.2 Mitigation Activities

Methane vapor screening concentrations were elevated on multiple occasions, in some cases exceeding 10% of the Lower Explosive Limit (LEL) and occasionally exceeding the LEL (MGW-8D and SVE-01). In response to the elevated methane concentrations, MUNDELL utilized a mobile SVE unit to draw vapor from the subsurface soil, venting the gas to the ambient air. In all instances, field measurements revealed that the SVE unit successfully lowered methane concentrations in the subsurface soil.

During the 1st quarter 2014 venting events at the Site, MUNDELL collected samples of the vapors for MEE and chlorinated hydrocarbon analysis as they passed through the SVE system (diluted with ambient outdoor air) prior to exhaust. Laboratory analytical reports are provided in **Appendix A**. The cumulative analytical results from all SVE air samples are summarized in **Table 9**. Note that the sample collected from SVE-2 in ***Source Area B*** on January 22, 2014 contained elevated levels of chlorinated COCs, indicating that the mobile SVE system is capable of removing vadose zone impacts that exist at the Site. The chlorinated COC concentrations observed in the sample from SVE-2 were much greater than any concentrations ever observed in samples collected anywhere else on Site, including those collected samples collected from the two nearest mitigation systems (B6 and B7) immediately after the systems were installed.

MUNDELL will continue to monitor methane concentrations and collect field screening readings regularly in the soil gas monitoring wells, providing weekly updates to IDEM regarding Site activities and progress. MUNDELL will also continue to respond as necessary to elevated methane concentrations by means of a mobile SVE unit, collecting air samples from the soil gas monitoring wells to evaluate the extent to which the SVE activities have helped mitigate the cVOC concentrations in the subsurface soil.

2.5 Indoor Air Mitigation System Performance

Four sub-floor slab depressurization units were installed at Michigan Plaza by *Air Quality Control (AQC)* under the oversight of MUNDELL in September 2006. Three additional sub-floor slab depressurization units were installed at the apartment complex 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 former Village Pantry (B1); 2) the veterinary clinic (B2); 3) the Arca de Salvacion (B3); and 4) the laundromat (Michigan Plaza Family Laundry) (B4). The systems installed at the Maple Creek Village 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 on **Figure 14**.

Since the time of installation, system stack air samples were collected weekly during October 2006, followed by bi-weekly sampling during November and December 2006, monthly throughout 4th quarter, 2006, 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 15** through **23.**

Note that during the 1st quarter 2014 sampling event, the flow meter in subfloor depressurization system B3 had a reading of 0 cubic feet per minute. It was determined that the system was not operating as a result of an electrical issue, which was addressed later in the quarter. For the sake of conservatively calculating the mass of pollutants removed during the quarter, it was assumed that the blower in unit B3 was off for one-half of the 1st quarter.

As of the end of the 1st quarter of 2014, approximately 32.05 *pounds* of total chlorinated solvents, including 19.15 *pounds* of PCE, have been removed at the *Maple Creek Village Apartments property* (subfloor depressurization systems B5, B6 and B7); and approximately 128.64 *pounds* of total chlorinated solvents, including 109.13 *pounds* of PCE have been removed at the *Michigan Plaza property* (subfloor depressurization systems B1, B2, B3 and B4). The associated calculations are provided in **Appendix D.** 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 0.015 parts per million vapor (PPMV) (derived from the J flag values for vinyl chloride concentrations below PQL) is used for calculation purposes.

After two consecutive quarters of relatively lower concentrations, the PCE concentration in B1 (Unit 3801) and B2 (Unit 3811) increased again to a level which is closer to that observed during the eleven quarters that preceded the recent period of elevated concentrations. The concentration in B3 (Unit 3819) remained low, continuing its overall decreasing trend. The PCE concentrations in mitigation system B4 decreased following an increase in the previous quarter, remaining at relatively low levels compared to historic highs.

The PCE concentration in B5 (Apartment Building No. 1) increased slightly, remaining at levels more typical of previous quarters after an increase observed during the first quarter of 2013. After not being sampled during the 4th quarter of 2013, the PCE concentration in B6 (Apartment Building No. 6) remained low. The PCE concentration in B7 (Apartment Building No. 10) remained at levels similar to the previous quarter.

Overall, the air mitigation systems have shown generally declining PCE concentrations; reductions of PCE concentrations by approximately 500 to 5000 ug/m^3 since air monitoring was initiated have been observed.

Recently, VC concentrations have been higher than previously observed in stack air samples from the each of mitigation systems at Michigan Plaza and the apartments. Vinyl chloride concentrations were largely non-detect through the fourth quarter of 2011, but elevated VC levels have been observed since. The historical vinyl chloride concentration trends and cumulative pounds of vinyl chloride removed by each of the systems (B1 through B7) are summarized in **Figures 24** through **32.** The Plaza mitigation systems previously showed spikes in vinyl chloride concentrations during the first quarter of 2012 and then spiked again in the fourth quarter of 2012 and the third quarter of 2013. Once again, the VC concentration in systems B1, B2, and B3 showed another slight spike during the 1st quarter of 2014. VC concentrations in the apartment systems (B5, B6, and B7) were all below method detection limits.

With respect to the sub-slab air VC increases in the Plaza mitigation systems, it is believed that this is another line of evidence of a pulse of groundwater containing elevated VC from the de-chlorination process that has migrated south-southeast from Source Area B and has reached the Plaza building.

The elevated VC levels observed in the sub-slab air of Apartment Buildings 1, 6, and 10 appear to correspond to elevated VC levels that are still being generated in groundwater in Source Area C, as is reflected in the indicator trend plot for MMW-10S in **Figure 12**. The VC in this area is currently in decline, which correlates with the reduced levels in the nearby apartment buildings.

It is believed by MUNDELL that the recent elevated VC sub-slab concentrations are the result of the ongoing degradation of PCE into its daughter products migrating further downgradient from ***Source Area B*** and reaching the southern end of the plaza building. The 3rd round of CAP 18 ME™ injections is expected to stimulate this degradation, and the associated addition of *Dehalococcoides* bacteria populations, which have been demonstrated to completely degrade parent cVOCs to ethene, is expected to help decrease VC concentrations. The bacteria were injected during the 3rd injection event along with the CAP 18 ME™. During this third sampling event following the injections, there have been continued instances of increased ethene concentrations observed in the groundwater samples collected (*e.g.*, MMW-1S, MMW-P-01, MMW-P-03S/D, MMW-P-11S, and MMW-P-12S/D). MUNDELL will continue to monitor these sub-slab concentration trends during quarterly system sampling. In the event that the VC concentrations are not decreasing at an acceptable rate, MUNDELL has proposed the use of a temporary SVE system to remove additional contaminants from the subsurface vadose zone soils. This contingency plan was described in the most recent RWP dated September 18, 2013 that has been submitted to IDEM and is currently in review.

3 .0 FUTURE ACTIONS

During the 2nd quarter of 2014, MUNDELL will advance soil borings at a total of eight (8) total locations throughout the Site and surrounding properties in order to address comments brought up during IDEM's review of the most recent RWP. The scope of work for this additional study was discussed and confirmed as acceptable during a meeting between MUNDELL and IDEM on March 27, 2014. Soil will be field screened with a PID and sampled to verify complete contaminant delineation. Soil will also be profiled and classified in order to supplement the existing lithological information at the Site. Wells are to be installed in the deep upper aquifer and lower aquifer in order to provide additional information about groundwater quality and flow at the Site. Boring logs and well construction diagrams will be included in the subsequent quarterly monitoring report.

MUNDELL will continue to conduct groundwater monitoring at the Site and provide results to IDEM on a quarterly basis. As specified in paragraph 5 of the March 22, 2013 IDEM *Review of Second Revised Work Plan for the Third Round of CAP18 ME Injections*, quarterly reports will be submitted approximately 60 days after the sampling event is completed.

MUNDELL will continue to monitor methane concentrations and collect field screening readings regularly in the soil gas monitoring wells while continuing to provide weekly updates to IDEM regarding Site activities and progress. MUNDELL will also collect air samples from the soil gas monitoring wells to evaluate the extent to which the SVE activities have helped mitigate the cVOC concentrations in the subsurface soil. As part of the annual air sampling plan, indoor air samples will be collected from the apartments and tenant spaces at Michigan Plaza, as well as the other soil gas wells on-Site during the 2nd quarter of 2014.

MUNDELL remains concerned about the Genuine Parts contamination that continues to migrate onto the Site. As set forth in Section 2.2.2, multiple monitoring wells upgradient of the Maple Creek Village and Michigan Plaza properties show cVOC concentrations at levels in excess of residential and commercial standards. Based on a review of the March 2012 ENVIRON report, VRP Tier II cleanup levels were established at the Genuine Parts site based upon the presumption that cleanup to Residential Cleanup Goals (RCGs) was not likely because of the presence of off-site sources (interpreted to mean source areas associated with Michigan Plaza). MUNDELL continues to point out that source areas associated with Michigan Plaza are located well to the south of the property boundary of the Genuine Parts facility. Accordingly, there appears to be no reason why Genuine Parts could not achieve RCGs at the aforementioned wells.

Nevertheless, if IDEM is not going to require a more thorough remedial response for the remaining groundwater impacts migrating from Genuine Parts onto the Maple Creek

Village property, concentrations coming onto the Maple Creek Village and passing into the remedial area for Michigan Plaza (*e.g*., in upgradient wells MMW-11D, MMW-13D, MMW-14D, MW-165D, MW-166D, MMW-4D and MMW-5D) will be used as 'background concentrations' that will aid in distinguishing between the Michigan Plaza source impacts and the Genuine Site impacts, and ultimately will be used to support the setting of target cleanup goals for the deeper portion of the surficial aquifer at the Michigan Plaza site.

Because of these continued elevated groundwater levels beneath most of the Apartments, MUNDELL recommends that IDEM require indoor air sampling of the Apartments near the north property line by Genuine to continue to confirm no indoor air impacts are resulting from the groundwater. The last indoor air sampling event for the Apartments to the north (Building No. 20) was completed by AMMH in October 2004.

MUNDELL will incorporate the findings of the planned monitoring well installation into a revised RWP that addresses the comments provided in the IDEM *Review of RWP* letter dated February 20, 2014. It is expected that a revised RWP will be submitted to IDEM for review during the second quarter of 2014.

TABLES

Table 1. Groundwater Level Measurements and Monitoring Well Construction Data

Table 2. Cumulative Groundwater Level Measurements

Table 3. Monitoring Well Groundwater Analytical Results – 4th Quarter 2013

Table 4. Cumulative Monitoring Well Groundwater Analytical Results

Table 5. Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation

Table 6. Cumulative Air Sampling Analytical Results – Apartments (TO-3 and TO-15 SIM Analysis)

Table 7. Cumulative Methane Field Measurements and Laboratory Analytical Results

Table 8. Cumulative Soil Gas Well Analytical Results (TO-3 and TO-15 SIM Analysis)

Table 9. Cumulative Air Sampling Analytical Results – SVE System Active Venting (AM20GAX and AM4.02 Vapors Analysis)

Table 1
Groundwater Level Measurements and Monitoring Well Construction Data
Quarter 1 - 2014
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)	Screened Interval (feet)			Depth To Water (feet)	Groundwater Elevation (feet MSL)
Monitoring Wells (Plaza)								
Shallow Upper Aquifer Wells								
MMW-P-01	2/24/2014	715.26	28	18.0	-	28.0	18.27	696.99
MMW-P-02	2/24/2014	716.09	30	20.0	-	30.0	19.15	696.94
MMW-P-03S	2/24/2014	715.95	28	18.0	-	28.0	19.04	696.91
MMW-P-04	2/24/2014	716.04	28	18.0	-	28.0	18.94	697.10
MMW-P-05	2/24/2014	715.55	28	18.0	-	28.0	19.62	695.93
MMW-P-06	2/24/2014	716.14	28	18.0	-	28.0	19.12	697.02
MMW-P-07	2/24/2014	714.90	28	18.0	-	28.0	17.58	697.32
MMW-P-08	2/24/2014	714.53	28	18.0	-	28.0	17.18	697.35
MMW-P-09S	2/24/2014	714.80	28	18.0	-	28.0	18.85	695.95
MMW-P-10S	2/24/2014	714.35	28	18.0	-	28.0	17.06	697.29
MMW-P-12S	2/24/2014	715.83	26	16.0	-	26.0	17.92	697.91
Deep Upper Aquifer Wells								
MMW-P-03D	2/24/2014	716.02	35	25.0	-	35.0	19.00	697.02
MMW-P-09D	2/24/2014	714.82	45	35.0	-	45.0	18.79	696.03
MMW-P-10D	2/24/2014	714.42	38	28.0	-	38.0	17.33	697.09
MMW-P-12D	2/24/2014	715.33	36.5	31.5	-	36.5	17.35	697.98
Monitoring Wells (Apartments)								
Shallow Upper Aquifer Wells								
MMW-1S	2/24/2014	712.92	20	10.0	-	20.0	14.77	698.15
MMW-2S	2/24/2014	712.95	20	10.0	-	20.0	14.91	698.04
MMW-3S	2/24/2014	710.20	30	18.0	-	28.0	12.08	698.12
MMW-7S	2/24/2014	712.09	26	12.0	-	22.0	13.64	698.45
MMW-8S	2/24/2014	714.24	24	14.0	-	24.0	16.26	697.98
MMW-9S	2/24/2014	713.71	25	15.0	-	25.0	16.46	697.25
MMW-10S	2/24/2014	712.69	25	15.0	-	25.0	15.54	697.15
MMW-11S	2/24/2014	713.17	24	14.0	-	24.0	15.41	697.76
MMW-12S	2/24/2014	712.15	24	14.0	-	24.0	14.61	697.54
MMW-15S	2/24/2014	713.36	32	22.0		32.0	15.23	698.13
Deep Upper Aquifer Wells								
MMW-4D	2/24/2014	711.29	66	56.0	-	66.0	13.07	698.22
MMW-5D	2/24/2014	711.27	51	36.0	-	46.0	12.95	698.32
MMW-6D	2/24/2014	712.40	51	39.0	-	49.0	14.03	698.37
MMW-11D	2/24/2014	713.33	33	23.0	-	33.0	15.24	698.09
MMW-13D	2/24/2014	713.28	50	35.0	-	50.0	15.22	698.06
MMW-14D	2/24/2014	712.41	50	40.0	-	50.0	14.39	698.02
MMW-15D	2/24/2014	713.08	39	34.0		39.0	14.95	698.13

Table 1
Groundwater Level Measurements and Monitoring Well Construction Data
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
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Monitoring Well	Date of Water Level	Top of Casing Elevation (feet MSL)	Total Depth (feet)	Screened Interval (feet)			Depth To Water (feet)	Groundwater Elevation (feet MSL)
Floral Park Cemetery Monitoring Wells (Off-Site)								
Shallow Upper Aquifer Wells								
MMW-C-01	2/24/2014	715.73	28	18.0	-	28.0	18.79	696.94
MMW-C-02S	2/24/2014	714.64	28	18.0	-	28.0	18.21	696.43
MMW-C-16S	2/24/2014	717.32	25.9	15.9	-	25.9	20.66	696.66
MMW-P-11S	2/24/2014	716.42	26	16.0	-	26.0	19.50	696.92
MMW-P-13S	2/24/2014	713.83	26	16.0	-	26.0	16.86	696.97
MMW-P-14S	2/24/2014	714.50	28	18.0	-	28.0	17.76	696.74
Deep Upper Aquifer Wells								
MMW-C-02D	2/24/2014	713.90	36	31.0	-	36.0	17.44	696.46
MMW-C-16D	2/24/2014	717.27	40	35.0	-	40.0	20.62	696.65
MMW-C-17D	2/24/2014	714.57	38.7	33.7	-	38.7	19.33	695.24
MMW-P-11DR	2/24/2014	715.63	33	28.0	-	33.0	18.72	696.91
MMW-P-13D	2/24/2014	713.57	33	28.0	-	33.0	16.61	696.96
MMW-P-14D	2/24/2014	714.76	34	29.0	-	34.0	18.04	696.72
ENVIRON Monitoring Wells (Off-Site)								
Shallow Upper Aquifer Wells								
MW-166S	2/24/2014	712.70	20	10.0		20.0	14.44	698.26
MW-167S	2/24/2014	716.07	22	12.0	-	22.0	17.87	698.20
MW-168S	2/24/2014	714.58	22	12.0	-	22.0	17.24	697.34
MW-169S	2/24/2014	715.92	25	15.0	-	25.0	19.14	696.78
MW-170S	2/24/2014	717.14	27	17.0	-	27.0	19.97	697.17
MW-171S	2/24/2014	711.58	22	12.0	-	22.0	14.90	696.68
MW-174S	2/24/2014	717.78	24	14.0		24.0	19.90	697.88
MW-175S	2/24/2014	718.66	25	15.0		25.0	20.73	697.93
Deep Upper Aquifer Wells								
MW-165D	2/24/2014	712.19	47	42.0	-	47.0	13.62	698.57
MW-167D	2/24/2014	715.61	33	28.0	-	33.0	17.46	698.15
MW-168D	2/24/2014	714.46	31	26.0	-	31.0	17.17	697.29
MW-169D	2/24/2014	715.69	37	32.0	-	37.0	19.15	696.54
MW-170D	2/24/2014	717.07	39	34.0	-	39.0	19.93	697.14
MW-174D	2/24/2014	717.72	48	43.0	-	48.0	19.84	697.88
MW-175D	2/24/2014	718.75	41	37.0	-	42.0	20.63	698.12
Lower Aquifer Wells								
MW-166D	2/24/2014	712.49	51	46.0	-	51.0	14.21	698.28
MW-171D	2/24/2014	711.62	49	44.0	-	49.0	15.31	696.31

Table 1

Groundwater Level Measurements and Monitoring Well Construction Data
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Monitoring Well	Date of Water Level	Top of Casing Elevation (feet MSL)	Total Depth (feet)	Screened Interval (feet)			Depth To Water (feet)	Groundwater Elevation (feet MSL)
U.S. EPA Monitoring Wells (Off-Site)								
Shallow Upper Aquifer Wells								
MW-WES-01a	2/24/2014	716.13	37.5	32.5	-	37.5	18.81	697.32
MW-WES-02a	2/24/2014	716.24	29	24	-	29	18.70	697.54
MW-WES-03a	2/24/2014	717.42	35	30	-	35	20.89	696.53
MW-WES-04a	2/24/2014	717.85	35	30	-	35	NG	NG
MW-WES-05a	2/24/2014	717.04	25	20	-	25	17.86	699.18
Deep Upper Aquifer Wells								
MW-WES-01b	2/24/2014	716.05	46	41	-	46	19.06	696.99
MW-WES-02b	2/24/2014	716.28	40	35	-	40	19.08	697.20
MW-WES-03b	2/24/2014	717.41	45	40	-	45	20.90	696.51
MW-WES-04b	2/24/2014	717.37	45	40	-	45	19.67	697.70
MW-WES-05b	2/24/2014	716.60	37.5	32.5	-	37.5	18.39	698.21
MW-WES-06S	2/24/2014	713.57	30	25.0		30.0	16.42	697.15
MW-WES-08S	2/24/2014	715.85	32.5	27.5		32.5	17.68	698.17
MW-WES-09S	2/24/2014	713.91	33.5	28.5		33.5	16.63	697.28
Lower Aquifer Wells								
MW-WES-01c	2/24/2014	715.96	55	50	-	55	19.00	696.96
MW-WES-02c	2/24/2014	716.23	50	40	-	50	18.98	697.25
MW-WES-05c	2/24/2014	715.95	50	45	-	50	18.81	697.14
MW-WES-06D	2/24/2014	713.67	49	44		49	16.18	697.49
MW-WES-07	2/24/2014	716.22	48	43		48	19.16	697.06
MW-WES-08D	2/24/2014	715.97	50	45		50	18.03	697.94
MW-WES-09D	2/24/2014	713.63	45	40		45	16.07	697.56
Little Eagle Creek Stream Gauge Locations								
Location ID	**Date of Water Level**	**Top of Stream Gauge Elevation (Feet MSL)**					**Water Surface Gauge Elevation (Feet MSL)**	**Water Surface Elevation (Feet MSL)**
SG-1	2/24/2014	719.82					22.10	697.72
SG-2	2/24/2014	718.36					22.49	695.87

Notes:

1) MMW-15S, MMW-15D, MMW-P-11DR, MMW-P-14S, MMW-P-14D, MMW-C-02S, and MMW-C02D surveyed December 2011 (MUNDELL subcontractor).

2) MMW-C-16S, MMW-C-16D, and MMW-C-17D surveyed November 2012 (MUNDELL subcontractor).

3) SG-1 and SG-2 surveyed August 2013 (MUNDELL subcontractor).

4) MW-WES-06 through WES-09 well set surveyed by EPA subcontractor February 2014.

5) All other Top of Casing (TOC) data was obtained from or referenced to the Unified U.S. EPA Elevation Survey completed on October 13, 2011.

6) NG = Not Gauged.

Table 2
Cumulative Water Level Measurements
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3801-3823 West Michigan Street
Indianapolis, Indiana
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
Monitoring Wells (Plaza)									
Shallow Wells									
MMW-P-01	9/28/2005	715.79	28	18.0	28.0	11/7/2005		19.51	696.28
						2/21/2007		18.17	697.62
						6/14/2007		18.95	696.84
						9/19/2007		19.69	696.10
						12/12/2007		19.13	696.66
						3/21/2008		17.45	698.34
						6/2/2008		17.91	697.88
						9/9/2008		19.27	696.52
						11/20/2008		19.68	696.11
						3/17/2009		19.09	696.70
						6/15/2009		17.44	698.35
		714.903				8/5/2009		17.91	696.99
						11/2/2009		19.07	695.83
						2/3/2010		19.29	695.61
						4/20/2010		18.80	696.10
						7/20/2010		18.06	696.84
						10/11/2010		19.82	695.08
						1/17/2011		19.77	695.13
		715.26				4/28/2011		16.91	698.35
						9/27/2011		19.06	696.20
						10/17/2011		19.71	695.55
						1/18/2012		18.59	696.67
						4/23/2012		17.95	697.31
						7/30/2012		20.06	695.20
						11/12/2012		19.04	696.22
						3/1/2013		18.26	697.00
						5/16/2013		17.51	697.75
						9/17/2013		19.75	695.51
						11/11/2013		18.45	696.81
						2/24/2014		18.27	696.99

Table 2
Cumulative Water Level Measurements
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-02	9/27/2005	716.70	30	20.0	30.0	11/7/2005		20.78	695.92
						2/21/2007		19.13	697.57
						6/14/2007		19.96	696.74
						9/19/2007		20.90	695.80
						12/12/2007		20.42	696.28
						3/21/2008		18.61	698.10
						6/2/2008		19.05	697.65
						9/9/2008		20.41	696.29
						11/20/2008		20.91	695.79
						3/17/2009		20.19	696.51
						6/15/2009		18.38	698.32
		715.686				8/5/2009		18.85	696.84
						11/2/2009		20.19	695.50
						2/3/2010		20.29	695.40
						4/20/2010		19.72	695.97
						7/20/2010		18.92	696.77
						10/11/2010		20.88	694.81
		716.09				1/17/2011		20.78	695.31
						4/28/2011		17.79	698.30
						9/27/2011		20.25	695.84
						10/17/2011		19.78	696.31
						1/18/2012		19.58	696.51
						4/23/2012		19.92	696.17
						7/30/2012		21.11	694.98
						11/12/2012		20.11	695.98
						3/1/2013		19.21	696.88
						5/16/2013		18.20	697.89
						9/17/2013		20.81	695.28
						11/11/2013		20.52	695.57
						2/24/2014		19.15	696.94

Table 2
Cumulative Water Level Measurements
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Indianapolis, Indiana
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-03S	9/26/2005	716.55	28	18.0	28.0	11/7/2005		20.60	695.95
						2/21/2007		19.03	697.52
						6/14/2007		19.79	696.76
						9/19/2007		20.79	695.76
						12/12/2007		20.19	696.36
						3/21/2008		18.39	698.16
						6/2/2008		18.88	697.67
						9/9/2008		20.21	696.34
						11/20/2008		20.73	695.82
						3/17/2009		20.05	696.50
						6/15/2009		18.25	698.30
		715.60				8/5/2009		18.70	696.90
						11/2/2009		18.70	696.90
						2/3/2010		20.20	695.40
						4/20/2010		19.65	695.95
						7/20/2010		18.85	696.75
						10/11/2010		20.75	694.85
		715.95				1/17/2011		20.65	695.30
						4/28/2011		17.68	698.27
						9/27/2011		20.05	695.90
						10/17/2011		20.65	695.30
						1/18/2012		19.47	696.48
						4/23/2012		19.83	696.12
						7/30/2012		20.99	694.96
						11/12/2012		19.98	695.97
						3/1/2013		19.10	696.85
						5/16/2013		18.16	697.79
						9/17/2013		20.69	695.26
						11/11/2013		20.40	695.55
						2/24/2014		19.04	696.91

Table 2
Cumulative Water Level Measurements
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-04	9/26/2005	716.27	28	18.0	28.0	11/7/2005		20.27	696.00
						2/21/2007		18.77	697.50
						6/14/2007		19.51	696.76
						9/19/2007		20.49	695.78
						12/12/2007		23.33	692.94
						3/21/2008		18.52	697.75
						6/2/2008		18.94	697.33
						9/9/2008		20.58	695.69
						11/20/2008		20.90	695.37
						3/17/2009		19.76	696.51
						6/15/2009		18.01	698.26
		715.492				8/5/2009		18.90	696.59
						11/2/2009		19.91	695.58
						2/3/2010		NG	
						4/20/2010		19.56	695.93
						7/20/2010		18.75	696.74
						10/11/2010		20.65	694.84
		716.04				1/17/2011		20.42	695.62
						4/28/2011		17.54	698.50
						9/27/2011		19.90	696.14
						10/17/2011		20.58	695.46
						1/18/2012		19.36	696.68
						4/23/2012		19.75	696.29
						7/30/2012		20.88	695.16
						11/12/2012		19.86	696.18
						3/1/2013		19.03	697.01
						5/16/2013		18.11	697.93
						9/17/2013		20.58	695.46
						11/11/2013		20.28	695.76
						2/24/2014		18.94	697.10

Table 2
Cumulative Water Level Measurements
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-05	9/26/2005	716.12	28	18.0	28.0	11/7/2005		19.99	696.13
						2/21/2007		18.58	697.54
						6/14/2007		19.31	696.81
						9/19/2007		20.14	695.98
						12/12/2007		19.57	696.55
						3/21/2008		17.92	698.20
						6/2/2008		18.34	697.78
						9/9/2008		19.67	696.45
						11/20/2008		20.14	695.98
						3/17/2009		19.52	696.60
						6/15/2009		18.83	697.29
		715.17				8/5/2009		18.21	696.96
						11/2/2009		19.44	695.73
						2/3/2010		19.64	695.53
						4/20/2010		19.16	696.01
						7/20/2010		18.40	696.77
						10/11/2010		20.19	694.98
		715.55				1/17/2011		20.09	695.46
						4/28/2011		17.20	698.35
						9/27/2011		19.42	696.13
						10/17/2011		20.11	695.44
						1/18/2012		18.95	696.60
						4/23/2012		19.29	696.26
						7/30/2012		20.42	695.13
						11/12/2012		19.41	696.14
						3/1/2013		18.59	696.96
						5/16/2013		17.83	697.72
						9/17/2013		20.11	695.44
						11/11/2013		19.82	695.73
						2/24/2014		19.62	695.93

Table 2
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-06	9/28/2005	716.50	28	18.0	28.0	11/7/2005		20.42	696.08
						2/21/2007		18.94	697.56
						6/14/2007		19.70	696.80
						9/19/2007		20.57	695.93
						12/12/2007		20.06	696.44
						3/21/2008		18.34	698.16
						6/2/2008		18.44	698.06
						9/9/2008		20.08	696.42
						11/20/2008		20.57	695.93
						3/17/2009		19.91	696.59
						6/15/2009		18.17	698.33
		715.721				8/5/2009		19.81	695.91
						11/2/2009		20.05	695.67
						2/3/2010		20.24	695.48
						4/20/2010		19.72	696.00
						7/20/2010		18.95	696.77
		716.14				10/11/2010		20.77	695.37
						1/17/2011		20.67	695.47
						4/28/2011		17.76	698.38
						9/27/2011		20.05	696.09
						10/17/2011		20.69	695.45
						1/18/2012		19.52	696.62
						4/23/2012		19.89	696.25
						7/30/2012		21.01	695.13
						11/12/2012		20.02	696.12
						3/1/2013		19.15	696.99
						5/16/2013		18.32	697.82
						9/17/2013		20.71	695.43
						11/11/2013		20.43	695.71
						2/24/2014		19.12	697.02

Table 2
Cumulative Water Level Measurements
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-07	1/11/2007	715.30	28	18.0	28.0	2/21/2007		17.48	697.82
						6/14/2007		18.20	697.10
						9/19/2007		18.84	696.46
						12/12/2007		18.17	697.13
						3/21/2008		16.69	698.61
						6/2/2008		17.00	698.30
						9/9/2008		18.29	697.01
						11/20/2008		18.56	696.74
						3/17/2009		18.10	697.20
						6/15/2009		16.54	698.76
		714.471				8/5/2009		17.40	697.07
						11/2/2009		18.19	696.28
						2/3/2010		18.46	696.01
						4/20/2010		18.07	696.40
						7/20/2010		17.35	697.12
						10/11/2010		19.16	695.31
		714.9				1/17/2011		19.10	695.80
						4/28/2011		16.33	698.57
						9/27/2011		18.25	696.65
						10/17/2011		19.02	695.88
						1/18/2012		17.89	697.01
						4/23/2012		18.17	696.73
						7/30/2012		19.41	695.49
						11/12/2012		18.31	696.59
						3/1/2013		17.48	697.42
						5/16/2013		16.86	698.04
						9/17/2013		19.01	695.89
						11/11/2013		18.55	696.35
						2/24/2014		17.58	697.32

Table 2
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-08	1/11/2007	715.22	28	18.0	28.0	2/21/2007		17.33	697.89
						6/14/2007		18.09	697.13
						9/19/2007		18.61	696.61
						12/12/2007		18.03	697.19
						3/21/2008		16.44	698.78
						6/2/2008		16.85	698.37
						9/9/2008		18.18	697.04
						11/20/2008		18.42	696.80
						3/17/2009		17.99	697.23
						6/15/2009		16.50	698.72
		714.142				8/5/2009		17.03	697.11
						11/2/2009		17.80	696.34
						2/3/2010		18.09	696.05
						4/20/2010		17.74	696.40
						7/20/2010		17.01	697.13
						10/11/2010		18.60	695.54
		714.53				1/17/2011		18.48	696.05
						4/28/2011		15.90	698.63
						9/27/2011		17.79	696.74
						10/17/2011		18.45	696.08
						1/18/2012		17.51	697.02
						4/23/2012		17.80	696.73
						7/30/2012		18.86	695.67
						11/12/2012		17.93	696.60
						3/1/2013		17.14	697.39
						5/16/2013		16.61	697.92
						9/17/2013		18.53	696.00
						11/11/2013		18.17	696.36
						2/24/2014		17.18	697.35

Table 2
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-09S	1/29/2007	715.36	28	18.0	28.0	2/21/2007		18.94	696.42
						6/14/2007		19.59	695.77
						9/19/2007		20.17	695.19
						12/12/2007		19.98	695.38
						3/21/2008		18.60	696.76
						6/2/2008		18.65	696.71
						9/9/2008		20.05	695.31
						11/20/2008		20.44	694.92
						3/17/2009		18.02	697.34
						6/15/2009		18.20	697.16
		714.477				8/5/2009		19.05	695.43
						11/2/2009		19.90	694.58
						2/3/2010		19.94	694.54
						4/20/2010		19.47	695.01
						7/20/2010		18.87	695.61
						10/11/2010		20.47	694.01
		714.80				1/17/2011		20.37	694.43
						4/28/2011		17.67	697.13
						9/27/2011		19.99	694.81
						10/17/2011		20.43	694.37
						1/18/2012		19.36	695.44
						4/23/2012		20.35	694.45
						7/30/2012		20.67	694.13
						11/12/2012		19.90	694.90
						3/1/2013		19.04	695.76
						5/16/2013		18.28	696.52
						9/17/2013		20.44	694.36
						11/11/2013		20.19	694.61
						2/24/2014		18.85	695.95
MMW-P-10S	6/1/2007	714.59	28	18.0	28.0	6/14/2007		17.70	696.89
						9/19/2007		18.30	696.29
						12/12/2007		17.58	697.01
						3/21/2008		15.65	698.94
						6/2/2008		16.56	698.03
						9/9/2008		17.79	696.80
						11/20/2008		18.12	696.47
						3/17/2009		17.82	696.77
						6/15/2009		16.50	698.09
		713.941				8/5/2009		16.65	697.29
						11/2/2009		17.76	696.18
						2/3/2010		18.28	695.66
						4/20/2010		17.69	696.25
						7/20/2010		16.86	697.08
						10/11/2010		18.58	695.36
		714.35				1/17/2011		18.46	695.89
						4/28/2011		15.56	698.79
						9/27/2011		17.41	696.94
						10/17/2011		18.39	695.96
						1/18/2012		17.15	697.20
						4/23/2012		17.84	696.51
						7/30/2012		18.81	695.54
						11/12/2012		17.48	696.87
						3/1/2013		17.03	697.32
						5/16/2013		16.85	697.50
						9/17/2013		18.76	695.59
						11/11/2013		18.14	696.21
						2/24/2014		17.06	697.29

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-12S	9/1/2011	715.83	26	16.0	26.0	10/17/2011		19.20	696.63
						1/18/2012		18.36	697.47
						4/23/2012		18.68	697.15
						7/30/2012		19.54	696.29
						11/12/2012		18.71	697.12
						3/1/2013		17.95	697.88
						5/16/2013		17.49	698.34
						9/17/2013		19.28	696.55
						11/11/2013		18.90	696.93
						2/24/2014		17.92	697.91
Deep Wells									
MMW-P-03D	9/27/2005	716.45	35	25.0	35.0	11/7/2005		20.49	695.96
						2/21/2007		18.93	697.52
						6/14/2007		19.70	696.75
						9/19/2007		20.63	695.82
						12/12/2007		20.10	696.35
						3/21/2008		18.28	698.17
						6/2/2008		18.77	697.68
						9/9/2008		20.13	696.32
						11/20/2008		20.61	695.84
						3/17/2009		19.94	696.51
						6/15/2009		18.15	698.30
		715.582				8/5/2009		18.71	696.87
						11/2/2009		20.06	695.52
						2/3/2010		20.20	695.38
						4/20/2010		19.63	695.95
						7/20/2010		18.84	696.74
						10/11/2010		20.75	694.83
		716.02				1/17/2011		20.66	695.36
						4/28/2011		17.70	698.32
						9/27/2011		20.07	695.95
						10/17/2011		20.70	695.32
						1/18/2012		19.47	696.55
						4/23/2012		19.84	696.18
						7/30/2012		21.01	695.01
						11/12/2012		19.99	696.03
						3/1/2013		19.11	696.91
						5/16/2013		18.18	697.84
						9/17/2013	20.70 (CAP18)	22.70	695.18*
						11/11/2013		20.24	695.78
						2/24/2014		19.00	697.02

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-09D	5/31/2007	715.21	45	35.0	45.0	6/14/2007		19.40	695.81
						9/19/2007		20.35	694.86
						12/12/2007		19.76	695.45
						3/21/2008		18.33	696.88
						6/2/2008		18.48	696.73
						9/9/2008		19.84	695.37
						11/20/2008		20.25	694.96
						3/17/2009		19.62	695.59
						6/15/2009		18.04	697.17
		714.394				8/5/2009		18.95	695.44
						11/2/2009		19.82	694.57
						2/3/2010		19.92	694.47
						4/20/2010		19.44	694.95
						7/20/2010		18.85	695.54
						10/11/2010		20.42	693.97
		714.82				1/17/2011		20.39	694.43
						4/28/2011		17.64	697.18
						9/27/2011		19.93	694.89
						10/17/2011		20.39	694.43
						1/18/2012		19.27	695.55
						4/23/2012		20.30	694.52
						7/30/2012		20.67	694.15
						11/12/2012		19.83	694.99
						3/1/2013		19.01	695.81
						5/16/2013		18.26	696.56
						9/17/2013		20.40	694.42
						11/11/2013		20.14	694.68
						2/24/2014		18.79	696.03
MMW-P-10D	6/1/2007	714.98	38	28.0	38.0	6/14/2007		18.09	696.89
						9/19/2007		18.69	696.29
						12/12/2007		17.95	697.03
						3/21/2008		16.39	698.59
						6/2/2008		17.01	697.97
						9/9/2008		18.24	696.74
						11/20/2008		18.67	696.31
						3/17/2009		18.21	696.77
						6/15/2009		16.74	698.24
		714.05				8/5/2009		16.90	697.15
						11/2/2009		18.00	696.05
						2/3/2010		18.06	695.99
						4/20/2010		17.95	696.10
						7/20/2010		17.21	696.84
						10/11/2010		18.74	695.31
		714.42				1/17/2011		18.63	695.79
						4/28/2011		16.00	698.42
						9/27/2011		17.91	696.51
						10/17/2011		18.62	695.80
						1/18/2012		17.52	696.90
						4/23/2012		17.99	696.43
						7/30/2012		19.00	695.42
						11/12/2012		17.86	696.56
						3/1/2013		17.31	697.11
						5/16/2013		16.48	697.94
						9/17/2013		18.52	695.90
						11/11/2013		18.42	696.00
						2/24/2014		17.33	697.09

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-12D	9/1/2011	715.33	36.5	31.5	36.5	10/17/2011		18.65	696.68
						1/18/2012		17.77	697.56
						4/23/2012		18.09	697.24
						7/30/2012		19.02	696.31
						11/12/2012		18.11	697.22
						3/1/2013		17.38	697.95
						5/16/2013		16.97	698.36
						9/17/2013		18.73	696.60
						11/11/2013		18.34	696.99
						2/24/2014		17.35	697.98
Monitoring Wells (Apartments)									
Shallow Wells									
MMW-1S	8/20/2004	713.66	20	10.0	20.0	9/10/2004		16.21	697.45
						2/21/2007		15.39	698.27
						6/14/2007		15.97	697.69
						9/19/2007		16.36	697.30
						12/12/2007		15.68	697.98
						3/21/2008		14.15	699.51
						6/2/2008		14.80	698.86
						9/9/2008		16.09	697.57
						11/20/2008		16.38	697.28
						3/17/2009		16.17	697.49
						6/15/2009		14.76	698.90
		712.54				8/5/2009		14.99	697.55
						11/2/2009		15.73	696.81
						2/3/2010		16.13	696.41
						4/20/2010		15.91	696.63
						7/20/2010		15.36	697.18
						10/11/2010		16.55	695.99
		712.92				1/17/2011		16.41	696.51
						4/28/2011		14.02	698.90
						9/27/2011		15.70	697.22
						10/17/2011		16.41	696.51
						1/18/2012		15.58	697.34
						4/23/2012		16.00	696.92
						7/30/2012		16.80	696.12
						11/12/2012		15.91	697.01
						3/1/2013		15.26	697.66
						5/16/2013		15.19	697.73
						9/17/2013		16.55	696.37
						11/11/2013		16.15	696.77
						2/24/2014		14.77	698.15

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-2S	8/20/2004	713.43	20	10.0	20.0	9/10/2004		15.56	697.87
						2/21/2007		14.79	698.64
						6/2/2008		14.20	699.23
						6/15/2009		14.19	699.24
		712.588				11/2/2009		DRY	
						2/3/2010		NG	
						4/20/2010		NG	
						7/20/2010		14.91	697.68
						10/11/2010		NG	
		712.95				1/17/2011		NG	
						4/28/2011		13.66	699.29
						9/27/2011		15.38	697.57
						10/17/2011		14.98	697.97
						1/18/2012		15.32	697.63
						4/23/2012		15.69	697.26
						7/30/2012		NG	
						11/12/2012		NG	
						3/1/2013		14.93	698.02
						5/16/2013		14.81	698.14
						9/17/2013		16.09	696.86
						11/11/2013		15.83	697.12
						2/24/2014		14.91	698.04
MMW-3S	8/26/2004	711.58	30	20.0	30.0	9/10/2004		12.21	699.37
						2/21/2007		11.63	699.95
						6/2/2008		11.60	699.98
						6/15/2009		11.80	699.78
		709.763				11/2/2009		12.37	697.39
						2/3/2010		12.70	697.06
						4/20/2010		12.70	697.06
						7/20/2010		12.15	697.61
						10/11/2010		13.09	696.67
		710.20				1/17/2011		12.89	697.31
						4/28/2011		10.74	699.46
						9/27/2011		12.18	698.02
						10/17/2011		12.93	697.27
						1/18/2012		11.34	698.86
						4/23/2012		12.78	697.42
						7/30/2012		13.24	696.96
						11/12/2012		11.71	698.49
						3/1/2013		12.09	698.11
						5/16/2013		12.43	697.77
						9/17/2013		13.01	697.19
						11/11/2013		12.68	697.52
						2/24/2014		12.08	698.12

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-7S	8/24/2004	712.35	26	16.0	26.0	9/10/2004		13.99	698.36
						2/21/2007		13.37	698.98
						6/2/2008		13.02	699.33
						6/15/2009		13.08	699.27
		711.64				11/2/2009		13.81	697.83
						2/3/2010		14.29	697.35
						4/20/2010		14.10	697.54
						7/20/2010		13.62	698.02
						10/11/2010		14.66	696.98
		712.09				1/17/2011		NG	
						4/28/2011		12.25	699.84
						9/27/2011		13.86	698.23
						10/17/2011		14.53	697.56
						1/18/2012		13.31	698.78
						4/23/2012		14.31	697.78
						7/30/2012		14.88	697.21
						11/12/2012		13.63	698.46
						3/1/2013		13.68	698.41
						5/16/2013		13.72	698.37
						9/17/2013		14.67	697.42
						11/11/2013		14.42	697.67
						2/24/2014		13.64	698.45
MMW-8S	1/11/2007	714.75	24	14.0	24.0	2/21/2007		16.44	698.31
						6/14/2007		16.94	697.81
						9/19/2007		17.41	697.34
						12/12/2007		16.78	697.97
						3/21/2008		15.31	699.44
						6/2/2008		15.74	699.01
						9/9/2008		16.96	697.79
						11/20/2008		17.28	697.47
						3/17/2009		16.92	697.83
						6/15/2009		15.61	699.14
		713.81				8/5/2009		15.97	697.84
						11/2/2009		16.80	697.01
						2/3/2010		17.15	696.66
						4/20/2010		16.88	696.93
						7/20/2010		16.27	697.54
						10/11/2010		17.60	696.21
		714.24				1/17/2011		17.46	696.78
						4/28/2011		15.10	699.14
						9/27/2011		16.82	697.42
						10/17/2011		17.46	696.78
						1/18/2012		16.60	697.64
						4/23/2012		17.01	697.23
						7/30/2012		17.25	696.99
						11/12/2012		16.92	697.32
						3/1/2013		16.29	697.95
						5/16/2013		16.04	698.20
						9/17/2013		17.56	696.68
						11/11/2013		17.22	697.02
						2/24/2014		16.26	697.98

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			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-9S	1/12/2007	714.09	25	15.0	25.0	2/21/2007		16.30	697.79
						6/14/2007		17.01	697.08
						9/19/2007		17.45	696.64
						12/12/2007		16.45	697.64
						3/21/2008		15.19	698.90
						6/2/2008		15.50	698.59
						9/9/2008		16.97	697.12
						11/20/2008		17.43	696.66
						3/17/2009		17.06	697.03
						6/15/2009		15.85	698.24
		713.249				8/5/2009		15.98	697.27
						11/2/2009		17.04	696.21
						2/3/2010		17.33	695.92
						4/20/2010		17.16	696.09
						7/20/2010		16.51	696.74
						10/11/2010		17.79	695.46
		713.71				1/17/2011		17.67	696.04
						4/28/2011		15.20	698.51
						9/27/2011		16.91	696.80
						10/17/2011		17.67	696.04
						1/18/2012		16.46	697.25
						4/23/2012		17.13	696.58
						7/30/2012		18.02	695.69
						11/12/2012		16.79	696.92
						3/1/2013		16.50	697.21
						5/16/2013		16.36	697.35
						9/17/2013		17.79	695.92
						11/11/2013		17.46	696.25
						2/24/2014		16.46	697.25

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-10S	1/12/2007	713.23	25	15.0	25.0	2/21/2007		16.45	696.78
						6/14/2007		15.87	697.36
						9/19/2007		16.17	697.06
						12/12/2007		15.58	697.65
						3/21/2008		14.08	699.15
						6/2/2008		14.90	698.33
						9/9/2008		16.05	697.18
						11/20/2008		16.53	696.70
						3/17/2009		16.17	697.06
						6/15/2009		15.01	698.22
		712.302				8/5/2009		15.50	696.80
						11/2/2009		15.98	696.32
						2/3/2010		16.29	696.01
						4/20/2010		16.06	696.24
						7/20/2010		15.46	696.84
						10/11/2010		16.82	695.48
		712.69				1/17/2011		NG	
						4/28/2011		NG	
						9/27/2011		15.92	696.77
						10/17/2011		16.70	695.99
						1/18/2012		15.47	697.22
						4/23/2012		16.17	696.52
						7/30/2012		17.05	695.64
						11/12/2012		15.78	696.91
						3/1/2013		15.51	697.18
						5/16/2013		15.46	697.23
						9/17/2013		16.84	695.85
						11/11/2013		16.49	696.20
						2/24/2014		15.54	697.15
MMW-11S	5/31/2007	713.69	24	14.0	24.0	6/14/2007		15.98	697.71
						9/19/2007		16.43	697.26
						12/12/2007		15.77	697.92
						3/21/2008		14.18	699.51
						6/2/2008		13.84	699.85
						9/9/2008		16.02	697.67
						11/20/2008		16.36	697.33
						3/17/2009		15.95	697.74
						6/15/2009		14.64	699.05
		712.818				8/5/2009		15.09	697.73
						11/2/2009		15.95	696.87
						2/3/2010		16.12	696.70
						4/20/2010		15.86	696.96
						7/20/2010		15.25	697.57
						10/11/2010		16.73	696.09
		713.17				1/17/2011		NG	
						4/28/2011		NG	
						9/27/2011		15.76	697.41
						10/17/2011		16.40	696.77
						1/18/2012		15.73	697.44
						4/23/2012		16.15	697.02
						7/30/2012		16.98	696.19
						11/12/2012		16.04	697.13
						3/1/2013		15.44	697.73
						5/16/2013		15.23	697.94
						9/17/2013		16.72	696.45
						11/11/2013		16.32	696.85
						2/24/2014		15.41	697.76

Table 2
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-12S	11/26/2008	718.82	24	14.0	24.0	3/17/2009		15.18	703.64
						6/15/2009		13.98	704.84
		711.988				8/5/2009		14.19	697.80
		712.82				11/2/2009		15.08	697.74
						2/3/2010		15.41	697.41
						4/20/2010		15.25	697.57
						7/20/2010		14.67	698.15
						10/11/2010		15.83	696.74
		712.15				1/17/2011		15.73	696.42
						4/28/2011		NG	
						9/27/2011		15.02	697.13
						10/17/2011		15.70	696.45
						1/18/2012		14.73	697.42
						4/23/2012		15.31	696.84
						7/30/2012		16.10	696.05
						11/12/2012		15.06	697.09
						3/1/2013		14.60	697.55
						5/16/2013		14.51	697.64
						9/17/2013		15.78	696.37
						11/11/2013		15.44	696.71
						2/24/2014		14.61	697.54
MMW-15S	12/15/2011	713.36	32	22.0	32.0	1/18/2012		15.60	697.76
						4/23/2012		16.02	697.34
						7/30/2012		16.89	696.47
						11/12/2012		15.93	697.43
						3/1/2013		15.39	697.97
						5/16/2013		14.97	698.39
						9/17/2013		16.58	696.78
						11/11/2013		16.21	697.15
						2/24/2014		15.23	698.13
Deep Wells									
MMW-4D	8/25/2004	711.64	66	56.0	66.0	9/10/2004		13.58	698.06
						2/21/2007		12.88	698.76
						6/2/2008		12.52	699.12
						6/15/2009		12.63	699.01
		710.877				11/2/2009		13.39	697.49
						2/3/2010		13.85	697.03
						4/20/2010		13.69	697.19
						7/20/2010		13.12	697.76
						10/11/2010		14.25	696.63
		711.29				1/17/2011		14.15	697.14
						4/28/2011		11.74	699.55
						9/27/2011		13.36	697.93
						10/17/2011		14.09	697.20
						1/18/2012		12.52	698.77
						4/23/2012		13.80	697.49
						7/30/2012		14.47	696.82
						11/12/2012		13.43	697.86
						3/1/2013		13.11	698.18
						5/16/2013		13.15	698.14
						9/17/2013		14.21	697.08
						11/11/2013		13.85	697.44
						2/24/2014		13.07	698.22

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-5D	8/24/2004	711.75	51	41.0	51.0	9/10/2004		13.50	698.25
						2/21/2007		12.85	698.90
						6/2/2008		12.59	699.16
						6/15/2009		12.73	699.02
		710.852				11/2/2009		13.17	697.68
						2/3/2010		13.62	697.23
						4/20/2010		13.48	697.37
						7/20/2010		12.99	697.86
						10/11/2010		13.98	696.87
		711.27				1/17/2011		NG	
						4/28/2011		11.62	699.65
						9/27/2011		13.18	698.09
						10/17/2011		13.85	697.42
						1/18/2012		12.46	698.81
						4/23/2012		13.63	697.64
						7/30/2012		14.20	697.07
						11/12/2012		12.84	698.43
						3/1/2013		12.98	698.29
						5/16/2013		13.10	698.17
						9/17/2013		14.01	697.26
						11/11/2013		13.70	697.57
						2/24/2014		12.95	698.32
MMW-6D	8/23/2004	712.68	51	41.0	51.0	9/10/2004		14.41	698.27
						2/21/2007		13.72	698.96
						6/2/2008		13.38	699.30
						6/15/2009		13.44	699.24
		711.971				11/2/2009		14.21	697.76
						2/3/2010		14.71	697.26
						4/20/2010		14.51	697.46
						7/20/2010		13.99	697.98
						10/11/2010		15.05	696.92
		712.40				1/17/2011		14.61	697.79
						4/28/2011		12.66	699.74
						9/27/2011		14.24	698.16
						10/17/2011		14.94	697.46
						1/18/2012		13.69	698.71
						4/23/2012		14.70	697.70
						7/30/2012		15.29	697.11
						11/12/2012		14.05	698.35
						3/1/2013		14.16	698.24
						5/16/2013		14.07	698.33
						9/17/2013		15.07	697.33
						11/11/2013		14.80	697.60
						2/24/2014		14.03	698.37

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-11D	11/26/2008	713.64	33	23.0	33.0	3/17/2009		16.02	697.62
						6/15/2009		14.73	698.91
		712.988				8/5/2009		14.89	698.10
		713.64				11/2/2009		15.78	697.86
						2/3/2010		16.29	697.35
						4/20/2010		16.03	697.61
						7/20/2010		15.41	698.23
						10/11/2010		16.61	697.03
		713.33				1/17/2011		NG	
						4/28/2011		NG	
						9/27/2011		15.93	697.40
						10/17/2011		16.43	696.90
						1/18/2012		15.55	697.78
						4/23/2012		16.00	697.33
						7/30/2012		16.81	696.52
						11/12/2012		15.87	697.46
						3/1/2013		15.28	698.05
						5/16/2013		15.06	698.27
						9/17/2013		16.51	696.82
						11/11/2013		16.15	697.18
						2/24/2014		15.24	698.09
MMW-13D	11/21/2008	713.53	50	35.0	50.0	6/15/2009		13.45	700.08
		712.884				8/5/2009		14.85	698.03
						11/2/2009		15.76	697.12
						2/3/2010		16.10	696.78
						4/20/2010		15.81	697.07
						7/20/2010		15.21	697.67
						10/11/2010		16.55	696.33
		713.28				1/17/2011		16.43	696.85
						4/28/2011		13.95	699.33
						9/27/2011		15.76	697.52
						10/17/2011		16.43	696.85
						1/18/2012		15.56	697.72
						4/23/2012		15.97	697.31
						7/30/2012		16.82	696.46
						11/12/2012		15.88	697.40
						3/1/2013		15.26	698.02
						5/16/2013		15.02	698.26
						9/17/2013		16.52	696.76
						11/11/2013		16.15	697.13
						2/24/2014		15.22	698.06

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-14D	12/10/2008	712.61	50	40.0	50.0	3/17/2009		14.95	697.66
						6/15/2009		13.81	698.80
		711.77				8/5/2009		13.92	697.85
						11/2/2009		14.90	696.87
						2/3/2010		15.20	696.57
						4/20/2010		15.02	696.75
						7/20/2010		14.45	697.32
						10/11/2010		15.62	696.15
		712.41				1/17/2011		15.51	696.90
						4/28/2011		13.16	699.25
						9/27/2011		14.80	697.61
						10/17/2011		15.48	696.93
						1/18/2012		14.41	698.00
						4/23/2012		15.11	697.30
						7/30/2012		15.87	696.54
						11/12/2012		14.75	697.66
						3/1/2013		14.43	697.98
						5/16/2013		14.33	698.08
						9/17/2013		15.56	696.85
						11/11/2013		15.24	697.17
						2/24/2014		14.39	698.02
MMW-15D	12/15/2011	713.08	39	34.0	39.0	1/18/2012		15.32	697.76
						4/23/2012		15.74	697.34
						7/30/2012		16.60	696.48
						11/12/2012		15.65	697.43
						3/1/2013		15.01	698.07
						5/16/2013		14.70	698.38
						9/17/2013		16.30	696.78
						11/11/2013		15.93	697.15
						2/24/2014		14.95	698.13
Floral Park Cemetery Monitoring Wells (Off-Site)									
Shallow Wells									
MMW-C-01	8/1/2008	715.36	28	18.0	28.0	9/9/2008		19.70	695.66
						11/20/2008		20.25	695.11
						3/17/2009		19.47	695.89
						6/15/2009		17.24	698.12
		715.272				8/5/2009		18.53	696.74
						11/2/2009		19.85	695.42
						2/3/2010		19.98	695.29
						4/20/2010		19.40	695.87
						7/20/2010		18.61	696.66
						10/11/2010		20.53	694.74
		715.73				1/19/2011		20.43	695.30
						4/28/2011		17.01	698.72
						9/27/2011		19.81	695.92
						10/17/2011		20.48	695.25
						1/18/2012		19.12	696.61
						4/23/2012		19.58	696.15
						7/30/2012		20.76	694.97
						11/12/2012		19.71	696.02
						3/1/2013		18.86	696.87
						5/16/2013		17.91	697.82
						9/17/2013		20.45	695.28
						11/11/2013		20.15	695.58
						2/24/2014		18.79	696.94

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-C-02S	8/1/2008	715.21	28	18.0	28.0	9/9/2008		19.16	696.05
						11/20/2008		19.60	695.61
						3/17/2009		18.89	696.32
						6/15/2009		17.70	697.51
		714.22				8/5/2009		18.14	696.08
						11/2/2009		19.25	694.97
						2/3/2010		19.33	694.89
						4/20/2010		18.80	695.42
						7/20/2010		18.12	696.10
						10/11/2010		19.86	694.36
		714.64				1/19/2011		19.80	694.84
						4/28/2011		17.35	697.29
						9/27/2011		19.34	695.30
						10/17/2011		19.86	694.78
						1/18/2012		18.66	695.98
						4/23/2012		19.05	695.59
						7/30/2012		20.10	694.54
						11/12/2012		19.21	695.43
						3/1/2013		18.39	696.25
						5/16/2013		17.52	697.12
						9/17/2013		19.86	694.78
						11/11/2013		20.61	694.03
						2/24/2014		18.21	696.43
MMW-C-16S	6/5/2012	717.32	25.9	15.9	25.9	7/30/2012		22.70	694.62
						11/12/2012		21.65	695.67
						3/1/2013		20.81	696.51
						5/16/2013		19.66	697.66
						9/17/2013		22.40	694.92
						11/11/2013		22.17	695.15
						2/24/2014		20.66	696.66
MMW-P-11S	8/31/2011	716.42	26	16.0	26.0	10/17/2011		21.26	695.16
						1/18/2012		19.89	696.53
						4/23/2012		20.31	696.11
						7/30/2012		21.51	694.91
						11/12/2012		20.51	695.91
						3/1/2013		19.57	696.85
						5/16/2013		18.44	697.98
						9/17/2013		21.20	695.22
						11/11/2013		20.92	695.50
						2/24/2014		19.50	696.92
MMW-P-13S	8/31/2011	713.83	26	16.0	26.0	10/17/2011		18.67	695.16
						1/18/2012		17.26	696.57
						4/23/2012		17.66	696.17
						7/30/2012		18.92	694.91
						11/12/2012		17.94	695.89
						3/1/2013		16.91	696.92
						5/16/2013		15.53	698.30
						9/17/2013		18.60	695.23
						11/11/2013		18.31	695.52
						2/24/2014		16.86	696.97

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-14S	12/6/2011	714.5	28	18.0	28.0	1/18/2012		18.16	696.34
						4/23/2012		18.62	695.88
						7/30/2012		19.96	694.54
						11/12/2012		18.93	695.57
						3/1/2013		17.25	697.25
						5/16/2013		16.21	698.29
						9/17/2013		19.64	694.86
						11/11/2013		19.38	695.12
						2/24/2014		17.76	696.74
Deep Wells									
MMW-C-02D	12/6/2011	713.9	36	31.0	36.0	1/18/2012		17.86	696.04
						4/23/2012		18.30	695.60
						7/30/2012		19.34	694.56
						11/12/2012		18.42	695.48
						3/1/2013		17.63	696.27
						5/16/2013		16.79	697.11
						9/17/2013		19.10	694.80
						11/11/2013		18.84	695.06
						2/24/2014		17.44	696.46
MMW-C-16D	6/4/2012	717.27	40	35.0	40.0	7/30/2012		22.67	694.60
						11/12/2012		21.64	695.63
						3/1/2013		20.75	696.52
						5/16/2013		19.60	697.67
						9/17/2013		22.38	694.89
						11/11/2013		22.13	695.14
						2/24/2014		20.62	696.65
MMW-C-17D	6/5/2012	714.57	38.7	33.7	38.7	7/30/2012		21.15	693.42
						11/12/2012		20.43	694.14
						3/1/2013		19.55	695.02
						5/16/2013		18.76	695.81
						9/17/2013		20.95	693.62
						11/11/2013		20.69	693.88
						2/24/2014		19.33	695.24
MMW-P-11DR	12/6/2011	715.63	33	28.0	33.0	1/18/2012		19.08	696.55
						4/23/2012		19.51	696.12
						7/30/2012		20.73	694.90
						11/12/2012		19.73	695.90
						3/1/2013		18.77	696.86
						5/16/2013		17.62	698.01
						9/17/2013		20.42	695.21
						11/11/2013		20.14	695.49
						2/24/2014		18.72	696.91
MMW-P-13D	8/31/2011	713.57	33	28.0	33.0	10/17/2011		18.45	695.12
						1/18/2012		17.02	696.55
						4/23/2012		17.43	696.14
						7/30/2012		18.68	694.89
						11/12/2012		17.70	695.87
						3/1/2013		16.66	696.91
						5/16/2013		15.29	698.28
						9/17/2013		18.35	695.22
						11/11/2013		18.05	695.52
						2/24/2014		16.61	696.96

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MMW-P-14D	12/6/2011	714.76	34	29.0	34.0	1/18/2012		18.43	696.33
						4/23/2012		18.92	695.84
						7/30/2012		20.24	694.52
						11/12/2012		19.19	695.57
						3/1/2013		18.13	696.63
						5/16/2013		16.50	698.26
						9/17/2013		19.94	694.82
						11/11/2013		19.66	695.10
						2/24/2014		18.04	696.72
ENVIRON Monitoring Wells (Off-Site)									
MW-166S	5/21/2001	712.70	20	10.0	20.0	1/18/2012		14.75	697.95
						4/23/2012		15.15	697.55
						7/30/2012		15.95	696.75
						11/12/2012		14.89	697.81
						3/1/2013		14.47	698.23
						5/16/2013		14.35	698.35
						9/17/2013		15.56	697.14
						11/11/2013		15.29	697.41
						2/24/2014		14.44	698.26
MW-167S	5/21/2001	716.25	22	12.0	22.0	11/7/2005		18.78	697.47
						2/21/2007		17.74	698.51
						6/2/2008		17.33	698.92
						9/9/2008		18.65	697.60
						11/20/2008		19.92	696.33
						3/17/2009		18.49	697.76
						6/15/2009		17.02	699.23
						8/5/2009		17.70	698.55
						11/2/2009		18.50	697.75
						2/3/2010		18.78	697.47
						4/20/2010		19.43	696.82
						7/20/2010		NG	
		715.363				10/11/2010		19.27	696.09
		716.07				1/17/2011		19.15	696.92
						4/28/2011		16.30	699.77
						9/27/2011		18.61	697.46
						1/18/2012		NG	
						4/23/2012		18.21	697.86
						7/30/2012		19.55	696.52
						11/12/2012		18.70	697.37
						3/1/2013		17.92	698.15
						5/16/2013		17.43	698.64
						9/17/2013		19.24	696.83
						11/11/2013		18.84	697.23
						2/24/2014		17.87	698.20

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MW-168S	1/18/2002	714.79	22	12.0	22.0	11/7/2005		18.09	696.70
						2/21/2007		17.19	697.60
						6/14/2007		17.97	696.82
						9/19/2007		15.73	699.06
						12/12/2007		17.32	697.47
						3/21/2008		15.83	698.96
						6/2/2008		16.72	698.07
						9/9/2008		17.90	696.89
						11/20/2008		18.29	696.50
						3/17/2009		17.97	696.82
						6/15/2009		16.80	697.99
						8/5/2009		16.74	698.05
						11/2/2009		17.80	696.99
						2/3/2010		18.08	696.71
						4/20/2010		17.91	696.88
						7/20/2010		17.31	697.48
		713.823				10/11/2010		18.45	695.37
		714.58				1/17/2011		18.42	696.16
						4/28/2011		16.00	698.58
						9/27/2011		17.59	696.99
						10/17/2011		18.42	696.16
						1/18/2012		17.30	697.28
						4/23/2012		17.90	696.68
						7/30/2012		18.76	695.82
						11/12/2012		17.61	696.97
						3/1/2013		17.24	697.34
						5/16/2013		16.83	697.75
						9/17/2013		18.55	696.03
						11/11/2013		18.19	696.39
						2/24/2014		17.24	697.34
MW-169S	1/16/2002	715.95	25	15.0	25.0	11/7/2005		20.80	695.15
						2/21/2007		18.92	697.03
						3/21/2008		18.51	697.44
						6/2/2008		18.97	696.98
						9/9/2008		20.29	695.66
						11/20/2008		20.89	695.06
						3/17/2009		19.99	695.96
						6/15/2009		18.12	697.83
						8/5/2009		19.13	696.82
						11/2/2009		20.41	695.54
						2/3/2010		20.41	695.54
						4/20/2010		19.70	696.25
						7/20/2010		18.90	697.05
		715.92				1/17/2011		21.09	694.83
						4/28/2011		18.09	697.83
						9/27/2011		20.80	695.12
						10/17/2011		21.43	694.49
						1/18/2012		20.75	695.17
						4/23/2012		20.28	695.64
						7/30/2012		21.42	694.50
						11/12/2012		20.40	695.52
						3/1/2013		19.50	696.42
						5/16/2013		18.29	697.63
						9/17/2013		21.16	694.76
						11/11/2013		20.71	695.21
						2/24/2014		19.14	696.78

Table 2
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3801-3823 West Michigan Street
Indianapolis, Indiana
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MW-170S	1/16/2002	717.40	27	17.0	27.0	2/21/2007		19.41	697.99
						6/2/2008		19.69	697.71
						9/9/2008		21.01	696.39
						11/20/2008		21.62	695.78
						3/17/2009		20.66	696.74
						6/15/2009		18.63	698.77
						8/5/2009		20.05	697.35
						11/2/2009		21.22	696.18
						2/3/2010		21.70	695.70
						4/20/2010		20.41	696.99
						7/20/2010		19.47	697.93
		716.51				10/11/2010		21.81	694.70
		717.14				1/17/2011		21.70	695.44
						4/28/2011		18.71	698.43
						9/27/2011		21.66	695.48
						10/17/2011		21.85	695.29
						1/18/2012		20.34	696.80
						4/23/2012		20.71	696.43
						7/30/2012		22.07	695.07
						11/12/2012		21.08	696.06
						3/1/2013		20.01	697.13
						5/16/2013		18.46	698.68
						9/17/2013		21.74	695.40
						11/11/2013		21.45	695.69
						2/24/2014		19.97	697.17
MW-171S	1/22/2002	711.83	22	12.0	22.0	2/21/2007		15.04	696.79
						3/21/2008		13.81	698.02
						6/2/2008		14.37	697.46
						9/9/2008		15.75	696.08
						11/20/2008		16.05	695.78
						3/17/2009		15.71	696.12
						6/15/2009		14.52	697.31
						8/5/2009		14.79	697.04
						11/2/2009		15.68	696.15
						2/3/2010		15.82	696.01
						4/20/2010		15.59	696.24
						7/20/2010		15.18	696.65
		711.58				1/17/2011		16.20	695.38
						4/28/2011		13.92	697.66
						9/27/2011		15.64	695.94
						10/17/2011		NG	
						1/18/2012		15.16	696.42
						4/23/2012		15.75	695.83
						7/30/2012		15.59	695.99
						11/12/2012		15.59	695.99
						3/1/2013		15.20	696.38
						5/16/2013		14.93	696.65
						9/17/2013		NG	
						11/11/2013		DRY	
						2/24/2014		14.90	696.68

Table 2
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MW-174S	7/13/2011	717.78	24	14.0	24.0	1/18/2012		21.14	696.64
						4/23/2012		21.52	696.26
						7/30/2012		22.40	695.38
						11/12/2012		20.80	696.98
						3/1/2013		19.97	697.81
						5/16/2013		19.37	698.41
						9/17/2013		21.32	696.46
						11/11/2013		20.96	696.82
						2/24/2014		19.90	697.88
MW-175S	7/13/2011	718.66	25	15.0	25.0	4/23/2012		20.70	697.96
						1/18/2012		20.38	698.28
						7/30/2012		21.68	696.98
						11/12/2012		21.33	697.33
						3/1/2013		20.81	697.85
						5/16/2013		20.41	698.25
						9/17/2013		22.11	696.55
						11/11/2013		21.72	696.94
						2/24/2014		20.73	697.93
MW-165D	2/24/2014	712.19	47	42.0	47.0	2/24/2014		13.62	698.57
MW-166D	1/14/2002	712.49	51	46.0	51.0	1/18/2012		14.45	698.04
						4/23/2012		14.92	697.57
						7/30/2012		15.71	696.78
						11/12/2012		14.64	697.85
						3/1/2013		14.25	698.24
						5/16/2013		14.11	698.38
						9/17/2013		15.42	697.07
						11/11/2013		15.06	697.43
						2/24/2014		14.21	698.28
MW-167D	1/11/2002	716.25	33	28.0	33.0	11/7/2005		18.80	697.45
						2/21/2007		17.81	698.44
						6/2/2008		17.44	698.81
						9/9/2008		18.76	697.49
						11/20/2008		19.07	697.18
						3/17/2009		18.64	697.61
						6/15/2009		17.20	699.05
						8/5/2009		17.83	698.42
						11/2/2009		18.65	697.60
						2/3/2010		18.98	697.27
						4/20/2010		18.61	697.64
						7/20/2010		17.79	698.46
		715.61				1/17/2011		18.73	696.88
						4/28/2011		16.23	699.38
						9/27/2011		18.19	697.42
						1/18/2012		17.85	697.76
						4/23/2012		18.61	697.00
						7/30/2012		19.12	696.49
						11/12/2012		18.27	697.34
						3/1/2013		17.51	698.10
						5/16/2013		17.03	698.58
						9/17/2013		18.85	696.76
						11/11/2013		NG	
						2/24/2014		17.46	698.15

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MW-168D	1/15/2002	714.71	31	21.0	31.0	11/7/2005		18.00	696.71
						2/21/2007		17.07	697.64
						6/14/2007		17.87	696.84
						9/19/2007		53.11	661.60
						12/12/2007		17.22	697.49
						3/21/2008		15.65	699.06
						6/2/2008		16.70	698.01
						9/9/2008		17.81	696.90
						11/20/2008		18.23	696.48
						3/17/2009		17.89	696.82
						6/15/2009		16.71	698.00
						8/5/2009		16.69	698.02
						11/2/2009		17.75	696.96
						2/3/2010		18.03	696.68
						4/20/2010		17.81	696.90
						7/20/2010		17.22	697.49
		713.823				10/11/2010		18.54	695.28
		714.46				1/17/2011		18.35	696.11
						4/28/2011		15.90	698.56
						9/27/2011		17.56	696.90
						10/17/2011		18.33	696.13
						1/18/2012		17.14	697.32
						4/23/2012		17.85	696.61
						7/30/2012		18.68	695.78
						11/12/2012		17.45	697.01
						3/1/2013		17.20	697.26
						5/16/2013		17.05	697.41
						9/17/2013		18.41	696.05
						11/11/2013		18.13	696.33
						2/24/2014		17.17	697.29
MW-169D	1/16/2002	715.23	37	32.0	37.0	11/7/2005		20.77	694.46
						2/21/2007		18.87	696.36
						3/21/2008		18.48	696.75
						6/2/2008		18.97	696.26
						9/9/2008		20.27	694.96
						11/20/2008		20.92	694.31
						3/17/2009		20.01	695.22
						6/15/2009		18.13	697.10
						8/5/2009		19.15	696.08
						11/2/2009		20.45	694.78
						2/3/2010		20.47	694.76
						4/20/2010		19.78	695.45
						7/20/2010		18.98	696.25
		715.69				1/17/2011		NG	
						4/28/2011		17.83	697.86
						9/27/2011		NG	
						1/18/2012		19.53	696.16
						4/23/2012		20.03	695.66
						7/30/2012		21.21	694.48
						11/12/2012		20.19	695.50
						3/1/2013		19.29	696.40
						5/16/2013		18.03	697.66
						9/17/2013		20.97	694.72
						11/11/2013		20.73	694.96
						2/24/2014		19.15	696.54

Table 2
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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MW-170D	1/16/2002	717.34	39	34.0	39.0	2/21/2007		19.35	697.99
						6/2/2008		19.61	697.73
						9/9/2008		20.95	696.39
						11/20/2008		21.69	695.65
						3/17/2009		20.62	696.72
						6/15/2009		18.54	698.80
						8/5/2009		19.95	697.39
						11/2/2009		21.12	696.22
						2/3/2010		21.12	696.22
						4/20/2010		20.34	697.00
						7/20/2010		19.39	697.95
		716.45				10/11/2010		21.81	694.64
		717.07				1/17/2011		21.63	695.44
						4/28/2011		18.65	698.42
						9/27/2011		21.60	695.47
						10/17/2011		21.76	695.31
						1/18/2012		20.27	696.80
						4/23/2012		20.68	696.39
						7/30/2012		22.00	695.07
						11/12/2012		21.01	696.06
						3/1/2013		19.94	697.13
						5/16/2013		18.39	698.68
						9/17/2013		21.68	695.39
						11/11/2013		NG	
						2/24/2014		19.93	697.14
MW-171D	1/22/2002	711.88	49	44.0	49.0	2/21/2007		15.23	696.65
						3/21/2008		14.41	697.47
						6/2/2008		14.95	696.93
						9/9/2008		16.16	695.72
						11/20/2008		16.59	695.29
						3/17/2009		16.09	695.79
						6/15/2009		14.68	697.20
						8/5/2009		15.22	696.66
						11/2/2009		16.13	695.75
						2/3/2010		16.31	695.57
						4/20/2010		15.95	695.93
						7/20/2010		19.35	692.53
		710.993				10/11/2010		16.76	694.23
		711.62				1/17/2011		16.70	694.92
						4/28/2011		14.10	697.52
						9/27/2011		16.16	695.46
						10/17/2011		16.70	694.92
						1/18/2012		15.61	696.01
						4/23/2012		16.10	695.52
						7/30/2012		17.00	694.62
						11/12/2012		16.11	695.51
						3/1/2013		15.47	696.15
						5/16/2013		14.97	696.65
						9/17/2013		16.76	694.86
						11/11/2013		16.50	695.12
						2/24/2014		15.31	696.31

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MW-174D	7/13/2011	717.72	48	43.0	48.0	1/18/2012		21.03	696.69
						4/23/2012		21.41	696.31
						7/30/2012		22.27	695.45
						11/12/2012		20.74	696.98
						3/1/2013		19.92	697.80
						5/16/2013		19.30	698.42
						9/17/2013		21.32	696.40
						11/11/2013		20.91	696.81
						2/24/2014		19.84	697.88
MW-175D	7/13/2011	718.75	42	37.0	42.0	1/18/2012		20.32	698.43
						4/23/2012		20.63	698.12
						7/30/2012		21.63	697.12
						11/12/2012		21.46	697.29
						3/1/2013		20.71	698.04
						5/16/2013		20.31	698.44
						9/17/2013		22.00	696.75
						11/11/2013		21.61	697.14
						2/24/2014		20.63	698.12
U.S. EPA Monitoring Wells (Off-Site)									
MW-WES-01a		716.13	37.5	32.5	37.5	1/18/2012		NG	
						4/23/2012		6.35	709.78
						7/30/2012		21.03	695.10
						11/12/2012		13.79	702.34
						3/1/2013		18.51	697.62
						5/16/2013		NG	
						9/17/2013		20.74	695.39
						11/11/2013		20.56	695.57
						2/24/2014		18.81	697.32
MW-WES-01b		716.05	46	41.0	46.0	1/18/2012		19.39	696.66
						4/23/2012		19.88	696.17
						7/30/2012		21.21	694.84
						11/12/2012		20.16	695.89
						3/1/2013		19.16	696.89
						5/16/2013		NG	
						9/17/2013		20.93	695.12
						11/11/2013		20.45	695.50
						2/24/2014		19.06	696.99
MW-WES-01c		715.96	55	50.0	55.0	1/18/2012		19.35	696.61
						4/23/2012		19.85	696.11
						7/30/2012		21.17	694.79
						11/12/2012		20.15	695.81
						3/1/2013		19.10	696.86
						5/16/2013		NG	
						9/17/2013		20.86	695.10
						11/11/2013		20.42	695.54
						2/24/2014		19.00	696.96
MW-WES-02a		716.24	29	24.0	29.0	1/18/2012		18.76	697.48
						4/23/2012		19.44	696.80
						7/30/2012		20.62	695.62
						11/12/2012		19.75	696.49
						3/1/2013		18.75	697.49
						5/16/2013		NG	
						9/17/2013		20.75	695.49
						11/11/2013		20.41	695.83
						2/24/2014		18.70	697.54

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MW-WES-02b		716.28	40	35.0	40.0	1/18/2012		19.40	696.88
						4/23/2012		19.87	696.41
						7/30/2012		21.16	695.12
						11/12/2012		20.17	696.11
						3/1/2013		19.12	697.16
						5/16/2013		NG	
						9/17/2013		20.84	695.44
						11/11/2013		20.49	695.79
						2/24/2014		19.08	697.20
MW-WES-02c		716.23	50	40.0	50.0	1/18/2012		19.30	696.93
						4/23/2012		19.79	696.44
						7/30/2012		21.07	695.16
						11/12/2012		20.07	696.16
						3/1/2013		19.03	697.20
						5/16/2013		NG	
						9/17/2013		20.34	695.89
						11/11/2013		19.97	696.26
						2/24/2014		18.98	697.25
MW-WES-03a		717.42	35	30.0	35.0	1/18/2012		21.34	696.08
						4/23/2012		21.94	695.48
						7/30/2012		23.23	694.19
						11/12/2012		22.09	695.33
						3/1/2013		21.12	696.30
						5/16/2013		NG	
						9/17/2013		23.02	694.40
						11/11/2013		22.82	694.60
						2/24/2014		20.89	696.53
MW-WES-03b		717.41	45	40.0	45.0	1/18/2012		21.35	696.06
						4/23/2012		21.91	695.50
						7/30/2012		23.28	694.13
						11/12/2012		22.25	695.16
						3/1/2013		21.18	696.23
						5/16/2013		NG	
						9/17/2013		23.05	694.36
						11/11/2013		22.85	694.56
						2/24/2014		20.90	696.51
MW-WES-04a		717.85	35	30.0	35.0	1/18/2012		20.33	697.52
						4/23/2012		20.75	697.10
						7/30/2012		21.95	695.90
						11/12/2012		21.03	696.82
						3/1/2013		20.07	697.78
						5/16/2013		NG	
						9/17/2013		21.67	696.18
						11/11/2013		21.25	696.60
						2/24/2014		NG	
MW-WES-04b		717.37	45	40.0	45.0	1/18/2012		20.29	697.08
						4/23/2012		20.78	696.59
						7/30/2012		21.98	695.39
						11/12/2012		20.99	696.38
						3/1/2013		19.91	697.46
						5/16/2013		NG	
						9/17/2013		21.62	695.75
						11/11/2013		21.21	696.16
						2/24/2014		19.67	697.70

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	Date of Installation	TOC Elevation	TD	Screened Elevation		Date	DTP	DTW	Elevation
			(ft)	(ft-bgs)				(ft below TOC)	(ft-MSL)
MW-WES-05a		717.04	25	20.0	25.0	1/18/2012		18.30	698.74
						4/23/2012		19.27	697.77
						7/30/2012		19.67	697.37
						11/12/2012		18.75	698.29
						3/1/2013		17.98	699.06
						5/16/2013		NG	
						9/17/2013		19.41	697.63
						11/11/2013		19.95	697.09
						2/24/2014		17.86	699.18
MW-WES-05b		716.60	37.5	32.5	37.5	1/18/2012		19.85	696.75
						4/23/2012		19.82	696.78
						7/30/2012		20.25	696.35
						11/12/2012		19.39	697.21
						3/1/2013		18.50	698.10
						5/16/2013		NG	
						9/17/2013		19.94	696.66
						11/11/2013		19.51	697.09
						2/24/2014		18.39	698.21
MW-WES-05c		715.95	50	45.0	50.0	1/18/2012		19.26	696.69
						4/23/2012		20.22	695.73
						7/30/2012		20.65	695.30
						11/12/2012		19.81	696.14
						3/1/2013		18.90	697.05
						5/16/2013		NG	
						9/17/2013		20.34	695.61
						11/11/2013		19.00	696.95
						2/24/2014		18.81	697.14
MW-WES-06S		713.57	30	25.0	30.0	2/24/2014		16.42	697.15
MW-WES-06D		713.67	49	44.0	49.0	2/24/2014		16.18	697.49
MW-WES-07		716.22	48	43.0	48.0	2/24/2014		19.16	697.06
MW-WES-08S		715.85	32.5	27.5	32.5	2/24/2014		17.68	698.17
MW-WES-08D		715.97	50	45.0	50.0	2/24/2014		18.03	697.94
MW-WES-09S		713.91	33.5	28.5	33.5	2/24/2014		16.63	697.28
MW-WES-09D		713.63	45	40.0	45.0	2/24/2014		16.07	697.56
Little Eagle Creek Stream Gauge Locations									
SG-1		701.78				10/17/2011		0.40	701.38
						1/18/2012		2.35	699.43
						4/23/2012		1.34	700.44
						7/30/2012		0.26	701.52
						3/1/2013		0.76	698.54
						5/16/2013		NG	
		719.82				9/17/2013		22.75	697.07
						11/11/2013		22.50	697.32
						2/24/2014		22.10	697.72
SG-2		698.85				10/17/2011		0.52	698.33
						1/18/2012		NG	
						1/18/2012		NG	
						4/23/2012		NG	
						7/30/2012		NG	
						3/1/2013		NG	
						5/16/2013		NG	
		718.36				9/17/2013		23.30	695.06
						11/11/2013		22.93	695.43
						2/24/2014		22.49	695.87

Notes:
TOC = Top of Casing
TD = Total Depth
DTW = Depth to Water
DTP = Depth to Product

Table 3
Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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
IDEM RCG Commercial Vapor Intrusion Ground Water Screening Level		**55**	**38**	**-**	**-**	**-**	**35**
IDEM RCG Residential Vapor Intrusion Ground Water Screening Level		**11**	**9.1**	**-**	**-**	**-**	**2**
IDEM RCG Tap Water Screening Level		**5**	**5**	**70**	**100**	**80**	**2**
IDEM RISC Industrial Default Cleanup Level		**55**	**31**	**1,000**	**2,000**	**1,000**	**4**
IDEM RISC Residential Default Cleanup Level		**5**	**5**	**70**	**100**	**80**	**2**
Monitoring Wells (Apts)							
Shallow Upper Aquifer Wells							
MMW-1S	2/26/2014	**293**	**20.3**	**102**	<5.0	<5.0	**2.3**
MMW-8S	2/26/2014	<5.0	<5.0	12.1	<5.0	<5.0	**157**
MMW-9S	2/26/2014	**15.2**	**14.7**	**1,470**	54.4	<5.0	**853**
MMW-10S	2/25/2014	**59.9**	**56.4**	**426**	12.0	<5.0	**216**
MMW-11S	2/25/2014	<5.0	<5.0	25.6	<5.0	<5.0	<2.0
MMW-12S	2/24/2014	<5.0	<5.0	**101**	<5.0	<5.0	**5.8**
MMW-15S	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
Deep Upper Aquifer Wells							
MMW-4D	2/24/2014	<5.0	<5.0	**311**	<5.0	<5.0	**174**
MMW-6D	2/24/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**51.6**
MMW-11D	2/25/2014	<5.0	<5.0	**312**	17.6	<5.0	**2.8**
MMW-13D	2/25/2014	<5.0	<5.0	**413**	<5.0	<5.0	**33.3**
MMW-14D	2/24/2014	<5.0	<5.0	**1,170**	9.8	<5.0	**98.3**
MMW-15D	2/28/2014	<5.0	<5.0	7.9	<5.0	<5.0	**5.1**

Table 3
Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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
IDEM RCG Commercial Vapor Intrusion Ground Water Screening Level		**55**	**38**	**-**	**-**	**-**	**35**
IDEM RCG Residential Vapor Intrusion Ground Water Screening Level		**11**	**9.1**	**-**	**-**	**-**	**2**
IDEM RCG Tap Water Screening Level		**5**	**5**	**70**	**100**	**80**	**2**
IDEM RISC Industrial Default Cleanup Level		**55**	**31**	**1,000**	**2,000**	**1,000**	**4**
IDEM RISC Residential Default Cleanup Level		**5**	**5**	**70**	**100**	**80**	**2**
Monitoring Wells (Plaza)							
Shallow Upper Aquifer Wells							
MMW-P-01	2/27/2014	**14.6**	**10.5**	**291**	8.9	<5.0	**1,550**
MMW-P-02	2/26/2014	<5.0	<5.0	30.9	<5.0	<5.0	**194**
MMW-P-03S	2/26/2014	<5.0	<5.0	**85.2**	<5.0	<5.0	**1,580**
MMW-P-04	3/4/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-P-05	3/4/2014	<5.0	<5.0	7.4	<5.0	<5.0	**50.3**
MMW-P-06	3/4/2014	<5.0	<5.0	**1,410**	19.8	<5.0	**1,850**
MMW-P-07	2/27/2014	<5.0	<5.0	59.1	<5.0	<5.0	**406**
MMW-P-08	2/27/2014	**23.7**	**16.7**	**1,130**	14.8	<5.0	**1,560**
MMW-P-09S	2/25/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-P-10S	2/26/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**4.3**
MMW-P-12S	2/4/2014	<5.0	<5.0	**284**	5.5	<5.0	**78.6**
Deep Upper Aquifer Wells							
MMW-P-03D	2/26/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**684**
MMW-P-09D	2/25/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**95.5**
MMW-P-10D	2/27/2014	<5.0	<5.0	**356**	<5.0	<5.0	**2,000**
MMW-P-12D	2/4/2014	<5.0	<5.0	**460**	8.3	<5.0	**125**

Table 3
Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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
IDEM RCG Commercial Vapor Intrusion Ground Water Screening Level		**55**	**38**	**-**	**-**	**-**	**35**
IDEM RCG Residential Vapor Intrusion Ground Water Screening Level		**11**	**9.1**	**-**	**-**	**-**	**2**
IDEM RCG Tap Water Screening Level		**5**	**5**	**70**	**100**	**80**	**2**
IDEM RISC Industrial Default Cleanup Level		**55**	**31**	**1,000**	**2,000**	**1,000**	**4**
IDEM RISC Residential Default Cleanup Level		**5**	**5**	**70**	**100**	**80**	**2**
Floral Park Monitoring Wells (Off-site)							
Shallow Upper Aquifer Wells							
MMW-C-01	3/4/2014	**14.8**	<5.0	5.0	<5.0	<5.0	**8.3**
MMW-C-02S	2/24/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**9.6**
MMW-C-16S	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-P-11S	2/4/2014	**265**	<5.0	5.8	<5.0	<5.0	**10.4**
MMW-P-13S	2/3/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-P-14S	2/3/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
Deep Upper Aquifer Wells							
MMW-C-02D	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**231**
MMW-C-16D	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**162**
MMW-C-17D	3/4/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**3.5**
MMW-P-11DR	2/4/2014	<5.0	<5.0	10.1	<5.0	<5.0	**115**
MMW-P-13D	2/3/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**149**
MMW-P-14D	2/3/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**50.7**

Table 3
Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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
IDEM RCG Commercial Vapor Intrusion Ground Water Screening Level		**55**	**38**	**-**	**-**	**-**	**35**
IDEM RCG Residential Vapor Intrusion Ground Water Screening Level		**11**	**9.1**	**-**	**-**	**-**	**2**
IDEM RCG Tap Water Screening Level		**5**	**5**	**70**	**100**	**80**	**2**
IDEM RISC Industrial Default Cleanup Level		**55**	**31**	**1,000**	**2,000**	**1,000**	**4**
IDEM RISC Residential Default Cleanup Level		**5**	**5**	**70**	**100**	**80**	**2**
Keramida/ENVIRON Monitoring Wells (Off-Site)							
Shallow Upper Aquifer Wells							
MW-167S	3/6/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-168S	3/6/2014	**6.0**	**5.0**	47.0	<5.0	<5.0	**80.5**
MW-170S	2/4/2014	<5.0	<5.0	12.1	<5.0	<5.0	<2.0
Deep Upper Aquifer Wells							
MW-167D	3/6/2014	<5.0	<5.0	**416**	13.0	<5.0	**28.6**
MW-168D	3/6/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**83.8**
MW-170D	2/4/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**39.9**

Notes:

IDEM RCG = Indiana Department of Environmental Management Remediation Closure Guide
Exceedances of IDEM RCG Commercial/Industrial Groundwater Screening Level in **RED**
Exceedances of IDEM RCG Residential Groundwater Screening Level in **BLUE**
Exceedances of IDEM RCG Tap Water Screening Level in **BLACK**
PCE = Tetrachloroethene; TCE = Trichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene; trans-1,2-DCE = trans-1,2-Dichloroethene
NS = Not Sampled
NA = Not Analyzed
All analytical results presented in micrograms per liter (ug/L).

Table 4
Cumulative Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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
IDEM RCG Commercial Vapor Intrusion Ground Water Screening Level		**55**	**38**	**-**	**-**	**-**	**35**
IDEM RCG Residential Vapor Intrusion Ground Water Screening Level		**11**	**9.1**	**-**	**-**	**-**	**2**
IDEM RCG Tap Water Screening Level		**5**	**5**	**70**	**100**	**80**	**2**
Monitoring Wells (Apts)							
Shallow Upper Aquifer Wells							
MMW-1S	9/10/2004	< 5.0	< 5.0	< 5.0	< 5.0	<5.0	**4.1**
	3/15/2005	**150**	**10.0**	< 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**	**13.0**	<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	27.0	<2.0
	3/21/2008	**280**	**14.0**	<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
	7/21/2010	**310**	**21.8**	<5.0	<5.0	<5.0	<2.0
	10/12/2010	**89.4**	**21.3**	**208**	<5.0	<5.0	**32.2**
	1/19/2011	**217**	**46.2**	35.4	<5.0	<5.0	**21.8**
	5/4/2011	**449**	**22.7**	12.1	<5.0	<5.0	<2.0
	7/28/2011	**334**	**20.3**	8.1	<5.0	<5.0	**2.1**
	10/19/2011	**136**	**66.0**	**75.3**	<5.0	<5.0	**14.3**
	2/14/2012	**219**	**9.7**	<5.0	<5.0	<5.0	<2.0
	4/25/2012	**270**	**11.2**	34.2	<5.0	<5.0	**39.0**
	8/2/2012	**292**	**27.9**	<5.0	<5.0	<5.0	**28.5**
	11/15/2012	**413**	**20.0**	5.1	<5.0	<5.0	<2.0
	2/28/2013	**477**	**20.5**	6.6	<5.0	<5.0	<2.0
	5/14/2013	**378**	**17.1**	8.1	<5.0	<5.0	<2.0
	9/24/2013	**219**	**96.5**	**74.9**	<5.0	<5.0	**45.1**
	11/13/2013	**273**	**19.2**	9.3	<5.0	<5.0	<2.0
	2/26/2014	**293**	**20.3**	**102**	<5.0	<5.0	**2.3**
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**
	2/22/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	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
	4/30/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/23/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/10/2013	<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	**28.0**	5.4	<5.0	<5.0	<2.0
	9/5/2006	<5.0	**23.0**	7.4	<5.0	<5.0	<2.0
	2/22/2007	<5.0	**20.6**	8.5	<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	**3.0**
	4/20/2010	<5.0	**15.9**	8.0	<5.0	<5.0	<2.0
	5/4/2011	<5.0	**12.4**	12.4	<5.0	<5.0	**4.4**
	4/23/2012	<5.0	**9.9**	5.8	<5.0	<5.0	<2.0
	5/10/2013	<5.0	**12.1**	8.8	<5.0	<5.0	<2.0
MMW-7S	8/24/2004	<5.0	<5.0	28.0	<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**
	2/21/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	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
	5/4/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/26/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/9/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0

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Cumulative Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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	95.0	<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
	7/21/2010	6.2	<5.0	14.9	<5.0	5.0	230
	10/12/2010	8.4	<5.0	5.4	<5.0	<5.0	158
	1/19/2011	14.1	<5.0	<5.0	<5.0	<5.0	172
	4/30/2011	677	19.5	37.2	<5.0	<5.0	108
	7/28/2011	19.4	<5.0	29.0	<5.0	<5.0	130
	10/24/2011	7.9	<5.0	9.9	<5.0	<5.0	200
	2/14/2012	<5.0	<5.0	12.6	<5.0	<5.0	148
	4/25/2012	<5.0	<5.0	15.6	<5.0	<5.0	90.6
	8/2/2012	5.1	<5.0	8.5	<5.0	<5.0	139
	11/15/2012	6.8	<5.0	10.0	<5.0	<5.0	127
	2/28/2013	6.2	<5.0	9.4	<5.0	<5.0	152
	5/14/2013	469	17.1	37.6	<5.0	<5.0	55.8
	9/24/2013	22.5	7.3	54.5	<5.0	<5.0	163
	11/13/2013	6.3	<5.0	36.2	<5.0	<5.0	208
	2/26/2014	<5.0	<5.0	12.1	<5.0	<5.0	157
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	<50.0	<50.0	1,700	<50.0	<50.0	<20.0
	3/21/2008	57.0	20.0	2,900	39.0	<5.0	16.0
	6/6/2008	52.9	28.0	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	64.0	<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	77.1	<5.0	1,710
	7/21/2010	<50.0	<50.0	2,910	73.2	<50.0	2,020
	10/12/2010	<50.0	<50.0	2,430	<50.0	<50.0	1,270
	1/19/2011	<50.0	<50.0	1,580	136	<50.0	1,490
	5/4/2011	11.1	13.4	2,900	71.7	<5.0	1,350
	7/27/2011	<5.0	<5.0	933	32.0	<5.0	747
	10/24/2011	<5.0	<5.0	2,330	92.8	<5.0	694
	2/14/2012	<25.0	<25.0	2,040	60.8	<25.0	1,140
	4/25/2012	<5.0	<5.0	1,180	30.1	<5.0	753
	8/2/2012	<5.0	<5.0	667	30.2	<5.0	667
	11/14/2012	9.8	5.0	2,000	58.0	<5.0	893
	2/28/2013	11.5	9.2	1,990	48.6	<5.0	843
	5/14/2013	21.5	15.4	1,650	48.6	<5.0	420
	9/25/2013	<5.0	<5.0	1,000	33.2	<5.0	1,370
	11/13/2013	<5.0	<5.0	1,120	56.4	<5.0	675
	2/26/2014	15.2	14.7	1,470	54.4	<5.0	853

Table 4
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Quarter 1 - 2014
Michigan Plaza
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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-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	66.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/12/2007	124	56.0	149	<5.0	<5.0	<2.0
	3/21/2008	440	12.0	8.1	<5.0	<5.0	12.0
	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	12.0	<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
	7/21/2010	15.6	9.7	267	8.3	<5.0	239
	10/12/2010	<5.0	<5.0	100	<5.0	<5.0	96.1
	1/19/2011	<5.0	14.4	80.9	12.7	<5.0	88.0
	5/4/2011	429	76.6	464	16.9	<5.0	130
	7/27/2011	24.5	14.3	206	7.2	<5.0	295
	10/19/2011	5.2	<5.0	134	<5.0	<5.0	198
	2/14/2012	35.0	21.6	357	6.7	<5.0	265
	4/24/2012	54.0	23.8	194	6.1	<5.0	196
	8/2/2012	<5.0	<5.0	111	<5.0	<5.0	256
	11/15/2012	23.0	21.7	309	13.2	<5.0	286
	2/28/2013	41.8	25.5	294	9.2	<5.0	273
	5/14/2013	13.2	11.3	164	<5.0	<5.0	347
	9/25/2013	6.6	5.2	126	<5.0	<5.0	463
	11/13/2013	9.2	9.1	221	6.1	<5.0	264
	2/25/2014	59.9	56.4	426	12.0	<5.0	216
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	27.0	<5.0	49.0
	3/20/2008	<5.0	<5.0	420	17.0	<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
	7/21/2010	<5.0	<5.0	120	7.4	<5.0	4.3
	10/12/2010	<5.0	<5.0	85.1	5.6	<5.0	<2.0
	1/19/2011	<5.0	<5.0	46.3	12.9	<5.0	<2.0
	4/30/2011	<5.0	<5.0	8.3	<5.0	<5.0	<2.0
	7/26/2011	<5.0	<5.0	15.1	<5.0	<5.0	<2.0
	10/21/2011	<5.0	<5.0	33.9	<5.0	<5.0	<2.0
	2/14/2012	<5.0	<5.0	5.4	<5.0	<5.0	<2.0
	4/24/2012	<5.0	<5.0	42.5	5.1	<5.0	<2.0
	7/31/2012	<5.0	<5.0	62.7	5.4	<5.0	<2.0
	11/13/2012	<5.0	<5.0	27.6	<5.0	<5.0	<2.0
	3/4/2013	<5.0	<5.0	5.2	<5.0	<5.0	<2.0
	5/13/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/20/2013	<5.0	<5.0	43.9	5.2	<5.0	<2.0
	11/11/2013	<5.0	<5.0	33.0	<5.0	<5.0	<2.0
	2/25/2014	<5.0	<5.0	25.6	<5.0	<5.0	<2.0

Table 4
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Quarter 1 - 2014
Michigan Plaza
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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-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	11.4	<5.0	<5.0	**2.1**
	4/20/2010	<5.0	<5.0	5.3	<5.0	<5.0	<2.0
	7/21/2010	<5.0	<5.0	25.4	<5.0	<5.0	**7.3**
	10/12/2010	<5.0	<5.0	16.8	<5.0	<5.0	<2.0
	1/18/2011	<5.0	<5.0	19.7	<5.0	<5.0	<2.0
	4/30/2011	<5.0	<5.0	30.6	<5.0	<5.0	**2.7**
	7/26/2011	<5.0	<5.0	24.3	<5.0	<5.0	<2.0
	10/18/2011	<5.0	<5.0	39.4	<5.0	<5.0	<2.0
	2/14/2012	<5.0	<5.0	24.0	<5.0	<5.0	<2.0
	4/23/2012	<5.0	<5.0	45.2	<5.0	<5.0	**2.6**
	7/31/2012	<5.0	<5.0	46.9	<5.0	<5.0	**3.0**
	11/13/2012	<5.0	<5.0	**84.3**	<5.0	<5.0	**5.3**
	3/4/2013	<5.0	<5.0	42.8	<5.0	<5.0	**2.3**
	5/10/2013	<5.0	<5.0	**71.1**	<5.0	<5.0	<2.0
	9/20/2013	<5.0	<5.0	**129**	<5.0	<5.0	**9.2**
	11/13/2013	<5.0	<5.0	32.5	<5.0	<5.0	<2.0
	2/24/2014	<5.0	<5.0	**101**	<5.0	<5.0	**5.8**
MMW-15S	2/15/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/26/2012	<5.0	<5.0	11.2	<5.0	<5.0	<2.0
	8/6/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/21/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/6/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/17/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/18/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/14/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
Deep Upper Aquifer Wells							
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**	<5.0	<5.0	**220**
	2/22/2007	<5.0	<5.0	**1,460**	<5.0	<5.0	**248**
	6/2/2008	<5.0	<5.0	**515**	<5.0	<5.0	**32.2**
	6/15/2009	<5.0	<5.0	**892**	7.0	<5.0	**142**
	4/20/2010	<5.0	<5.0	**719**	<5.0	<5.0	**237**
	4/29/2011	<5.0	<5.0	**1,050**	<5.0	<5.0	**164**
	2/14/2012	<5.0	<5.0	**639**	<5.0	<5.0	**237**
	4/23/2012	<5.0	<5.0	**338**	<5.0	<5.0	**176**
	7/31/2012	<5.0	<5.0	**347**	<5.0	<5.0	**129**
	11/13/2012	<5.0	<5.0	**463**	<5.0	<5.0	**164**
	3/5/2013	<5.0	<5.0	**396**	<5.0	<5.0	**202**
	5/9/2013	<5.0	<5.0	**418**	<5.0	<5.0	**125**
	9/20/2013	<5.0	<5.0	**260**	<5.0	<5.0	**124**
	11/11/2013	<5.0	<5.0	**275**	<5.0	<5.0	**155**
	2/24/2014	<5.0	<5.0	**311**	<5.0	<5.0	**174**

Table 4
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Quarter 1 - 2014
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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-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**	13.0	<5.0	**270**
	11/10/2005	<5.0	<5.0	**3,900**	19.0	<5.0	**140**
	9/5/2006	<50.0	<50	**2,500**	<50	<5.0	**170**
	2/22/2007	<50.0	<50	**3,970**	<50	<5.0	**359**
	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**
	4/29/2011	<5.0	<5.0	**659**	<5.0	<5.0	**166**
	4/23/2012	<5.0	<5.0	**228**	<5.0	<5.0	**126**
	5/9/2013	<5.0	<5.0	**467**	<5.0	<5.0	**168**
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**
	2/21/2007	<5.0	<5.0	**171**	<5.0	<5.0	**282**
	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**
	4/29/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**51.1**
	2/14/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**43.9**
	4/23/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**38.5**
	7/31/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**38.1**
	11/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**57.5**
	3/5/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**61.1**
	5/9/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**37.4**
	9/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**49.4**
	11/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**53.5**
	2/24/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**51.6**
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**
	7/21/2010	<5.0	<5.0	**396**	21.8	<5.0	**10.9**
	10/12/2010	<5.0	<5.0	**162**	<5.0	<5.0	<2.0
	1/19/2011	<5.0	<5.0	**570**	26.7	<5.0	**5.9**
	4/30/2011	<5.0	<5.0	**356**	17.2	<5.0	**3.6**
	7/26/2011	<5.0	<5.0	**304**	18.3	<5.0	**3.6**
	10/21/2011	<5.0	<5.0	**751**	22.7	<5.0	**11.8**
	2/14/2012	<5.0	<5.0	**240**	19.0	<5.0	<2.0
	4/24/2012	<5.0	<5.0	**186**	13.0	<5.0	<2.0
	7/31/2012	<5.0	<5.0	**310**	20.3	<5.0	**3.2**
	11/13/2012	<5.0	<5.0	**309**	14.6	<5.0	**2.9**
	3/4/2013	<5.0	<5.0	**221**	18.9	<5.0	<2.0
	5/13/2013	<5.0	<5.0	**170**	10.8	<5.0	<2.0
	9/24/2013	<5.0	<5.0	**524**	25.3	<5.0	**7.7**
	11/11/2013	<5.0	<5.0	**379**	19.1	<5.0	**5.7**
	2/25/2014	<5.0	<5.0	**312**	17.6	<5.0	**2.8**
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**	6.2	<5.0	**260**
	4/22/2010	<5.0	<5.0	**469**	<5.0	<5.0	**4.6**
	7/21/2010	<5.0	<5.0	**432**	<5.0	<5.0	**16.6**
	10/12/2010	<5.0	<5.0	**1,200**	<5.0	<5.0	**187**
	1/19/2011	<5.0	<5.0	**920**	12.3	<5.0	**179**
	4/30/2011	<5.0	<5.0	**527**	<5.0	<5.0	**15.4**
	7/26/2011	<5.0	<5.0	**328**	<5.0	<5.0	**11.9**
	10/18/2011	<5.0	<5.0	**771**	5.2	<5.0	**140**
	2/14/2012	<5.0	<5.0	**331**	<5.0	<5.0	**9.9**
	4/24/2012	<5.0	<5.0	**422**	<5.0	<5.0	**46.7**
	7/31/2012	<5.0	<5.0	**684**	<5.0	<5.0	**147**
	11/13/2012	<5.0	<5.0	**765**	<5.0	<5.0	**135**
	3/4/2013	<5.0	<5.0	**374**	<5.0	<5.0	**21.7**
	5/10/2013	<5.0	<5.0	**196**	<5.0	<5.0	**7.5**
	9/20/2013	<5.0	<5.0	**664**	<5.0	<5.0	**139**
	11/11/2013	<5.0	<5.0	**596**	<5.0	<5.0	**137**
	2/25/2014	<5.0	<5.0	**413**	<5.0	<5.0	**33.3**
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**

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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-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**	13.9	<5.0	**84.9**
	4/20/2010	<5.0	<5.0	**763**	14.1	<5.0	**72.8**
	7/21/2010	<5.0	<5.0	**805**	14.6	<5.0	**60.8**
	10/12/2010	<5.0	<5.0	**775**	8.4	<5.0	**83.3**
	1/18/2011	<5.0	<5.0	**785**	24.0	<5.0	**109**
	4/30/2011	<5.0	<5.0	**1,070**	14.7	<5.0	**68.3**
	7/26/2011	<5.0	<5.0	**875**	15.3	<5.0	**81.0**
	10/19/2011	<5.0	<5.0	**898**	11.1	<5.0	**92.6**
	2/14/2012	<5.0	<5.0	**1,080**	17.4	<5.0	**89.7**
	4/23/2012	<5.0	<5.0	**996**	11.0	<5.0	**79.6**
	7/31/2012	<5.0	<5.0	**795**	13.5	<5.0	**95.1**
	11/13/2012	<5.0	<5.0	**1,010**	10.0	<5.0	**105**
	3/4/2013	<5.0	<5.0	**983**	16.2	<5.0	**96.4**
	5/10/2013	<5.0	<5.0	**830**	12.8	<5.0	**57.9**
	9/20/2013	<5.0	<5.0	**949**	10.2	<5.0	**150**
	11/13/2013	<5.0	<5.0	**985**	9.7	<5.0	**121**
	2/24/2014	<5.0	<5.0	**1,170**	9.8	<5.0	**98.3**
MMW-15D	2/15/2012	<5.0	<5.0	7.3	<5.0	<5.0	<2.0
	4/26/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/6/2012	<5.0	<5.0	11.6	<5.0	<5.0	**3.1**
	11/21/2012	<5.0	<5.0	10.6	<5.0	<5.0	<2.0
	3/6/2013	<5.0	<5.0	10	<5.0	<5.0	**2.7**
	5/17/2013	<5.0	<5.0	9.8	<5.0	<5.0	<2.0
	9/18/2013	<5.0	<5.0	10.6	<5.0	<5.0	**2.7**
	11/14/2013	<5.0	<5.0	8.6	<5.0	<5.0	<2.0
	2/28/2014	<5.0	<5.0	7.9	<5.0	<5.0	**5.1**
Monitoring Wells (Plaza)							
Shallow Upper Aquifer Wells							
MMW-P-01	11/9/2005	**33**	**210**	**160**	9.6	<5.0	**76.0**
	2/22/2007	**85.2**	**356**	**274**	16.7	<5.0	**28.7**
	6/14/2007	**111**	**368**	**350**	10.0	<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	**87.0**
	3/21/2008	**120**	**170**	**3,100**	25.0	<5.0	**42.0**
	6/5/2008	**22.0**	**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**	<50.0	**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**	**79.0**	**9,400**	94.7	<50.0	**12,600**
	7/7/2010	<50.0	<50.0	**1,880**	<50.0	<50.0	**2,960**
	10/14/2010	<125	<125	**4,760**	<125	<125	**5,440**
	1/20/2011	**153**	**140**	**1,960**	<50.0	<50.0	**11,100**
	5/5/2011	**8.4**	**26.8**	**281**	<5.0	<5.0	**232**
	7/28/2011	**5.7**	**6.0**	**734**	<5.0	<5.0	**1,070**
	10/24/2011	**23.4**	**10.0**	**839**	9.10	<5.0	**1,410**
	2/13/2012	**15.0**	<5.0	**438**	<5.0	<5.0	**2,270**
	4/25/2012	**21.8**	**11.0**	**459**	8.1	<5.0	**1,720**
	8/2/2012	**12.0**	**8.0**	**377**	<5.0	<5.0	**1,680**
	11/14/2012	**24.5**	**13.1**	**619**	14.1	<5.0	**3,060**
	3/4/2013	**24.4**	**12.4**	**527**	12.9	<5.0	**2,810**
	5/15/2013	**8.5**	**15.4**	**173**	<5.0	<5.0	**785**
	9/26/2013	**28.1**	**13.3**	**302**	8.1	<5.0	**1,070**
	11/12/2013	**18.6**	**12.0**	**317**	8.4	<5.0	**1,300**
	2/27/2014	**14.6**	**10.5**	**291**	8.9	<5.0	**1,550**

Table 4
Cumulative Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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-02	11/8/2005	24.0	<5.0	87.0	7.3	<5.0	49.0
	2/22/2007	184	<5.0	39.4	<5.0	<5.0	27.4
	6/14/2007	17.1	<5.0	35.0	<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	69.0	<5.0	<5.0	53.0
	3/20/2008	19.0	<5.0	67.0	<5.0	<5.0	42.0
	6/5/2008	94.9	<5.0	44.0	<5.0	<5.0	46.4
	9/11/2008	17.5	<5.0	46.6	<5.0	<5.0	42.0
	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	56.0	8.0	<5.0	110
	7/21/2010	24.0	<5.0	72.4	<5.0	<5.0	161
	10/13/2010	9.3	<5.0	61.0	<5.0	<5.0	95.0
	1/19/2011	15.9	<5.0	64.3	14.0	<5.0	396
	5/4/2011	9.2	<5.0	56.5	<5.0	<5.0	386
	7/27/2011	<5.0	<5.0	42.9	<5.0	<5.0	218
	10/19/2011	9.1	<5.0	36.9	<5.0	<5.0	304
	2/13/2012	<5.0	<5.0	120.0	<5.0	<5.0	479
	4/25/2012	<5.0	<5.0	53.4	<5.0	<5.0	274
	8/1/2012	6.4	<5.0	34.2	<5.0	<5.0	257
	11/14/2012	6.7	<5.0	54.0	<5.0	<5.0	803
	3/4/2013	<5.0	<5.0	52.5	<5.0	<5.0	347
	5/14/2013	<5.0	<5.0	27.9	<5.0	<5.0	142
	9/25/2013	11.2	<5.0	22.7	<5.0	<5.0	165
	11/12/2013	9.9	<5.0	28.4	<5.0	<5.0	187
	2/26/2014	<5.0	<5.0	30.9	<5.0	<5.0	194
MMW-P-03S	11/9/2005	110	<5.0	97.0	9.6	<5.0	<2.0
	2/22/2007	397	<5.0	105	10.0	<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	16.0
	12/13/2007	67.0	<5.0	88.0	5.3	<5.0	15.0
	3/20/2008	130	<5.0	84.0	7.3	<5.0	10.0
	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	6.0	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	25.0	<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
	7/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	141
	10/13/2010	<5.0	<5.0	70.9	9.2	<5.0	542
	1/19/2011	<5.0	<5.0	79.7	19.4	<5.0	338
	5/4/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/27/2011	<5.0	<5.0	29.3	<5.0	<5.0	245
	10/19/2011	<5.0	<5.0	33.5	6.6	<5.0	446
	2/13/2012	<5.0	<5.0	48.0	<5.0	<5.0	221
	4/25/2012	<5.0	<5.0	18.4	<5.0	<5.0	257
	8/1/2012	<5.0	<5.0	16.1	<5.0	<5.0	294
	11/14/2012	<5.0	<5.0	12.3	<5.0	<5.0	113
	3/4/2013	<5.0	<5.0	49.4	<5.0	<5.0	124
	5/14/2013	<5.0	<5.0	31.6	<5.0	<5.0	176
	9/26/2013	<5.0	<5.0	29.8	<5.0	<5.0	2,500
	11/12/2013	<5.0	<5.0	39.7	<5.0	<5.0	2,560
	2/26/2014	<5.0	<5.0	85.2	<5.0	<5.0	1,580

Table 4
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Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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-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	62.0	<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	6.0	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	45.0	<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	22.0	<5.0	2.0
	8/6/2009	<5.0	<5.0	15.1	<5.0	<5.0	<2.0
	11/5/2009	<5.0	<5.0	1,190	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
	7/22/2010	<5.0	<5.0	189	12.9	<5.0	402
	10/13/2010	<5.0	<5.0	10.3	<5.0	<5.0	16.8
	2/18/2011	<5.0	<5.0	6.4	<5.0	<5.0	36.3
	5/5/2011	144	<5.0	76.2	<5.0	<5.0	124
	7/28/2011	<5.0	<5.0	30.6	<5.0	<5.0	78.8
	10/24/2011	<5.0	<5.0	14.8	<5.0	<5.0	68.7
	2/16/2012	<5.0	<5.0	6.9	<5.0	<5.0	16.1
	5/1/2012	<5.0	<5.0	<5.0	<5.0	<5.0	5.7
	8/10/2012	<5.0	<5.0	5.8	<5.0	<5.0	2.7
	11/21/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/9/2013	28.2	<5.0	50.1	<5.0	<5.0	6.1
	5/20/2013	45.7	11.3	102	<5.0	<5.0	10.3
	9/26/2013	<5.0	<5.0	15.5	<5.0	<5.0	8.1
	11/18/2013	<5.0	<5.0	<5.0	<5.0	<5.0	6.2
	3/4/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
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
	7/21/2010	<5.0	<5.0	10.4	<5.0	<5.0	5.3
	10/13/2010	<5.0	<5.0	13.6	<5.0	<5.0	3.9
	1/20/2011	<5.0	<5.0	14.1	<5.0	<5.0	<2.0
	4/30/2011	<5.0	<5.0	<5.0	<5.0	<5.0	9.2
	7/27/2011	<5.0	<5.0	10.3	<5.0	<5.0	307
	10/19/2011	<5.0	<5.0	8.3	<5.0	<5.0	48.3
	2/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	79.4
	4/25/2012	<5.0	<5.0	<5.0	<5.0	<5.0	80.9
	8/2/2012	<5.0	<5.0	<5.0	<5.0	<5.0	157
	11/14/2012	<5.0	<5.0	<5.0	<5.0	<5.0	151
	3/4/2013	<5.0	<5.0	<5.0	<5.0	<5.0	173
	5/14/2013	<5.0	<5.0	<5.0	<5.0	<5.0	249
	9/26/2013	<5.0	<5.0	<5.0	<5.0	<5.0	248
	11/13/2013	<5.0	<5.0	<5.0	<5.0	<5.0	170
	3/4/2014	<5.0	<5.0	7.4	<5.0	<5.0	50.3

Table 4
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Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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-06	11/8/2005	<5.0	<5.0	**200**	24.0	<5.0	**21.0**
	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**	40.0	<5.0	**31.0**
	3/20/2008	<5.0	<5.0	**250**	31.0	<5.0	**26.0**
	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	8.0	<5.0	**2,470**
	7/21/2010	<50.0	<50.0	<50.0	<50.0	<50.0	**5,870**
	10/14/2010	<100	<100	<100	<100	<100	**12,900**
	1/20/2011	<100	<100	**2,700**	<100	<100	**15,000**
	5/4/2011	<50.0	<50.0	**2,850**	<50.0	<50.0	**14,400**
	7/28/2011	<50.0	<50.0	**1,670**	<50.0	<50.0	**15,600**
	10/24/2011	<50.0	<50.0	**10,100**	<50.0	<50.0	**11,300**
	2/13/2012	<50.0	<50.0	**2,800**	<50.0	<50.0	**10,100**
	4/26/2012	<5.0	<5.0	**3,220**	29.2	<5.0	**7,090**
	8/2/2012	<5.0	<5.0	**6,420**	47.0	<5.0	**6,510**
	11/14/2012	<5.0	<5.0	**4,640**	<5.0	<5.0	**6,170**
	3/4/2013	<50.0	<50.0	**2,230**	<50.0	<50.0	**5,010**
	5/15/2013	<50.0	<50.0	**1,260**	<50.0	<50.0	**1,320**
	9/26/2013	<5.0	<5.0	**2,280**	<5.0	<5.0	**2,590**
	11/13/2013	<5.0	<5.0	**2,870**	36.7	<5.0	**2,630**
	3/4/2014	<5.0	<5.0	**1,410**	19.8	<5.0	**1,850**
MMW-P-07	2/22/2007	**3,060**	**81.5**	**82.0**	8.8	<5.0	<2.0
	6/14/2007	**2,850**	**90.0**	**82.5**	<50.0	<50.0	<20.0
	9/20/2007	**5,200**	**109**	**121**	16.1	<5.0	**2.0**
	12/13/2007	**1,440**	**157**	**930**	8.8	7.4	**80.0**
	3/21/2008	**31.0**	**7.6**	**1,700**	27.0	<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**
	4/22/2010	<5.0	**7.0**	**1,050**	23.7	<5.0	**2,080**
	7/22/2010	<5.0	<5.0	**247**	7.8	<5.0	**1,680**
	10/14/2010	<25.0	<25.0	**665**	<25.0	<25.0	**2,310**
	1/20/2011	<5.0	<5.0	**295**	13.9	<5.0	**562**
	5/4/2011	<5.0	<5.0	**72.0**	<5.0	<5.0	**2,170**
	7/28/2011	<5.0	<5.0	**73.6**	<5.0	<5.0	**978**
	10/24/2011	<5.0	<5.0	37.3	<5.0	<5.0	**388**
	2/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**330**
	4/25/2012	<5.0	<5.0	11.6	<5.0	<5.0	**266**
	8/2/2012	<5.0	<5.0	33.7	<5.0	<5.0	**405**
	11/14/2012	<5.0	<5.0	42.2	<5.0	<5.0	**607**
	3/4/2013	<5.0	<5.0	23.9	<5.0	<5.0	**386**
	5/14/2013	<5.0	<5.0	46.2	<5.0	<5.0	**283**
	9/25/2013	<5.0	<5.0	25.1	<5.0	<5.0	**239**
	11/12/2013	<5.0	<5.0	26.5	<5.0	<5.0	**209**
	2/27/2014	<5.0	<5.0	59.1	<5.0	<5.0	**406**

Table 4
Cumulative Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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-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	11.0	6,500	130	<5.0	55.0
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	562
	9/11/2008	5.8	5.0	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	<50.0	<50.0	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
	7/22/2010	<5.0	<5.0	97.8	<5.0	<5.0	1,320
	10/14/2010	<25.0	<25.0	39.5	<25.0	<25.0	676
	1/20/2011	<5.0	<5.0	590	14.8	<25.0	1,770
	5/4/2011	<5.0	<5.0	288	<5.0	<5.0	2,030
	7/27/2011	<5.0	<5.0	35.9	<5.0	<5.0	274
	10/24/2011	<5.0	<5.0	32.5	<5.0	<5.0	136
	2/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	52.5
	4/25/2012	<5.0	<5.0	5.0	<5.0	<5.0	85.2
	8/2/2012	<5.0	<5.0	879	13.9	<5.0	561
	11/14/2012	<5.0	<5.0	18.4	<5.0	<5.0	436
	3/4/2013	<5.0	<5.0	111	<5.0	<5.0	934
	5/14/2013	<5.0	<5.0	737	5.2	<5.0	2,040
	9/25/2013	<5.0	<5.0	37.2	<5.0	<5.0	197
	11/12/2013	<5.0	<5.0	95.9	<5.0	<5.0	1,070
	2/27/2014	23.7	16.7	1,130	14.8	<5.0	1,560
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
	7/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/13/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/19/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/30/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/26/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/18/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/15/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/24/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/1/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/5/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/13/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/25/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0

Table 4
Cumulative Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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-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	71.0	<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	15.0	9.7	537	16.0	<5.0	114
	9/11/2008	74.8	36.5	1,650	74.0	<5.0	27.7
	11/19/2008	78.6	28.0	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
	7/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	16.5
	10/14/2010	<5.0	<5.0	5.4	<5.0	<5.0	381
	1/20/2011	<5.0	<5.0	11.7	<5.0	<5.0	27.8
	5/5/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/27/2011	<5.0	<5.0	<5.0	<5.0	<5.0	12.5
	10/21/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/25/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/2/2012	<5.0	<5.0	<5.0	<5.0	<5.0	26.8
	11/14/2012	<5.0	<5.0	<5.0	<5.0	<5.0	2.3
	2/28/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/15/2013	<5.0	<5.0	<5.0	<5.0	<5.0	2.3
	9/25/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/12/2013	<5.0	<5.0	<5.0	<5.0	<5.0	2.8
	2/26/2014	<5.0	<5.0	<5.0	<5.0	<5.0	4.3
MMW-P-12S	9/9/2011	<5.0	<5.0	741	14.1	<5.0	50.8
	10/24/2011	<5.0	<5.0	642	19.2	<5.0	60.7
	2/15/2012	<5.0	<5.0	777	14.5	<5.0	61.4
	5/1/2012	<5.0	<5.0	454	12.4	<5.0	50.9
	8/7/2012	<5.0	<5.0	679	20.3	<5.0	51.8
	11/19/2012	<5.0	<5.0	763	15.8	<5.0	76.1
	3/9/2013	<5.0	<5.0	505	18.0	<5.0	63.0
	5/20/2013	7.4	<5.0	480	17.6	<5.0	29.9
	9/24/2013	<5.0	<5.0	538	15.0	<5.0	19.4
	11/18/2013	<5.0	<5.0	388	7.4	<5.0	122
	2/4/2014	<5.0	<5.0	284	5.5	<5.0	78.6
Deep Upper Aquifer Wells							
MMW-P-03D	11/9/2005	22.0	<5.0	42.0	<5.0	<5.0	2.0
	2/22/2007	48.9	<5.0	57.8	<5.0	39.0	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	11.0	<5.0	40.0	<5.0	<5.0	20.0
	39527	<5.0	<5.0	170	6.0	<5.0	18.0
	39604	<5.0	<5.0	150	7.4	<5.0	26.0
	39702	<5.0	<5.0	95.7	6.4	<5.0	<2.0
	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
	7/21/2010	6.6	<5.0	271	8.1	<5.0	305
	10/13/2010	<5.0	<5.0	<5.0	<5.0	<5.0	16.2
	1/19/2011	<5.0	<5.0	<5.0	<5.0	<5.0	46.2
	5/4/2011	<5.0	<5.0	64.3	<5.0	<5.0	118
	7/27/2011	<5.0	<5.0	<5.0	<5.0	<5.0	10.5
	10/18/2011	<5.0	<5.0	<5.0	<5.0	<5.0	61.5
	2/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	4.0
	4/25/2012	<5.0	<5.0	<5.0	<5.0	<5.0	16.6
	8/1/2012	<5.0	<5.0	<5.0	<5.0	<5.0	175
	11/14/2012	<5.0	<5.0	<5.0	<5.0	<5.0	17.3
	3/4/2013	<5.0	<5.0	<5.0	<5.0	<5.0	51.7
	5/14/2013	<5.0	<5.0	<5.0	<5.0	<5.0	418
	9/26/2013	<5.0	<5.0	<5.0	<5.0	<5.0	664
	11/12/2013	<5.0	<5.0	<5.0	<5.0	<5.0	1,960
	2/26/2014	<5.0	<5.0	<5.0	<5.0	<5.0	684

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Quarter 1 - 2014
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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	71.0
	3/20/2008	<5.0	<5.0	<5.0	<5.0	<5.0	3.0
	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
	7/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	81.2
	10/13/2010	<5.0	<5.0	<5.0	<5.0	<5.0	70.6
	1/19/2011	<5.0	<5.0	<5.0	<5.0	<5.0	66.9
	4/30/2011	<5.0	<5.0	<5.0	<5.0	<5.0	74.5
	7/26/2011	<5.0	<5.0	<5.0	<5.0	<5.0	83.3
	10/21/2011	<5.0	<5.0	<5.0	<5.0	<5.0	71.9
	2/15/2012	<5.0	<5.0	<5.0	<5.0	<5.0	70.7
	4/24/2012	<5.0	<5.0	<5.0	<5.0	<5.0	56.6
	8/1/2012	<5.0	<5.0	<5.0	<5.0	<5.0	69.2
	11/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	61.6
	3/5/2013	<5.0	<5.0	<5.0	<5.0	<5.0	96.4
	5/13/2013	<5.0	<5.0	<5.0	<5.0	<5.0	27.8
	9/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	67.5
	11/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	76.8
	2/25/2014	<5.0	<5.0	<5.0	<5.0	<5.0	95.5
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	9.0	<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	77.0
	3/20/2008	<5.0	<5.0	<5.0	<5.0	<5.0	3.0
	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
	7/22/2010	<5.0	<5.0	120	<5.0	<5.0	865
	10/14/2010	<25.0	<25.0	<25.0	<25.0	<25.0	707
	1/20/2011	<5.0	<5.0	21.4	<5.0	<5.0	1,210
	5/5/2011	<5.0	<5.0	8.1	<5.0	<5.0	272
	7/27/2011	<5.0	<5.0	46.5	<5.0	<5.0	825
	10/21/2011	<5.0	<5.0	<5.0	<5.0	<5.0	444
	2/13/2012	<5.0	<5.0	28.7	<5.0	<5.0	1790
	4/25/2012	<5.0	<5.0	<5.0	<5.0	<5.0	289
	8/2/2012	<5.0	<5.0	<5.0	<5.0	<5.0	475
	11/14/2012	<5.0	<5.0	<5.0	<5.0	<5.0	964
	2/28/2013	<5.0	<5.0	8.9	<5.0	<5.0	181
	5/15/2013	<5.0	<5.0	15.4	<5.0	<5.0	450
	9/25/2013	<5.0	<5.0	152	<5.0	<5.0	2,020
	11/12/2013	<5.0	<5.0	18.3	<5.0	<5.0	590
	2/27/2014	<5.0	<5.0	356	<5.0	<5.0	2,000
MMW-P-12D	9/9/2011	<5.0	<5.0	678	15.9	<5.0	63.0
	10/24/2011	<5.0	<5.0	644	14.2	<5.0	71.3
	2/15/2012	<5.0	<5.0	727	15.0	<5.0	65.1
	5/1/2012	<5.0	<5.0	591	15.2	<5.0	69.4
	8/7/2012	<5.0	<5.0	750	18.8	<5.0	67.6
	11/20/2012	<5.0	<5.0	793	17.4	<5.0	91.8
	3/9/2013	<5.0	<5.0	619	20.6	<5.0	71.4
	5/20/2013	<5.0	<5.0	739	22.2	<5.0	33.7
	9/24/2013	<5.0	<5.0	813	20.0	<5.0	37.8
	11/18/2013	<5.0	<5.0	494	8.8	<5.0	113
	2/4/2014	<5.0	<5.0	460	8.3	<5.0	125

Table 4
Cumulative Monitoring Well Groundwater Analytical Results
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Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
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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
ENVIRON Monitoring Wells (Off-site)							
Shallow Upper Aquifer Wells							
MW-165S	6/1/2001	NA	<5.0	23.8	<5.0	NA	<2.0
	7/18/2002	NA	<1.0	66.6	<1.0	NA	**36.6**
	12/5/2003	NA	<5.0	25	<5.0	NA	**10**
	3/11/2004	NA	<5.0	23	<5.0	NA	**13**
	6/3/2004	NA	<5.0	19	<5.0	NA	**6.5**
	9/14/2004	NA	<1.0	22	<1.0	NA	**6.4**
	12/20/2004	NA	<1.0	27	<1.0	NA	**13**
	3/15/2005	NA	<1.0	44	<1.0	NA	**26**
	6/13/2005	NA	<1.0	11	<1.0	NA	**4.2**
	9/21/2005	NA	<1.0	19.5	<1.0	NA	**13.6**
	12/6/2003	NA	<1.0	14	<1.0	NA	**16**
	3/14/2006	NA	<1.0	3.6	<1.0	NA	1.1
	6/13/2006	NA	<1.0	5.4	<1.0	NA	**6.3**
	9/27/2006	NA	<1.0	9.1	<1.0	NA	**15**
	12/21/2006	NA	<1.0	7.5	<1.0	NA	**14**
	3/21/2007	NA	<1.0	7	<1.0	NA	**33**
	7/2/2007	NA	<1.0	4.6	<1.0	NA	**17**
	9/7/2007	NA	<1.0	4.3	<1.0	NA	**10**
	11/28/2007	NA	<1.0	4.1	<1.0	NA	**4.0**
	3/19/2008	NA	<1.0	2.2	<1.0	NA	**2.2**
	5/28/2008	NA	<1.0	2.4	<1.0	NA	**7.4**
	9/23/2008	NA	<1.0	3.6	<1.0	NA	**2.6**
	12/2/2008	NA	<1.0	2.8	<1.0	NA	**2.9**
	3/12/2009	NA	<1.0	1.7	<1.0	NA	1.1
	6/18/2009	NA	<1.0	1.9	<1.0	NA	**4.7**
	9/15/2009	NA	<1.0	2.8	<1.0	NA	**3.2**
	11/3/2009	NA	<1.0	2.9	<1.0	NA	**2.4**
	2/3/2010	NA	<5.0	<5.0	<5.0	NA	<2.0
	5/19/2010	NA	<5.0	<5.0	<5.0	NA	<2.0
	9/17/2010	NA	<5.0	<5.0	<5	NA	**3.6**
	12/8/2010	NA	<5.0	<5.0	<5	NA	<2.0
	2/15/2011	NA	<5.0	<5.0	<5.0	NA	<2.0
	9/16/2011	NA	<5.0	<5.0	<5.0	NA	<2.0
	3/8/2012	NA	<5.0	<5.0	<5.0	NA	<2.0
	10/3/2012	NA	<5.0	<5.0	<5.0	NA	<2.0
	4/9/2013	NA	<5.0	<5.0	<5.0	NA	<2.0

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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-166S	6/1/2001	NA	<5.0	**553**	<5.0	NA	**63**
	7/18/2002	NA	<1.0	**222**	1.5	NA	**15.8**
	12/19/2003	NA	<5.0	**130**	8.3	NA	**7.7**
	3/11/2004	NA	<5.0	**140**	<5.0	NA	<2.0
	6/3/2004	NA	<5.0	**270**	5.2	NA	**17**
	9/14/2004	NA	<10	**290**	11	NA	**18**
	12/20/2004	NA	<10	**350**	37	NA	**19**
	3/15/2005	NA	<10	**290**	66	NA	**61**
	6/13/2005	NA	<1.0	**310**	7.1	NA	**11**
	9/21/2005	NA	<1.0	**298**	3.77	NA	**10**
	12/6/2005	NA	<1.0	**280**	16	NA	**11**
	3/14/2006	NA	<1.0	**89**	1.6	NA	**4.1**
	6/13/2006	NA	<1.0	**340**	9.8	NA	**10**
	9/27/2006	NA	<1.0	**360**	17	NA	**17**
	12/21/2006	NA	<1.0	**340**	12	NA	**11**
	3/21/2007	NA	<1.0	44	1.8	NA	1.3
	7/2/2007	NA	<1.0	**340**	12	NA	**11**
	9/7/2007	NA	<1.0	**280**	12	NA	**15**
	11/28/2007	NA	<1.0	**350**	6.9	NA	**14**
	3/19/2008	NA	<1.0	**270**	7.9	NA	**16**
	5/28/2008	NA	<1.0	**230**	7	NA	**6.7**
	9/23/2008	NA	<1.0	**250**	18	NA	**7.7**
	12/2/2008	NA	<1.0	**250**	7.3	NA	**11**
	3/12/2009	NA	<1.0	**190**	5.6	NA	**5.6**
	6/18/2009	NA	<1.0	17	<1.0	NA	<1.0
	9/15/2009	NA	<1.0	**230**	8.1	NA	**7.2**
	11/3/2009	NA	<1.0	**170**	9.7	NA	**6.5**
	2/3/2010	NA	<5.0	**159**	5	NA	**2.8**
	5/19/2010	NA	<5.0	**145**	6.1	NA	**6.6**
	9/17/2010	NA	<5.0	**217**	6.4	NA	**4.8**
	12/8/2010	NA	<5	**194**	<5	NA	**6.8**
	2/15/2011	NA	<5.0	**170**	<5.0	NA	<2.0
	9/16/2011	NA	<5.0	**150**	5	NA	<2.0
	3/7/2012	NA	<5.0	**116**	<5.0	NA	<2.0
	10/3/2012	NA	<5.0	**130**	<5.0	NA	**2.4**
	4/9/2013	NA	<5.0	**85.4**	<5.0	NA	<2.0

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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-167S	6/1/2001	NA	<5.0	<5.0	<5.0	NA	**11**
	7/17/2002	NA	<1.0	<1.0	<1.0	NA	1.7
	12/4/2003	NA	<5.0	<5.0	<5.0	NA	<2.0
	3/11/2004	NA	<5.0	<5.0	<5.0	NA	<2.0
	6/3/2004	NA	<5.0	7.7	<5.0	NA	**3.3**
	9/14/2004	NA	<1.0	<1.0	<1.0	NA	**5.9**
	12/21/2004	NA	<1.0	<1.0	<1.0	NA	**20**
	3/15/2005	NA	<1.0	<1.0	<1.0	NA	<1.0
	6/13/2005	NA	<1.0	<1.0	<1.0	NA	**1.1**
	9/23/2005	NA	<1.0	<1.0	<1.0	NA	**6.0**
	11/7/2005	<5.0	<5.0	<5.0	<5.0	<5.0	**14.0**
	12/6/2005	NA	<1.0	<1.0	<1.0	NA	**26**
	3/13/2006	NA	<1.0	<1.0	<1.0	NA	<1.0
	6/12/2006	NA	<1.0	<1.0	<1.0	NA	<1.0
	9/27/2009	NA	<1.0	<1.0	<1.0	NA	<1.0
	12/21/2006	NA	<1.0	<1.0	<1.0	NA	<1.0
	2/21/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/21/2007	NA	<1.0	<1.0	<1.0	NA	<1.0
	7/2/2007	NA	<1.0	<1.0	<1.0	NA	<1.0
	9/7/2007	NA	<1.0	<1.0	<1.0	NA	<1.0
	11/28/2007	NA	<1.0	<1.0	<1.0	NA	**4.0**
	3/19/2008	NA	<1.0	<1.0	<1.0	NA	<1.0
	5/28/2008	NA	<1.0	<1.0	<1.0	NA	<1.0
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/23/2008	NA	**9.5**	<1.0	<1.0	NA	<1.0
	12/1/2008	NA	<1.0	<1.0	<1.0	NA	**2.3**
	3/12/2009	NA	<1.0	<1.0	<1.0	NA	<1.0
	6/17/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/16/2009	NA	<1.0	<1.0	<1.0	NA	<1.0
	11/3/2009	NA	<1.0	<1.0	<1.0	NA	<1.0
	2/3/2010	NA	<5.0	<5.0	<5.0	NA	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/19/2010	NA	<5.0	<5.0	<5.0	NA	<2.0
	9/16/2010	NA	<5	<5	<5	NA	<2
	12/8/2010	NA	<5	<5	<5	NA	<2
	2/16/2011	NA	<5.0	<5.0	<5.0	NA	<2.0
	4/29/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/2/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/8/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/16/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/27/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/6/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-168S	6/1/2001	NA	<5.0	<5.0	<5.0	NA	<2.0
	7/18/2002	NA	**11.3**	46	<1.0	NA	**4.1**
	11/7/2005	**280**	**16.0**	53.0	<5.0	<5.0	**3.0**
	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	**34.0**
	9/19/2007	**32.6**	**8.0**	**82.4**	<5.0	<5.0	**3.5**
	12/13/2007	**52.0**	**14.0**	**78.0**	<5.0	<5.0	**4.1**
	3/20/2008	**92.0**	**12.0**	46.0	<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	**14.0**	**7.0**	21.9	<5.0	<5.0	<2.0
	3/8/2013	**76.0**	**11.7**	**75.7**	<5.0	<5.0	**57.1**
	9/27/2013	<5.0	<5.0	10.9	<5.0	<5.0	**19.4**
	11/20/2013	**6.7**	<5.0	21.8	<5.0	<5.0	**35.8**
	3/6/2014	**6.0**	**5.0**	47.0	<5.0	<5.0	**80.5**

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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	1/30/2002	NA	<5.0	<5.0	<5.0	NA	<2.0
	7/17/2002	NA	<1.0	<1.0	<1.0	NA	1.3
	12/4/2003	NA	<5.0	<5.0	<5.0	NA	<2.0
	3/11/2004	NA	<5.0	<5.0	<5.0	NA	<2.0
	6/3/2004	NA	<5.0	<5.0	<5.0	NA	<2.0
	9/14/2004	NA	<1.0	<1.0	<1.0	NA	<1.0
	12/21/2004	NA	<1.0	<1.0	<1.0	NA	**3.1**
	3/15/2005	NA	<1.0	<1.0	<1.0	NA	1.1
	6/13/2005	NA	<1.0	<1.0	<1.0	NA	1.7
	9/22/2005	NA	<1.0	<1.0	<1.0	NA	1.05
	11/7/2005	<5.0	<5.0	<5.0	<5.0	NA	<2.0
	12/6/2005	NA	<1.0	<1.0	<1.0	NA	<1.0
	3/13/2006	NA	<1.0	<1.0	<1.0	NA	1.0
	6/12/2006	NA	<1.0	<1.0	<1.0	NA	**2.2**
	9/27/2006	NA	<1.0	<1.0	<1.0	NA	<1.0
	12/21/2006	NA	<1.0	<1.0	<1.0	NA	**3.5**
	2/21/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/21/2007	NA	<1.0	<1.0	<1.0	NA	**2.1**
	7/3/2007	NA	<1.0	<1.0	<1.0	NA	<1.0
	9/7/2007	NA	<1.0	<1.0	<1.0	NA	1.2
	11/28/2007	NA	<1.0	<1.0	<1.0	NA	<1.0
	3/19/2008	NA	<1.0	<1.0	<1.0	NA	2.3
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/23/2008	NA	<1.0	<1.0	<1.0	NA	<1.0
	12/1/2008	NA	<1.0	<1.0	<1.0	NA	<1.0
	3/12/2009	NA	<1.0	<1.0	<1.0	NA	<1.0
	6/19/2009	NA	<1.0	<1.0	<1.0	NA	<1.0
	9/16/2009	NA	<1.0	<1.0	<1.0	NA	<1.0
	11/3/2009	NA	<1.0	<1.0	<1.0	NA	<1.0
	2/3/2010	NA	<5.0	<5.0	<5.0	NA	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/19/2010	NA	<5.0	<5.0	<5.0	NA	<2.0
	9/14/2010	NA	<5	<5	<5	NA	<2
	12/8/2010	NA	<5	<5	<5	NA	<2
	2/17/2011	NA	<5.0	<5.0	<5.0	NA	<2.0
	4/29/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/16/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-170S	1/31/2002	NA	<5.0	<5.0	<5.0	NA	**6.4**
	7/17/2002	NA	<1.0	<1.0	<1.0	NA	**2.2**
	2/21/2007	<5.0	<5.0	<5.0	<5.0	<5.0	**21.2**
	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
	11/3/2009	NA	<1.0	2.0	<1.0	NA	**5.3**
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/29/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/16/2012	<5.0	<5.0	6.3	<5.0	<5.0	<2.0
	5/2/2012	<5.0	<5.0	6.0	<5.0	<5.0	<2.0
	8/3/2012	<5.0	<5.0	7.9	<5.0	<5.0	<2.0
	11/16/2012	<5.0	<5.0	6.1	<5.0	<5.0	<2.0
	3/8/2013	<5.0	<5.0	7.9	<5.0	<5.0	<2.0
	5/16/2013	<5.0	<5.0	8.1	<5.0	<5.0	<2.0
	9/27/2013	<5.0	<5.0	12.6	<5.0	<5.0	<2.0
	11/20/2013	<5.0	<5.0	11.9	<5.0	<5.0	<2.0
	2/4/2014	<5.0	<5.0	12.1	<5.0	<5.0	<2.0

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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-171S	2/21/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	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
	4/29/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/2/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-174S	7/18/2011	<5.0	<5.0	<5.0	<5.0	NA	<2.0
	9/13/2011	<5.0	<5.0	<5.0	<5.0	NA	<2.0
MW-175S	7/18/2011	<5.0	<5.0	<5.0	<5.0	NA	<2.0
	9/13/2011	<5.0	<5.0	<5.0	<5.0	NA	<2.0
Deep Upper Aquifer Wells							
MW-165D	1/30/2002	NA	<5.0	**3,300**	11	NA	**1500**
	7/18/2002	NA	<1.0	**2,820**	9.36	NA	**973**
	12/5/2003	NA	<5.0	**2,700**	12	NA	**980**
	3/11/2004	NA	<5.0	**2,300**	16	NA	**840**
	6/3/2004	NA	<5.0	**2,000**	8.8	NA	**400**
	9/14/2004	NA	<25	**1,800**	<25	NA	**740**
	12/20/2004	NA	<1.0	**3,300**	15	NA	**1000**
	3/15/2005	NA	<1.0	**1,900**	12	NA	**640**
	6/13/2005	NA	<1.0	**1,400**	6.2	NA	**14**
	9/21/2005	NA	<1.0	**2,270**	7.41	NA	**921**
	12/6/2005	NA	<1.0	**2,200**	34	NA	**780**
	3/14/2006	NA	<1.0	**1,600**	6.2	NA	**400**
	6/13/2006	NA	<1.0	**1,100**	11	NA	**560**
	9/27/2006	NA	<1.0	**1,800**	20	NA	**770**
	12/21/2006	NA	<1.0	**1,600**	16	NA	**860**
	3/21/2007	NA	<1.0	**1,200**	13	NA	**840**
	7/2/2007	NA	<1.0	**810**	7.2	NA	<1.0
	9/7/2007	NA	<1.0	**4**	1.9	NA	<1.0
	11/28/2007	NA	<1.0	**1,200**	5.2	NA	**610**
	3/19/2008	NA	<1.0	**310**	5.1	NA	**190**
	5/28/2008	NA	<10	**470**	<10	NA	**530**
	9/23/2008	NA	<10	**300**	<10	NA	**350**
	12/2/2008	NA	<1.0	**650**	5.4	NA	**550**
	3/12/2009	NA	<1.0	**300**	3.2	NA	**340**
	6/18/2009	NA	<1.0	**240**	2.2	NA	**500**
	9/15/2009	NA	<1.0	**98**	<1.0	NA	**160**
	11/3/2009	NA	<1.0	**280**	2.4	NA	**400**
	2/3/2010	NA	<5.0	**255**	<5.0	NA	**286**
	5/19/2010	NA	<5.0	**161**	<5.0	NA	**164**
	7/7/2010	<5.0	<5.0	**122**	<5.0	<5.0	**202**
	9/17/2010	NA	<5	**149**	<5	NA	**271**
	12/8/2010	NA	<5	**178**	<5	NA	**249**
	2/16/2011	NA	<5.0	**99**	<5.0	NA	**203**
	9/16/2011	NA	<5.0	**89.6**	<5.0	NA	**221**
	3/8/2012	NA	<5.0	63.6	<5.0	NA	**167**
	10/3/2012	NA	<5.0	63.8	<5.0	NA	**162**
	4/9/2013	NA	<5.0	29.9	<5.0	NA	**166**

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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-166D	1/31/2002	NA	<5.0	**2,000**	<5.0	NA	**730**
	7/18/2002	NA	<1.0	**2,130**	3.3	NA	**563**
	1/6/2004	NA	<5.0	**1,700**	7.9	NA	**150**
	3/11/2004	NA	<5.0	**2,100**	<5.0	NA	**410**
	6/3/2004	NA	<5.0	**1,900**	<5.0	NA	**340**
	9/14/2004	NA	<1.0	**1,900**	4.7	NA	**450**
	12/20/2004	NA	<1.0	**2,400**	5.6	NA	**470**
	3/15/2005	NA	<1.0	**1,900**	5.3	NA	**230**
	6/13/2005	NA	<1.0	**3,700**	5	NA	<1.0
	9/21/2005	NA	<1.0	**1,650**	2.12	NA	**303**
	12/6/2005	NA	<1.0	**1,900**	16	NA	**430**
	3/14/2006	NA	<1.0	**1,800**	2.9	NA	**310**
	6/13/2006	NA	<1.0	**1,400**	10	NA	**240**
	9/27/2006	NA	<1.0	**2,100**	8.2	NA	**350**
	12/21/2006	NA	<1.0	**2,000**	12	NA	**420**
	3/21/2007	NA	<1.0	**2,400**	16	NA	**410**
	7/2/2007	NA	<1.0	**1,700**	12	NA	**240**
	9/7/2007	NA	<1.0	**1,300**	7.7	NA	**24**
	11/28/2007	NA	<1.0	**1,500**	4	NA	**270**
	3/19/2008	NA	<1.0	**810**	16	NA	**200**
	5/28/2008	NA	<10	**1,500**	<10	NA	**310**
	9/23/2008	NA	<10	**1,600**	<10	NA	**300**
	12/2/2008	NA	<1.0	**1,300**	8.5	NA	**300**
	3/12/2009	NA	<1.0	**1,400**	12	NA	**330**
	6/18/2009	NA	<1.0	**920**	11	NA	**150**
	9/15/2009	NA	<10	**850**	<10	NA	**210**
	11/3/2009	NA	<1.0	**1,100**	8.2	NA	**240**
	2/3/2010	NA	<5.0	**797**	<5.0	NA	**233**
	5/19/2010	NA	<5.0	**835**	5.5	NA	**235**
	9/17/2010	NA	<5	**949**	5.1	NA	**253**
	12/8/2010	NA	<5	**896**	<5	NA	**234**
	2/16/2011	NA	<5.0	**907**	<5.0	NA	**251**
	9/16/2011	NA	<5.0	**763**	5.2	NA	**269**
	3/7/2012	NA	<5.0	**1,080**	<5.0	NA	**469**
	10/3/2012	NA	<5.0	**633**	<5.0	NA	**282**
	4/9/2013	NA	<5.0	**465**	<5.0	NA	**250**

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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-167D	1/31/2002	NA	<5.0	530	11	NA	**390**
	7/17/2002	NA	<1.0	274	12.2	NA	**253**
	12/4/2003	NA	<5.0	390	14	NA	**230**
	3/11/2004	NA	<5.0	410	14	NA	**220**
	6/3/2004	NA	<5.0	510	12	NA	**240**
	9/14/2004	NA	<1.0	480	14	NA	**300**
	12/21/2004	NA	1.0	680	22	NA	**240**
	3/15/2005	NA	<1.0	530	18	NA	**150**
	6/13/2005	NA	<1.0	510	14	NA	**99**
	9/23/2005	NA	<1.0	640	20	NA	**120**
	11/7/2005	<5.0	<5.0	**750**	<5.0	<5.0	**110**
	12/6/2005	NA	<1.0	**640**	21	NA	**150**
	3/13/2006	NA	<1.0	**670**	17	NA	**140**
	6/12/2006	NA	<1.0	**460**	17	NA	**32**
	9/27/2006	NA	<1.0	**570**	20	NA	**81**
	12/21/2006	NA	<1.0	**640**	21	NA	**100**
	2/21/2007	<5.0	<5.0	**375**	10.0	<5.0	**59.3**
	3/21/2007	NA	<1.0	20	1.1	NA	**3.9**
	7/2/2007	NA	<1.0	**290**	17	NA	**68**
	9/7/2007	NA	<1.0	**520**	22	NA	**84**
	11/28/2007	NA	<1.0	**710**	24	NA	**92**
	3/19/2008	NA	<1.0	38	1.4	NA	**3.1**
	6/5/2008	<5.0	<5.0	**616**	28.0	<5.0	**43.8**
	9/23/2008	NA	<5.0	**510**	24	NA	**46**
	12/1/2008	NA	<1.0	**700**	26	NA	**45**
	3/12/2009	NA	<1.0	**570**	26	NA	**31**
	6/17/2009	<5.0	<5.0	**612**	22.1	<5.0	**23.8**
	9/16/2009	NA	<1.0	**580**	19	NA	**69**
	11/3/2009	NA	<1.0	**740**	25	NA	**33**
	2/3/2010	NA	<5.0	**443**	22.8	NA	**17**
	4/21/2010	<5.0	<5.0	**626**	22.1	<5.0	**25.6**
	5/19/2010	NA	<5.0	**532**	24.9	NA	**24.9**
	9/16/2010	NA	<5	**438**	16.6	NA	**18.6**
	12/8/2010	NA	<5	**635**	25.6	NA	**17.8**
	2/18/2011	NA	<5.0	**727**	28.8	NA	**20.5**
	4/29/2011	<5.0	<5.0	**392**	18.9	<5.0	**14.9**
	9/16/2011	NA	<5.0	**462**	19.8	NA	**16**
	2/16/2012	<5.0	<5.0	**541**	<5.0	<5.0	**20.0**
	3/7/2012	NA	<5.0	**707**	18.9	NA	**19.6**
	5/2/2012	<5.0	<5.0	**377**	16.9	<5.0	**21.7**
	8/3/2012	<5.0	<5.0	**422**	26.4	<5.0	**8.4**
	10/25/2012	NA	<5.0	**407**	21.1	NA	**10.5**
	11/16/2012	<5.0	<5.0	**480**	19.9	<5.0	**9.2**
	3/8/2013	<5.0	<5.0	**382**	19.1	<5.0	**13.5**
	4/9/2013	NA	<5.0	**408**	23.5	NA	**10.9**
	5/16/2013	<5.0	<5.0	**397**	20.8	<5.0	**10.6**
	9/27/2013	<5.0	<5.0	**371**	18.5	<5.0	**9.6**
	11/20/2013	<5.0	<5.0	**359**	16.0	<5.0	**14.7**
	3/6/2014	<5.0	<5.0	**416**	13.0	<5.0	**28.6**

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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-168D	1/31/2002	NA	<5.0	18	<5.0	NA	<2.0
	7/18/2002	NA	<1.0	21	<1.0	NA	<1.0
	11/7/2005	<5.0	<5.0	6.8	<5.0	<5.0	**49.0**
	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	**74.0**
	3/20/2008	<5.0	<5.0	8.0	<5.0	<5.0	**39.0**
	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	<2.0
	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**
	7/22/2010	<5.0	<5.0	6.0	<5.0	<5.0	**122**
	10/13/2010	<5.0	<5.0	<5.0	<5.0	<5.0	**134**
	4/29/2011	<5.0	<5.0	<5.0	10.0	<5.0	**96.4**
	7/28/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**228**
	10/24/2011	<5.0	<5.0	8.9	<5.0	<5.0	**137**
	2/16/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**108**
	5/2/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**130**
	8/3/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**104**
	11/16/2012	<5.0	<5.0	6.9	<5.0	<5.0	**81.3**
	3/8/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**80.5**
	9/27/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**100**
	11/20/2013	<5.0	<5.0	7.5	<5.0	<5.0	**99.4**
	3/6/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**83.8**
MW-169D	1/30/2002	<5.0	<5.0	<5.0	<5.0	NA	**8.7**
	7/17/2002	<1.0	<1.0	<1.0	<1.0	NA	**6.4**
	12/4/2003	<5.0	<5.0	<5.0	<5.0	NA	**8.4**
	3/11/2004	<5.0	<5.0	<5.0	<5.0	NA	**11.0**
	6/3/2004	<5.0	<5.0	<5.0	<5.0	NA	**8.7**
	9/14/2004	<1.0	<1.0	<1.0	<1.0	NA	**10.0**
	12/21/2004	<1.0	<1.0	1.7	<1.0	NA	**14.0**
	3/15/2005	<1.0	<1.0	<1.0	<1.0	NA	**9.6**
	6/13/2005	<1.0	<1.0	<1.0	<1.0	NA	**6.8**
	9/22/2005	<1.0	<1.0	<1.0	<1.0	NA	**7.97**
	11/7/2005	<5.0	<5.0	<5.0	<5.0	NA	**5.1**
	12/6/2005	<1.0	<1.0	<1.0	<1.0	NA	1.6
	3/13/2006	<1.0	<1.0	<1.0	<1.0	NA	**7.0**
	6/12/2006	<1.0	<1.0	<1.0	<1.0	NA	**9.1**
	9/27/2006	<1.0	<1.0	<1.0	<1.0	NA	**9.5**
	12/21/2006	<1.0	<1.0	<1.0	<1.0	NA	**5.4**
	2/21/2007	<5.0	<5.0	<5.0	<5.0	<5.0	**11.9**
	3/21/2007	<1.0	<1.0	<1.0	<1.0	NA	1.0
	7/3/2007	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	9/7/2007	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	11/28/2007	<1.0	<1.0	<1.0	<1.0	NA	**14**
	3/19/2008	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	6/5/2008	<5.0	<5.0	<5.0	<5.0	<5.0	**14.3**
	9/23/2008	<1.0	**14**	<1.0	<1.0	NA	**14**
	12/1/2008	<1.0	<1.0	<1.0	<1.0	NA	<1.0
	3/12/2009	<1.0	<1.0	<1.0	<1.0	NA	**8.2**
	6/19/2009	<1.0	<1.0	<1.0	<1.0	NA	**13**
	9/16/2009	<1.0	<1.0	<1.0	<1.0	NA	**17**
	11/3/2009	<1.0	<1.0	<1.0	<1.0	NA	**14**
	2/3/2010	<5.0	<5.0	<5.0	<5.0	NA	<2.0
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	**6.1**
	5/19/2010	<5.0	<5.0	<5.0	<5.0	NA	**9.4**
	9/14/2010	<5	<5	<5	<5	NA	1.8
	12/8/2010	<5	<5	<5	<5	NA	**6.6**
	2/17/2011	<5.0	<5.0	<5.0	<5.0	NA	**6.9**
	4/29/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**9.1**
	5/2/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**27.1**
	5/21/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**27.2**

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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-170D	1/31/2002	NA	<5.0	<5.0	<5.0	NA	**80**
	7/17/2002	NA	<1.0	<1.0	<1.0	NA	**66**
	2/21/2007	<5.0	<5.0	<5.0	<5.0	<5.0	**105**
	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**
	11/3/2009	NA	<1.0	<1.0	<1.0	NA	**200**
	4/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	**161**
	7/7/2010	<5.0	<5.0	<5.0	<5.0	<5.0	**233**
	4/29/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**100**
	2/16/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**88.8**
	5/2/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**91.0**
	8/3/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**77.2**
	11/16/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**62.8**
	3/8/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**76.9**
	5/21/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**38.0**
	9/27/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**48.0**
	11/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**49.4**
	2/4/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**39.9**
MW-171D	2/21/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	**3.0**
	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**
	7/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/29/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/2/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**9.5**
	5/16/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**4.7**
MW-174D	7/18/2011	<5.0	<5.0	<5.0	<5.0	NA	<2.0
	9/13/2011	<5.0	<5.0	8.2	<5.0	NA	<2.0
MW-175D	7/18/2011	<5.0	<5.0	<5.0	<5.0	NA	<2.0
	9/13/2011	<5.0	<5.0	<5.0	<5.0	NA	<2.0
Floral Park Cemetery Wells (Off-site)							
Shallow Upper Aquifer Wells							
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	<5.0	**1,660**
	7/22/2010	**40.9**	<5.0	22.4	<5.0	<5.0	**8.1**
	10/14/2010	<5.0	<5.0	69.1	<5.0	<5.0	**1,100**
	1/19/2011	<5.0	<5.0	14.7	<5.0	<5.0	**215**
	5/5/2011	**22.2**	<5.0	<5.0	<5.0	<5.0	<2.0
	7/27/2011	**36.7**	<5.0	17.1	<5.0	<5.0	**150**
	10/21/2011	**18.7**	<5.0	20.6	<5.0	<5.0	**59**
	2/15/2012	**23.8**	<5.0	6.0	<5.0	<5.0	**21**
	4/24/2012	**11.9**	<5.0	10.6	<5.0	<5.0	**45.3**
	8/1/2012	<5.0	<5.0	8.9	<5.0	<5.0	**29.2**
	11/15/2012	**24.6**	<5.0	10.9	<5.0	<5.0	**26.7**
	3/5/2013	**17.5**	<5.0	<5.0	<5.0	<5.0	**10.1**
	5/15/2013	**35.5**	<5.0	<5.0	<5.0	<5.0	**2.9**
	9/26/2013	**12.2**	<5.0	11.4	<5.0	<5.0	**19.6**
	11/13/2013	**21.0**	<5.0	12.7	<5.0	<5.0	**12.4**
	3/4/2014	**14.8**	<5.0	5.0	<5.0	<5.0	**8.3**

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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-C-02S	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
	7/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/13/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/19/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/30/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/27/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/18/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/15/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/24/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/1/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/5/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/10/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**20.6**
	2/24/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**9.6**
MMW-C-16S	8/6/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/19/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/6/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/15/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/14/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-P-11S	9/9/2011	**76.1**	<5.0	5.9	<5.0	<5.0	**9.1**
	10/24/2011	**592**	<5.0	<5.0	<5.0	<5.0	**2.5**
	2/15/2012	**658**	<5.0	<5.0	<5.0	<5.0	**2.3**
	5/1/2012	**351**	<5.0	9.1	<5.0	<5.0	**8.5**
	8/8/2012	**88.1**	<5.0	14.7	<5.0	<5.0	**11.4**
	11/15/2012	**538**	<5.0	6.5	<5.0	<5.0	**18.7**
	3/6/2013	**703**	<5.0	<5.0	<5.0	<5.0	**18.8**
	5/20/2013	**254**	<5.0	5.0	<5.0	<5.0	**7.3**
	9/24/2013	**215**	<5.0	7.7	<5.0	<5.0	**8.7**
	11/18/2013	**338**	<5.0	7.3	<5.0	<5.0	**17.7**
	2/4/2014	**265**	<5.0	5.8	<5.0	<5.0	**10.4**
MMW-P-13S	9/9/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**8.3**
	10/24/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**19.8**
	2/16/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/26/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/7/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**8.9**
	11/19/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**3.6**
	3/7/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/17/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/15/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/3/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MMW-P-14S	2/16/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	4/26/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/7/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/7/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	5/17/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/18/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/15/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/3/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
Deep Upper Aquifer Wells							
MMW-C-02D	2/15/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**30.7**
	4/26/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**55.1**
	8/8/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**95.1**
	11/19/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**125**
	3/7/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**162**
	5/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**157**
	9/18/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**275**
	11/14/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**202**
	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**231**

Table 4
Cumulative Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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-C-16D	8/6/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**224**
	11/19/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**349**
	3/6/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**316**
	5/15/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**177**
	9/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**165**
	11/14/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**231**
	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**162**
MMW-C-17D	8/8/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**2.7**
	11/20/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/7/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**2.1**
	5/15/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/18/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**5.6**
	11/14/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**4.1**
	3/4/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**3.5**
MMW-P-11DR	2/15/2012	<5.0	<5.0	8.4	<5.0	<5.0	**95.1**
	5/1/2012	<5.0	<5.0	8.5	<5.0	<5.0	**102**
	8/7/2012	<5.0	<5.0	11.7	<5.0	<5.0	**102**
	11/15/2012	<5.0	<5.0	10.4	<5.0	<5.0	**117**
	3/6/2013	<5.0	<5.0	10.6	<5.0	<5.0	**201**
	5/20/2013	<5.0	<5.0	13.7	<5.0	<5.0	**77.6**
	9/24/2013	<5.0	<5.0	8.5	<5.0	<5.0	**101**
	11/18/2013	<5.0	<5.0	11.0	<5.0	<5.0	**114**
	2/4/2014	<5.0	<5.0	10.1	<5.0	<5.0	**115**
MMW-P-13D	9/9/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**139**
	10/24/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**116**
	2/16/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**155**
	4/26/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**132**
	8/7/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**167**
	11/19/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**154**
	3/7/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**140**
	5/17/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**96.3**
	9/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**120**
	11/15/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**128**
	2/3/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**149**
MMW-P-14D	2/16/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**49.6**
	4/26/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**49.5**
	8/7/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**58.1**
	11/20/2012	<5.0	<5.0	<5.0	<5.0	<5.0	**58.3**
	3/7/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**32.3**
	5/17/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**36.1**
	9/18/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**94.4**
	11/15/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**77.4**
	2/3/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**50.7**
U.S. EPA Wells (Off-site)							
Shallow Upper Aquifer Wells							
MW-WES-01A	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**6.3**
	6/28/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/24/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/21/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/9/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/17/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/25/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/18/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/19/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-WES-02A	12/12/2011	<5.0	<5.0	11.4	<5.0	<5.0	<2.0
	6/27/2013	<5.0	<5.0	10.9	<5.0	<5.0	<2.0
	7/24/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**2.3**
	8/21/2013	<5.0	<5.0	10.1	<5.0	<5.0	<2.0
	9/11/2013	<5.0	<5.0	13.5	<5.0	<5.0	<2.0
	10/9/2013	<5.0	<5.0	13.4	<5.0	<5.0	<2.0
	11/20/2013	<5.0	<5.0	11.8	<5.0	<5.0	<2.0
	12/17/2013	<5.0	<5.0	12.7	<5.0	<5.0	<2.0
	1/21/2014	<5.0	<5.0	13.2	<5.0	<5.0	<2.0
	2/19/2014	<5.0	<5.0	18.1	<5.0	<5.0	<2.0
	3/19/2014	<5.0	<5.0	17.8	<5.0	<5.0	<2.0

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Cumulative Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
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Indianapolis, Indiana
MUNDELL Project 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-WES-03A	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/27/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/8/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/19/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/17/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**2.0**
	3/17/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-WES-04A	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/26/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/8/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/19/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/11/2013	<5.0	<5.0	<5.0	<5.0	8.8	<2.0
	1/20/2014	<5.0	<5.0	<5.0	<5.0	8.80	<2.0
	3/17/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-WES-05A	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/26/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/8/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/19/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/16/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/18/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/17/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
Deep Upper Aquifer Wells							
MW-WES-01B	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**65.2**
	6/28/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**20.0**
	7/24/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**34.1**
	8/21/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**37.9**
	9/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**43.4**
	10/9/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**19.8**
	11/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**38.7**
	12/17/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**52.3**
	1/25/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**23.4**
	2/18/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**33.3**
	3/19/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**23.2**
MW-WES-02B	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**17.9**
	6/27/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**2.0**
	7/24/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**5.7**
	8/21/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**9.3**
	9/11/2013	<5.0	<5.0	5.4	<5.0	<5.0	**6.8**
	10/9/2013	<5.0	<5.0	7.2	<5.0	<5.0	**6.7**
	11/20/2013	<5.0	<5.0	7.9	<5.0	<5.0	**7.9**
	12/17/2013	<5.0	<5.0	9.5	<5.0	<5.0	**9.5**
	1/21/2014	<5.0	<5.0	9.5	<5.0	<5.0	**7.5**
	2/19/2014	<5.0	<5.0	10.2	<5.0	<5.0	**6.2**
	3/19/2014	<5.0	<5.0	8.9	<5.0	<5.0	**3.7**
MW-WES-03B	12/8/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/27/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**3.6**
	7/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**9.4**
	8/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**7.9**
	9/10/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**7.5**
	10/8/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**5.8**
	11/19/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**10.7**
	12/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**5.0**
	1/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**10.9**
	2/17/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**11.4**
	3/17/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**9.1**

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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-WES-04B	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/26/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/8/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/19/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/11/2013	<5.0	<5.0	<5.0	<5.0	5.5	<2.0
	1/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/17/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-WES-05B	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/26/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/8/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/19/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/16/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/18/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/17/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
MW-WES-06S	2/19/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**74.1**
	3/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**47.2**
MW-WES-08S	2/20/2014	<5.0	<5.0	**298**	<5.0	<5.0	**24.4**
	3/20/2014	<5.0	<5.0	**269**	<5.0	<5.0	**20.4**
MW-WES-09S	2/19/2014	<5.0	<5.0	12.1	<5.0	<5.0	**151**
	3/20/2014	<5.0	<5.0	7.1	<5.0	<5.0	**133**
Lower Aquifer Wells							
MW-WES-01C	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**15.0**
	6/28/2013	**6.0**	<5.0	<5.0	<5.0	<5.0	<2.0
	7/24/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**6.4**
	8/21/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**13.7**
	9/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**11.3**
	10/9/2013	**7.4**	<5.0	<5.0	<5.0	<5.0	**13.5**
	11/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**18.1**
	12/17/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**24.7**
	1/25/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**21.0**
	2/18/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**23.3**
	3/19/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**13.7**
MW-WES-02C	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	**2.1**
	6/27/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/24/2013	<5.0	<5.0	6.2	<5.0	<5.0	<2.0
	8/21/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**3.3**
	9/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**3.2**
	10/9/2013	<5.0	<5.0	<5.0	<5.0	<5.0	**3.3**
	11/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/17/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/21/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/19/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**2.8**
	3/19/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**2.7**
MW-WES-05C	12/12/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	6/27/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	7/23/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	8/21/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	9/10/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	10/9/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	11/20/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	12/16/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	1/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	2/18/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
	3/17/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0

Table 4

Cumulative Monitoring Well Groundwater Analytical Results
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project 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-WES-06D	2/19/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**115**
	3/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**67**
MW-WES-07	2/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**10**
	3/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**7.7**
MW-WES-08D	2/19/2014	<5.0	<5.0	28.3	<5.0	<5.0	**3.2**
	3/20/2014	<5.0	<5.0	21.3	<5.0	<5.0	<2.0
MW-WES-09D	2/19/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**46.4**
	3/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	**31.7**

Notes:

IDEM RCG = Indiana Department of Environmental Management Remediation Closure Guide

Exceedances of IDEM RCG Commercial/Industrial Groundwater Screening Level in **RED**

Exceedances of IDEM RCG Residential Groundwater Screening Level in **BLUE**

Exceedances of IDEM RCG Tap Water Screening Level in **BLACK**

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

NA = Not Analyzed

Grey shading indicates that sample was collected by ENVIRON / KERAMIDA. Values obtained from ENVIRON (2013) remedial progress report.

Green Shading indicates areas that 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.

All analytical results presented in micrograms per liter (ug/L).

EPA data from MW-WES- prefix wells collected by others are summarized in Weston (2013) reports or currently unpublished data sets provided to MUNDELL by US EPA.

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-1S	2/22/2007	8.00	4,800	290	920.0																		
	9/19/2007	7.20	3,100	240	1100.0																		
	12/13/2007		6,400	430	910.0																		
	3/21/2008		1,650	230	3752.6	8.3				37.5													
	6/3 & 6/6/2008		1,286		3346.1	2.5				36.6	9.0	0.14		0.35	<0.10	<0.070	0.35	<0.070	1.4	<0.070	<0.025	<0.025	270
	9/11/2008					5.8				95.0													
	11/20/2008	6.80	824	533	3044.0	<0.10				71.3													
	3/16/2009	6.70	4,879	484	2794.0	7.3				67.6													
	6/16/2009					9.3				42.8													
	8/5/2009					<0.10				150													
	11/2/2009	6.68	1,900	-28	1235.4	<0.10				12.4											0.12	0.18	14,000
	2/3/2010	6.68	5,359	-47	1163.7	<0.10				13.3											0.086	0.10	18,000
	4/22/2010	6.78	2,753	-43	1309.1	9.6				33.6													
	7/21 & 7/22/2010	6.56	2,413	18	1543.3	5.6				51.4													
	10/12/2010	6.61	5,576	-229	1518.3	<0.10				60.0													
	1/19/2011	6.84	2,245		1190.3	<0.10				76.4	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	5/4/2011	6.77	2,771	-79	1258.1	19.3	<0.10	0.0	1.8	35.0	0.12	<0.050		<0.050	<0.050	<0.15	0.38	<0.070	0.072	<0.15	<0.025	0.048	12.0
	7/28/2011	6.56	730	-179	1474.0	<0.10	<0.10	0.0	3.1	96.0	0.25	0.092		<0.050	<0.050	<0.15	0.87	<0.070	0.068	<0.15	<0.025	0.160	9,000
	10/19/2011	6.76	170	-60	1172.0	<0.10	<0.10	2.3	1.7	56.2	0.083	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	0.064	<0.15	0.029	0.280	13,000
	2/14/2012	6.78	2,024	71	1066.0	45.0	<0.80	0.0	2.6	40.8	0.010 J	<0.050		<0.050	<0.050	<0.15	0.067 J	<0.070	<0.050	<0.15	0.039	0.099	200
	4/25/2012	6.62	341	30	1198.0	19.9	<0.40	0.0	2.6	51.0	0.042 J	<0.050		<0.050	0.910	<0.15	0.14	<0.070	<0.050	<0.15	0.011J	2.5	9,000
	8/2/2012	6.73	113	9	1054.0	<0.10		0.2	2.3	122	0.013J	<0.050		<0.050	<0.050	<0.15	0.071J	<0.070	<0.050	<0.15	0.024J	1.9	15,000
	11/15/2012	6.53	343	72	1314.0	3.4	<0.10	0.0	3.1	62	0.040J	<0.050		<0.050	<0.050	<0.15	0.032J	<0.070	<0.050	<0.15	0.034	0.11	390
	2/28/2013	6.78	2,960	88	957.6	25.1	<0.40	0.0	2.8	44.1	<0.070	<0.050		<0.10	<0.050	<0.15	0.071 J	<0.070	<0.050	<0.15	<0.025	0.018 J	54
	5/14/2013	6.71	1,740	71.13	1618.54	17.8	<0.40	0.0	3.4	54.0	0.028 J	<0.050		<0.50	<0.10	<0.15	0.088 J	<0.070	<0.050	<0.15	<0.025	0.013 J	75
	9/24/2013	6.50	80	-23.53	1222.79	<0.10	<0.10	2.25	3.4	22.7	0.12	<0.050	0.12	<0.50	<0.10	<0.15	0.21	<0.070	0.12	<0.15	<10.0	<10.0	24,700
	11/13/2013	6.67	560	-4.31	1075.97	0.98	0.20	0.75	2.6	68.1	0.11	0.054	0.095 J	1.2	<0.10	<0.15	0.23	<0.070	0.061	<0.15	<10.0	<10.0	427
	2/26/2014	6.63	2,740	-6.53	798.81	2.60	0.11	3.0	4.3	66.6	0.61	0.044 J	0.10	<0.50	<0.10	<0.15	0.22	<0.070	0.33	0.059 J	<10.0	<10.0	162
*MMW-2S	6/2/2008	7.03			867.7																		
	4/22/2010	7.16	7,865	107	786.4																		
	4/30/2011	7.29	9,482	21	619.5																		
	4/23/2012	7.19	5,290	61	694.0																		
	5/10/2013	7.12	1,800	58.76	1133.49																		
*MMW-3S	6/6/2008	7.02	505		2673.1																		
	4/20/2010	7.21	454	75	932.6																		
	5/4/2011	7.17	587	-228	892.3																		
	4/23/2012	7.15	1,018	-54	893.3																		
	5/10/2013	6.97	290	-22.96	1453.18																		
MMW-4D	6/2/2008	6.95	153		1541.2																		
	4/20/2010	7.06	379	0	1209.8																		
	4/29/2011	7.07	764	-104	1227.6																		
	2/14/2012	7.08	595	-71	1117.0																		
	4/23/2012	7.15	242	-110	1290.0																		
	7/31/2012	7.06	181	-90	1530.0																		
	11/13/2012	6.87	625	-96	1693.0																		
	3/5/2013	7.01	200	-86	1491																		
	5/9/2013	7.05	240	-95.14	1835.06																		
	9/20/2013	6.44	360	-62.44	1451.95																		
	11/11/2013	6.96	160	-87.01	1369.51																		
	2/24/2014	6.79	170	-74.52	1223.47																		
*MMW-5D	6/2/2008	7.14			1090.6																		
	4/20/2010	7.13	304	126	1064.0																		
	4/29/2011	7.31	266	-233	1472.3																		
	4/23/2012	7.53	243	-116	667.8																		
	5/9/2013	7.05	140	-92.71	1370.68																		
	2/24/2014	6.10	100	-38.82	867.87																<10.0	<10.0	<10.0
MMW-6D	6/6/2008	7.42	514		2907.3																		
	4/20/2010	7.41	362	51	1060.9																		
	4/29/2011	7.32	142	-251	1238.8																		
	2/14/2012	7.19	671	-34	697.9																		
	4/23/2012	7.45	95	-100	733.1																		
	7/31/2012	7.32	153	-136	767.3																		
	11/13/2012	7.11	455	-134	819.5																		
	3/5/2013	7.11	160	-99	834.6																		
	5/9/2013	7.07	190	-77.32	1194.68																		
	9/20/2013	7.29	180	-116.23	771.54																		
	11/11/2013	7.08	160	-98.24	837.61																		
	2/24/2014	6.61	150	-52.78	775.47																<10.0	<10.0	202

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
*MMW-7S	6/6/2008	6.38	441		3119.3																		
	4/20/2010	6.84	637	200	1013.2																		
	5/4/2011	6.85	1,321	-205	1080.1																		
	4/26/2012	7.14	36.00	-114	632.9																		
	5/9/2013	6.76	250	133.81	1272.77																		
MMW-8S	9/19/2007	7.70	2,300	-43	780.0																		
	12/13/2007	6.00		220	1.5																		
	3/20/2008		180		0.3																		
	6/6/2008		1,271		3385.2																		
	11/20/2008	7.05	487	515	2761.4																		
	3/16/2009	6.58	2,188	698	2647.0																		
	8/5/2009	7.08	2,439	-160	1024.3																		
	11/2/2009	7.02	1,805	-71	955.4																		
	2/3/2010	7.00	4,638	-49	840.9																		
	4/22/2010	7.06	1,303	-47	891.8																		
	7/21/2010	6.95	1,709	-32	995.1																		
	10/12/2010	7.06	124	-274	879.8																		
	1/19/2011	6.71	969		1002.3																		
	4/30/2011	6.83	200	-164	1905.7	16.3	<0.40	2.5	2.2	108	0.10	<0.050		<0.050	<0.050	<0.15	0.22	<0.070	0.065	<0.15	0.07	33.0	7,600
	7/28/2011	6.58	2,202	-47	2259.3	<0.10	<0.10	3.5	1.1	227	<0.070	<0.050		<0.050	<0.050	<0.15	0.20	<0.070	<0.050	<0.15	0.16	26.0	8,500
	10/24/2011	7.01	190	-90	1016.0	<0.10	<0.10	3.8	1.4	250	<0.070	<0.050		<0.050	<0.050	<0.15	0.45	<0.070	<0.050	<0.15	0.18	78.0	20,000
	2/14/2012	7.00	140	-106	970.1	<0.10	<0.10	5.1	1.6	213	0.017 J	<0.050		<0.050	<0.050	<0.15	0.030 J	<0.070	<0.050	<0.15	0.10	27	14,000
	4/25/2012	6.93	90	-200	986.5	<0.10	<0.10	5.0	1.6	152	0.037 J	0.054		<0.050	<0.050	<0.15	0.096 J	<0.070	<0.050	<0.15	0.094	28	12,000
	8/2/2012	6.97	74	-97	1099.0	<0.10		3.4	1.9	160	0.0075J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	0.093	19	14,000
	11/15/2012	6.79	284	-80	1145.0	<0.10	<0.10	1.75	1.7	192	<0.070	<0.050		<0.050	<0.050	<0.15	0.040J	<0.070	<0.050	<0.15	0.017J	10	13,000
	2/28/2013	6.96	270	-82	977.1	<0.10	<0.10	3.75	1.8	138	<0.070	<0.050		<0.10	<0.050	<0.15	0.061 J	<0.070	<0.50	<0.15	0.054	11	12,000
	5/14/2013	6.83	100	-31.08	1848.00	0.20	<0.10	2.9	2.2	172	0.027 J	<0.050		<0.50	<0.10	<0.15	0.085 J	<0.070	<0.50	<0.15	0.044	13	8,600
	9/24/2013	6.75	100	-85.84	1300.87	<0.10	<0.10	1.75	33.5	13.5	3.0	2.7	1.6	<0.50	<0.10	<0.15	1.1	0.19	51	0.60	<10.0	<10.0	25,000
	11/13/2013	6.55	90	-118.77	1098.24	<0.10	<0.10	3.5	14.1	41.4	3.6	0.35	0.46	<0.50	<0.10	0.072 J	1.2	0.13	20	0.34	<10.0	<10.0	27,400
	2/26/2014	6.48	160	-65.38	7029.64	<0.10	<0.10	3.75	1.8	88.4	0.081	0.038 J	0.11	<0.50	<0.10	<0.15	0.096 J	<0.070	0.043 J	<0.15	<20.0	102	22,100
MMW-9S	9/20/2007	7.70	3,000	260	1500.0																		
	12/12/2007		9,300	180	1300.0																		
	3/21/2008		44	918	5173.4					230													
	6/6/2008	6.86			1223.7	<0.10				154	3.0	<0.070		<0.10	<0.10	<0.070	0.28	<0.070	1.1	0.22	0.10	0.48	4,400
	9/11/2008					<0.10				152													
	11/20/2008	6.49	419	558	4141.3	<0.10				98.5													
	3/16/2009	6.77	4,601	222	3678.1	<0.10				74.2													
	6/16/2009				12.0	<0.10				237													
	8/5/2009					<0.10				208													
	11/2/2009	6.56	1,861	35	1396.4	<0.10				135											0.13	160	6,200
	2/3/2010	6.55	5,596	11	1372.2	<0.10				116											0.12	150	9,400
	2/4/2010																						
	4/22/2010	6.57	1,456	-61	2012.4	<0.10				94.0													
	7/21/2010	6.58	3,403	-60	1485.9	<0.10				125													
	10/12/2010	6.56	564	-308	1540.1	<0.10				122													
	1/19/2011	6.90	2,815		1500.3	0.22				83.2	<0.070	<0.050		<0.050	<0.050	<0.15	0.21 B	<0.070	<0.050	<0.15			
	5/4/2011	6.69	235	-255	1878.6	<0.10	<0.10	6.0	3.8	189	0.094	<0.050		<0.050	<0.050	<0.15	0.34	<0.070	0.06	<0.15	1.5	82.0	12,000
	7/27/2011	6.52	434	-187	1835.3	<0.10	<0.10	3.2	1.7	217	<0.070	<0.050		<0.050	<0.050	<0.15	0.27	<0.070	<0.050	<0.15	1.6	48.0	16,000
	10/24/2011	6.62	180	-40	2035.0	<0.10	<0.10	2.3	2.6	164	0.078	<0.050		<0.050	<0.050	<0.15	0.15	<0.070	0.075	<0.15	22.0	1.9	7,000
	2/13/2012	6.67	103	-180	1671.0	<0.10	0.14	3.8	4.4	125	0.013 J	<0.050		<0.050	<0.050	<0.15	0.034 J	<0.070	<0.050	<0.15	2.0	65.0	12,000
	4/25/2012	6.64	123	-160	1864.0	<0.10	<0.10	3.0	3.8	176	0.052 J	<0.050		<0.050	<0.050	<0.15	0.13	<0.070	0.016 J	<0.15	2.0	36	7,400
	8/2/2012	6.58	38	-129	1448.0	<0.10			4.0	90.5	0.036J	<0.050		<0.050	<0.050	<0.15	0.070J	<0.070	<0.050	<0.15	0.8	28	17,000
	11/14/2012	6.66	1,504	-81	1224.0	<0.10	<0.10	1.75	4.7	62.5	0.072	<0.050		<0.050	<0.050	<0.15	0.12	<0.070	<0.050	<0.15	1.3	27	5,800
	2/28/2013	6.62	160	-91	1570	<0.10	<0.10	3.75	5.0	116	<0.070	<0.050		<0.10	<0.10	<0.15	0.071 J	<0.070	<0.050	<0.15	2.4	36	9,800
	5/14/2013	6.63	110	-44.53	1978.02	0.12	<0.10	1.3	6.5	214	0.032 J	<0.050		<0.50	<0.10	<0.15	0.12	<0.070	0.16	<0.15	2.4	27	8,100
	9/25/2013	6.46	380	-66.87	1339.39	<0.10	<0.10	2.5	4.9	99.6	0.051 J	<0.050	0.15	<0.50	<0.10	<0.15	<0.10	<0.070	<0.050	<0.15	<10.0	<10.0	7,580
	11/13/2013	6.42	180	-53.17	1192.14	<0.10	<0.10	4.75	4.4	120	0.11	<0.050	0.14	<0.50	1.1	<0.15	0.23	<0.070	0.054	<0.15	<10.0	22.2	7,310
	2/26/2014	6.55	220	-11.70	1037.95	<0.10	<0.10	4.75	4.5	68.3	0.11	0.040 J	0.12	<0.50	<0.10	<0.15	0.093 J	<0.070	0.049 J	<0.15	<10.0	<10.0	9,520

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-10S	9/19/2007	7.40	1,900	260	1400.0																		
	12/12/2007		6,000	250	1300.0																		
	3/21/2008		109		5514.0																		
	6/6/2008	6.70	230		1604.6																		
	9/10/2008	6.46	308		4517.3																		
	11/20/2008	6.61	545	585	4320.5																		
	3/16/2009	6.93	5,003	159	3510.4																		
	11/2/2009	6.64	1,970	-15	1683.6																		
	2/3/2010	6.63	5,474	-43	1547.1																		
	4/22/2010	6.61	1,396	-91	1835.1																		
	7/20/2010	6.62	2,423	-56	1806.6																		
	10/12/2010	6.64	951	-261	1852.2																		
	1/19/2011	6.91	2,654		1523.3																		
	5/4/2011	6.67	243	-247	1630.2	<0.10	<0.10	4.5	3.0	368	0.083	<0.070		<0.10	<0.10	<0.070	0.40	<0.070	0.063	<0.15	0.028	14.0	9,700
	7/27/2011	6.58	513	-158	1,734.6	<0.10	<0.10	3.0	3.4	414	<0.070	<0.070		<0.10	<0.10	0.150	0.28	<0.070	0.049	<0.15	0.15	29.0	13,000
	10/19/2011	6.73	200	-70	1,646.0	<0.10	<0.10	2.9	2.6	130	<0.070	<0.070		<0.10	<0.10	<0.070	0.12	<0.070	0.069	<0.15	0.084	12.0	10,000
	2/14/2012	6.71	169	-81	1,730.0	<0.10	<0.10	4.9	4.3	285	0.016 J	<0.070		<0.050	<0.050	<0.15	0.034 J	<0.070	<0.050	<0.15	0.11	21	12,000
	4/24/2012	6.77	238	-118	1,884.0	<0.10	<0.10	4.5	4.7	408	0.50	<0.05		<0.050	<0.050	<0.15	0.090 J	<0.070	0.082	<0.15	0.15	32	12,000
	8/2/2012	6.65	76	-95	1,765.0	<0.10		3.5	4.6	260	0.018J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	0.11	11	7,300
	11/15/2012	6.54	223	-67	1,652.0	<0.10	<0.10	2.2	3.8	139	0.051J	<0.050		0.12	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	0.084	9.4	9,800
	2/28/2013	6.69	160	-74	1,608	<0.10	0.14	4.75	5.2	257	<0.070	<0.050		<0.10	<0.050	<0.15	0.065 J	<0.070	<0.050	<0.15	0.091	11	12,000
	5/14/2013	6.62	100	-75.88	2,139.72	<0.10	<0.10	4.8	5.8	379	0.034 J	<0.050		<0.50	<0.10	<0.15	0.082 J	<0.070	<0.050	<0.15	0.260	33	13,000
	9/25/2013	6.39	140	-55.52	1,638.09	<0.10	<0.10	1.25	5.0	137	0.056 J	<0.050	0.14	<0.50	<0.10	<0.15	<0.10	<0.070	<0.050	<0.15	<10.0	279	9,890
	11/13/2013	6.54	50	-73.35	1,327.07	<0.10	<0.10	3.5	2.8	71.2	0.13	0.061	0.14	<0.50	<0.10	<0.15	0.19	<0.070	0.078	<0.15	<10.0	<10.0	11,000
	2/25/2014	6.42	240	-38.81	1,281.31	<0.10	<0.10		4.1	161	0.11	<0.050	0.14	<0.50	<0.10	<0.15	0.092 J	<0.070	0.042 J	<0.15	<10.0	46.6	15,600
MMW-11S	9/19/2007	7.60	2,300	220	880.0																		
	12/13/2007			390	720.0																		
	3/20/2008		200		3617.6					93.6													
	6/5 & 6/6/2008	7.13			723.8	<0.10				87.5	0.19	<0.070		<0.10	<0.10	<0.070	0.23	<0.070	<0.070	<0.070	0.26	0.21	18.0
	9/10 & 9/11/2008	6.83	338		0.3	<0.10				147													
	11/20/2008	6.99	782	518	2954.9	<0.10				138													
	3/16/2009	6.57	2,540	738	2887.2	5.6				187													
	6/16/2009					<0.10				202													
	8/5/2009	6.95	2,457	127	951.5	<0.10				176													
	11/2/2009	6.89	1,847	40	981.8	1.2				159											0.035	0.044	2.9
	2/3/2010	6.91	4,936	-24	1043.2	3.6				159											0.013	0.026	0.26
	4/22/2010	7.03	1,807	103	959.6	4.1				192													
	7/21 & 7/22/2010	6.97	1,751	50	1037.3	0.20				216													
	10/12/2010	6.95	301	-217	954.2	0.48				108													
	1/19/2011	6.70	305		975.5	5.1				173	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	4/30/2011	7.16	4,373	-30	850.1																		
	7/26/2011	6.87	250	-169	764.5																		
	10/21/2011	7.00	260	140	1108.0																		
	2/14/2012	7.03	1,601	70	997.1																		
	4/24/2012	7.11	567	66	858.0																		
	7/31/2012	7.03	92	232	992.0																		
	11/13/2012	6.90	237	107	1174.0																		
	3/1/2013	7.01	3,720	75	893.4																		
	5/13/2013	7.11	627	91.20	1345.67																		
	9/20/2013	7.01	770	77.35	971.83																		
	11/11/2013	6.92	460	49.95	1075.65																		
	2/25/2014	7.00	930	37.87	947.10																		

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-11D	3/16/2009	6.61	2,969	715	2745.4																		
	8/5/2009	7.06	2,358	41	830.1																		
	11/2/2009	7.01	2,495	-23	889.3																		
	2/3/2010	6.94	4,812	-1	939.2																		
	4/22/2010	7.02	1,325	96	945.6																		
	7/21/2010	7.00	1,820	36	960.9																		
	10/12/2010	7.02	209	-221	954.0																		
	1/19/2011	6.69	292		885.7																		
	4/30/2011	7.04	349	-123	906.1																		
	7/26/2011	6.82	394	-156	689.5																		
	10/21/2011	7.10	200	0	917.0																		
	2/14/2012	7.03	266	40	997.5																		
	4/24/2012	7.11	2,467	84	959.7																		
	7/31/2012	7.00	112	23	1140.0																		
	11/13/2012	6.99	377	11	1003.0																		
	3/4/2013	6.98	200	49	1058																		
	5/13/2013	7.01	270	64.00	1312.70																		
	9/24/2013	7.04	140	26.85	974.30																		
	11/11/2013	6.99	170	16.85	1005.37																		
	2/25/2014	6.99	140	10.62	956.88																<10.0	<10.0	<10.0
MMW-12S	3/16/2009	6.62	4,079	606	2817.7																		
	11/2/2009	6.93	1,885	116	948.2																		
	2/3/2010	6.80	5,624	251	1038.5																		
	4/20/2010	6.99	234	170	1046.2																		
	7/20/2010	7.00	10,359	160	932.5																		
	10/12/2010	6.92	349	-155	1026.0																		
	1/18/2011	6.57	640		1050.5																		
	4/30/2011	6.92	296	-118	1075.0																		
	7/26/2011	6.76	400	-114	1006.6																		
	10/18/2011	6.50	180	220	1063.0																		
	2/14/2012	6.95	352	57	1089.0																		
	4/23/2012	7.02	74	76	1105.0																		
	7/31/2012	6.53	40	142	1060.0																		
	11/13/2012	6.32	255	59	1032.0																		
	3/4/2013	6.90	280	101	1066																		
	5/10/2013	7.00	180	50.14	1474.90																		
	9/20/2013	6.23	220	18.05	1050.56																		
	11/13/2013	6.29	230	-0.51	824.75																		
	2/24/2014	6.12	240	-22.98	895.20																		
MMW-13D	3/16/2009	6.58	3,463	662	2420.6																		
	8/5/2009	7.20	2,502	-49	867.0																		
	11/2/2009	7.24	1,790	-61	664.9																		
	2/3/2010	7.21	5,090	-75	700.2																		
	4/22/2010	7.08	1,743	-55	828.3																		
	7/20/2010	7.17	1,906	-38	823.8																		
	10/12/2010	7.27	116	-255	759.8																		
	1/19/2011	6.64	230		697.0																		
	4/30/2011	7.18	340	-128	877.9																		
	7/26/2011	7.03	1,428	-204	913.7																		
	10/18/2011	7.28	180	-100	789.9																		
	2/14/2012	7.23	135	-82	814.1																		
	4/24/2012	7.25	169	-60	904.3																		
	7/31/2012	7.27	136	-112	942.2																		
	11/13/2012	7.23	486	-118	903.2																		
	3/4/2013	7.21	210	-56	749.6																		
	5/10/2013	7.22	410	-38.15	776.08																		
	9/20/2013	7.26	180	-105.00	883.03																		
	11/11/2013	7.26	120	-86.32	762.56																		
	2/25/2014	7.16	320	-44.36	652.85																<10.0	<10..0	22.4

Table 5

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Quarter 1 - 2014
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Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-14D	3/21/2008		78	895	5197.5																		
	6/5/2008	7.08			1003.5																		
	9/11/2008	6.95	14		0.4																		
	11/19/2008	6.90	1,070																				
	3/18/2009	6.71	850	780	2190.7																		
	8/5/2009	7.14	2,440	-83	763.8																		
	11/2/2009	7.10	1,820	1	782.7																		
	2/3/2010	7.01	5,793	303	779.2																		
	4/20/2010	7.14	231	111	750.8																		
	7/20/2010	7.13	4,430	-55	803.6																		
	10/12/2010	7.13	221	-224	820.2																		
	1/18/2011	6.67	247		812.7																		
	4/30/2011	7.16	397	-150	738.4																		
	7/26/2011	6.96	262	-183	827.0																		
	10/19/2011	6.78	240	-50	844.7																		
	2/14/2012	7.16	793	-62	815.2																		
	4/23/2012	7.24	437	-93	8.0																		
	7/31/2012	6.74	536	-41	851.8																		
	11/13/2012	6.25	228	-38	960.7																		
	3/4/2013	6.82	220	-61	972.6																		
	5/10/2013	7.08	300	-74.09	1405.61																		
	9/20/2013	6.34	170	-47.14	872.99																		
	11/13/2013	6.37	440	-43.95	770.67																		
	2/24/2014	7.01	120	-71.01	760.88																		
MMW-15S	2/15/2012	7.09	426	38	935.4																		
	4/26/2012	7.33	126	-13	804.3																		
	8/6/2012	7.02	167	119	878.8																		
	11/21/2012	6.96	395	105	859.0																		
	3/6/2013	7.05	460	68	832.8																		
	5/17/2013	7.00	300	196.90	1798.71																		
	9/18/2013	6.98	680	173.21	1038.87																		
	11/14/2013	7.03	190	206.85	867.84																		
	2/28/2014	6.98	1,200	169.15	809.57																		
MMW-15D	2/15/2012	7.33	422	-94	998.1																		
	4/26/2012	7.00	1,384	-6	920.5																		
	8/6/2012	7.39	59	-135	702.0																		
	11/21/2012	7.39	233	-149	649.0																		
	3/6/2013	7.35	160	-94	593.2																		
	5/17/2013	7.32	50	-107.16	1237.51																		
	9/18/2013	7.32	170	-106.00	604.22																		
	11/14/2013	7.45	170	-136.78	543.50																		
	2/28/2014	7.22	50	-97.16	724.94																<10.0	<10.0	<10.0
MMW-P-01	3/20/2008		21		5619.1																		
	6/7/2008		1,252		0.4																		
	11/19/2008	6.72	221																				
	3/17/2009	6.79	929	468	3419.4																		
	11/3/2009	6.74	1,774	-48	1824.2																		
	2/4/2010	6.87	697	-132	1530.4																		
	4/22/2010	7.07	1,376	-255	1493.8																		
	7/7/2010										2.5	<0.05		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	7/21/2010	6.78	2,113	-130	1421.3																		
	10/14/2010	6.76	203	-164	1382.5																		
	1/20/2011	6.79	1,354		1609.8																		
	5/5/2011	6.68	1,003	-176	1977.6	1.9	0.15	2.4	6.3	285	0.10	<0.070		<0.10	<0.10	<0.070	0.45	<0.070	0.071	<0.15	0.12	240	3,000
	7/28/2011	6.70	628	-161	1508.8	<0.10	<0.10	3.2	3.4	145	<0.070	<0.050		<0.050	<0.050	<0.15	0.28	<0.070	0.050	<0.15	0.76	670	13,000
	10/24/2011	6.76	120	-90	1694.0	<0.10	<0.10	5.0	2.6	81.5	1.0	<0.050		<0.050	<0.050	<0.15	0.82	<0.070	0.088	<0.15	0.72	1,600	12,000
	2/13/2012	6.77	89	-200	1737.0	<0.10	<0.10	2.9	3.8	56.0	0.021 J	<0.050		<0.050	<0.050	<0.15	0.047 J	<0.070	<0.050	<0.15	0.65	1,700	14,000
	4/25/2012	6.71	49	-205	1698.0	<0.10	<0.10	4.25	3.3	80.0	0.044 J	<0.050		<0.050	<0.050	<0.15	0.086 J	<0.070	<0.050	<0.15	0.6	1,300	13,000
	8/2/2012	6.74	56	-90	1901.0	<0.10		3.20	4.5	45.8	0.022J	<0.050		<0.050	<0.050	<0.15	0.097J	<0.070	<0.050	<0.15	0.63	1,500	15,000
	11/14/2012	6.65	277	-103	1869.0	<0.10	<0.10	2.25	3.2	106	0.058J	<0.050		<0.050	<0.050	<0.15	0.050J	<0.070	<0.050	<0.15	0.43	540	10,000
	3/4/2013	6.67	140	-83	1721	<0.10	<0.10	2.8	4.1	118	<0.070	<0.050		<0.10	<0.050	<0.15	0.057 J	<0.070	<0.050	<0.15	0.35	540	12,000
	5/15/2013	6.67	350	-12.99	3293.32	0.28	<0.10	5.2	4.7	377	0.063 J	<0.050		<0.50	<0.10	<0.15	0.078 J	<0.070	0.036 J	<0.15	0.17	68	4,600
	9/26/2013	6.60	430	-52.90	1877.00	<0.10	<0.10	4.5	3.2	122	0.19	0.056	0.35	<0.50	<0.10	<0.15	0.57	0.12	0.030J	0.066J	<10.0	451	12,700
	11/12/2013	6.32	170	-24.62	2040.04	<0.10	<0.10	4.0	3.2	133	0.084	0.077	0.11	<0.50	<0.10	<0.15	0.14	<0.070	<0.030 J	<0.15	<10.0	485	13,200
	2/27/2014	6.67	560	-40.21	1447.15	<0.10	<0.10	4.0	3.3	77.9	0.090	<0.050	0.11	<0.50	<0.10	<0.15	0.28	<0.070	0.026 J	<0.15	<10.0	443	16,300

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-P-02	3/20/2008		155		4637.4																		
	6/7/2008		1,180		4112.8																		
	9/11/2008	6.88	101		0.3																		
	11/19/2008	6.85	574																				
	3/17/2009	6.70	852	858	3641.0																		
	11/3/2009	6.97	2,066	98	1006.2																		
	2/4/2010	6.82	693	272	1324.1																		
	4/22/2010	6.99	148	256	1346.3																		
	7/21/2010	6.92	1,806	-10	1121.8																		
	10/13/2010	6.92	281	-209	1089.7																		
	1/19/2011	6.74	1,617		1256.8																		
	5/4/2011	6.92	321	-245	1263.9	<0.10	<0.10	1.8	1.7	33.2	0.13	<0.070		<0.10	<0.10	<0.070	0.32	<0.070	0.076	<0.15	1.1	1,600	17,000
	7/27/2011	6.86	322	-225	1083.8	<0.10	<0.10	2.5	1.0	190	<0.070	<0.050		<0.050	<0.050	<0.150	0.28	<0.070	<0.050	<0.15	1.2	240	4,300
	10/19/2011	6.93	210	-50	1174.0	<0.10	<0.10	2.2	1.4	84.2	0.08	<0.050		<0.050	<0.050	<0.150	0.44	<0.070	0.069	<0.15	1.4	670	13,000
	2/13/2012	6.78	1055	-5	1285.0	0.12	<0.10	3.0	3.3	85.5	0.43	<0.050		<0.050	<0.050	<0.150	0.027 J	<0.070	<0.050	<0.15	1.4	140	12,000
	4/25/2012	6.84	75	-179	1437.0	<0.10	<0.10	2.9	2.1	105	0.039 J	<0.050		<0.050	<0.050	<0.150	0.16	<0.070	<0.050	<0.15	1.6	180	13,000
	8/1/2012	6.80	-74	-74	1415.0	<0.10		3.0	2.3	93.5	<0.070	<0.050		<0.050	<0.050	<0.15	0.018J	<0.070	<0.050	<0.15	1.5	160	15,000
	11/14/2012	6.72	145	-132	1579.0	<0.10	<0.10	2.75	2.9	144	<0.070	<0.050		0.67J	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	1.2	570	12,000
	3/4/2013	6.83	150	-88	1286	<0.10	<0.10	1.25	2.7	69.4	<0.070	<0.050		<0.10	<0.050	<0.15	0.070 J	<0.070	<0.050	<0.15	1.2	74	15,000
	5/14/2013	6.87	550	-69.20	1502.42	<0.10	<0.10	1.8	1.9	113	0.032 J	<0.050		<0.50	<0.10	<0.15	0.068 J	<0.070	<0.050	<0.15	1.1	99	10,000
	9/25/2013	6.64	710	-55.87	1006.46	<0.10	<0.10	1.0	2.0	145	0.047 J	<0.050	0.048 J	<0.50	<0.10	<0.15	<0.10	<0.070	<0.050	<0.15	<10.0	18.0	4,370
	11/12/2013	6.61	220	-44.13	1347.82	<0.10	<0.10	3.75	2.3	130	0.052 J	<0.050	0.062 J	<0.50	<0.10	<0.15	0.19	<0.070	<0.015	<0.15	<10.0	<10.0	11,800
	2/26/2014	6.54	80	-40.33	1473.88	<0.10	<0.10	2.75	2.0	116	0.097	<0.050	0.11	<0.50	<0.10	<0.10	0.32	<0.070	0.046 J	<0.15	<10.0	57.0	11,700
MMW-P-03S	3/20/2008				5093.3					86.8													
	6/5, 6/6 & 6/7/2008		1,176		4004.7	<0.10				84.9	31.0	0.45		0.14	<0.10	0.12	1.400	1.200	31.0	0.37	5.3	0.82	59.0
	9/11/2008					<0.10				117													
	11/19/2008	6.84	127			<0.10				43.8													
	3/17/2009	6.66	812	809	3372.1	<0.10				42.1													
	6/17/2009					<0.10				<5.0													
	8/6/2009					<0.10				9.4													
	11/3/2009	6.91	1,783	-81	1162.9	<0.10				8.1											2.1	7.1	17,000
	2/3 & 2/4/2010	6.85	751	-63	1303.5	<0.10				38.4											0.63	11.0	18,000
	4/22/2010	6.92	170	-63	970.5	<0.10				18.8													
	7/21/2010	6.75	2,016	-72	1300.2	<0.10				<5.0													
	10/13/2010	6.88	270	-274	1333.0	<0.10				21.4													
	1/19/2011	6.77	1,417		905.3																		
	5/4/2011	6.83	234	-287	1227.4	<0.10	<0.10	2.8	4.2	<5.0	4.1	<0.070		<0.10	<0.10	<0.070	0.37	<0.070	0.23	<0.15	9.6	410	21,000
	7/27/2011	6.75	412	-175	1290.2	<0.10	<0.10	5.0	2.3	51.4	0.06	<0.050		<0.050	<0.050	<0.150	0.31	<0.070	0.051	<0.15	0.8	1,200	14,000
	10/19/2011	6.84	190	-90	1416.0	<0.10	<0.10	3.2	2.0	35.5	0.08	<0.050		<0.050	<0.050	<0.150	0.34	<0.070	0.071	<0.15	2.0	930	17,000
	2/13/2012	6.83	171	-44	924.0	<0.10	<0.10	2.5	2.9	39.8	0.25	<0.050		<0.050	<0.050	<0.150	0.045 J	<0.070	<0.050	<0.15	0.5	170	14,000
	4/25/2012	6.85	89	-226	971.7	<0.10	<0.10	2.0	2.4	46.8	0.078	<0.050		<0.050	<0.050	<0.150	0.14	<0.070	<0.050	<0.15	0.81	670	14,000
	8/1/2012	6.87	79	-133	1151.0	<0.10		2.0	3.4	9.9	0.260	<0.050		<0.050	<0.050	<0.15	0.11	<0.070	0.041J	<0.15	1.70	1,500	17,000
	11/14/2012	6.86	174	-177	729.6	<0.10	<0.10	2.2	1.9	32.0	0.042J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	0.74	240	12,000
	3/4/2013	6.83	160	-137	784.2	<0.10	<0.10	2.75	3.1	27.9	<0.070	<0.050		<0.10	<0.050	<0.15	0.053 J	<0.070	<0.050	<0.15	1.1	80	12,000
	5/14/2013	6.40	140	-95.67	1108.97	<0.10	<0.10	5.8	6.8	13.5	0.850	0.065		<0.50	<0.10	<0.15	0.072 J	<0.070	0.12	<0.15	11	260	14,000
	9/26/2013	6.76	160	-71.49	1314.80	<0.10	<0.10	4.5	3.1	61.6	0.068J	<0.050	0.12	<0.50	<0.10	<0.15	<0.10	0.13	0.022J	<0.15	<10.0	279	14,200
	11/12/2013	6.42	170	-67.49	1374.86	<0.10	<0.10		2.9	65.2	0.080	<0.050	0.096 J	<0.50	<0.10	<0.15	0.28	<0.070	0.021 J	<0.15	<10.0	600	22,700
	2/26/2014	6.60	120	-155.81	909.63	<0.10	<0.10	4.5	2.7	28.0	0.17	<0.050	0.10	<0.50	<0.10	<0.15	0.13	<0.070	0.049 J	<0.15	<10.0	371	16,800

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-P-03D	3/20/2008		56		1718.8																		
	6/5 & 6/6/2008					<0.10				46.0	53.0	0.43		<0.10	<0.10	0.23	1.2	0.380	24.0	0.85	0.39	0.94	1,200
	9/11/2008					<0.10				22.3													
	11/19/2008					<0.10				<5.0													
	3/17/2009	6.65	806	757	3253.2	<0.10				<5.0													
	6/17/2009					<0.10				6.8													
	8/6/2009					<0.10				32.1													
	11/3/2009	6.83	1,791	-48	1406.3	<0.10				<5.0											2.2	4.8	17,000
	2/4/2010	6.67	661	64	1360.5	<0.10				<5.0											2.7	8.3	25,000
	4/22/2010	6.88	143	-16	1143.8	<0.10				<5.0													
	7/21/2010	6.81	2,235	-125	1084.8	<0.10				6.8													
	10/13/2010	6.73	269	-246	1358.0	<0.10				<5.0													
	1/19/2011	6.28	2,351		1149.7	<0.10				25.8	0.60	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	5/4/2011	6.82	267	-294	1194.9	<0.10	<0.10	2.9	3.8	35.5	0.22	<0.070		<0.10	<0.10	<0.070	0.48	<0.070	0.084	<0.15	0.40	110	14,000
	7/27/2011	6.81	367	-192	1284.7	<0.10	<0.10	5.3	1.8	25.6	0.34	<0.050		<0.050	<0.050	<0.15	0.25	<0.070	0.067	<0.15	25.0	1,400	26,000
	10/18/2011	6.87	150	-150	1377.0	<0.10	<0.10	2.9	9.5	10.7	18.0	0.13		<0.050	<0.050	<0.15	<0.10	<0.070	1.0	<0.15	5.8	2,200	20,000
	2/13/2012	6.90	200	-26	1158.0	<0.10	<0.10	3.1	10.1	<5.0	18	0.092		<0.050	<0.050	0.084 J	0.46 J	<0.070	0.50	<0.15	5.0	2,400	24,000
	4/25/2012	6.81	51	-229	1374.0	<0.10	<0.10	3.2	25.0	<5.0	52	0.68		<0.050	<0.050	0.22	1.2	<0.070	1.0	0.055 J	8.4	2,400	24,000
	8/1/2012	6.82	35	-159	1415.0	<0.10		4.5	7.3	<5.0	8.6	0.046J		<0.050	<0.050	<0.15	<0.10	<0.070	0.38	<0.15	18.0	3,200	21,000
	11/14/2012	6.75	157	-189	1085.0	<0.10	<0.10	2.5	11.3	8.8	16.0	0.083		<0.050	<0.050	0.055J	<0.10	<0.070	0.43J	<0.15	47.0	820	20,000
	3/4/2013	6.82	110	-134	1210	<0.10	<0.10	2.7	4.3	19.9	0.57	<0.050		<0.10	<0.050	<0.15	0.044 J	<0.070	0.014 J	<0.75	67	1,000	22,000
	5/14/2013	6.77	80	-99.90	1975.54	<0.10	<0.10	5.4	3.4	83.5	0.056 J	<0.050		<0.50	<0.10	<0.15	0.10	<0.070	<0.050	<0.15	30	1,000	21,000
	9/26/2013	6.06	2,100	-17.46	1.36	<0.10	<0.10	3.75	3.7	35.4	0.19	0.048J	0.29	<0.50	<0.10	<0.15	0.58	0.090	0.035J	0.075J	115	111	1,130
	11/12/2013	6.47	100	-84.35	1365.90	<0.10	<0.10	5.25	4.6	33.1	1.7	0.080	0.12	<0.50	<0.10	<0.15	0.11	<0.070	0.68	<0.15	<10.0	1,480	28,800
	2/26/2014	6.51	80	-140.50	1301.60	<0.10	<0.10	5.5	3.4	29.8	0.72	0.045 J	0.11	<0.50	<0.10	<0.15	0.16	<0.070	0.25	0.059 J	18.3	1,150	30,600
MMW-P-04	3/20/2008		233		0.3				.														
	6/5/2008	6.87			1416.9																		
	9/11/2008	7.03			0.5																		
	11/19/2008	6.96	811																				
	2/12/2010	6.89	1,005	199	827.4																		
	4/21/2010	6.95	237	-47	808.1																		
	7/22/2010	6.74	3,591	-40	964.2																		
	10/13/2010	6.68	869	-203	1025.3																		
	5/5/2011	7.07	1,389	-185	1036.9	1.2	0.18	0.0	43.0	26.9	2.3	0.10		0.64	0.24	<0.070	1.4	<0.070	0.46	<0.15	0.044	11.0	10,000
	7/28/2011	6.67	1,011	-174	1363.1	<0.10	<0.10	4.7	18.1	<0.10	24	0.22		<0.050	<0.050	<0.15	<1.0	<0.070	1.7	<0.15	0.44	570	18,000
	10/24/2011	6.87	520	-150	874.0	<0.10	<0.10		11.6	39.8	5.0	0.11		<0.050	<0.050	<0.15	0.3	<0.070	0.31	<0.15	1.7	26.0	18,000
	2/17/2012	6.81	990	-200	694.8	<0.10	<0.10	2.5	5.5	<5.0	1.6	0.072		<0.050	<0.050	<0.15	0.2	<0.070	0.33	<0.15	0.2	6.4	19,000
	5/1/2012	6.70	994	-202	769.2	<0.10	<0.10	2.1	4.2	15.4	1.4	0.053		<0.050	<0.050	<0.15	<1.0	<0.070	0.029 J	<0.15	0.1	3.2	19,000
	8/8/2012	Insufficient water to sample																					
	11/21/2012	6.82	973	-227	726.5			3.1															
	3/9/2013	Sampled with bailer				<0.10	<0.10		Container froze at lab, unable to analyze	5.1	18	3.30		2.2	<0.05	0.42	0.13	1.3	16	0.42	0.47	5.4	18,000
	5/20/2013	Sampled with bailer				<0.10	<0.10		125	12.2	22	1.2		1.5	<0.10	0.14 J	0.39 J	0.79	12	0.27	0.36	6.6	14,000
	9/26/2013	Sampled with bailer				<0.10	<0.10	3.75	30.0	42.8	2.2	0.16	0.23	0.38 J	<0.10	0.057 J	0.24	<0.070	1.3	0.12 J	<10.0	61.0	22,900
	11/18/2013	6.82	870	-173.78	877.24	<0.10	<0.10	1.50	5.4	29.1	0.37	0.053	0.17	<0.50	<0.10	<0.15	<0.10	<0.070	0.48	<0.15	<10.0	36.1	23,200
	3/4/2014	6.74	240	-71.89	652.88	<0.10	<0.10	3.25	35.4	6.0	10	1.7	1.1	2.4 J	<1.0	1.1 J	2.0	1.4	8.2	0.88 J	<20.0	<20.0	16,300

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Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
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MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-P-05	3/20/2008				6086.2																		
	6/5/2008	6.86			1150.6																		
	9/11/2008	7.06			0.3																		
	11/19/2008	6.79	870	3,652																			
	3/17/2009	6.61	864	838	2669.5																		
	11/3/2009	6.98	1,842	-70	1036.9																		
	2/4/2010	6.98	724	-83	787.2																		
	4/22/2010	6.99	1,663	-26	1003.1																		
	7/21/2010	6.88	2,067	-80	1101.5																		
	10/13/2010	6.93	250	-240	917.8																		
	1/20/2011	6.69	174		987.9																		
	4/30/2011	6.99	209	-257	1036.9																0.025	58.0	9,900
	7/27/2011	6.80	607	-184	1436.7																0.23	1,300	15,000
	10/19/2011	7.11	230	-120	559.7																0.12	93.0	3,700
	2/13/2012	6.99	112	-286	822.8	<0.10	<0.10	1.9	19.0	59.5	4.2	0.066		<0.050	<0.050	0.055 J	<1.0	<0.070	0.26 J	<0.15	0.20	63	11,000
	4/25/2012	7.00	65	-251	734.1	<0.10	<0.10	3.0	3.8	46	0.3	<0.050		<0.050	<0.050	<0.15	0.15	<0.070	0.034 J	<0.15	0.20	51	7,200
	8/2/2012	7.21	60	-124	466.5	<0.10		1.2	1.5	39.1	0.013J	<0.050		<0.050	<0.050	<0.15	0.11J	<0.070	<0.050	<0.15	0.21	15	1,800
	11/14/2012	6.94	237	-215	907.0	<0.10	<0.10	1.2	4.2	86.8	0.24	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	0.19	4.8	6,300
	3/4/2013	6.98	140	-152	759.4	<0.10	<0.10	3.0	27.1	44.3	10	0.38		<0.10	<0.050	0.069 J	<0.10	0.029 J	1.7	0.10 J	0.47	17.0	6,400
	5/14/2013	6.85	60	-189.42	1819.48	<0.10	<0.10	5.0	13.8	25.6	2.4	<0.10		<1.0	<0.20	<0.30	0.32	<0.14	<0.10	<0.30	0.51	58.0	12,000
	9/26/2013	6.52	240	-69.14	1177.60	<0.10	<0.10	3.5	4.9	60.7	0.18	0.041J	0.094J	<0.50	<0.10	<0.15	0.46	0.15	0.045J	0.064J	<10.0	448.0	8,600
	11/13/2013	6.92	150	-116.75	695.45	<0.10	<0.10	4.75	2.1	36.8	0.086	<0.050	0.034 J	<0.50	<0.10	<0.15	0.46	<0.070	0.037 J	<0.15	<10.0	92.5	4,980
	3/4/2014	6.70	90	-147.08	758.01	<0.10	<0.10	2.75	10.1	49.7	1.8	0.12	0.20	<0.50	<0.10	<0.15	<0.10	<0.070	0.41	<0.15	<10.0	49.7	13,600
MMW-P-06	3/20 & 3/21/2008		29	900	4293.5					62.6													
	6/5 & 6/6/2008	7.07			980.4	<0.10				30.5	60.0	1.7		<0.10	<0.10	0.21	1.4	1.2	29.0	0.44	0.47	0.54	290
	9/11/2008	6.82			0.7	<0.10				39.1													
	11/19/2008	6.85	715			<0.10				130													
	3/17/2009	6.69	1,063	710	3884.4	<0.10				9.4													
	6/17/2009					<0.10				61.7													
	8/6/2009					<0.10				29.7													
	11/3/2009	6.89	1,631	-105	1276.4	<0.10				73.2											1.9	200	18,000
	2/4/2010	7.04	725	-86	927.1	<0.10				10.3											0.66	300	15,000
	4/22/2010	6.93	1,405	-106	1129.2	0.10				15.3													
	7/21/2010	6.96	2,001	-112	1448.3	<0.10				38.7													
	10/14/2010	6.94	162	-121	1194.9																		
	1/20/2011	6.80	1,062		1263.5	<0.10				65.8	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	5/4/2011	6.89	225	-296	1338.1																0.51	2,400	17,000
	7/28/2011	6.85	812	-198	1302.6																0.92	3,700	20,000
	10/24/2011	6.92	160	-90	1169.0																0.78	2,500	14,000
	2/13/2012	6.90	141	-213	1132.0	<0.10	<0.10	2.0	3.9	38.0	0.370	<0.050		<0.050	<0.050	<0.15	0.048 J	<0.070	<0.050	<0.15	0.87	1,800	17,000
	4/26/2012	6.64	71	-231	172.0	<0.10	<0.10	3.25	4.4	65.5	1.200	<0.050		<0.050	<0.050	<0.15	0.240	<0.070	0.031	<0.15	1.0	1,300	17,000
	8/2/2012	6.85	74	-96	1283.0	<0.10		2.8	3.7	54.5	0.069J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.010	<0.050	<0.15	0.92	1,100	15,000
	11/14/2012	6.82	204	-191	1237.0	<0.10	<0.10	3.1	2.3	82.5	0.063J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.010	<0.050	<0.15	0.74	500	16,000
	3/4/2013	6.78	110	-125	1242	<0.10	<0.10	2.25	4.4	44.1	0.98	<0.050		<0.10	<0.050	<0.15	0.045 J	<0.010	<0.050	<0.15	0.75	620	17,000
	5/15/2013	6.76	90	-110.39	2919.16	<0.10	<0.10	5.2	5.6	87.3	0.048 J	<0.050		<0.50	<0.10	<0.10	0.084 J	<0.070	0.037 J	<0.15	0.39	270	11,000
	9/26/2013	6.71	130	-59.54	1483.16	<0.10	<0.10	5.0	3.1	124	0.11	0.049 J	0.017 J	<0.50	<0.10	<0.15	0.42	0.11	0.023 J	0.068 J	<10.0	393	18,800
	11/13/2013	6.63	670	-73.58	945.37	<0.10	<0.10	3.75	3.2	50.4	0.10	0.046 J	0.089 J	<0.50	<0.10	<0.15	0.34	<0.070	0.046 J	<0.15	<10.0	408	25,300
	3/4/2014	6.38	260	-71.28	1627.00	<0.10	<0.10	3.2	4.1	88.9	0.21	0.10	0.13	<0.50	<0.10	<0.15	0.16	<0.070	0.078	<0.15	<20.0	637	23,400

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-P-07	3/21/2008		9	937	6055.8																		
	6/7/2008		1,200		5032.7																		
	9/11/2008	6.74			0.7																		
	11/19/2008	6.53	846																				
	3/17/2009	6.83	880	745	4022.3																		
	11/3/2009	6.62	1,745	-72	2224.1																		
	2/4/2010	6.72	721	-92	1800.3																		
	4/22/2010	6.68	1,400	-154	1924.8																		
	7/22/2010	6.60	3,369	-55	1605.5																		
	10/14/2010	6.59	359	-148	2187.6																		
	1/20/2011	6.74	1,377		1347.0																		
	5/4/2011	6.67	349	-242	1632.1	<0.10	<0.10	3.0	3.9	97.5	2.0	<0.050		<0.050	<0.050	<0.15	0.50	<0.070	0.15	<0.15	0.049	520	6,000
	7/28/2011	8.33	765	-161	2098.5	<0.10	<0.10	3.8	4.0	33.1	3.9	0.14		<0.050	<0.050	<0.15	0.98	<0.070	0.23	<0.15	0.12	480	8,100
	10/24/2011	6.66	110	-60	1492.0	<0.10	<0.10	3.8	2.1	31.6	0.078	<0.050		<0.050	<0.050	<0.15	0.46	<0.070	0.071	<0.15	0.31	330	12,000
	2/13/2012	6.79	541	-167	1754.0	<0.10	<0.10	2.9	3.3	82.5	0.52	0.041 J		<0.050	<0.050	<0.15	0.023 J	<0.070	<0.050	<0.15	0.26	190	12,000
	4/25/2012	6.69	77	-209	1841.0	<0.10	<0.10	4.25	3.3	73.5	0.020 J	<0.050		<0.050	<0.050	<0.15	0.051 J	<0.070	<0.050	<0.15	0.28	360	8,900
	8/2/2012	6.71	84	-96	1747.0	<0.10		4.6	3.5	30.5	0.033J	<0.050		<0.050	<0.050	<0.15	0.037J	<0.070	<0.050	<0.15	0.46	95	16,000
	11/12/2012	6.63	275	-120	2295.0	<0.10	<0.10	2.5	4.0	81.0	0.051J	<0.050		<0.050	<0.050	<0.15	0.055J	<0.070	<0.050	<0.15	0.13	180	6,200
	3/4/2013	6.72	150	-106	1945	<0.10	<0.10	2.25	7.0	81.4	0.13	0.023 J		<0.10	<0.050	<0.15	0.050 J	<0.070	<0.050	<0.15	0.16	250	5,700
	5/14/2013	6.70	60	-112.33	2740.76	<0.10	<0.10	4.2	4.4	165	0.060 J	<0.050		<0.50	<0.10	<0.15	0.059 J	<0.070	<0.050	<0.15	0.20	210	8,100
	9/25/2013	6.33	180	-60.71	1878.59	<0.10	<0.10	0.5	4.3	77.3	0.057 J	<0.050	0.11	<0.50	<0.10	<0.15	<0.10	<0.070	<0.050	<0.15	<10.0	83.7	16,500
	11/12/2013	6.28	200	-40.96	2122.62	<0.10	<0.10	5.25	3.3	86.0	0.078	0.061	0.10	<0.50	<0.10	<0.15	0.34	<0.070	0.028 J	<0.15	<10.0	<10.0	11,200
	2/27/2014	6.63	120	-65.75	1347.68	<0.10	<0.10	4.75	3.7	76.0	0.087	<0.050	0.11	<0.50	<0.10	0.065 J	0.069 J	<0.070	0.037 J	0.054 J	<20.0	<20.0	10,400
MMW-P-08	3/20 & 3/21/2008	2.29	245		3645.7					129													
	6/5 & 6/6/2008	7.00			1118.2	0.12				<5.0	0.12	<0.070		<0.10	<0.10	<0.070	0.22	<0.070	<0.070	<0.070	0.30	2.0	2,800
	9/10 & 9/11/2008	7.29	467		0.3	<0.10				<5.0													
	11/19/2008	7.00	1,129			<0.10				7.2													
	3/17/2009	6.77	876	674	4083.5	<0.10				5.1													
	6/17/2009					<0.10				5.0													
	8/6/2009					<0.10				38.3													
	11/3/2009	6.52	1,676	-74	1547.6	<0.10				23.6											0.081	320	8,000
	2/4/2010	6.63	631	-86	1629.4					<5.0											0.075	640	17,000
	4/22/2010	6.74	1,408	-202	1804.3	<0.10				8.5													
	7/22/2010	6.79	3,994	-70	939.3	<0.10				34.0													
	10/14/2010	6.65	395	-175	1923.7	<0.10				<5.0													
	1/20/2011	6.79	1,907		1965.5	<0.10				21.0	19.0	0.27		<0.050	<0.050	<0.15	<0.10	<0.070	2.1	<0.15			
	5/4/2011	6.81	221	-272	920.7	<0.10	<0.10	3.0	6.2	44.5	0.16	0.10		<0.050	<0.050	<0.15	0.26	<0.070	0.077	<0.15	0.34	430	6,800
	7/27/2011	6.54	597	-146	2323.7	<0.10	<0.10	3.8	3.0	185	0.096	<0.050		<0.050	<0.050	<0.15	0.27	<0.070	<0.050	<0.15	0.098	500	8,400
	10/24/2011	6.68	110	-90	1308.0	<0.10	<0.10	2.8	2.9	59.0	0.10	<0.050		<0.050	<0.050	<0.15	0.16	<0.070	0.074	<0.15	0.28	210	3,200
	2/13/2012	6.68	81	-220	1663.0	<0.10	<0.10	2.9	5.5	52.0	0.040 J	<0.050		<0.050	<0.050	<0.15	0.020 J	<0.070	<0.050	<0.15	3.4	220	8,000
	4/25/2012	6.62	27	-224	1709.0	<0.10	<0.10	3.2	4.6	87.0	0.056 J	<0.050		<0.050	<0.050	<0.15	0.12	<0.070	<0.050	<0.15	11	170	12,000
	8/2/2012	6.69	19	-111	1623.0	<0.10		4.2	3.9	48.2	0.034J	<0.050		<0.050	<0.050	<0.15	<0.15	<0.070	<0.050	<0.15	4.5	390	9,200
	11/14/2012	6.61	127	-162	1868.0	<0.10	<0.10	3.10	4.2	36.3	0.030J	<0.050		<0.050	<0.050	<0.15	0.044J	<0.070	<0.050	<0.15	9.30	230	7,000
	3/4/2013	6.64	100	-107	1625	<0.10	<0.10	2.50	5.0	162	0.074	0.035 J		<0.10	<0.050	<0.15	0.058 J	<0.070	<0.050	<0.15	12	320	9,200
	5/14/2013	6.61	190	-110.61	2765.24	<0.10	<0.10	5.2	11.3	372	0.062 J	<0.050		<0.50	<0.10	<0.15	0.068 J	<0.070	<0.050	<0.15	5.1	300	9,400
	9/25/2013	6.70	110	-81.56	1091.61	<0.10	<0.10	2.0	6.7	34.7	0.11	<0.050	0.081 J	<0.50	<0.10	<0.15	<0.10	<0.070	0.046 J	<0.15	11.9	164	7,340
	11/12/2013	6.32	60	-51.90	1562.55	<0.10	<0.10	5.0	4.1	54.5	0.089	0.058	0.11	<0.50	<0.10	<0.15	0.31	<0.070	0.026 J	<0.15	13.6	354	14,300
	2/27/2014	6.37	160	-55.74	1166.98	<0.10	<0.10	3.0	3.6	81.5	0.097	<0.050	0.12	<0.50	<0.10	0.066 J	0.10	<0.070	0.040 J	0.053 J	55.8	291	13,100

Table 5

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Quarter 1 - 2014
Michigan Plaza
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Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-P-09S	3/20/2008	2.49	230		3920.3	1.5				78.7													
	6/5 & 6/6/2008	6.97			963.6	5.1				161	3.5	<0.070		0.26	<0.10	<0.070	0.29	0.14	5.3	<0.070	0.033	<0.025	8.0
	9/10 & 9/11/2008	7.13	200		0.3	<0.10				114													
	11/19/2008	7.09	1,108			<0.10				133													
	3/17/2009	6.52	1,019	858	2249.3	0.72				82.4													
	6/16/2009					1.1				64.0													
	8/7/2009					0.60				45.7													
	11/3/2009	6.92	2,892	174	810.2	0.78				87.2											<0.025	0.037	6.5
	2/3 & 2/4/2010	6.94	3,997	-51	701.4	0.58				85.8											<0.025	<0.025	4.7
	4/22/2010	7.05	2,699	69	640.1	0.62				44.8													
	7/22/2010	7.00	5,477	27	1077.9	0.80				92.4													
	10/13/2010	6.89	1,026	-105	725.6	0.10				57.4													
	1/19/2011	6.56	1,732		711.5	0.10				106	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	4/30/2011	7.12	5,228	0	587.1																		
	7/26/2011	6.78	1,473	-85	882.4																		
	10/18/2011	6.90	760	160	850.9																		
	2/15/2012	6.95	2,621	164	786.3																		
	4/24/2012	7.08	1,364	30	708.7																		
	8/1/2012	6.94	537	88	866.6																		
	11/13/2012	6.93	803	196	678.9																		
	3/5/2013	6.96	1,840	87	650.2																		
	5/13/2013	6.95	4,410	225.05	1154.58																		
	9/23/2013	6.65	950	80.23	789.87																		
	11/11/2013	6.89	1,690	69.71	747.64																		
	2/25/2014	6.82	1,850	173.51	696.20																		
MMW-P-09D	3/20/2008	1.40	107		8894.3																		
	6/7/2008		443		3784.4																		
	11/19/2008	6.85	1,106		NS																		
	3/17/2009	6.57	819	834	2616.0																		
	11/3/2009	7.11	1,717	-59	897.8																		
	2/3/2010	7.10	4,243	-78	862.0																		
	4/22/2010	7.12	1,360	-64	884.7																		
	7/22/2010	7.18	3,702	-59	929.0																		
	10/13/2010	7.08	694	-282	903.0																		
	1/19/2011	6.12	1,079		788.7																		
	4/30/2011	7.17	347	-184	851.5																		
	7/26/2011	6.98	567	-198	919.1																		
	10/21/2011	7.17	200	-90	855.0																		
	2/15/2012	7.15	283	-103	830.4																		
	4/24/2012	7.24	254	-128	879.9																		
	8/1/2012	7.16	318	-95	920.5																		
	11/13/2012	7.13	170	-102	861.4																		
	3/5/2013	7.10	260	-87	856.5																		
	5/13/2013	6.91	250	-76.26	1372.28																		
	9/23/2013	7.07	210	-82.61	879.05																		
	11/11/2013	7.09	200	-81.16	846.05																		
	2/25/2014	7.02	130	-78.31	823.58																		

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Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-P-10S	3/20/2008	1.73			4589.7	0.52				50.8													
	6/5, 6/6 & 6/7/2008		1,078		3508.2	<0.10				71.8	0.11	<0.070		<0.10	<0.10	<0.070	0.21	<0.070	<0.070	<0.070	0.16	1.3	50.0
	9/11/2008	7.04	45		0.4	<0.10				111													
	11/19/2008	6.85	1,034			<0.10				34.4													
	3/17/2009	6.77	863	653	3958.2	<0.10				54.6													
	6/17/2009					<0.10				9.4													
	8/6/2009					<0.10				<5.0													
	11/3/2009	6.83	1,566	-112	705.5	<0.10				9.5											0.77	27.0	2,300
	2/4/2010	6.65	614	-93	1663.5	<0.10				69.2											1.7	230	14,000
	4/22/2010	6.97	1,564	-200	971.3	<0.10				15.8													
	7/21/2010	6.91	1,868	-105	900.8	<0.10				<5.0													
	10/14/2010	6.63	404	-154	1681.7	<0.10				85.8													
	1/20/2011	6.74	1,102		1009.0	0.12				29.2	4.7	0.15		<0.050	<0.050	<0.15	<0.10	<0.070	0.26	<0.15			
	5/5/2011	7.51	101	-341	329.6	<0.10	<0.10	1.8	2.7	17.6	0.16	<0.050		<0.050	<0.050	<0.15	0.37	<0.070	<0.050	<0.15	2.2	6.1	5,800
	7/27/2011	6.69	543	-170	1583.3	<0.10	<0.10	3.2	3.7	87.9	<0.070	<0.050		<0.050	<0.050	<0.15	0.21	<0.070	0.052	<0.15	1.4	120	13,000
	10/21/2011	6.90	110	-90	592.0	<0.10	<0.10	2.1	1.7	13.9	0.078	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	0.070	<0.15	1.8	22.0	4,300
	2/13/2012	6.90	112	-221	653.0	<0.10	<0.10	3.1	2.3	17.1	0.18	<0.050		<0.050	<0.050	<0.15	0.13	<0.070	<0.050	<0.15	2.8	15	9,000
	4/25/2012	6.86	45	-233	672.6	<0.10	<0.10	2.5	1.9	15.4	0.075	<0.050		<0.050	<0.050	<0.15	0.092 J	<0.070	<0.050	<0.15	4.0	30	10,000
	8/2/2012	6.69	50	-115	1721.0	<0.10		3.8	3.6	116	0.014J	<0.050		0.17	<0.050	<0.15	0.031J	<0.070	<0.050	<0.15	4.6	75	12,000
	11/14/2012	6.67	171	-163	1107.0	<0.10	<0.10	2.0	3.1	26.6	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	2.2	10	7,400
	2/28/2013	6.67	150	-103	1271	<0.10	<0.10	2.75	4.4	35.5	<0.070	<0.050		<0.10	<0.050	<0.15	0.046 J	<0.070	<0.050	<0.15	3.2	11	11,000
	5/15/2013	6.68	230	-102.10	1989.30	<0.10	<0.10	5.2	16.7	15.5	0.059 J	<0.050		<0.50	<0.10	<0.15	0.082 J	<0.070	0.031 J	<0.15	3.8	5.8	11,000
	9/25/2013	6.63	220	-74.45	1200.84	<0.10	<0.10	2.5	4.6	30.6	0.047 J	<0.050	0.12	<0.50	<0.10	<0.15	<0.10	<0.070	<0.050	<0.15	<10.0	<10.0	11,800
	11/12/2013	6.40	100	-53.40	1015.15	<0.10	<0.10	5.25	2.7	37.8	0.099	<0.050	0.090 J	<0.50	<0.10	<0.15	0.24	<0.070	0.040 J	<0.15	<10.0	11.9	8,790
	2/26/2014	6.47	90	-83.19	1232.89	<0.10	<0.10		4.1	60.5	0.16	<0.050	0.12	<0.50	<0.10	<0.15	0.10	<0.070	0.041 J	0.052 J	<10.0	33.3	14,700
MMW-P-10D	6/7/2008	1.71	1,134		4183.6																		
	3/17/2009	6.64	838	574	2733.7																		
	11/3/2009	6.80	1,699	-98	1104.1																		
	2/4/2010	6.78	619	-101	992.6																		
	4/22/2010	7.05	1,371	-192	857.0																		
	7/22/2010	6.83	2,694	-27	913.1																		
	10/14/2010	6.68	351	-165	1341.4																		
	1/20/2011	6.74	1,155		1338.7						0.072	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	5/5/2011	7.08	160	-300	597.7	<0.10	<0.10	1.8	2.8	43.0	0.10	<0.050		<0.050	<0.050	<0.15	0.19	<0.070	0.071	<0.15	1.2	200	18,000
	7/27/2011	6.82	539	-162	1073.2	<0.10	<0.10	5.0	2.1	64.1	<0.070	<0.050		<0.050	<0.050	<0.15	0.26	<0.070	<0.050	<0.15	1.8	530	23,000
	10/21/2011	6.86	160	-80	1039.0	<0.10	<0.10	2.3	1.7	55.0	0.10	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	0.078	<0.15	1.3	580	20,000
	2/13/2012	6.75	210	-184	1233.0	<0.10	<0.10	3.75	3.7	112	0.014 J	0.036 J		<0.050	<0.050	<0.15	0.025 J	<0.070	0.011 J	<0.15	2.6	260	16,000
	4/25/2012	6.79	85	-221	1225.0	<0.10	<0.10	3.5	2.5	76.5	0.036 J	<0.050		<0.050	<0.050	<0.15	0.17	<0.070	<0.050	<0.15	1.7	190	23,000
	8/2/2012	6.83	26	-109	1123.0	<0.10		2.7	2.9	87.5	0.011J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	1.3	140	20,000
	11/14/2012	6.76	159	-159	1359.0	<0.10	<0.10	2.7	5.0	84.5	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	2	160	22,000
	2/28/2013	6.83	130	-104	1070	<0.10	<0.10	2.75	2.9	82.1	<0.070	<0.050		<0.10	<0.050	<0.15	0.058 J	<0.070	<0.050	<0.15	0.68	43	17,000
	5/15/2013	6.66	230	-79.40	2242.17	<0.10	<0.10	5.1	4.4	37.4	0.065 J	<0.050		<0.50	<0.10	<0.15	0.068 J	<0.070	<0.050	<0.15	0.91	200	19,000
	9/25/2013	6.62	70	-62.12	1560.22	<0.10	<0.10	2.5	4.9	50.2	0.053 J	<0.050	0.11	<0.50	<0.10	<0.15	<0.10	<0.070	<0.050	<0.15	<10.0	358	29,800 E
	11/12/2013	6.46	150	-52.26	1074.60	<0.10	<0.10	5.0	4.1	44.1	0.19	<0.050	0.15	<0.50	<0.10	<0.15	2.3	<0.070	0.027 J	0.11 J	<10.0	191	26,700
	2/27/2014	6.25	590	-38.10	1029.92	<0.10	<0.10	3.25	3.6	77.0	0.090	0.046 J	0.094 J	0.81	<0.10	<0.15	0.15	<0.070	0.045 J	<0.15	<50.0	<50.0	24,400
MWW-P-11S	10/24/2011	6.97	490	-100	802.3	<0.10	<0.10	0.2	1.7	166	0.082	<0.050		<0.050	<0.050	<0.15	0.21	<0.070	0.070	<0.15	6.2	0.097	690
	2/15/2012	6.96	578	-58	913.2	0.60	<0.10	1.7	1.9	132	0.013 J	<0.050		<0.050	<0.050	<0.15	0.072 J	<0.070	<0.070	<0.15	0.15	2.8	1,600
	5/1/2012	6.94	353	-108	860.7	<0.10	<0.10	2.75	1.6	203	0.026 J	<0.050		<0.050	<0.050	<0.15	0.084 J	<0.070	0.014 J	<0.15	0.19	5.9	1,300
	8/7/2012	7.00	31	-61	777.0	<0.10		3.2	1.7	189	0.017 J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	0.22	5.6	960
	11/15/2012	6.77	315	-27	1154.0	<0.10	<0.10	1.2	1.8	148	0.046J	<0.050		<0.050	<0.050	<0.15	0.035J	<0.070	<0.050	<0.15	0.18	3.8	5,200
	3/6/2013	6.95	1,270	-4	953.2	0.32	<0.10		2.0	183	<0.070	<0.050		<0.10	<0.050	<0.15	0.057 J	<0.070	<0.050	<0.15	0.16	1.2	1,300
	5/20/2013	6.94	236	59.29	1697.03	0.16	<0.10	0.0	1.6	192	0.048 J	<0.050		<0.50	<0.10	<0.15	0.091 J	<0.070	0.024 J	<0.015	0.081	0.11	120
	9/24/2013	6.88	540	-35.01	968.57	<0.10	<0.10	1.2	2.1	299	0.16	<0.050	0.10	<0.50	<0.10	<0.15	0.14	<0.070	0.038 J	<0.15	<10.0	<10.0	297
	11/18/2013	6.94	280	-53.11	831.38	<0.10	<0.10	1.0	1.7	121	0.048 J	<0.050	0.066 J	<0.50	<0.10	<0.15	0.17	<0.070	0.027 J	<0.15	<10.0	<10.0	2,100
	2/4/2014	6.77	230	-27.06	856.37	<0.10	<0.10	0.75	1.7	109	0.047 J	<0.050		<0.50	0.42	<0.15	0.084 J	<0.070	0.038 J	<0.15	<10.0	<10.0	1,380
MMW-P-11DR	2/15/2012	7.02	134	-104	1244.0	<0.10	<0.10	3.8	2.0	275	0.031 J	<0.050		<0.050	<0.050	<0.15	0.040 J	<0.070	<0.070	<0.15	1.4	6.8	3,800
	5/1/2012	6.96	233	-97	1269.0	<0.10	<0.10		1.9	275	0.024 J	<0.050		<0.050	<0.050	<0.15	0.079 J	<0.070	<0.050	<0.15	1.1	7.4	1,000
	8/7/2012	6.98	28	-81	1401.0	<0.10		3.1	2.1	219	0.034 J	<0.050		<0.050	<0.050	<0.15	0.042 J	<0.070	<0.050	<0.15	1.3	7.7	590
	11/15/2012	6.87	140	-72	1291.0	<0.10	<0.10		1.8	147	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	1.2	19	6,200
	3/6/2013	7.02	100	-75	1155	<0.10	<0.10	2.75	2.0	165	<0.07	<0.050		<0.10	<0.05	<0.15	0.050 J	<0.070	<0.050	<0.15	1.3	12	1,400
	5/20/2013	6.97	110	-71.88	1803.22	0.13	<0.10	4.75	1.9	242	0.055 J	<0.050		<0.50	<0.10	<0.15	0.085 J	<0.070	0.021 J	<0.15	1.1	2.5	360
	9/24/2013	6.82	80	-63.78	1193.80	<0.10	<0.10	1.75	3.6	155	0.13	<0.050	0.11	<0.50	<0.10	<0.15	0.13	<0.070	0.040 J	<0.15	<10.0	<10.0	290
	11/18/2013	7.04	180	-192.32	1182.28	<0.10	<0.10	2.1	1.7	179	0.046 J	0.040 J	0.064 J	<0.50	<0.10	<0.15	0.11	<0.070	0.023 J	<0.15	<10.0	<10.0	1,020
	2/4/2014	6.93	90	-73.25	1158.28	<0.10	<0.10	2.2	1.7	182	0.047 J	<0.050		<0.50	<0.10	<0.15	0.075 J	<0.070	0.028 J	<0.15	<10.0	<10.0	648

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-P-12S	10/24/2011	7.05	240	-80	1106.0	<0.10	<0.10	2.1	1.4	156	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	0.070	<0.15	1.3	0.83	24
	2/15/2012	7.07	267	-76	1092.0	<0.10	<0.10	3.0	1.7	162	0.010 J	<0.050		<0.050	<0.050	<0.15	0.27	<0.070	<0.070	<0.15	0.92	0.65	94
	5/1/2012	6.97	76	-121	1173.0	<0.10	<0.10		1.6	176	0.026 J	<0.050		<0.050	<0.050	<0.15	0.093 J	<0.070	<0.050	<0.15	0.66	0.26	28
	8/7/2012	7.01	59	-102	1058.0	<0.10		2.7	1.9	135	0.019 J	<0.050		<0.050	<0.050	<0.15	0.040 J	<0.070	<0.050	<0.15	0.85	0.32	17
	11/19/2012	6.97	726	-101	1164.0	<0.10	<0.10	1.2	1.7	146	0.052J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	0.88	0.67	33
	3/9/2013	6.99	290	-78	1068	<0.10	<0.10	2.1	2.0	148	<0.07	<0.05		<0.10	<0.05	<0.15	0.08 J	<0.07	<0.05	<0.15	0.69	0.27	19
	5/20/2013	6.98	40	-75.66	1990.17																		
	9/24/2013	6.82	150	-73.89	1469.46	<0.10	<0.10	1.75	2.8	137	1.1	<0.050	0.095 J	<0.50	<0.10	<0.15	0.19	<0.070	0.059	<0.15	<10.0	<10.0	72.7
	11/18/2013	6.97	170	-192.92	1014.96	<0.10	<0.10	1.75	10.7	51.3	6.3	<0.050	0.098 J	<0.50	<0.10	<0.15	0.51	<0.070	0.77	<0.15	<10.0	169	1,180
	2/4/2014	7.07	150	-164.10	999.62	<0.10	<0.10	2.0	2.0	112	0.11	0.048 J		<0.50	<0.10	<0.15	0.090 J	<0.070	0.025 J	<0.15	<10.0	322	3,090
MMW-P-12D	10/24/2011	7.17	210	-100	1070.0	<0.10	<0.10	2.1	1.9	124	0.22	<0.050		<0.050	<0.050	<0.15	1.2	<0.070	0.13	<0.15	1.5	0.77	26
	2/15/2012	7.11	216	-94	1227.0	<0.10	<0.10	2.0	1.9	164	0.0075 J	<0.050		<0.050	<0.050	<0.15	0.040 J	<0.070	<0.070	<0.15	1.2	0.7	18
	5/1/2012	7.03	106	-214	1323.0	<0.10	<0.10	2.5	1.8	135	0.022 J	0.041 J		<0.050	<0.050	<0.15	0.089 J	<0.070	0.014 J	<0.15	1.1	0.66	24
	8/7/2012	7.05	30	-118	1320.0	<0.10		3.0	2.0	262	0.017 J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	1.1	0.4	19
	11/19/2012	7.00	531	-116	1437.0	<0.10	0.67	0.75	1.9	165	0.052J	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	1.2	0.65	20
	3/9/2013	7.04	120	-83	1266.0	<0.10	<0.10	2.0	2.1	181	<0.070	<0.050		<0.10	<0.050	<0.15	0.064 J	<0.070	<0.050	<0.15	0.91	0.33	23
	5/20/2013	7.07	40	-93.36	1882.36																		
	9/24/2013	6.88	80	-75.48	1489.40	<0.10	<0.10	2.0	2.3	157	0.10	<0.050	0.10	<0.50	<0.10	<0.15	0.19	<0.070	0.028 J	<0.15	<10.0	<10.0	15.4
	11/18/2013	7.10	120	-223.54	995.83	<0.10	<0.10	2.0	4.1	58.0	5.1	0.093	0.16	<0.50	<0.10	<0.15	<0.10	<0.070	1.5	<0.15	<10.0	17.8	117
	2/4/2014	7.17	170	-155.05	987.31	<0.10	<0.10	2.2	3.0	107	0.10	<0.050		<0.50	<0.10	<0.15	0.078 J	<0.070	0.045 J	<0.15	<10.0	27.7	79
MMW-P-13S	10/24/2011	7.03	1,350	70	925.3	0.75	<0.10	0.0	1.4	195	0.09	<0.050		<0.050	<0.050	<0.15	0.34	<0.070	0.070	<0.15	0.18	0.18	3.8
	2/16/2012	7.02	8,885	171	550.3																		
	4/26/2012	7.06	8,078	80	566.0																		
	8/7/2012	8.78	619	280	1109.0																		
	11/19/2012	6.95	4,503	105	1114.0																		
	3/7/2013	7.04	8,360	111	555.0																		
	5/17/2013	7.12	9,930	89.71	583.11																		
	9/23/2013	6.77	1,140	91.34	849.83																		
	11/15/2013	7.03	960	69.33	852.62																		
	2/3/2014	7.04	8,400	69.46	507.07																<10.0	<10.0	<10.0
MMW-P-13D	10/24/2011	7.20	190	-110	909.0	<0.10	<0.10	3.5	1.8	131	0.08	<0.050		<0.050	<0.050	<0.15	0.26	<0.070	<0.050	<0.15	2.0	1.3	20.0
	2/16/2012	7.17	176	-95	8450.7																		
	4/26/2012	7.13	105	-83	871.0																		
	8/7/2012	8.99	9	-102	998.0																		
	11/19/2012	7.11	340	-98	1294.0																		
	3/7/2013	7.12	220	-81	944.0																		
	5/17/2013	7.12	100	-87.41	989.49																		
	9/23/2013	6.86	140	-77.94	1003.83																		
	11/15/2013	7.22	130	-154.71	976.08																		
	2/3/2014	6.94	130	-73.03	903.66																<10.0	<10.0	<10.0
MMW-P-14S	2/16/2012	6.91	2,166	85	822.1																		
	4/26/2012	6.87	1,885	83	1242.0																		
	8/7/2012	6.92	364	221	1172.0																		
	11/20/2012	6.83	891	80	1213.0																		
	3/7/2013	6.91	2,520	74	1037																		
	5/17/2013	7.03	4,150	91.91	1866.02																		
	9/18/2013	6.75	770	96.59	1102.01																		
	11/15/2013	6.97	930	152.68	869.88																		
	2/3/2014	6.77	3,490	139.63	1875.54																<10.0	<10.0	<10.0
MMW-P-14D	2/16/2012	7.07	384	-49	1074.0																		
	4/26/2012	7.02	88	-50	1114.0																		
	8/7/2012	7.10	21	-75	1080.0																		
	11/20/2012	7.02	308	-89	1376.0																		
	3/7/2013	7.06	500	-29	1045																		
	5/17/2013	7.03	120	-56.11	2003.24																		
	9/18/2013	6.81	90	-73.78	1377.40																		
	11/15/2013	6.93	140	-64.55	1161.45																		
	2/3/2014	6.97	270	-44.85	1081.24																<10.0	<10.0	<10.0
MW-165D	7/7/2010										<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	3/6/2014	6.72	150	-78.29	899.20																<10.0	13.6	862
MW-166D	3/6/2014	7.15	140	-99.08	760.00																<10.0	24.8	130

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3801-3823 West Michigan Street
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MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MW-167S	4/21/2010	6.93	173	102	1212.3																		
	4/29/2011	7.10	7,894	75	916.5																		
	5/2/2012	6.82	168	-106	1626.0																		
	8/3/2012	Insufficient water to sample																					
	3/8/2013	Sampled with bailer																					
	5/16/2013	6.84	240	53.85	3580.24																		
	9/27/2013	Sampled with bailer																					
	11/20/2013	Sampled with bailer																					
	3/6/2014	Sampled with bailer																					
MW-167D	6/7/2008	0.08	454		2800.6																		
	4/21/2010	7.22	163	64	803.3																		
	4/29/2011	7.14	251	-116	910.1																		
	2/16/2012	7.14	142	-88	995.8																		
	5/2/2012	7.14	45	-78	855.8																		
	8/3/2012	7.11	147	-88	994.2																		
	11/16/2012	7.15	316	-94	852.1																		
	3/8/2013	7.08	430	-34	1242																		
	5/16/2013	7.10	120	-68.15	2013.41																		
	9/27/2013	7.09	200	-74.79	811.36																		
	11/20/2013	7.17	140	-128.50	802.32																		
	3/6/2014	6.96	90	-21.82	841.07																<10.0	<10.0	<10.0
MW-168S	3/20/2008					2.2				251													
	6/5 & 6/6/2008	6.76			1395.0	5.8				190	0.12	<0.070		<0.10	<0.10	<0.070	0.21	<0.070	<0.070	<0.070	0.052	<0.025	17.0
	9/11/2008					1.1				6.8													
	4/22/2010					<0.10				140													
	4/25/2012	Insufficient water to sample																					
	3/8/2013	Sampled with bailer																					
	9/27/2013	Sampled with bailer																					
	11/20/2013	Sampled with bailer																					
	3/6/2014	Sampled with bailer																					
MW-168D	3/20/2008									109													
	6/5/2008	6.92			1283.4	<0.10				31.0													
	9/11/2008									114													
	11/20/2008	6.88	530	504	3318.8	<0.10				39.3													
	3/17/2009	6.64	871	795	2948.1	<0.10				43.0													
	6/18/2009					<0.10				50.5													
	8/7/2009					<0.10																	
	11/3 & 11/4/2009	6.77	7,162	-107	1070.8	<0.10				59.4											0.55	22.0	16,000
	2/4/2010	6.87	469	-74	941.8	<0.10				50.8											0.41	11.0	15,000
	4/21/2010	6.86	190	53	1128.5	<0.10				79.7													
	7/22/2010	6.94	4,678	-53	1194.6	<0.10				82.2													
	10/13/2010	6.77	350	-230	1184.4	<0.10				60.8													
	4/29/2011	6.93	206	-199	1056.7																		
	7/28/2011	6.75	528	-163	1476.1																		
	10/24/2011	6.87	200	-100	1209.0																		
	2/17/2012	6.89	136	-174	1131.0																		
	5/2/2012	6.79	27	-179	1383.0																		
	8/3/2012	6.87	35	-92	1243.0																		
	11/16/2012	6.90	211	-104	1186.0																		
	3/8/2013	6.94	180	-84	1018																		
	9/27/2013	6.75	100	-73.81	1394.49																		
	11/20/2013	6.83	190	-93.03	1129.87																		
	3/6/2014	6.78	180	-66.56	1103.22																		
*MW-169S	4/21/2010	7.05	228	-49	848.4																		
	4/29/2011	6.91	3,567	19	975.4																		
	5/2/2012	Insufficient water to sample																					
	5/16/2013	6.91	5,280	33.69	1891.56																		
*MW-169D	6/7/2008		636		3354.6																		
	4/21/2010	7.13	207	-53	783.5																		
	4/29/2011	7.04	232	-177	880.0																		
	5/2/2012	7.00	87	-148	1062.0																		
	5/21/2013	6.47	100	-71.64	2524.27																		

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MW-170S	6/3/2008	7.09	187		1437.8																		
	4/21/2010	7.02	162	90	1489.9																		
	4/29/2011	6.99	486	-44	1241.0																		
	2/16/2012	6.93	483	79	1718.0																		
	5/2/2012	6.93	768	118	1488.0																		
	8/3/2012	6.89	379	300	1554.0																		
	11/16/2012	6.93	2,316	171	1484.0																		
	3/8/2013	6.90	310	161	1377																		
	5/16/2013	6.88	2,210	108.28	2783.03																		
	9/27/2013	6.85	260	173.78	1505.68																		
	11/20/2013	6.89	250	47.73	1915.69																		
	2/4/2014	6.82	260	153.18	1598.36																<10.0	<10.0	<10.0
MW-170D	6/3/2008		7		969.5																		
	7/7/2010										<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	4/21/2010	7.11	190	87	1148.6																		
	4/29/2011	7.12	282	-142	1039.7																		
	2/16/2012	7.02	243	-74	1898.0																		
	5/2/2012	7.00	82	-82	1587.0																		
	8/3/2012	7.04	68	-82	1690.0																		
	11/16/2012	7.04	200	-119	1224.0																		
	3/8/2013	7.03	130	-84	1234.0																		
	5/21/2013	7.07	180	-77.42	2191.38																		
	9/27/2013	6.85	100	-68.59	1350.83																		
	11/20/2013	7.02	110	-96.09	1131.18																		
	2/4/2014	6.94	190	-50.86	1070.16																<10.0	<10.0	<10.0
*MW-171S	6/7/2008	7.21	626		2714.6																		
	4/29/2011	6.98	4,282	70	798.8																		
	5/2/2012	6.80	72	211	791.5																		
	5/16/2013	Insufficient water to sample																					
*MW-171D	6/7/2008	7.32	415		3178.5																		
	4/21/2010	7.07	171	16	846.3																		
	7/22/2010	7.05	4,607	-47	1001.9																		
	4/29/2011	7.01	377	-164	887.8																		
	5/2/2012	6.96	46	-174	891.3																		
	5/16/2013	7.02	40	-79.69	962.15																		
MW-174D	3/6/2014	7.16	180	-76.78	908.92																<10.0	<10.0	25.6
MMW-C-01	9/10/2008	7.51	477		0.3																		
	11/20/2008	6.79	491	480	2907.9																		
	3/17/2009	6.57	770	693	2702.0																		
	11/3/2009	6.92	1,765	-100	983.5																		
	2/3/2010	6.94	3,818	-59	758.5																		
	4/21/2010	7.10	174	57	723.4																		
	7/22/2010	6.96	5,588	47	792.0																		
	10/13/2010	6.93	3,883	-29	834.6																		
	1/19/2011	6.77	1,522		741.5																		
	5/5/2011	7.41	9,253	-75	463.2	14.7	<0.40	0.0	<1.0	31.2	0.110	<0.050		<0.050	<0.050	<0.15	0.28	<0.070	<0.050	<0.15	<0.025	<0.025	0.14
	7/27/2011	6.80	707	-190	1156.7	0.79	<0.10	0.0	1.8	113	<0.070	<0.050		<0.050	<0.050	<0.15	0.26	<0.070	<0.050	<0.15	0.12	170	12,000
	10/21/2011	6.92	340	-30	756.5	0.79	<0.10	1.2	2.4	89.0	0.10	<0.050		<0.050	<0.050	<0.15	0.37	<0.070	0.066	<0.15	0.081	94	12,000
	2/15/2012	6.98	1,682	-31	780.0	7.7	<0.10	2.0	1.9	73.5	0.0073 J	<0.050		<0.050	<0.050	<0.15	0.034 J	<0.070	<0.050	<0.15	0.22	5.6	10,000
	4/24/2012	7.05	178	-54	791.4	<0.10	<0.10	2.75	2.2	71.0	0.034 J	<0.050		0.27	<0.050	<0.15	0.11	<0.070	<0.050	<0.15	0.20	24	12,000
	8/1/2012	6.97	190	-96	828.6	<0.10		2.2	2.5	36.2	0.0086J	<0.050		<0.050	<0.050	<0.15	0.094J	<0.070	<0.050	<0.15	0.13	3.7	14,000
	11/15/2012	6.50	510	-31	757.3	0.43	<0.10	1.2	2.2	68.0	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15	0.026	2.3	11,000
	3/5/2013	6.91	840	-1	847.6	4.5	<0.10	0.75	2.1	114.0	<0.070	<0.050		<0.10	<0.050	<0.15	0.062	<0.070	<0.050	<0.15	0.15	0.56	8,100
	5/15/2013	7.12	4,120	36.55	1531.57	4.0	<0.10	0.0	0.87	62.1	0.044 J	<0.050		<0.50	<0.10	<0.15	0.10	<0.070	0.020 J	<0.15	0.11	1.4	2,000
	9/26/2013	6.72	310	-53.60	1097.89	<0.10	<0.10	4.5	2.8	62.0	0.097	0.046 J	0.14	<0.50	<0.10	<0.15	<0.10	0.12	0.024 J	0.053 J	<10.0	117	16,300
	11/13/2013	6.85	460	-61.77	732.86	<0.10	<0.10	3.75	2.3	91.4	0.083	0.049 J	0.088 J	<0.50	<0.10	<0.15	0.28	<0.070	0.037 J	<0.15	<10.0	<10.0	16,200
	3/4/2014	6.88	690	-51.75	760.62	2.0	<0.10	2.75	2.3	72.8	0.10	<0.050	0.13	<0.50	<0.10	<0.15	0.087 J	<0.070	<0.050	<0.15	<10.0	<10.0	19,100

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MMW-C-02S	11/20/2008	6.97	931	476	2806.7																		
	3/17/2009	6.55	811	867	2506.9																		
	11/38/09	6.80	1,811	24	784.9																		
	2/3/2010	6.77	3,782	76	778.9																		
	4/21/2010	6.92	177	202	786.3																		
	7/22/2010	6.88	2,670	30	755.8																		
	10/13/2010	6.80	212	-175	717.4																		
	1/19/2011	6.58	1,651		705.0	0.14				76.8	<0.070	<0.050		<0.050	<0.050	<0.15	<0.10	<0.070	<0.050	<0.15			
	4/30/2011	6.89	3,184	-17	689.2																		
	7/27/2011	6.72	694	-146	811.9																		
	10/18/2011	6.82	180	80	779.9																		
	2/15/2012	6.83	156	27	747.9																		
	4/24/2012	6.92	212	17	738.5																		
	8/1/2012	6.94	202	-8	657.5																		
	11/13/2012	6.27	166	11	665.5																		
	3/5/2013	6.82	270	33	707.4																		
	5/13/2013	6.79	728	83.72	1232.48																		
	9/23/2013	6.76	230	36.84	810.51																		
	11/11/2013	6.91	250	31.63	692.89																		
	2/24/2014	6.54	180	4.61	705.73																		
MMW-C-02D	2/15/2012	7.03	165	-105	902.3																		
	4/26/2012	7.03	57	-158	809.9																		
	8/8/2012	8.03	40	-139	918.0																		
	11/19/2012	6.93	488	-102	1226.0																		
	3/7/2013	6.98	120	-78	855.9																		
	5/20/2013	7.03	60	-105.03	685.91																		
	9/18/2013	6.76	90	-87.12	793.86																		
	11/14/2013	6.77	20	-106.44	662.61																		
	2/28/2014	6.93	120	-73.29	1111.27																		
MMW-C-16S	8/6/2012	6.69	108	4	1141.0																		
	11/19/2012	6.59	807	5	1373.0																		
	3/6/2013	6.68	340	25	1106																		
	5/15/2013	6.70	460	55.53	2374.38																		
	9/23/2013	6.71	220	3.00	1020.23																		
	11/14/2013	6.78	180	-6.78	911.40																		
	2/28/2014	6.71	430	42.06	1134.46																		
MMW-C-16D	8/6/2012	6.96	42	-101	1241.0																		
	11/19/2012	6.92	472	-93	1368.0																		
	3/6/2013	6.89	130	-84	1246																		
	5/15/2013	6.90	60	-92.87	2600.62																		
	9/23/2013	6.89	60	-76.71	1283.42																		
	11/14/2013	6.88	40	-163.06	974.82																		
	2/28/2014	6.91	230	-71.62	1174.10																		
MMW-C-17D	8/6/2012	7.17	78	-114	910.0																		
	11/20/2012	7.06	293	-140	1183.0																		
	3/7/2013	7.12	100	-118	857.0																		
	5/15/2013	7.13	100	-106.36	2089.05																		
	9/18/2013	6.91	120	-102.66	883.21																		
	11/14/2013	7.11	570	-115.45	795.07																		
	3/4/2014	6.81	100	-95.83	847.55																		

Table 5

Cumulative Groundwater Analytical Data for Enhanced Anaerobic Bioremediation
Quarter 1 - 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

Well ID	Sample Date	pH	Dissolved Oxygen	Oxidation Reduction Potential	Conductivity	Nitrogen, Nitrate	Nitrogen, Nitrite	Iron	Total Organic Carbon	Sulfate	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	i-Hexanoic Acid	i-Pentanoic Acid	Lactic Acid and HIBA	Pentanoic Acid	Propionic Acid	Pyruvic Acid	Ethane	Ethene	Methane
		-	ug/L	mV	uS/cm	mg/L															ug/l		
		FIELD MEASUREMENTS				LAB RESULTS																	
MW-WES-01A	10/9/2013																				<2.0	<2.0	<1.0
	11/20/2013																				<10.0	<10.0	<10.0
	1/25/2014																				<10.0	<10.0	<10.0
	2/18/2014																				<10.0	<10.0	<10.0
MW-WES-01B	10/9/2013																				<2.0	<2.0	<1.0
	11/20/2013																				14.9	11.0	31.2
	1/25/2014																				<10.0	<10.0	<10.0
	2/18/2014																				<10.0	<10.0	<10.0
MW-WES-01C	10/9/2013																				<2.0	<2.0	20
	11/20/2013																				<10.0	<10.0	551
	1/25/2014																				16.9	11.0	79.9
	2/18/2014																				<10.0	<10.0	161
MW-WES-02A	10/9/2013																				<2.0	<2.0	<1.0
	11/20/2013																				<10.0	10.7	<10.0
	1/21/2014																				<10.0	<10.0	<10.0
	2/19/2014																				<10.0	<10.0	<10.0
MW-WES-02B	10/9/2013																				<2.0	<2.0	<1.0
	11/20/2013																				<10.0	<10.0	<10.0
	1/20/2014																				<10.0	<10.0	<10.0
	2/19/2014																				<10.0	<10.0	<10.0
MW-WES-02C	10/9/2013																				<2.0	<2.0	310
	11/20/2013																				<10.0	<10.0	409
	1/20/2014																				<10.0	<10.0	479
	2/19/2014																				<10.0	<10.0	249
MW-WES-03A	10/8/2013																				<2.0	<2.0	<1.0
	11/19/2013																				<10.0	<10.0	<10.0
	1/20/2014																				<10.0	<10.0	<10.0
	2/17/2014																				<10.0	<10.0	<10.0
MW-WES-03B	10/8/2013																				<2.0	<2.0	29
	11/19/2013																				11.7	<10.0	63.5
	1/20/2014																				<10.0	<10.0	37.5
	2/17/2014																				<10.0	<10.0	20.4
MW-WES-04A	10/8/2013																				<2.0	<2.0	<1.0
	11/19/2013																				<10.0	<10.0	<10.0
	1/20/2014																				<10.0	<10.0	<10.0
MW-WES-04B	10/8/2013																				<2.0	<2.0	<1.0
	11/19/2013																				<10.0	<10.0	<10.0
	1/20/2014																				<10.0	<10.0	<10.0
MW-WES-05A	10/8/2013																				<2.0	<2.0	<1.0
	11/19/2013																				<10.0	<10.0	<10.0
	1/20/2014																				<10.0	<10.0	18.0
	2/18/2014																				<10.0	<10.0	113
MW-WES-05B	10/8/2013																				<2.0	<2.0	5.5
	11/19/2013																				<10.0	<10.0	14.6
	1/20/2014																				<10.0	<10.0	<10.0
	2/18/2014																				<10.0	<10.0	<10.0
MW-WES-05C	10/9/2013																				<2.0	<2.0	<1.0
	11/20/2013																				<10.0	<10.0	<10.0
	1/20/2014																				<10.0	<10.0	<10.0
	2/18/2014																				<10.0	<10.0	<10.0
MW-WES-06S	2/19/2014																				<10.0	<10.0	19.0
MW-WES-06D	2/19/2014																				<10.0	15.7	56.6
MW-WES-07	2/20/2014																				<10.0	<10.0	39.5
MW-WES-08S	2/20/2014																				10.2	<10.0	20.1
MW-WES-08D	2/20/2014																				<10.0	<10.0	24.1
MW-WES-09S	2/19/2014																				<10.0	10.8	37.7
MW-WES-09D	2/20/2014																				<10.0	<10.0	49.3

Notes:

Sampling locations outlined in **GREEN** have been identified as 'Indicator Compound Locations.' These locations will be sampled quarterly for VOCs, Nitrate/Nitrite, Sulfate, Methane, Ethane, Ethene, Volatile Fatty Acids and Ferrous Iron, beginning 2nd Quarter 2011.

Gray shading indicates that no data is available. Lack of data is generally due to equipment malfunction in the field or absence of the parameter from the quarterly sampling plan.

* Indicates sampling locations at the Site sampled on an **ANNUAL** basis. All other sampling locations are sampled quarterly.

J Estimated concentration greater than the set method detection limit (MDL) and less than the set reporting limit (RDL).

TABLE 6

CUMULATIVE AIR SAMPLING ANALYTICAL RESULTS - APARTMENTS (TO-3 AND TO-15 SIM ANALYSIS)

Maple Creek Village Apartments
Indianapolis, Indiana
MUNDELL Project No. M01046

Sample ID	Sample Date	Tetrachloroethene (PCE)			Trichloroethene (TCE)			cis-1,2-Dichloroethene (cis-1,2-			Vinyl Chloride (VC)			Methane
		ppb v/v	ug/m^3	mg/m^3	ppb v/v	ug/m^3	mg/m^3	ppb v/v	ug/m^3	mg/m^3	ppb v/v	ug/m^3	mg/m^3	ppmv
2002 EPA[1]			**81**			**2**			**35**			**28**		
2010 IDEM - 30-year - Residential [2]			**3.2**			**1.2**			**37**			**2.2**		
2012 IDEM RCG - Residential [3]			4.1			2.1			-			1.6		
10% LEL														**5,000**
LEL														**50,000**
Building 1 (basement-laundry room)	4/23/2003	28	**190**	0.1900	0.38	**2.0**	0.0020	0.05	0.22	0.0002	ND	ND	ND	NA
Building 1, Basement Apt 101	10/7/2004	6.8	**46**	0.0460	0.21	1.1	0.0011	0.17	0.67	0.0007	0.05	0.13	0.0001	NA
	4/14/2008	0.11	0.74	0.0007	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	2/26/2009	0.23	1.6	0.0016	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/4/2010	0.20	1.4	0.0014	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	5/10/2011	0.37	2.5	0.0025	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	4/24/2012	0.15	1.0	0.0010	ND	<0.27	<0.00027	ND	<0.20	<0.0002	ND	<0.13	<0.00013	NA
	5/22/2013	0.13	0.9	0.0009	ND	<0.27	<0.00027	ND	<0.20	<0.0002	ND	<0.13	<0.00013	NA
	10/4/2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.8
Building 1, Apt 104 (second floor)	10/7/2004	0.96	6.5	0.0065	0.08	0.41	0.00041	0.39	1.5	0.0015	0.10	0.25	0.0003	NA
Building 1, Apt. 105 (second floor)	5/10/2011	0.09	0.61	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	4/24/2012	0.21	1.4	0.0014	0.068	0.36	0.00036	ND	<0.20	<0.00020	ND	<0.13	<0.00013	NA
	5/22/2013	0.092	0.63	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Building 1, Apt 108 (Daughter's Room)	2/26/2009	3.9	27	0.0270	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/4/2010	2.4	16	0.0160	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Building 1, Apt 109 (third floor)	10/7/2004	5.8	**39**	0.0390	0.16	0.86	0.0009	0.13	0.52	0.0005	0.06	0.16	0.0002	NA
	4/14/2008	1.80	12	0.0120	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Building 2, Basement Apt 201	12/5/2013	<0.14	<0.99	<0.00099	<0.14	<0.79	<0.00079	<0.3	<1.2	<0.0012	<0.14	<0.37	<0.00037	3.5
Building 6, basement	4/24/2003	0.95	6.4	0.0064	0.05	0.26	0.0003	0.04	0.95	0.0010	ND	ND	ND	NA
Building 6, Basement Apt 602	4/14/2008	0.26	1.8	0.0018	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	2/26/2009	0.45	3.1	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/4/2010	5.40	**36**	0.0360	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	5/10/2011	0.10	0.7	0.0007	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	4/24/2012	0.072	0.49	0.00049	0.069	0.37	0.00037	0.083	0.33	0.00033	0.053	0.13	0.00013	NA
	5/22/2013	ND	<0.34	<0.00034	ND	<0.27	<0.00027	ND	<0.20	<0.00020	ND	<0.13	<0.00013	NA
Building 20 Apt 2002	10/7/2004	0.06	0.37	0.0004	0.08	0.42	0.0004	0.17	0.67	0.0007	0.05	0.12	0.0001	NA
Building 20 Apt 2006	10/7/2004	0.095	0.64	0.0006	0.11	0.59	0.0006	0.22	0.87	0.0009	0.07	0.17	0.0002	NA
Building 20 Apt 2008	10/7/2004	0.36	2.4	0.0024	0.40	**2.1**	0.0021	0.23	0.91	0.0009	0.07	0.17	0.0002	NA
Building 10, Basement Apt 1001	4/14/2008	0.26	0.25	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	2/26/2009	0.99	6.7	0.0067	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/4/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	5/10/2011	0.11	0.75	0.0008	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	4/24/2012	0.076	0.51	0.00051	ND	<0.27	<0.00027	0.064	0.25	0.00025	ND	<0.13	<0.00013	NA
	5/22/2013	0.056	0.38	0.00038	ND	<0.27	<0.00027	ND	<0.20	<0.00020	ND	<0.13	<0.00013	NA
Ambient Air NW Meadows MAA-1	10/7/2004	0.29	2.0	0.0020	0.30	1.6	0.0016	0.33	1.3	0.0013	0.06	0.15	0.0002	NA
Ambient Air NE Meadows MAA-2	10/7/2004	0.21	1.4	0.0014	0.19	1.0	0.0010	0.18	0.71	0.0007	0.05	0.12	0.0001	NA
Ambient Air SE Meadows MAA-3	10/7/2004	0.3	2.0	0.0020	0.15	0.81	0.0008	0.16	0.63	0.0006	0.05	0.14	0.0001	NA
Ambient Air - Bldg 1	4/14/2008	0.08	0.54	0.0005	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	2/26/2009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	3/4/2010	0.06	0.39	0.0004	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	5/10/2011	ND	ND	ND	0.06	0.31	0.0003	ND	ND	ND	ND	ND	ND	NA
	4/24/2012	ND	<0.34	<0.00034	ND	<0.27	<0.00027	ND	<0.20	<0.0002	ND	<0.13	<0.00013	NA
	5/22/2013	ND	<0.34	<0.00034	ND	<0.27	<0.00027	ND	<0.20	<0.0002	ND	<0.13	<0.00013	NA

Note: Results shown in bold **RED** exceed the draft U.S. EPA indoor air guidance; results with bold **BLACK** and light blue shading exceed 2010 IDEM Draft Vapor Intrusion Pilot Program Guidance residential 30-year screening levels; results with **green outline** exceed 2012 IDEM Remediation Closure Guide residential screening levels.
1 = EPA Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils, November 2002
2 = February 4, 2010 IDEM Draft Vapor Intrusion Pilot Program Guidance Supplement.
3 = IDEM Remediation Closure Guide, March 22, 2012, Table A-6.

Table 7
Cumulative Methane Field Measurement and Laboratory Analytical Results
Michigan Plaza
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Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
Mitigation System B-1 (3801)	5/22/2013	-	-	-	2.3
	9/17/2013	-	-	-	2.4
	11/21/2013	-	-	-	2.9
	1/14/2014	-	-	0	-
	2/28/2014	-	-	-	2.6
Mitigation System B-2 (3811)	5/22/2013	-	-	-	2.1
	9/17/2013	-	-	-	2.3
	11/21/2013	-	-	-	2.9
	11/26/2013	-	-	230	-
	2/28/2014	-	-	-	4.1
Mitigation System B-3 (3819)	5/22/2013	-	-	-	4.5
	9/17/2013	-	-	-	3.2
	11/21/2013	-	-	-	4.8
	2/28/2014	-	-	-	2.4
Mitigation System B-4 (3823)	5/22/2013	-	-	-	2.9
	9/17/2013	-	-	-	8.8
	11/21/2013	-	-	-	2.6
	11/27/2013	-	-	330	-
	1/14/2014	-	-	5	-
	2/28/2014	-	-	-	3.0
Mitigation System B-5 (Apt 101)	5/22/2013	-	-	-	2.1
	9/17/2013	-	-	-	2.3
	11/21/2013				2.8
	11/22/2013	-	-	0	-
	11/25/2013	-	-	120	-
	11/26/2013	-	-	5	-
	11/27/2013	-	-	45	-
	12/2/2013	-	-	0	-
	12/4/2013	-	-	0	-
	12/9/2013	-	-	20	-
	12/19/2013	-	-	0	-
	12/27/2013	-	-	0	-
	1/14/2014	-	-	5	-
	1/27/2014	-	-	25	-
	2/4/2014	-	-	5	-
	2/12/2014	-	-	20	-
	2/28/2014	-	-	-	2.3
	3/6/2014	-	-	5	-
	3/28/2014	-	-	55	-
Mitigation System B-6 (Apt 602)	5/22/2013	-	-	-	2.2
	9/17/2013 (system off)	-	-	-	2.2
	11/21/2013	System Off; Quarterly Mitigation Sample Not Collected			
	11/22/2013 (system off)	-	-	0	-
	11/26/2013 (after system activated today)	-	-	220	-
	11/27/2013	-	-	5	-
	12/2/2013	-	-	0	-
	12/4/2013	-	-	0	-
	12/9/2013	-	-	10	-
	12/19/2013	-	-	10	-
	12/27/2013	-	-	15	-
	1/14/2014	-	-	10	-
	1/27/2014	-	-	40	-
	2/14/2014	-	-	15	-
	2/28/2014	-	-	-	2.2
	3/28/2014	-	-	0	-

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Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
Mitigation System B-7 (Apt 1001)	5/22/2013	-	-	-	2.3
	9/17/2013	-	-	-	2.3
	11/21/2013	-	-	-	2.2
	11/22/2013	-	-	0	-
	11/26/2013	-	-	0	-
	11/27/2013	-	-	340	-
	12/2/2013	-	-	0	-
	12/4/2013	-	-	0	-
	12/9/2013	-	-	0	-
	12/19/2013	-	-	0	-
	12/27/2013	-	-	0	-
	1/14/2014	-	-	0	-
	1/27/2014	-	-	0	-
	2/14/2014	-	-	0	-
	2/28/2014	-	-	-	2.2
	3/28/2014	-	-	85	-
Sewer (near MGW-08S/D)	11/5/2013	-	-	380	-
	11/22/2013	-	-	45	-
	11/25/2013	-	-	230	-
	12/3/2013	-	-	20	-
Indoor Air - Apt Building 1 Room 101	10/4/2013			-	2.8
	11/5/2013	-	-	5	-
	11/22/2013	-	-	300	-
	11/26/2013	-	-	0	-
Indoor Air - Apt Building 2 SW Basement Unit	11/5/2013	-	-	0	-
	11/26/2013	-	-	300	-
	12/5/2013	-	-	-	3.5
Indoor Air - Apt Building 6 Room 602	11/5/2013	-	-	5	-
	11/22/2013	-	-	230	-
	11/26/2013	-	-	5	-
Indoor Air - Apt Building 10 Room 1001	11/5/2013	-	-	0	-
	11/22/2013	-	-	310	-
	11/26/2013	-	-	260	-
MMW-P-02	12/3/2013	-	-	0	-
MMW-P-07	11/21/2013	0.0	-	-	-
MMW-P-08	11/21/2013	0.2	-	-	-
MMW-P-11S	8/29/2013	-	-	-	<1.7
MMW-P-11DR	8/29/2013	-	-	-	2.4
MMW-P-12S	8/29/2013	-	-	-	3.4
MMW-P-12D	8/29/2013	-	-	-	3.2
MMW-8S	11/21/2013	0.0	-	-	-
	11/25/2013	-	-	65	-
	12/3/2013	-	-	450	-
MMW-11S	8/29/2013	-	-	-	<1.8
	11/21/2013	0	-	-	-
	11/25/2013	-	-	110	-
MMW-11D	11/25/2013	-	-	95	-
MMW-12S	8/29/2013	-	-	-	29,100
	11/21/2013	0	-	-	-
	12/20/2013	-	-	0	-
MGW-1	10/7/2004	-	-	-	0.2
	4/15/2008	-	-	-	ND
	2/26/2009	-	-	-	ND
	3/4/2010	-	-	-	ND
	5/10/2011	-	-	-	0.36
	4/24/2012	-	-	-	ND
	5/22/2013	-	-	-	ND
	11/22/2013	Can't locate - buried under disturbed soil from recent construction work			
MGW-2	3/4/2010	-	-	-	ND
	5/10/2011	-	-	-	ND
	4/24/2012	-	-	-	ND
	5/22/2013	-	-	-	ND
	11/22/2013	-	-	45	-
MGW-3	10/7/2004	-	-	-	ND
	4/15/2008	-	-	-	ND
	2/26/2009	-	-	-	0.29
MGW-4	3/4/2010	-	-	-	ND

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		Before Purge	After Sample		
MGW-5	4/25/2003	-	-	-	0.43
	10/7/2004	-	-	-	0.60
	4/15/2008	-	-	-	ND
	2/26/2009	-	-	-	790
	3/4/2010	-	-	-	240
	7/23/2010	-	-	-	200
	5/10/2011	-	-	-	4
	4/24/2012	-	-	-	2.2
	5/22/2013	-	-	-	ND
MGW-6S	10/21/2013	-	-	-	192
	11/5/2013	-	-	130	-
	11/15/2013	0.0	-	-	-
	11/19/2013	0.04	-	-	-
	11/21/2013	0.00	0.0	-	<1.7
	11/22/2013	-		1,300	-
	11/25/2013 (pre SVE event from MMW-8S)	-	-	410	-
	11/25/2013 (post SVE event from MMW-8S)	-	-	500	-
	11/26/2013	-	-	620	-
	11/27/2013 (pre SVE event from MMW-12S)	-	-	850	-
	11/27/2013 (post SVE event from MMW-12S)	-	-	460	-
	12/2/2013	-	-	460	-
	12/4/2013	-	-	710	-
	12/5/2013	-	-	710	-
	12/9/2013	-	-	600	-
	12/10/2013	-	-	180	-
	12/12/2013	-	-	120	-
	12/16/2013	snow/ice covered, no reading			
	12/19/2013	-	-	130	-
	12/20/2013 (pre SVE event from SVE-1)	-	-	430	-
	12/20/2013 (post SVE event from SVE-1)	-	-	1,000	-
	12/23/2013	-	-	120	-
	12/27/2013	-	-	90	-
	12/31/2013	-	-	110	-
	1/14/2014	-	-	100	-
	1/15/2014 (End of SVE-1 Event)	-	-	100	-
	1/17/2014	-	-	0	-
	1/27/2014	frozen assembly, no reading			
	1/31/2014	-	-	95	-
	2/12/2014	vault encased in ice			
	2/19/2014	vault filled with water			
	2/27/2014	frozen assembly, no reading			
	3/6/2014	-	-	60	-
	3/11/2014	-	-	380	-
	3/14/2014	-	-	100	-
	3/20/2014	-0.01	-0.01	210 (before sample) 65 (after sample)	<1.7
	3/28/2014	-	-	30	-

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Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
MGW-6D	10/21/2013	-	-	-	500
	11/5/2013	-	-	45	-
	11/15/2013	0.0	-	-	-
	11/19/2013	0.04	-	-	-
	11/21/2013	0.00	-0.1	-	14.3
	11/22/2013	-	-	**30,500**	-
	11/25/2013 (pre SVE event from MMW-8S)	-	-	**11,750**	-
	11/25/2013 (post SVE event from MMW-8S)	-	-	**12,000**	-
	11/26/2013	-	-	**9,800**	-
	11/27/2013 (pre SVE event from MMW-12S)	-	-	**7,650**	-
	11/27/2013 (post SVE event from MMW-12S)	-	-	830	-
	12/2/2013	-	-	**5,750**	-
	12/4/2013	-	-	**6,450**	-
	12/5/2013	-	-	3,850	-
	12/9/2013	-	-	2,350	-
	12/10/2013	-	-	1,000	-
	12/12/2013	-	-	720	-
	12/16/2013	-	snow/ice covered, no reading		
	12/19/2013	-		frozen assembly, no reading	
	12/20/2013 (pre SVE event from SVE-1)	-	-	1,450	-
	12/20/2013 (post SVE event from SVE-1)	-	-	0	-
	12/23/2013	-	-	240	-
	12/27/2013	-	-	230	-
	12/31/2013	-	-	250	-
	1/14/2014	-	-	320	-
	1/15/2014 (End of SVE-1 Event)	-	-	470	-
	1/17/2014	-	-	170	-
	1/27/2014	frozen assembly, no reading			
	1/31/2014	frozen assembly, no reading			
	2/12/2014	vault encased in ice			
	2/19/2014	vault filled with water			
	2/27/2014	frozen assembly, no reading			
	3/6/2014	-	-	490	-
	3/11/2014	-	-	290	-
	3/14/2014	-	-	630	-
	3/20/2014	-0.01	0.00	510 (before sample) 45 (after sample)	3.0
	3/28/2014	-	-	110	-

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		Before Purge	After Sample		
MGW-7S	10/21/2013	-	-	-	3.0
	11/5/2013	-	-	160	-
	11/15/2013	5.7	-	-	-
	11/19/2013	0.06	-	-	-
	11/21/2013	0.02	-143.4	-	3.7
	11/22/2013	-	-	60	-
	11/25/2013 (pre SVE event from MMW-8S)	-	-	0	-
	11/25/2013 (post SVE event from MMW-8S)	-	-	-	-
	11/26/2013	-	-	990	-
	11/27/2013 (pre SVE event from MMW-12S)	-	-	1,800	-
	11/27/2013 (post SVE event from MMW-12S)	-	-	340	-
	12/2/2013	-	-	1,100	-
	12/5/2013	-	-	1,100	-
	12/9/2013	-	-	550	-
	12/12/2013	-	-	340	-
	12/16/2013	-	-	420	-
	12/19/2013	-	-	240	-
	12/23/2013	-	-	150	-
	12/27/2013	-	-	160	-
	12/31/2013	-	-	150	-
	1/14/2014	-	-	95	-
	1/17/2014	-	-	45	-
	1/31/2014	-	-	300	-
	2/12/2014	-	-	270	-
	2/19/2014	-	-	210	-
	2/27/2014	-	-	1,750	-
	3/6/2014	-	-	370	-
	3/11/2014	-	-	610	-
	3/14/2014	-	-	380	-
	3/20/2014	0.00	< -55.4	650 (before sample) 650 (after sample)	NA
	3/28/2014	-	-	500	-

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Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
MGW-7D	10/21/2013	-	-	-	<2.1
	11/5/2013	-	-	100	-
	11/15/2013	0.0	-	-	-
	11/19/2013	1.10	-	-	-
	11/21/2013	-0.03	0.0	-	<1.7
	11/22/2013	-	-	2,000	-
	11/25/2013 (pre SVE event from MMW-8S)	-	-	2,600	-
	11/25/2013 (post SVE event from MMW-8S)	-	-	-	-
	11/26/2013	-	-	1,850	-
	11/27/2013 (pre SVE event from MMW-12S)	-	-	900	-
	11/27/2013 (post SVE event from MMW-12S)	-	-	660	-
	12/2/2013	-	-	2,000	-
	12/5/2013	-	-	2,000	-
	12/9/2013	-	-	840	-
	12/12/2013	-	-	560	-
	12/16/2013	-	-	710	-
	12/19/2013	-	-	360	-
	12/23/2013	-	-	110	-
	12/27/2013	-	-	150	-
	12/31/2013	-	-	150	-
	1/14/2014	-	-	140	-
	1/15/2014 (End of SVE Event)	-	-	190	-
	1/17/2014	-	-	180	-
	1/31/2014	-	-	220	-
	2/12/2014	-	-	140	-
	2/19/2014	-	-	120	-
	2/27/2014	-	-	1,650	-
	3/6/2014	-	-	100	-
	3/11/2014	-	-	520	-
	3/14/2014	-	-	190	-
	3/20/2014	0.01	0.00	260 (before sample) 190 (after sample)	3.5
	3/28/2014	-	-	5	-

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Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
MGW-8S	10/21/2013	-	-	-	24.8
	11/5/2013	-	-	75	-
	11/15/2013	1.5	-	-	-
	11/19/2013	0.0	-	-	-
	11/21/2013	0.0	-16.7	-	384
	11/22/2013	-	-	1,150	-
	11/25/2013 (pre SVE event from MMW-8S)	-	-	65	-
	11/25/2013 (post SVE event from MMW-8S)	-	-	1,600	-
	11/26/2013	-	-	2,850	-
	11/27/2013	-	-	2,800	-
	11/27/2013	-	-	1,900	-
	12/2/2013	-	-	3,050	-
	12/3/2013 (pre SVE event)	-	-	1,850	-
	12/3/2013 (End of SVE event)	-	-	270	-
	12/4/2013	-	-	2,150	-
	12/5/2013	-	-	2,000	-
	12/9/2013	-	-	730	-
	12/10/2013	-	-	1,050	-
	12/12/2013	-	-	680	-
	12/16/2013 (pre-SVE event from MMW-8S)	-	-	510	-
	12/16/2013 (End of SVE event)	-	-	860	-
	12/19/2013	-	-	780	-
	12/23/2013	-	-	240	-
	12/27/2013	-	-	240	-
	12/31/2013	-	-	430	-
	1/14/2014	-	-	650	-
	1/17/2014	-	-	5	-
	1/20/2014	-	-	0	-
	1/22/2014 (pre SVE event)	-	-	110	-
	1/22/2014 (post SVE event)	-	-	110	-
	1/27/2014	-	-	230	-
	1/31/2014	-	-	240	-
	2/4/2014	-	-	85	-
	2/12/2014	-	-	2,800	-
	2/14/2014	-	-	810	-
	2/19/2014	vault filled with water			
	2/27/2014	-	-	2000	-
	3/6/2014	-	-	360	-
	3/11/2014	-	-	790	-
	3/14/2014	-	-	850	-
	3/20/2014	-0.35	-0.30	480 (before sample) 250 (after sample)	<1.9
	3/28/2014	-	-	470	-

Table 7
Cumulative Methane Field Measurement and Laboratory Analytical Results
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
MGW-8D	10/21/2013	-	-	-	**16,600**
	11/5/2013	-	-	**17,000**	-
	11/15/2013	0.0	-	-	-
	11/19/2013	0.15	-	-	-
	11/21/2013	0.00	0.0	-	**37,400**
	11/22/2013	-	-	**>50,000**	-
	11/25/2013 (pre SVE event from MMW-8S)	-	-	**>50,000**	-
	11/25/2013 (post SVE event from MMW-8S)	-	-	75	-
	11/26/2013	-	-	1,500	-
	11/27/2013	-	-	2,150	-
	11/27/2013	-	-	1,250	-
	12/2/2013	-	-	**17,250**	-
	12/3/2013 (pre SVE event)	-	-	**18,500**	-
	12/3/2013 (End of SVE event)	-	-	160	-
	12/4/2013	-	-	520	-
	12/5/2013	-	-	550	-
	12/9/2013	-	-	260	-
	12/10/2013	-	-	440	-
	12/12/2013	-	-	310	-
	12/16/2013 (pre-SVE event from MMW-8S)	-	-	660	-
	12/16/2013 (End of SVE event)	-	-	680	-
	12/19/2013	-	-	310	-
	12/23/2013	-	-	70	-
	12/27/2013	-	-	180	-
	12/31/2013	-	-	1,700	-
	1/14/2014	-	-	3,700	-
	1/17/2014	-	-	**11,200**	-
	1/20/2014	-	-	**11,250**	-
	1/22/2014 (pre SVE event)	-	-	**13,000**	-
	1/22/2014 (post SVE event)	-	-	0	-
	1/27/2014	-	-	75	-
	1/31/2014	-	-	240	-
	2/4/2014	-	-	120	-
	2/12/2014	-	-	**Initial: 7,500** **After venting 10 minutes: 7,500**	-
	2/14/2014	-	-	**Initial: 6,450** **After venting 12 minutes: 1,950**	
	2/19/2014	vault filled with water			
	2/27/2014	-	-	**>50,000**	
	2/28/2014	-	-	Initial: 46,500 After venting 3 minutes: 2,550	-
	3/6/2014	-	-	**Initial: 39,500** **After venting 10 minutes: 43,000**	-
	3/11/2014	-	-	4,550	-
	3/14/2014	-	-	3,750	-
	3/20/2014	0.00	0.00	4,350 (before sample) 2,900 (after sample)	**26200**
	3/28/2014	-	-	2,700	-

Table 7
Cumulative Methane Field Measurement and Laboratory Analytical Results
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
MGW-9S	10/21/2013	-	-	-	25.1
	11/5/2013	-	-	45	-
	11/15/2013	0.0	-	-	-
	11/19/2013	0.0	-	-	-
	11/21/2013	0.0	-	-	53.5
	11/22/2013	-	-	**6,500**	-
	11/26/2013	-	-	3,600	-
	11/27/2013	-	-	2,800	-
	12/2/2013	-	-	2,250	-
	12/5/2013	-	-	2,150	-
	12/9/2013	-	-	810	-
	12/10/2013	-	-	720	-
	12/12/2013	-	-	350	-
	12/16/2013	-	-	870	-
	12/19/2013	-	-	670	-
	12/23/2013	-	-	170	-
	12/27/2013	Inlet filled with water - cant remove all water completely to prevent pulling water into meter			
	12/31/2013	-	-	180	-
	1/14/2014	Inlet filled with water - cant remove all water completely to prevent pulling water into meter			
	1/17/2014	Inlet filled with water - cant remove all water completely to prevent pulling water into meter			
	1/27/2014	Area covered in ice, can't locate			
	1/31/2014	Well vault encased in ice			
	2/12/2014	Well vault encased in ice			
	2/12/2014	Well vault encased in ice, and otherwise filled with water			
	2/27/2014	frozen assembly, no reading			
	3/6/2014	-	-	120	-
	3/11/2014	-	-	20	-
	3/14/2014	-	-	25	-
	3/20/2014	0.00	0.00	0 (before sample) 0 (after sample)	10.7
	3/28/2014	-	-	0	-
MGW-9D	10/21/2013	-	-	-	27.9
	11/5/2013	-	-	90	-
	11/15/2013	0.0	-	-	-
	11/19/2013	0.0	-	-	-
	11/21/2013	0.0	-	-	42.9
	11/22/2013	-	-	4,200	-
	11/26/2013	-	-	3,100	-
	11/27/2013	-	-	2,200	-
	12/2/2013	-	-	2,900	-
	12/5/2013	-	-	2,300	-
	12/9/2013	-	-	1,100	-
	12/10/2013	-	-	1,000	-
	12/12/2013	-	-	1,400	-
	12/16/2013	-	-	1,450	-
	12/19/2013	-	-	1,000	-
	12/23/2013	-	-	130	-
	12/27/2013	-	-	230	-
	12/31/2013	-	-	300	-
	1/14/2014	Inlet filled with water - cant remove all water completely to prevent pulling water into meter			
	1/17/2014	Inlet filled with water - cant remove all water completely to prevent pulling water into meter			
	1/27/2014	Area covered in ice, can't locate			
	1/31/2014	Well vault encased in ice			
	2/12/2014	Well vault encased in ice			
	2/19/2014	Well vault encased in ice, and otherwise filled with water			
	2/27/2014	frozen assembly, no reading			
	3/6/2014	-	-	350	-
	3/11/2014	-	-	95	-
	3/14/2014	-	-	0	-
	3/20/2014	0.00	0.00	5 (before sample) 0 (after sample)	13.6
	3/28/2014	-	-	100	-

Table 7
Cumulative Methane Field Measurement and Laboratory Analytical Results
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
MGW-10S	10/21/2013	-	-	-	<2.1
	11/5/2013	-	-	20	-
	11/15/2013	0.0	-	-	-
	11/19/2013	-0.02	-	-	-
	11/21/2013	0.00	0.0	-	<2.0
	11/22/2013	-	-	280	-
	11/26/2013	-	-	2,950	-
	11/27/2013	-	-	1,800	-
	12/2/2013	-	-	2,000	-
	12/5/2013	-	-	2,050	-
	12/9/2013	-	-	830	-
	12/12/2013	-	-	520	-
	12/19/2013	-	-	330	-
	12/23/2013	Inlet filled with water - cant remove all water completely to prevent pulling water into meter			
	12/27/2013	-	-	10	-
	12/31/2013	-	-	150	-
	1/14/2014	-	-	65	-
	1/17/2014	-	-	25	-
	1/27/2014	-	-	120	-
	1/31/2014	-	-	75	-
	2/12/2014	-	-	250	-
	2/19/2014	-	-	140	-
	2/27/2014	-	-	320	-
	3/6/2014	-	-	280	-
	3/11/2014	-	-	360	-
	3/14/2014	-	-	140	-
	3/20/2014	0.00	0.00	90 (before sample) 200 (after sample)	<1.7
	3/28/2014	-	-	25	-
MGW-10D	10/21/2013	-	-	-	5.3
	11/5/2013	-	-	0	-
	11/15/2013	0.0	-	-	-
	11/19/2013	-0.02	-	-	-
	11/21/2013	0.00	0.0	-	<1.3
	11/22/2013	-	-	2,100	-
	11/26/2013	-	-	1,950	-
	11/27/2013	-	-	1,600	-
	12/2/2013	-	-	2,300	-
	12/5/2013	-	-	1,850	-
	12/9/2013	-	-	850	-
	12/12/2013	-	-	550	-
	12/19/2013	-	-	650	-
	12/23/2013	-	-	150	-
	12/27/2013	-	-	60	-
	12/31/2013	-	-	220	-
	1/14/2014	-	-	40	-
	1/17/2014	-	-	40	-
	1/27/2014	-	-	180	-
	1/31/2014	-	-	95	-
	2/12/2014	vault encased in ice			
	2/19/2014	vault encased in ice			
	2/27/2014	-	-	270	-
	3/6/2014	-	-	340	-
	3/11/2014	-	-	540	-
	3/14/2014	-	-	250	-
	3/20/2014	0.00	0.00	120 (before sample) 200 (after sample)	<1.7
	3/28/2014	-	-	75	-

Table 7
Cumulative Methane Field Measurement and Laboratory Analytical Results
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
MGW-11S	10/21/2013	-	-	-	-
	11/5/2013	-	-	15	-
	11/15/2013	0.0	-	-	-
	11/19/2013	0.0	-	-	-
	11/21/2013	0.0	0.0	-	4.1
	11/22/2013	-	-	**5,350**	-
	11/26/2013	-	-	3,250	-
	11/27/2013 (pre SVE event from MMW-P-11S)	-	-	1,750	-
	11/27/2013 (post SVE event from MMW-P-11S)	-	-	570	-
	12/2/2013	-	-	1,500	-
	12/3/2013 (pre SVE event)	-	-	1,100	-
	12/3/2013 (End of SVE event)	-	-	160	-
	12/4/2013	-	-	1,350	-
	12/5/2013	-	-	1,600	-
	12/9/2013	-	-	1,100	-
	12/10/2013	-	-	1,000	-
	12/12/2013	-	-	770	-
	12/16/2013	-	-	720	-
	12/19/2013	-	-	530	-
	12/23/2013	-	-	330	-
	12/27/2013	-	-	190	-
	12/31/2013	-	-	240	-
	1/14/2014	-	-	170	-
	1/17/2014	-	-	130	-
	1/27/2014	-	-	520	-
	1/31/2014	-	-	260	-
	2/12/2014	-	-	310	-
	2/19/2014	-	-	310	-
	2/27/2014	-	-	250	-
	3/6/2014	-	-	290	-
	3/11/2014	-	-	350	-
	3/14/2014	-	-	1,500	-
	3/20/2014	0.00	0.00	0 (before sample) 130 (after sample)	<1.6
	3/28/2014	-	-	70	-

Table 7
Cumulative Methane Field Measurement and Laboratory Analytical Results
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
MGW-11D	10/21/2013	-	-	-	<1.8
	11/5/2013	-	-	15	-
	11/15/2013	0.0	-	-	-
	11/19/2013	0.0	-	-	-
	11/21/2013	0.0	0.0	-	<1.7
	11/22/2013	-	-	**9,350**	-
	11/26/2013	-	-	**13,000**	-
	11/27/2013 (pre SVE event from MMW-P-11S)	-	-	**8,300**	-
	11/27/2013 (post SVE event from MMW-P-11S)	-	-	**7,500**	-
	12/2/2013	-	-	**8,000**	-
	12/3/2013 (pre SVE event)	-	-	**7,150**	-
	12/3/2013 (End of SVE event)	-	-	0	-
	12/4/2013	-	-	2,850	-
	12/5/2013	-	-	2,800	-
	12/9/2013	-	-	1,850	-
	12/10/2013	-	-	1,850	-
	12/12/2013	-	-	1,350	-
	12/16/2013	-	-	1,400	-
	12/19/2013	-	-	1,400	-
	12/23/2013	-	-	560	-
	12/27/2013	-	-	450	-
	12/31/2013	-	-	520	-
	1/14/2014	-	-	450	-
	1/17/2014	-	-	330	-
	1/27/2014	-	-	850	-
	1/31/2014	-	-	810	-
	2/12/2014	-	-	840	-
	2/19/2014	-	-	890	-
	2/27/2014	-	-	930	-
	3/6/2014	-	-	810	-
	3/11/2014	-	-	1,850	-
	3/14/2014	-	-	0	-
	3/20/2014	0.00	0.00	430 (before sample) 160 (after sample)	<1.7
	3/28/2014	-	-	250	-

Table 7
Cumulative Methane Field Measurement and Laboratory Analytical Results
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
SVE-01 (Vicinity of MGW-6S/6D)	12/19/2013	-	-	**>50,000**	-
	12/20/2013 (pre SVE event)	-	-	**>50,000**	-
	12/20/2013 (End of SVE event on well)	-	-	3,600	-
	12/23/2013	-	-	2,200	-
	12/27/2013	-	-	110	-
	1/14/2014	-	-	**>50,000**	-
	1/15/2014 (End of SVE-1 Event)	-	-	830	-
	1/17/2014	-	-	35	-
	1/22/2014 (pre SVE event)	-	-	**14,000**	-
	1/22/2014 (post SVE event)	-	-	NA- Equipment malfunction	-
	1/27/2014	-	-	210	-
	1/31/2014	-	-	2,200	-
	2/4/2014	-	-	**Initial: >50,000** **After venting 8 minutes: 25,000**	-
	2/6/2014	-	-	Initial: 12,500 After venting 30 minutes: 400	-
	2/12/2014	-	-	**Initial: >50,000** **After venting 50 minutes: 19,750**	-
	2/14/2014	-	-	Initial: 15,000 After venting 27 minutes: 900	-
	2/19/2014	-	-	**Initial: >50,000** **After approximately 1 hour: 5,500**	-
	2/27/2014	-	-	Initial: 46,750 After venting 30 minutes: 2,700	-
	3/6/2014	-	-	**Initial: >50,000** **After venting 60 minutes: 16,500**	-
	3/11/2014	-	-	**Initial: >50,000** **After venting 60 minutes: >50,000**	-
	3/14/2014	-	-	**Initial: >50,000** **After venting 30 minutes: >50,000**	-
	3/20/2014	-	-	400	-
	3/28/2014	-	-	160	-
SVE-02 (Vicinity of MGW-8S/8D)	1/14/2014	Inaccessible - Covered by large snow pile			
	1/17/2014	Inaccessible - Covered by large snow pile			
	1/20/2014	-	-	5	-
	1/22/2014 (pre SVE event)	-	-	290	-
	1/22/2014 (post SVE event)	-	-	880	-
	1/27/2014	-	-	90	-
	1/31/2014	-	-	110	-
	2/12/2014	Inaccessible - Covered by large snow/ice pile			
	2/19/2014	-	-	75	-
	2/27/2014	-	-	1700	-
	3/6/2014	-	-	75	-
	3/11/2014	-	-	70	-
	3/14/2014	-	-	1,400	-
	3/20/2014	-	-	75	-
	3/28/2014	-	-	25	-
SVE-03 (Vicinity of MGW-9S/9D)	1/14/2014	-	-	65	-
	1/17/2014	Inaccessible - Covered by snow pile			
	1/27/2014	Area covered in ice, can't locate			
	1/31/2014	-	-	55	-
	2/12/2014	Inaccessible - Covered by thick ice sheet			
	2/19/2014	Well vault encased in ice, and otherwise filled with water			
	2/27/2014	Well vault encased in ice, and otherwise filled with water			
	3/6/2014	Well vault encased in ice			
	3/11/2014	Well vault encased in ice			
	3/14/2014	Well vault encased in ice			
	3/20/2014	-	-	0	-
	3/28/2014	-	-	70	-

Table 7
Cumulative Methane Field Measurement and Laboratory Analytical Results
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No. M01046

Well ID	Sample Date	Pressure Reading (inH_20)		Methane Concentration Field Screening (ppm)	Methane Concentration Analytical Results (ppmv)
		Before Purge	After Sample		
SVE-04 (Vicinity of MGW-11S/11D)	1/14/2014	Inaccessible - Vehicle parked over well			
	1/17/2014	-	-	60	-
	1/27/2014	Inaccessible - Covered by snow/ice pile			
	1/31/2014	-	-	85	-
	2/12/2014	Inaccessible - Vehicle parked over well			
	2/19/2014	Well vault encased in ice, and otherwise filled with water			
	2/27/2014	Inaccessible - Vehicle parked over well			
	3/11/2014	Well vault encased in ice			
	3/14/2014	Inaccessible - Vehicle parked over well			
	3/20/2014	-	-	0	-
	3/28/2014	-	-	0	-

Notes:
Field screening data could not be obtained for 11/21/2013 sampling due to malfunctioning screening equipment. A replacement device was obtained on 11/22/13 and wells were screened subsequent to sampling event.
Field Screening postponed week of 1/6/14 due to heavy snow accumulation and subzero work conditions, and associated limitations to well access.

Screening or analytical data > 10% LEL (5,000 ppm) highlighted in **bold red font**. The 10% LEL threshold was recommended by IDEM in November 26, 2013 conversation to represent appropriate action level that warranted mitigative steps be taken.
ND = Non-detect

TABLE 8

CUMULATIVE AIR SAMPLING ANALYTICAL RESULTS - TO-3 AND TO-15 SIM ANALYSIS
Maple Creek Village Apartments and Michigan Plaza Soil Gas Monitoring Wells
Indianapolis, Indiana
MUNDELL Project No. M01046

Sample ID	Sample Date	Tetrachloroethene (PCE)			Trichloroethene (TCE)			cis-1,2-Dichloroethene (cis-1,2-DCE)			Vinyl Chloride (VC)			Methane
		ppb	ug/m^3	mg/m^3	ppb	ug/m^3	mg/m^3	ppb	ug/m^3	mg/m^3	ppb	ug/m^3	mg/m^3	ppmv
2002 EPA[1]			**8,100**			**220**			**3,500**			**280**		
2010 IDEM - Commercial [2]			**5,100**			**20,000**			-			**15,000**		
2010 IDEM - Residential [2]			**3,600**			**2,000**			-			**3,500**		
2012 IDEM RCG - Commercial [3]			210			88.0			-			280		
2012 IDEM RCG - Residential [3]			41.0			21.0			-			16.0		
10% LEL														**5,000**
LEL														**50,000**
MGW-1	10/7/2004	0.26	1.8	0.0018	0.079	0.42	0.0004	ND	ND	ND	0.2	0.51	0.0005	0.2
	4/15/2008	0.08	0.55	0.0006	0.06	0.29	0.0003	ND	ND	ND	ND	ND	ND	ND
	2/26/2009	4.8	32	0.032	1.3	6.8	0.0068	0.2	0.8	0.0008	ND	ND	ND	ND
	3/4/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/10/2011	0.4	3	0.003	ND	ND	ND	0.2	0.8	0.0008	0.36	0.91	0.00091	0.36
	4/24/2012	0.094	0.64	0.00064	ND	<0.27	<0.00027	ND	<0.20	<0.00020	ND	<0.13	<0.00013	ND
	5/22/2013	0.24	1.70	0.00170	0.17	0.94	0.00094	ND	<0.20	<0.00020	ND	<0.13	<0.00013	ND
MGW-2	3/4/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/10/2011	0.15	1	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/24/2012	0.098	0.66	0.00066	ND	<0.27	<0.00027	0.09	0.36	0.00036	ND	<0.13	<0.00013	ND
	5/22/2013	0.077	0.52	0.00052	ND	<0.27	<0.00027	ND	<0.20	<0.00020	ND	<0.13	<0.00013	ND
MGW-3	10/7/2004	0.31	2.1	0	0.068	0.37	0.0004	ND	ND	ND	ND	ND	ND	ND
	4/15/2008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/26/2009	40	270	0.27	7.4	40	0.04	1.1	4.4	0.0044	0.29	0.73	0.0007	0.29
MGW-4	3/4/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MGW-5	4/25/2003	18	120	0.12	297	**1,600**	1.6	479	1,900	1.9	0.43	1.10	0.0011	0.43
	10/7/2004	200	1,400	1.4	730	**3,900**	3.9	730	2,900	2.9	0.60	1.50	0.0015	0.60
	4/15/2008	680	4,600	4.6	660	**3,600**	3.6	230	910	0.91	ND	ND	ND	ND
	2/26/2009	2,100	**14,000**	14	1,100	**5,800**	5.8	330	1,300	1.3	790	**2,000**	2.0	790
	3/4/2010	3,800	**26,000**	26	1,500	**8,100**	8.1	2,900	**12,000**	12	240	**610**	0.61	240
	7/23/2010	8,100	**55,000**	55	5,000	**27,000**	27	12,000	**49,000**	49	200	**500**	0.5	200
	5/10/2011	3,200	**22,000**	22	1,000	**5,500**	5.5	5,200	**21,000**	21	4	11	0.011	4
	4/24/2012	2,600	**18,000**	18	970	**5,200**	5.2	2,900	**11,000**	11	2.2	5.6	0.0056	2.2
	5/22/2013	1,600	**11,000**	11	1,300	**7,200**	7.2	900	**3,600**	36	ND	<0.13	<0.00013	ND
	5/22/2013[4]	2,700	**18,000**	18	1,100	**5,700**	5.7	2,500	**9,700**	97	ND	<3.8	<0.0038	ND
MGW-6S	10/21/2013		2.0	0.0020		<0.92	<0.00092		<1.4	<0.0014		<0.44	<0.00044	192
	11/21/2013		1.3	0.0013		<0.92	<0.00092		<1.4	<0.0014		<0.44	<0.00044	<1.7
	3/20/2014		2.1	0.0021		<0.92	<0.00092		<1.4	<0.0014		<0.44	<0.00044	<1.7
MGW-6D	10/21/2013		1.9	0.0019		<0.89	<0.00089		<1.3	<0.0013		<0.42	<0.00042	500
	11/21/2013		17.7	0.0177		<0.92	<0.00092		<1.4	<0.0014		<0.44	<0.00044	14.3
	3/20/2014		10.5	0.0105		<0.96	<0.00096		<1.4	<0.0014		<0.46	<0.00044	3.0
MGW-7S	10/21/2013		137	0.137		2.2	0.0		<1.4	<0.0014		<0.46	<0.00046	3.0
	11/21/2013		654	0.654		11.9	0.0		<1.7	<0.0017		<0.55	<0.00055	3.7
MGW-7D	10/21/2013		**57,900**	57.9		**3,000**	3.0		106	0.106		<0.55	<0.00055	<2.1
	11/21/2013		**42,700**	42.7		**1,720**	1.72		66	0.066		<0.44	<0.00044	<1.7
	3/20/2014		**303,000**	303		**9,830**	9.83		**13,000**	13		**<375**	<0.375	3.5
MGW-8S	10/21/2013		**20,900**	20.9		**650**	0.65		60.2	0.0602		14.4	0.0144	24.8
	11/21/2013		**7,610**	7.61		**1,630**	1.63		<1.7	<0.0017		**488**	0.488	384
	3/20/2014		759	0.759		**244**	0.244		150	0.15		79.5	0.080	<1.9
MGW-8D	10/21/2013		**62,600**	62.6		**42,500**	42.5		**5,510**	5.51		**26,600**	26.6	**16,600**
	11/21/2013		**14,400**	14.4		**12,100**	12.1		<1.4	<0.0014		**34,700**	34.7	**37,400**
	3/20/2014		**151,000**	151		**54,400**	54.4		**4,570**	4.57		**58,100**	58.1	**26,200**
MGW-9S	10/21/2013		**182,000**	182		**671**	0.671		34.8	0.0348		<10.5	<0.0105	25.1
	11/21/2013		**44,000**	44.0		**397**	0.397		<1.2	<0.0012		<0.37	<0.00037	53.5
	3/20/2014		**144,000**	144		**<825**	<0.825		<1,220	<1.22		**<390**	<0.390	10.7
MGW-9D	10/21/2013		**314,000**	314		**872**	0.872		333	0.333		<8.4	<0.0084	27.9
	11/21/2013		**39,700**	39.7		**505**	0.505		<1.5	<0.0015		<0.44	<0.00044	42.9
	3/20/2014		**1,300,000**	1,300		**3,430**	3.43		<1,810	<1.81		**<582**	<0.582	13.6
MGW-10S	10/21/2013		**63,600**	63.6		**230**	0.23		94.9	0.0949		<11.0	<0.011	<2.1
	11/21/2013		<1770	<1.77		**<1,420**	<1.42		<2,080	<2.08		**<669**	<.669	<2.0
	3/20/2014		**11,900**	11.9		<73.9	<0.0739		<109	<0.109		<34.9	<0.0349	<1.7
MGW-10D	10/21/2013		**74,700**	74.7		**301**	0.301		95	0.095		<8.7	<0.0087	5.3
	11/21/2013		**5,100**	5.1		16.7	0.0167		<1.1	<0.0011		<0.35	<0.00035	<1.3
	3/20/2014		3,640	<0.364		<73.9	<0.0739		<109	<0.109		<34.9	<0.0349	<1.7
MGW-11S	10/21/2013		**22,100**	22.1		**8,010**	8.01		375	0.375		79.6	0.0796	<1.8
	11/21/2013		45.6	0.0456		2.6	0.0026		<1.1	<0.0011		<0.35	<0.00035	4.1
	3/20/2014		444	<0.444		<17.7	<0.0177		<26.1	<0.0261		<8.4	<0.0084	<1.6
MGW-11D	10/21/2013		**6,990**	6.99		100	0.1		<29.6	<0.0296		<9.5	<0.0095	<1.8
	11/21/2013		**17,600**	17.6		<0.92	<0.00092		<1.4	<0.0014		<0.44	<0.00044	<1.7
	3/20/2014		2,030	2.03		<73.9	<0.0739		<109	<0.109		<34.9	<0.0349	<1.7

Notes: The analytical results from the Gas Well (MGW) samples are not indicative of 'breathing zone' air quality, and comparison to published regulatory standards established for the breathing zone are included here for informational purposes only.

Results shown in bold **RED** exceed the draft U.S. EPA indoor air guidance; results with bold **BLACK** and light blue shading exceed 2010 IDEM Draft Vapor Intrusion Pilot Program Guidance residential (or commerical for MGW-05) screening levels; results with **green outline** exceed 2012 IDEM Remediation Closure Guide residential (or commercial for MGW-05) screening levels. A 0.1 attenuation factor was utilized (shallow soil gas) to compare results to most appropriate (and conservative) screening level.

1 = EPA Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils, November 2002.
2 = February 4, 2010 IDEM Draft Vapor Intrusion Pilot Program Guidance Supplement.
3 = IDEM Remediation Closure Guide, March 22, 2012, Section 10.4 (deep soil gas - exterior; 0.01 attenuation factor) and Table A-6.
4 = Results are for the diluted sample analysis

Table 9
Cumulative Air Sampling Analytical Results - SVE System Active Venting
(AM20GAX and AM4.02 Vapors Analysis)
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, Indiana
MUNDELL Project No.: M01046

	Sample Date	Methane	PCE		TCE		cis-1,2-DCE		Vinyl chloride	
		ppmv	ug/m^3	ppmv	ug/m^3	ppmv	ug/m^3	ppmv	ug/m^3	ppmv
2002 EPA [1]		-	81		2		35		28	
2010 IDEM - 30-year - Residential [2]		-	3.2		1.2		37		2.2	
2012 IDEM RCG - Residential [3]		-	4.1		2.1		-		1.6	
10% LEL		5,000								
LEL		50,000								
Sample ID	**Sample Date**	**ppmv**	**ug/m3**	**ppmv**	**ug/m3**	**ppmv**	**ug/m3**	**ppmv**	**ug/m3**	**ppmv**
MMW-8S SVE IN*	12/3/2013	930	NA		NA		NA		NA	
MMW-P-02 SVE IN*	12/3/2013	16	NA		NA		NA		NA	
MMW-12S SVE IN*	12/3/2013	5,300	NA		NA		NA		NA	
SVE-1 Exhaust	1/15/2014	1,000	19.71 J	0.0029 J	<53.85	<0.010	<79.46	<0.020	2,561	<1.0
SVE-2 Exhaust	1/22/2014	310	115,532	17	4,308	0.8	14,700	3.7	1,613	0.63 J

NA = Not analyzed
*Note that the samples from December 2013 are labeled with groundwater monitoring well names because the permanent SVE wells had not yet been installed.

FIGURES

Figure 1. Site Plan

Figure 2A. Shallow Upper Aquifer Potentiometric Surface Map – February 24, 2014 (Excludes Suspect Water Level Data)

Figure 2B. Shallow Upper Aquifer Potentiometric Surface Map – February 24, 2014 (Includes Suspect Water Level Data)

Figure 3A. Deep Upper Aquifer Potentiometric Surface Map – February 24, 2014 (Excludes Suspect Water Level Data)

Figure 3B. Deep Upper Aquifer Potentiometric Surface Map – February 24, 2014 (Includes Suspect Water Level Data)

Figure 4A. Lower Aquifer Potentiometric Surface Map – February 24, 2014 (Excludes Suspect Water Level Data)

Figure 4B. Lower Aquifer Potentiometric Surface Map – February 24, 2014 (Includes Suspect Water Level Data)

Figure 5. Soil Gas Monitoring Well and Soil Vapor Extraction Well Locations

Figure 6A. Groundwater Analytical Results – Shallow Upper Aquifer (First Quarter 2014) with 2012 RCG VI-GWSL Industrial Exceedance Contours

Figure 6B. Groundwater Analytical Results – Shallow Upper Aquifer (First Quarter 2014) with 2012 RCG VI-GWSL Residential Exceedance Contours

Figure 7A. Groundwater Analytical Results – Deep Upper Aquifer (First Quarter 2014) with 2012 RCG VI-GWSL Industrial Exceedance Contours

Figure 7B. Groundwater Analytical Results – Deep Upper Aquifer (First Quarter 2014) with 2012 RCG VI-GWSL Residential Exceedance Contours

Figure 8. Groundwater Analytical Results – Lower Aquifer (First Quarter 2014) with 2012 RCG VI-GWSL Residential Exceedance Contours

Figure 9. Dissolved Methane – Shallow Upper Aquifer Groundwater First Quarter 2014

Figure 10. Dissolved Methane – Deep Upper Aquifer Groundwater First Quarter 2014

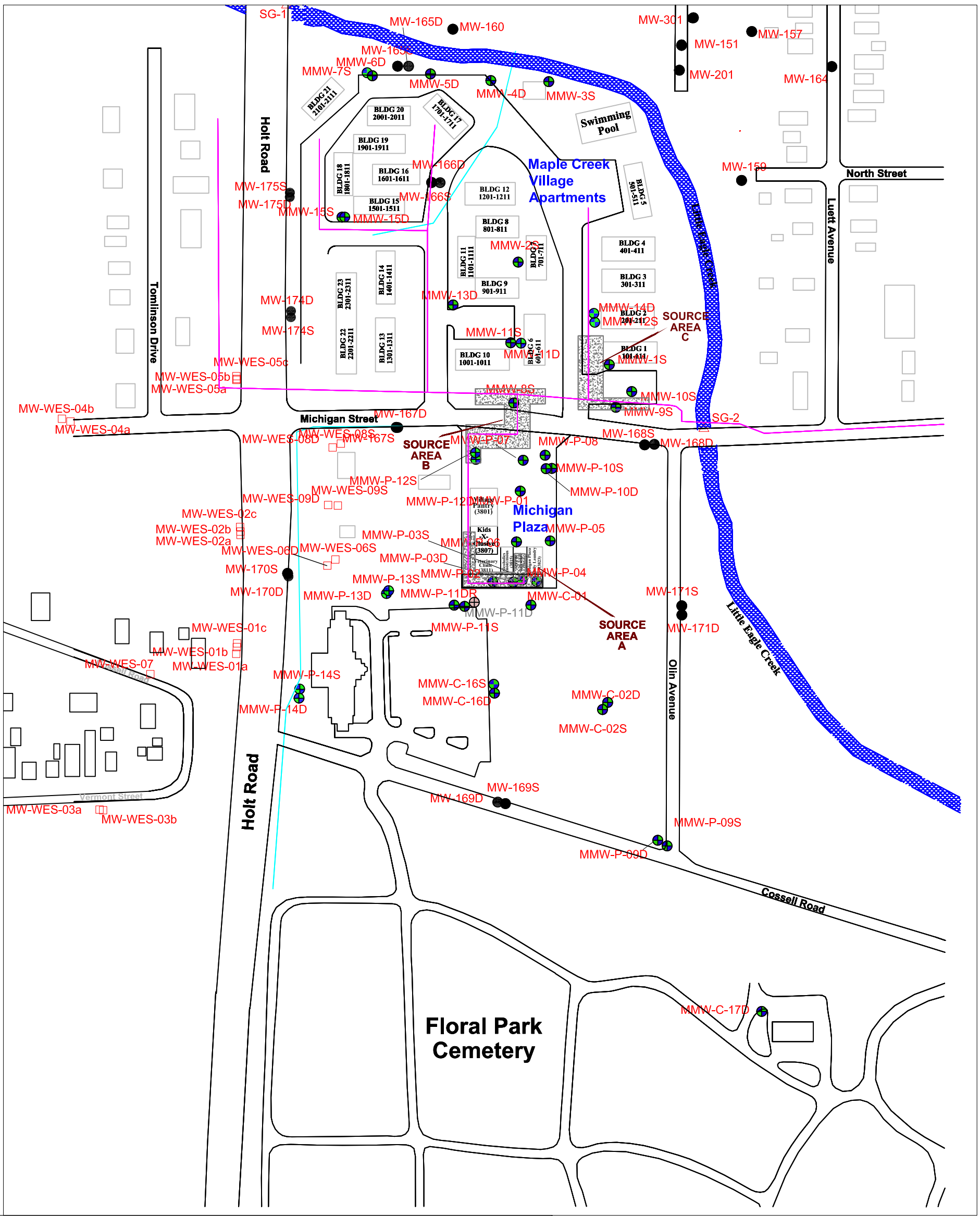
Figure 11. Dissolved Methane – Lower Aquifer Groundwater First Quarter 2014

Figure 12. Indicator Compound Trends in Groundwater

Figure 13. Parent and Daughter Products Distribution in Groundwater

Figure 14. Vapor Mitigation System Locations

Figure 15. PCE Concentration Trends & Cumulative Pounds Removed (B1)
Figure 16. PCE Concentration Trends & Cumulative Pounds Removed (B2)
Figure 17. PCE Concentration Trends & Cumulative Pounds Removed (B3)
Figure 18. PCE Concentration Trends & Cumulative Pounds Removed (B4)
Figure 19. PCE Concentration Trends & Cumulative Pounds Removed (B5)
Figure 20. PCE Concentration Trends & Cumulative Pounds Removed (B6)
Figure 21. PCE Concentration Trends & Cumulative Pounds Removed (B7)
Figure 22. PCE Concentration Trends & Cumulative Pounds Removed (B1 through B4)
Figure 23. PCE Concentration Trends & Cumulative Pounds Removed (B5 through B7)
Figure 24. Vinyl Chloride Concentration Trends & Cumulative Pounds Removed (B1)
Figure 25. Vinyl Chloride Concentration Trends & Cumulative Pounds Removed (B2)
Figure 26. Vinyl Chloride Concentration Trends & Cumulative Pounds Removed (B3)
Figure 27. Vinyl Chloride Concentration Trends & Cumulative Pounds Removed (B4)
Figure 28. Vinyl Chloride Concentration Trends & Cumulative Pounds Removed (B5)
Figure 29. Vinyl Chloride Concentration Trends & Cumulative Pounds Removed (B6)
Figure 30. Vinyl Chloride Concentration Trends & Cumulative Pounds Removed (B7)
Figure 31. Vinyl Chloride Concentration Trends & Cumulative Pounds Removed (B1 through B4)
Figure 32. Vinyl Chloride Concentration Trends & Cumulative Pounds Removed (B5 through B7)



LEGEND

Fence	
MMW-P-06	MUNDELL Monitoring Well
MW-160/ KB-90	ENVIRON Monitoring Well/Soil Boring
MW-WES-O1A/ SB-02	U.S. EPA Monitoring Well/Soil Boring
SG-1	Stream Gauge Location
GP-29	Soil Boring
	Sanitary Sewer
	Storm Sewer

**Note that soil borings were advanced adjacent to monitoring wells MMW-8S, MMW-9S, MMW-10S, MMW-11D, MMW-13D, MMW-14D, MMW-P-02, MMW-P-03D, MMW-P-04, MMW-P-07, and MMW-P-10D, in March of 2013.

N

SCALE 0 200 feet

ENVIRON/Keramida/EPA Monitoring Well Locations Referenced from December, 2011 EPA Survey.

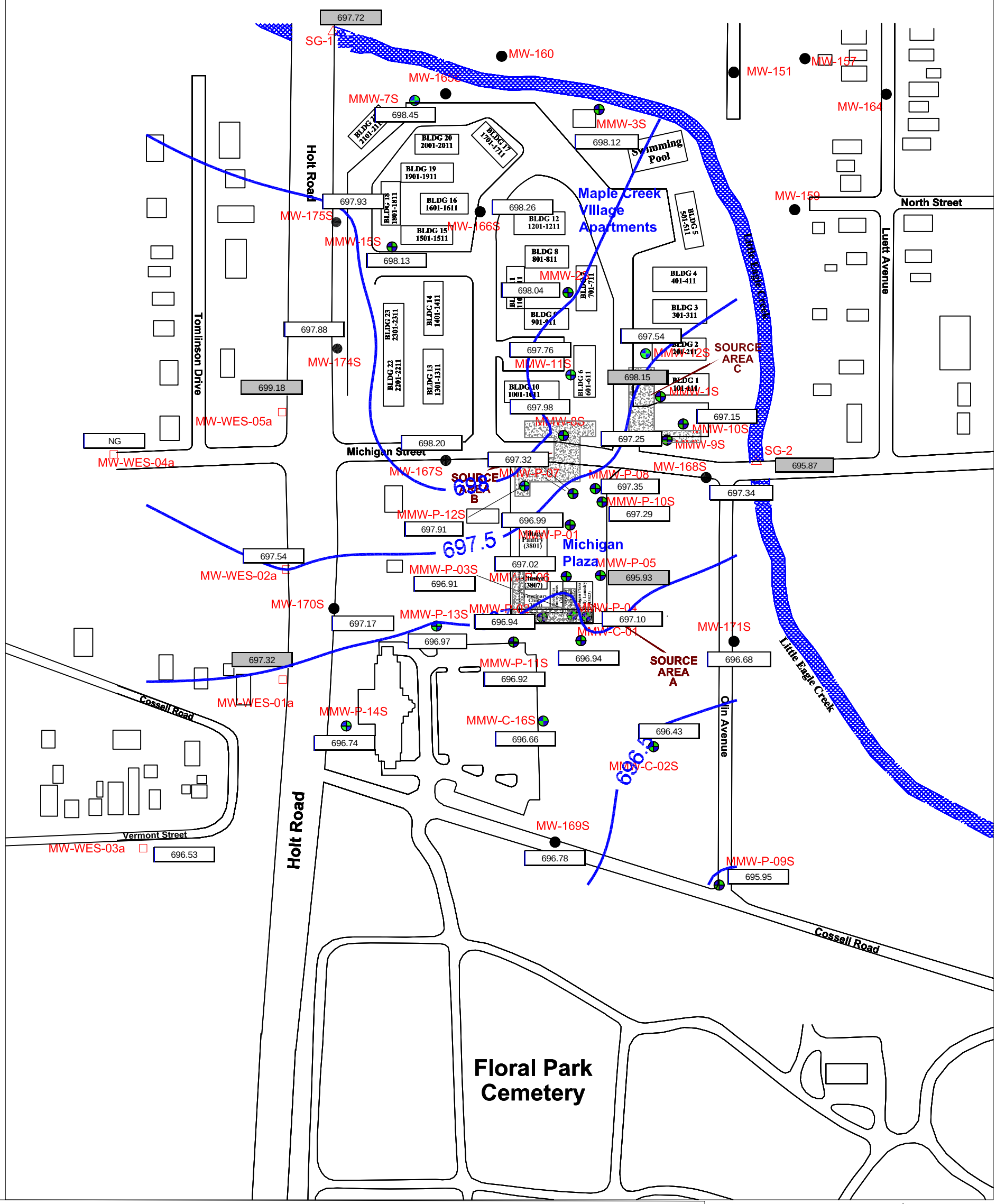
Mundell Consulting Professionals for the Earth and the Environment
110 South Downey Avenue
Indianapolis, Indiana 46219
317-630-9060, fax
317-630-9065
www.MundellAssociates.com

Project Number:	M01046
Drawing File:	1Q14 QMR
Date Prepared:	3-26-14
Scale:	1"=200'

SITE PLAN

Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 1



LEGEND

MMW-P-06	MUNDELL Monitoring Well	NG = Not Gauged
MW-160	ENVIRON Monitoring Well	696.68 — Static water elevation (ft-MSL)
MW-WES-O1A	U.S. EPA Monitoring Well	695.64 — Static water elevation not used to contour potentiometric surface map.
SG-1	Stream Gauge Location	
697.5	Potentiometric Surface Equipotential Lines Contour Interval = 0.5 feet	

N

SCALE 0 200 feet

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

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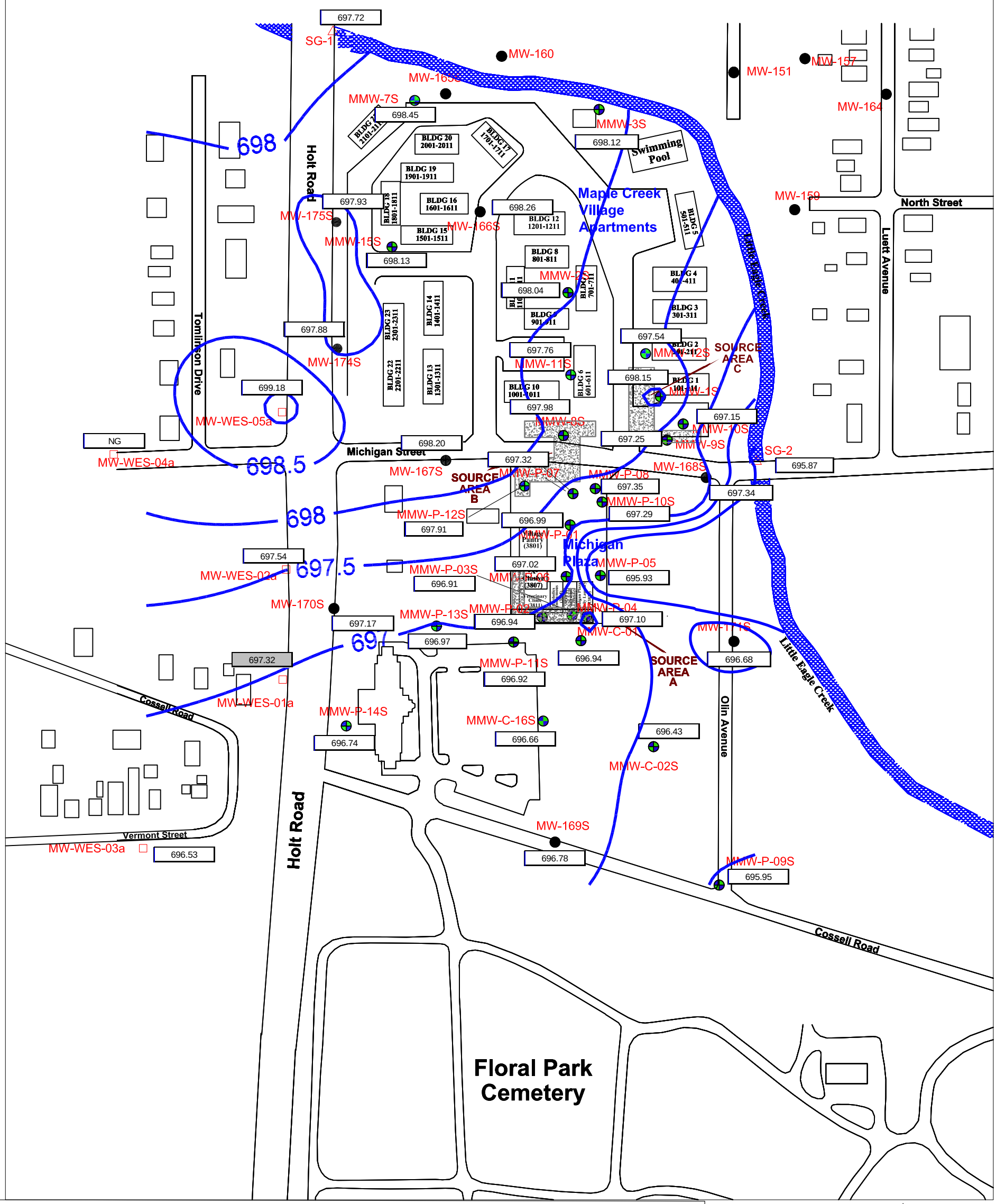
Drawing File:	1Q14 QMR
Date Prepared:	3-7-14
Scale:	1"=200'

SHALLOW UPPER AQUIFER POTENTIOMETRIC SURFACE - FEBRUARY 24, 2014

Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 2A



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MW-WES-O1A	U.S. EPA Monitoring Well	695.64 — Static water elevation not used to contour potentiometric surface map.
SG-1	Stream Gauge Location	
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N

SCALE 0 200 feet

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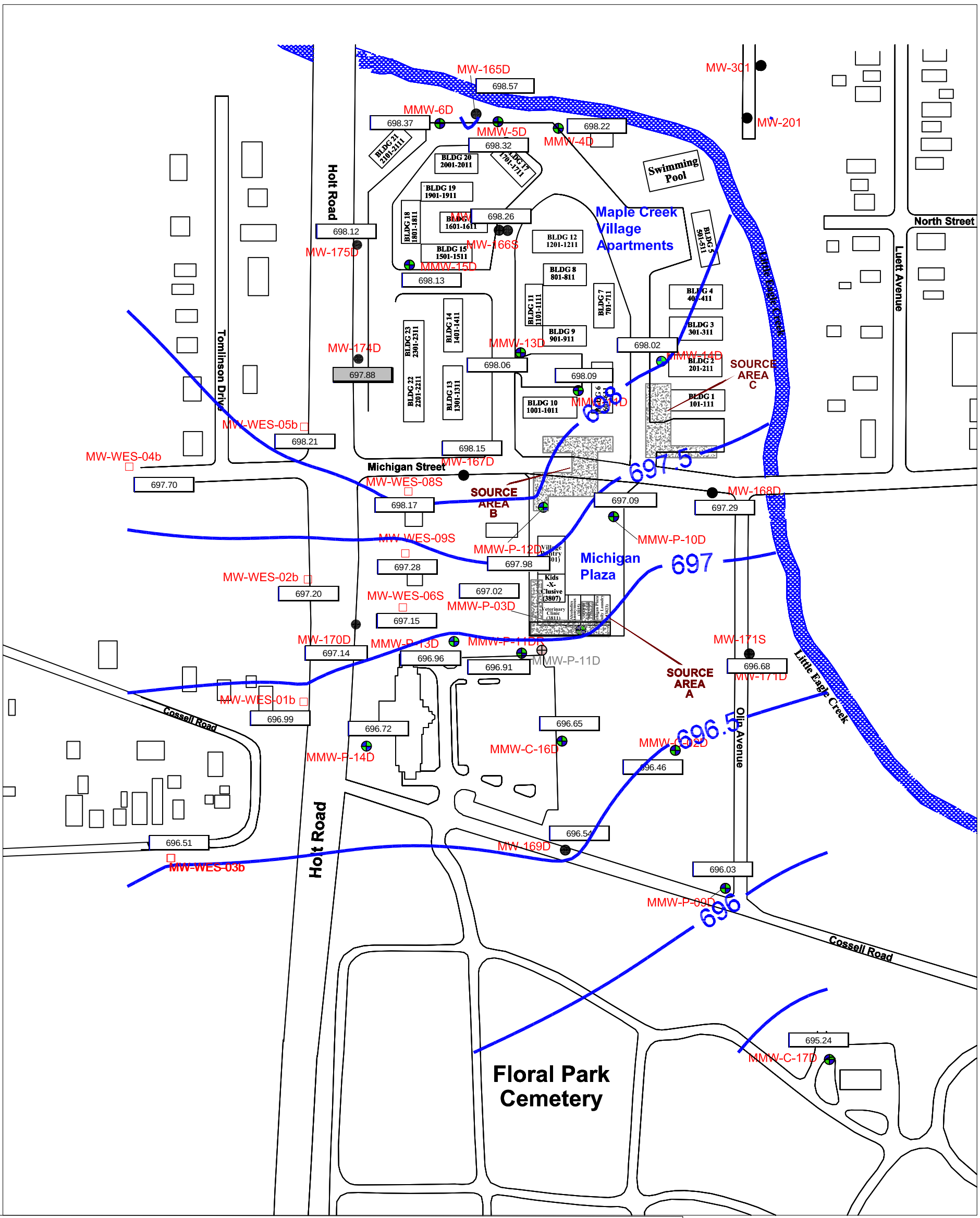
Scale:	1"=200'

SHALLOW UPPER AQUIFER POTENTIOMETRIC SURFACE - FEBRUARY 24, 2014

Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 2B



LEGEND

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MW-160	ENVIRON Monitoring Well	695.64	Static water elevation not used to contour potentiometric surface map.
MW-WES-O1A	U.S. EPA Monitoring Well		
697.5	Potentiometric Surface Equipotential Lines Contour Interval = 0.5 feet		

N

SCALE 0 200 feet

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

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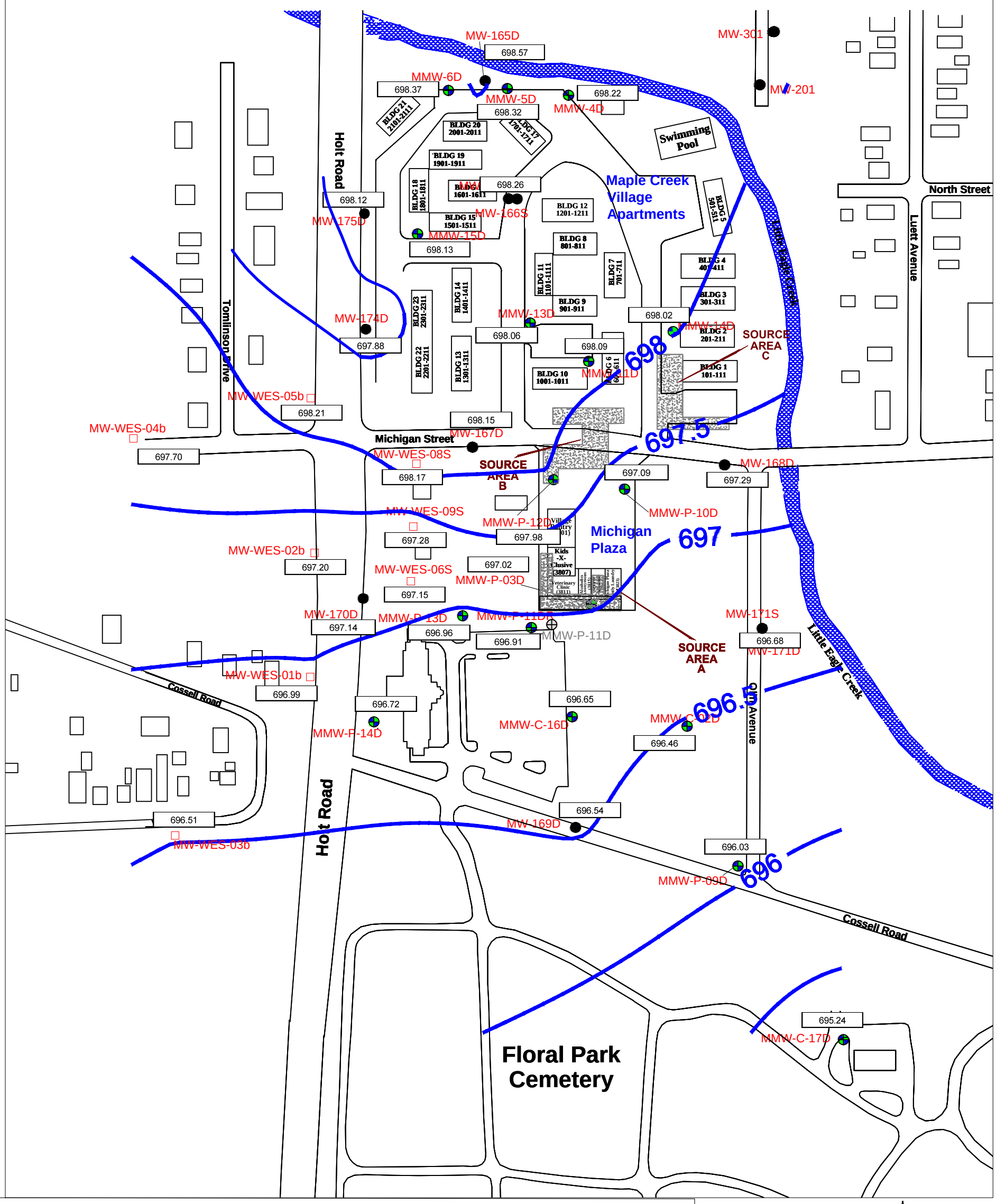
DEEP UPPER AQUIFER POTENTIOMETRIC SURFACE - FEBRUARY 24, 2014

Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 3A



LEGEND

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MW-160	ENVIRON Monitoring Well	695.64	Static water elevation not used to contour potentiometric surface map.
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SCALE 0 200 feet

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

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DEEP UPPER AQUIFER POTENTIOMETRIC SURFACE - FEBRUARY 24, 2014

Michigan Plaza
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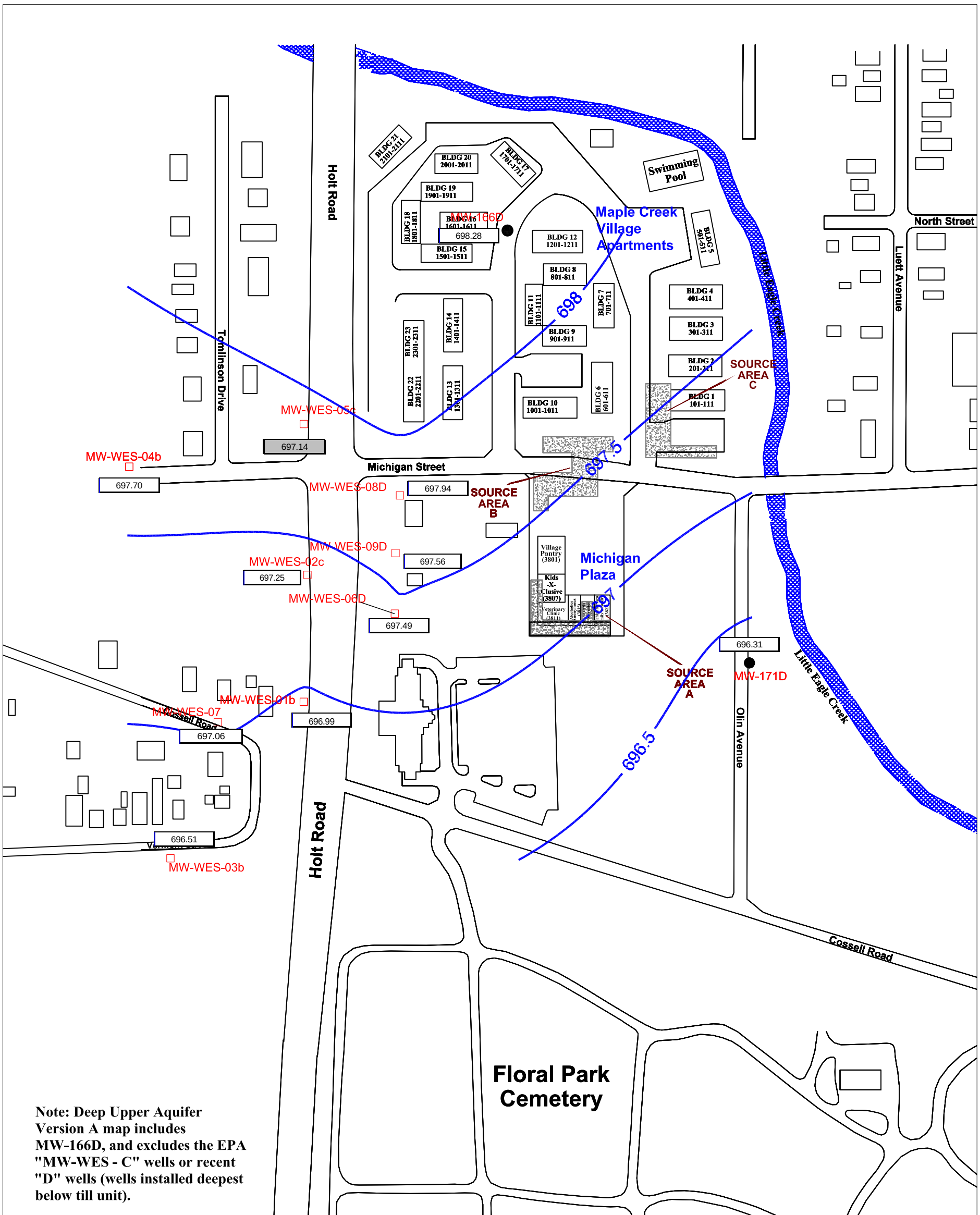
Indianapolis, INDIANA

FIGURE 3B



Note: Deep Upper Aquifer Version A map includes MW-166D, and excludes the EPA "MW-WES - C" wells or recent "D" wells (wells installed deepest below till unit).

LEGEND

MMW-P-06	MUNDELL Monitoring Well	696.68	Static water elevation (ft-MSL)
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MW-WES-O1A	U.S. EPA Monitoring Well		
697.5	Potentiometric Surface Equipotential Lines Contour Interval = 0.5 feet		

N

SCALE 0 200 feet

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

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Scale: 1"=200'

LOWER AQUIFER POTENTIOMETRIC SURFACE - FEBRUARY 24, 2014

Michigan Plaza
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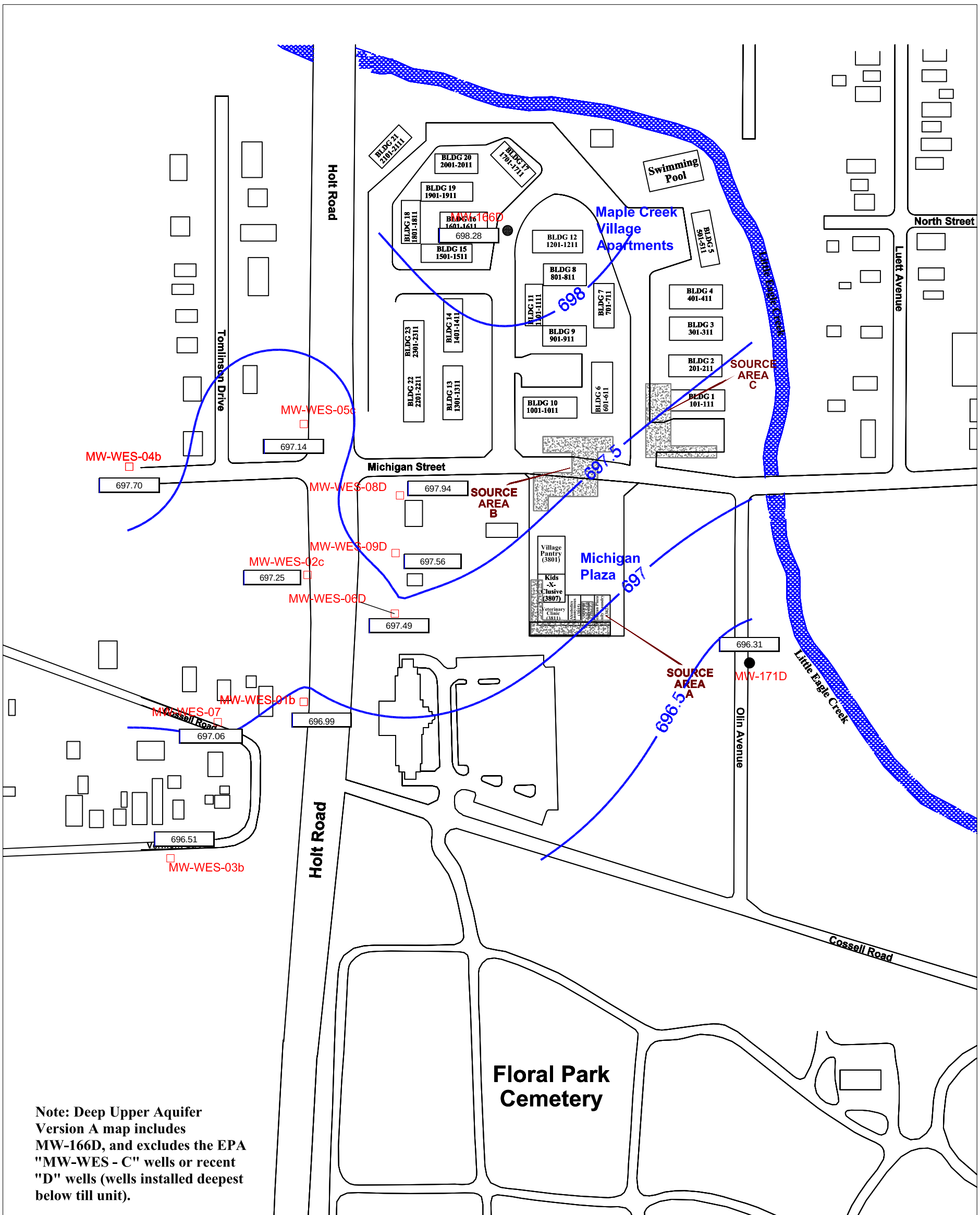
FIGURE 4A



Note: Deep Upper Aquifer Version A map includes MW-166D, and excludes the EPA "MW-WES - C" wells or recent "D" wells (wells installed deepest below till unit).

LEGEND

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MW-160	ENVIRON Monitoring Well	695.64	Static water elevation not used to contour potentiometric surface map.
MW-WES-O1A	U.S. EPA Monitoring Well		
697.5	Potentiometric Surface Equipotential Lines Contour Interval = 0.5 feet		

N

SCALE 0 200 feet

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

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Date Prepared: 3-28-14
Scale: 1"=200'

LOWER AQUIFER POTENTIOMETRIC SURFACE - FEBRUARY 24, 2014

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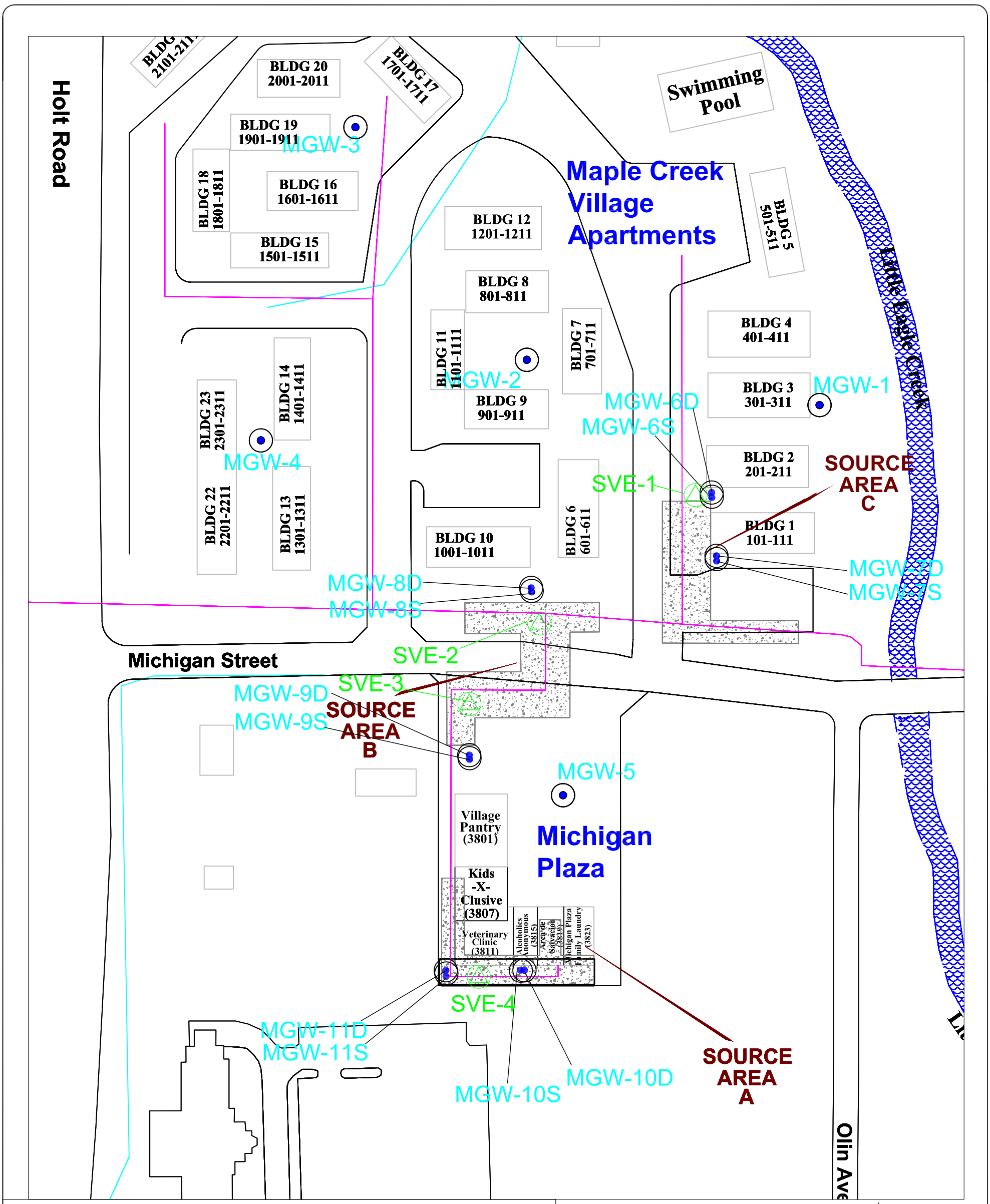
FIGURE 4B



LEGEND

Fence

Sanitary Sewer

Storm Sewer

SVE-1 MUNDELL SVE Well

MGW-1 MUNDELL Soil Gas Well

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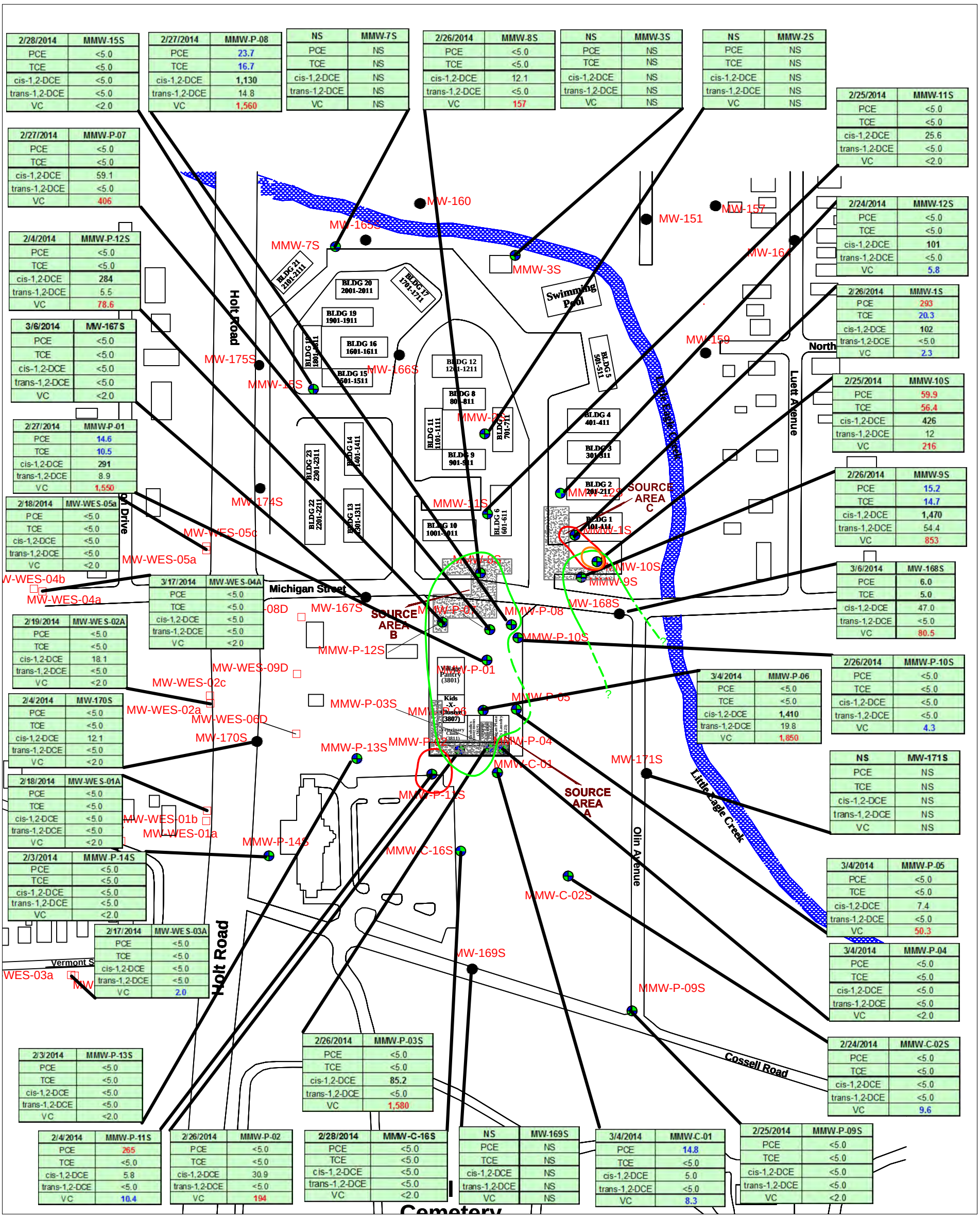
Project Number:	M01046
Drawing File:	4Q13 QMR
Date Prepared:	12-13-13
Scale:	1"=200'

SOIL GAS MONITORING WELL AND SVE WELL LOCATIONS

Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 5



2/28/2014	MMW-15S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/27/2014	MMW-P-08
PCE	23.7
TCE	16.7
cis-1,2-DCE	1,130
trans-1,2-DCE	14.8
VC	1,560

NS	MMW-7S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/26/2014	MMW-8S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	12.1
trans-1,2-DCE	<5.0
VC	157

NS	MMW-3S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

NS	MMW-2S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/25/2014	MMW-11S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	25.6
trans-1,2-DCE	<5.0
VC	<2.0

2/27/2014	MMW-P-07
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	59.1
trans-1,2-DCE	<5.0
VC	406

2/24/2014	MMW-12S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	101
trans-1,2-DCE	<5.0
VC	5.8

2/4/2014	MMW-P-12S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	284
trans-1,2-DCE	5.5
VC	78.6

2/26/2014	MMW-1S
PCE	293
TCE	20.3
cis-1,2-DCE	102
trans-1,2-DCE	<5.0
VC	2.3

3/6/2014	MW-167S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/25/2014	MMW-10S
PCE	59.9
TCE	56.4
cis-1,2-DCE	426
trans-1,2-DCE	12
VC	216

2/27/2014	MMW-P-01
PCE	14.6
TCE	10.5
cis-1,2-DCE	291
trans-1,2-DCE	8.9
VC	1,550

2/26/2014	MMW-9S
PCE	15.2
TCE	14.7
cis-1,2-DCE	1,470
trans-1,2-DCE	54.4
VC	853

2/18/2014	MW-WES-05a
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

3/6/2014	MW-168S
PCE	6.0
TCE	5.0
cis-1,2-DCE	47.0
trans-1,2-DCE	<5.0
VC	80.5

3/17/2014	MW-WES-04A
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/19/2014	MW-WES-02A
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	18.1
trans-1,2-DCE	<5.0
VC	<2.0

2/26/2014	MMW-P-10S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	4.3

3/4/2014	MMW-P-06
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	1,410
trans-1,2-DCE	19.8
VC	1,850

2/4/2014	MW-170S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	12.1
trans-1,2-DCE	<5.0
VC	<2.0

NS	MW-171S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/18/2014	MW-WES-01A
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

3/4/2014	MMW-P-05
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	7.4
trans-1,2-DCE	<5.0
VC	50.3

2/3/2014	MMW-P-14S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/17/2014	MW-WES-03A
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	2.0

3/4/2014	MMW-P-04
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/26/2014	MMW-P-03S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	85.2
trans-1,2-DCE	<5.0
VC	1,580

2/24/2014	MMW-C-02S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	9.6

2/3/2014	MMW-P-13S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/4/2014	MMW-P-11S
PCE	265
TCE	<5.0
cis-1,2-DCE	5.8
trans-1,2-DCE	<5.0
VC	10.4

2/26/2014	MMW-P-02
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	30.9
trans-1,2-DCE	<5.0
VC	194

2/28/2014	MMW-C-16S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

NS	MW-169S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

3/4/2014	MMW-C-01
PCE	14.8
TCE	<5.0
cis-1,2-DCE	5.0
trans-1,2-DCE	<5.0
VC	8.3

2/25/2014	MMW-P-09S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

LEGEND

MMW-P-06 — MUNDELL Monitoring Well

MW-160 — ENVIRON Monitoring Well

MW-WES-01A — U.S. EPA Monitoring Well

Inferred Extent of PCE > 55 ug/L

Inferred Extent of TCE > 38 ug/L

Inferred Extent of VC > 35 ug/L

NS = Not Sampled

	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride
	ug/l				
2012 IDEM RCG Commercial/Industrial VI Screening Level	55	38			35
2012 IDEM RCG Residential VI Screening Level	11	9.1			2
2012 IDEM RCG Tap Residential Screening Level	5	5	70	70	2

2/26/2014	MMW-1S
PCE	293
TCE	20.3
cis-1,2-DCE	102
trans-1,2-DCE	<5.0
VC	2.3

All Values Over 2012 IDEM RCG Industrial/Commercial VI Screening Levels in Red
All Values Over 2012 IDEM RCG Residential VI Screening Levels in Blue
All Values Over 2012 IDEM RCG Tap - Residential Screening Level in Bold
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
ug/l = micrograms per liter
NS = Not Sampled
All analytical results presented in micrograms per liter (ug/l)

N

SCALE 0 200 feet

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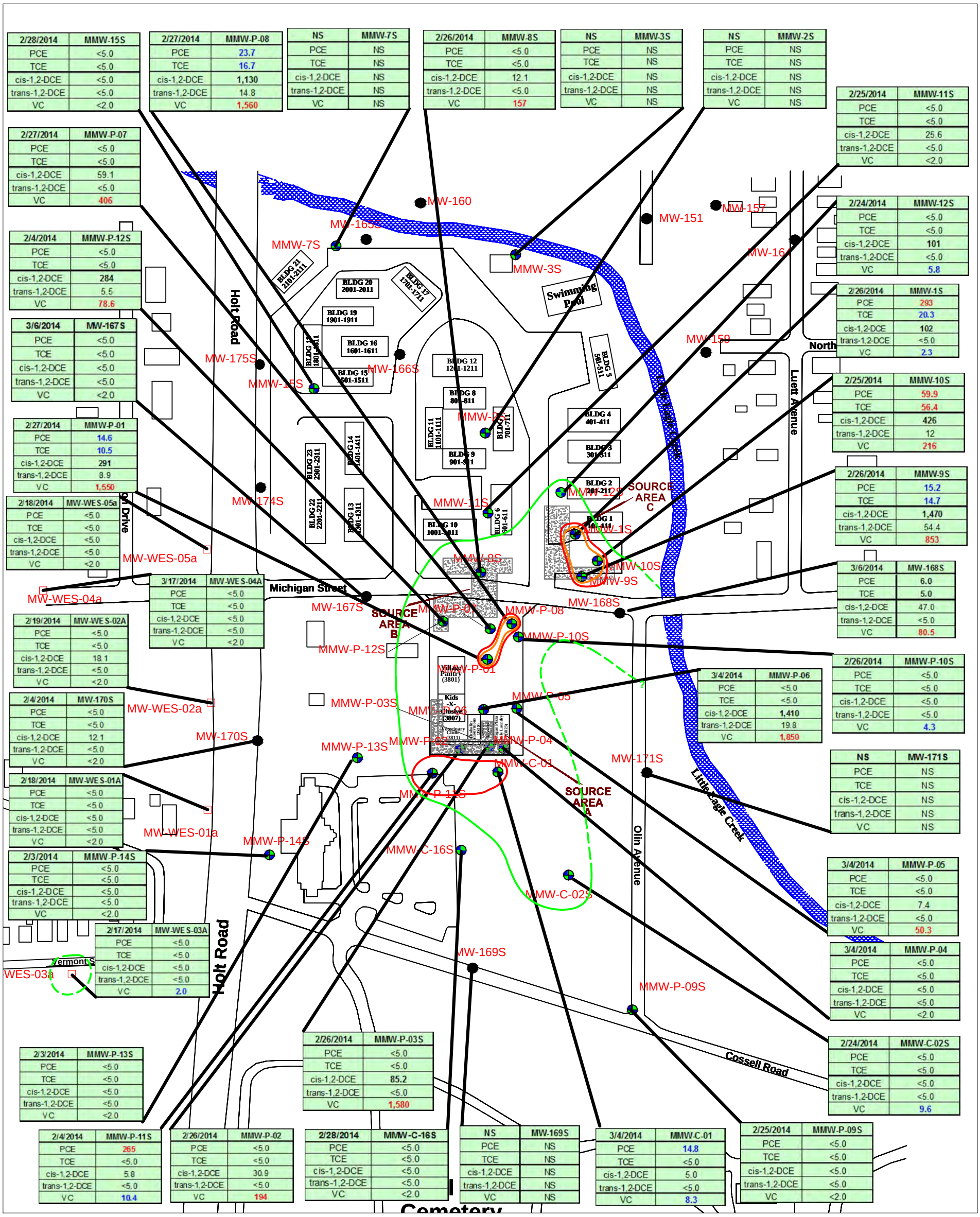
Project Number: M01046
Drawing File: 1Q14 QMR
Date Prepared: 4-3-14
Scale: 1"=200'

GROUNDWATER ANALYTICAL MAP - SHALLOW UPPER AQUIFER 1ST QUARTER 2014 (VI-GWSL COMMERCIAL/INDUSTRIAL EXCEEDANCES)
Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 6A



2/28/2014	MMW-15S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/27/2014	MMW-P-08
PCE	23.7
TCE	16.7
cis-1,2-DCE	1,130
trans-1,2-DCE	14.8
VC	1,560

NS	MMW-7S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/26/2014	MMW-8S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	12.1
trans-1,2-DCE	<5.0
VC	157

NS	MMW-3S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

NS	MMW-2S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/25/2014	MMW-11S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	25.6
trans-1,2-DCE	<5.0
VC	<2.0

2/27/2014	MMW-P-07
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	59.1
trans-1,2-DCE	<5.0
VC	406

2/24/2014	MMW-12S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	101
trans-1,2-DCE	<5.0
VC	5.8

2/4/2014	MMW-P-12S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	284
trans-1,2-DCE	5.5
VC	78.6

2/26/2014	MMW-1S
PCE	293
TCE	20.3
cis-1,2-DCE	102
trans-1,2-DCE	<5.0
VC	2.3

3/6/2014	MW-167S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/25/2014	MMW-10S
PCE	59.9
TCE	56.4
cis-1,2-DCE	426
trans-1,2-DCE	12
VC	216

2/27/2014	MMW-P-01
PCE	14.6
TCE	10.5
cis-1,2-DCE	291
trans-1,2-DCE	8.9
VC	1,550

2/26/2014	MMW-9S
PCE	15.2
TCE	14.7
cis-1,2-DCE	1,470
trans-1,2-DCE	54.4
VC	853

2/18/2014	MW-WES-05a
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

3/6/2014	MW-168S
PCE	6.0
TCE	5.0
cis-1,2-DCE	47.0
trans-1,2-DCE	<5.0
VC	80.5

3/17/2014	MW-WES-04A
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/19/2014	MW-WES-02A
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	18.1
trans-1,2-DCE	<5.0
VC	<2.0

2/26/2014	MMW-P-10S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	4.3

3/4/2014	MMW-P-06
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	1,410
trans-1,2-DCE	19.8
VC	1,850

2/4/2014	MW-170S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	12.1
trans-1,2-DCE	<5.0
VC	<2.0

NS	MW-171S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/18/2014	MW-WES-01A
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

3/4/2014	MMW-P-05
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	7.4
trans-1,2-DCE	<5.0
VC	50.3

2/3/2014	MMW-P-14S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/17/2014	MW-WES-03A
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	2.0

3/4/2014	MMW-P-04
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/26/2014	MMW-P-03S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	85.2
trans-1,2-DCE	<5.0
VC	1,580

2/24/2014	MMW-C-02S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	9.6

2/3/2014	MMW-P-13S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/4/2014	MMW-P-11S
PCE	265
TCE	<5.0
cis-1,2-DCE	5.8
trans-1,2-DCE	<5.0
VC	10.4

2/26/2014	MMW-P-02
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	30.9
trans-1,2-DCE	<5.0
VC	194

2/28/2014	MMW-C-16S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

NS	MW-169S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

3/4/2014	MMW-C-01
PCE	14.8
TCE	<5.0
cis-1,2-DCE	5.0
trans-1,2-DCE	<5.0
VC	8.3

2/25/2014	MMW-P-09S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

LEGEND

MMW-P-06 — MUNDELL Monitoring Well

MW-160 — ENVIRON Monitoring Well

MW-WES-01A — U.S. EPA Monitoring Well

Inferred Extent of PCE > 11 ug/L

Inferred Extent of TCE > 9.1 ug/L

Inferred Extent of VC > 2 ug/L

NS = Not Sampled

	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride
	ug/l				
2012 IDEM RCG Commercial/Industrial VI Screening Level	55	38			35
2012 IDEM RCG Residential VI Screening Level	11	9.1			2
2012 IDEM RCG Tap Residential Screening Level	5	5	70	70	2

2/26/2014	MMW-1S
PCE	293
TCE	20.3
cis-1,2-DCE	102
trans-1,2-DCE	<5.0
VC	2.3

All Values Over 2012 IDEM RCG Industrial/Commercial VI Screening Levels in Red
All Values Over 2012 IDEM RCG Residential VI Screening Levels in Blue
All Values Over 2012 IDEM RCG Tap - Residential Screening Level in Bold
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
ug/l = micrograms per liter
NS = Not Sampled
All analytical results presented in micrograms per liter (ug/l)

N

SCALE 0 200 feet

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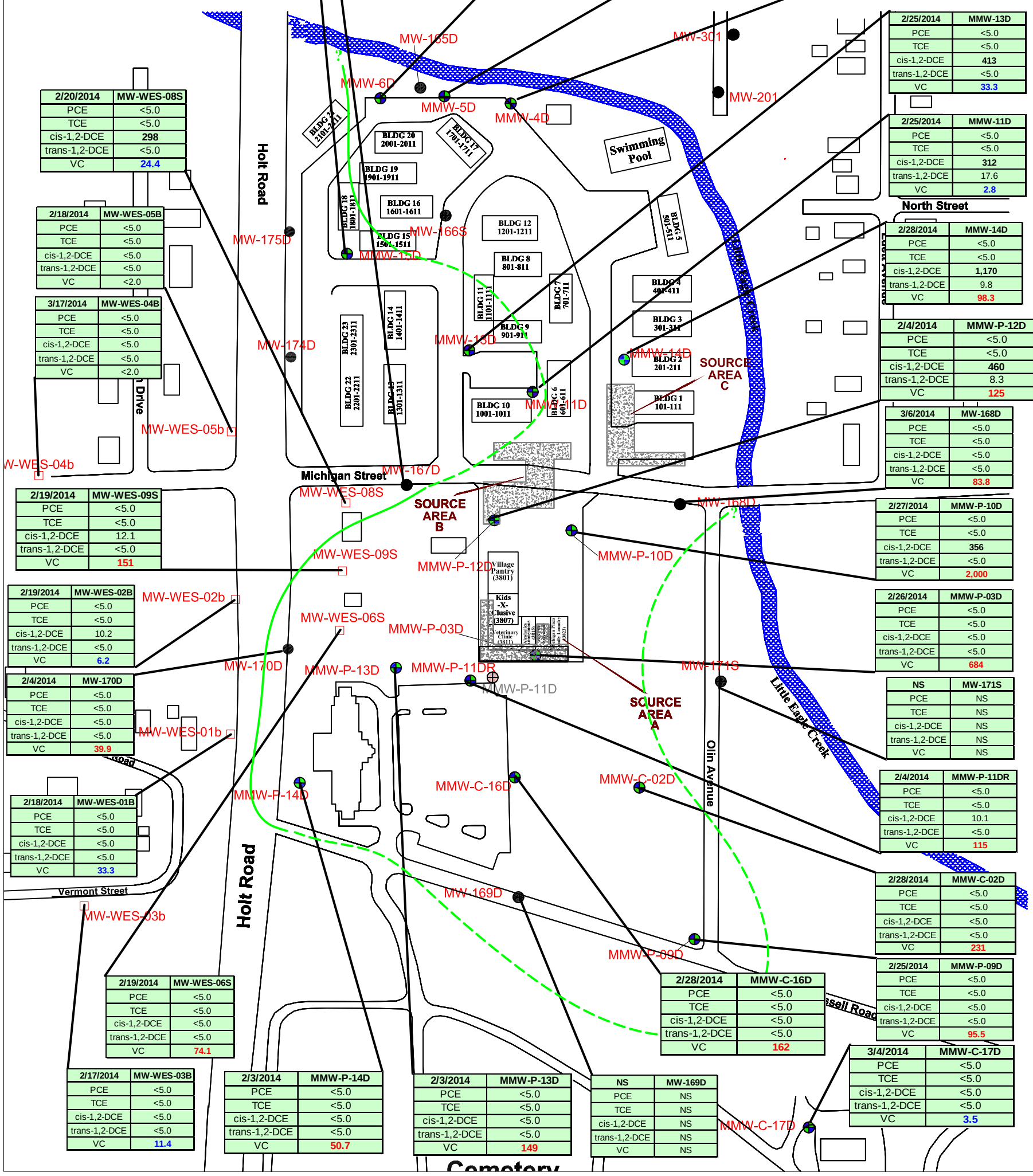
Project Number: M01046
Drawing File: 1Q14 QMR
Date Prepared: 4-3-2014
Scale: 1"=200'

GROUNDWATER ANALYTICAL MAP - SHALLOW UPPER AQUIFER 1ST QUARTER 2014 (VI-GWSL RESIDENTIAL EXCEEDANCES)

Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 6B



2/28/2014	MMW-15D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	7.9
trans-1,2-DCE	<5.0
VC	5.1

3/6/2014	MW-167D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	416
trans-1,2-DCE	13.0
VC	28.6

2/24/2014	MMW-6D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	51.6

NS	MMW-5D
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/24/2014	MMW-4D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	311
trans-1,2-DCE	<5.0
VC	174

2/20/2014	MW-WES-08S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	298
trans-1,2-DCE	<5.0
VC	24.4

2/18/2014	MW-WES-05B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

3/17/2014	MW-WES-04B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/19/2014	MW-WES-09S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	12.1
trans-1,2-DCE	<5.0
VC	151

2/19/2014	MW-WES-02B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	10.2
trans-1,2-DCE	<5.0
VC	6.2

2/4/2014	MW-170D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	39.9

2/18/2014	MW-WES-01B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	33.3

2/19/2014	MW-WES-06S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	74.1

2/17/2014	MW-WES-03B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	11.4

2/3/2014	MMW-P-14D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	50.7

2/3/2014	MMW-P-13D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	149

NS	MW-169D
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/25/2014	MMW-13D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	413
trans-1,2-DCE	<5.0
VC	33.3

2/25/2014	MMW-11D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	312
trans-1,2-DCE	17.6
VC	2.8

2/28/2014	MMW-14D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	1,170
trans-1,2-DCE	9.8
VC	98.3

2/4/2014	MMW-P-12D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	460
trans-1,2-DCE	8.3
VC	125

3/6/2014	MW-168D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	83.8

2/27/2014	MMW-P-10D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	356
trans-1,2-DCE	<5.0
VC	2,000

2/26/2014	MMW-P-03D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	684

NS	MW-171S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/4/2014	MMW-P-11DR
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	10.1
trans-1,2-DCE	<5.0
VC	115

2/28/2014	MMW-C-02D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	231

2/25/2014	MMW-P-09D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	95.5

2/28/2014	MMW-C-16D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	162

3/4/2014	MMW-C-17D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	3.5

LEGEND

MMW-P-09D — MUNDELL Monitoring Well

MW-169D — ENVIRON Monitoring Well

MW-WES-05C — U.S. EPA Monitoring Well

Inferred Extent of PCE > 11 ug/L

Inferred Extent of TCE > 9.1 ug/L

Inferred Extent of VC > 2 ug/L

NS = Not Sampled

	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride
	ug/l				
2012 IDEM RCG Commercial/Industrial VI Screening Level	55	38			35
2012 IDEM RCG Residential VI Screening Level	11	9.1			2
2012 IDEM RCG Tap Residential Screening Level	5	5	70	70	2

4/25/2012	MMW-1S
PCE	270
TCE	11.2
cis-1,2-DCE	34.2
trans-1,2-DCE	<5.0
VC	39

All Values Over 2012 IDEM RCG Industrial/Commercial VI Screening Levels in Red
All Values Over 2012 IDEM RCG Residential VI Screening Levels in Blue
All Values Over 2012 IDEM RCG Tap - Residential Screening Level in Bold
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
ug/l = micrograms per liter
NS = Not Sampled
All analytical results presented in micrograms per liter (ug/l)

N

SCALE 0 200 feet

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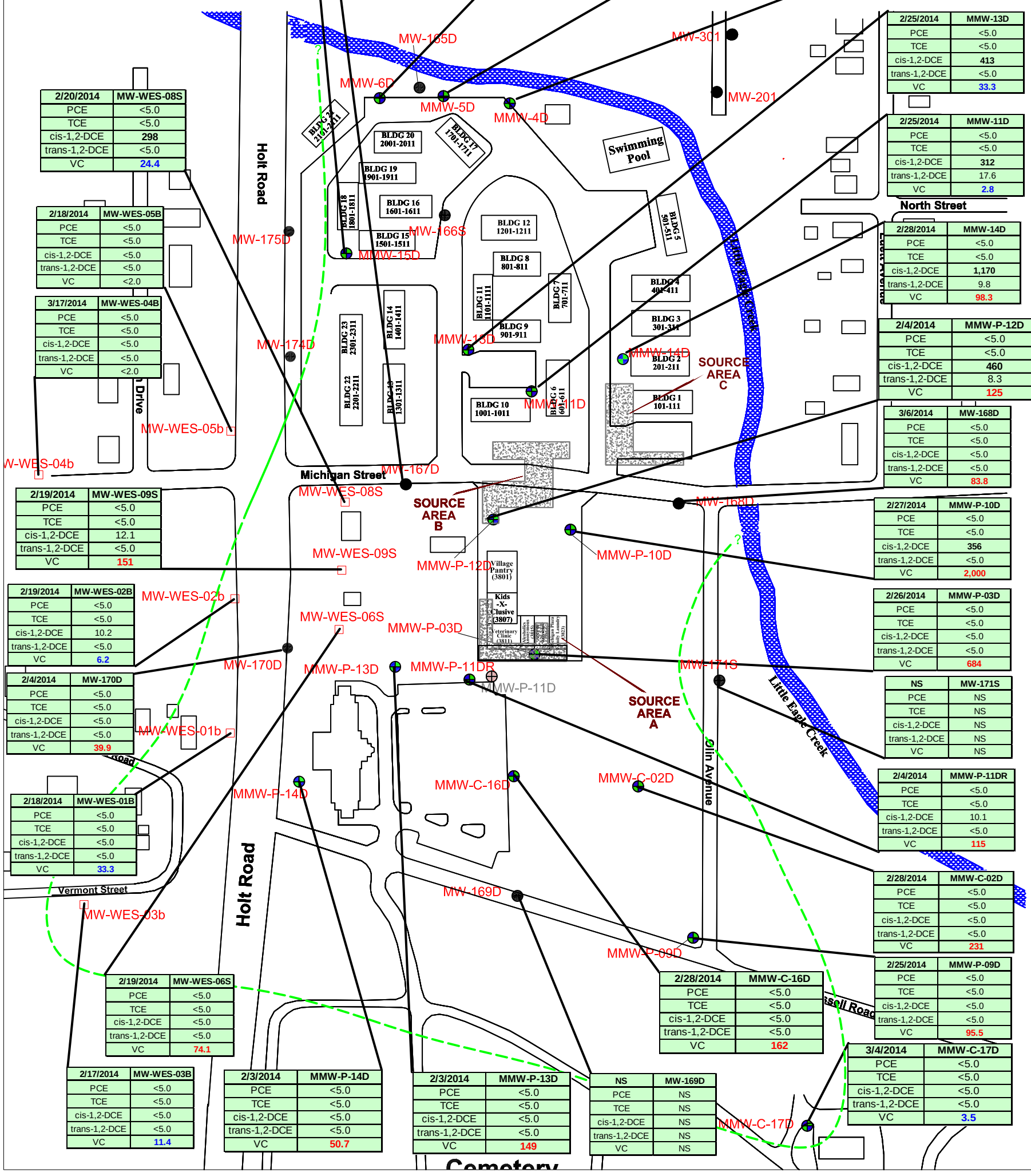
Project Number: M01046
Drawing File: 1Q14 QMR
Date Prepared: 4-22-14
Scale: 1"=200'

GROUNDWATER ANALYTICAL MAP - DEEP UPPER AQUIFER 1ST QUARTER 2014 (VI-GWSL COMMERCIAL/INDUSTRIAL EXCEEDANCES)
Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 7A



2/28/2014	MMW-15D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	7.9
trans-1,2-DCE	<5.0
VC	5.1

3/6/2014	MW-167D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	416
trans-1,2-DCE	13.0
VC	28.6

2/24/2014	MMW-6D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	51.6

NS	MMW-5D
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/24/2014	MMW-4D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	311
trans-1,2-DCE	<5.0
VC	174

2/20/2014	MW-WES-08S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	298
trans-1,2-DCE	<5.0
VC	24.4

2/25/2014	MMW-13D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	413
trans-1,2-DCE	<5.0
VC	33.3

2/25/2014	MMW-11D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	312
trans-1,2-DCE	17.6
VC	2.8

2/18/2014	MW-WES-05B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/28/2014	MMW-14D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	1,170
trans-1,2-DCE	9.8
VC	98.3

3/17/2014	MW-WES-04B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/4/2014	MMW-P-12D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	460
trans-1,2-DCE	8.3
VC	125

3/6/2014	MW-168D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	83.8

2/19/2014	MW-WES-09S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	12.1
trans-1,2-DCE	<5.0
VC	151

2/27/2014	MMW-P-10D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	356
trans-1,2-DCE	<5.0
VC	2,000

2/19/2014	MW-WES-02B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	10.2
trans-1,2-DCE	<5.0
VC	6.2

2/26/2014	MMW-P-03D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	684

2/4/2014	MW-170D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	39.9

NS	MW-171S
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/4/2014	MMW-P-11DR
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	10.1
trans-1,2-DCE	<5.0
VC	115

2/18/2014	MW-WES-01B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	33.3

2/28/2014	MMW-C-02D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	231

2/25/2014	MMW-P-09D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	95.5

2/19/2014	MW-WES-06S
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	74.1

2/28/2014	MMW-C-16D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	162

3/4/2014	MMW-C-17D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	3.5

2/17/2014	MW-WES-03B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	11.4

2/3/2014	MMW-P-14D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	50.7

2/3/2014	MMW-P-13D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	149

NS	MW-169D
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

LEGEND

MMW-P-09D — MUNDELL Monitoring Well

MW-169D — ENVIRON Monitoring Well

MW-WES-05C — U.S. EPA Monitoring Well

Inferred Extent of PCE > 11 ug/L

Inferred Extent of TCE > 9.1 ug/L

Inferred Extent of VC > 2 ug/L

NS = Not Sampled

	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride
	ug/l				
2012 IDEM RCG Commercial/Industrial VI Screening Level	55	38			35
2012 IDEM RCG Residential VI Screening Level	11	9.1			2
2012 IDEM RCG Tap Residential Screening Level	5	5	70	70	2

4/25/2012	MMW-1S
PCE	270
TCE	11.2
cis-1,2-DCE	34.2
trans-1,2-DCE	<5.0
VC	39

All Values Over 2012 IDEM RCG Industrial/Commercial VI Screening Levels in Red
All Values Over 2012 IDEM RCG Residential VI Screening Levels in Blue
All Values Over 2012 IDEM RCG Tap - Residential Screening Level in Bold
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
ug/l = micrograms per liter
NS = Not Sampled
All analytical results presented in micrograms per liter (ug/l)

N

SCALE 0 200 feet

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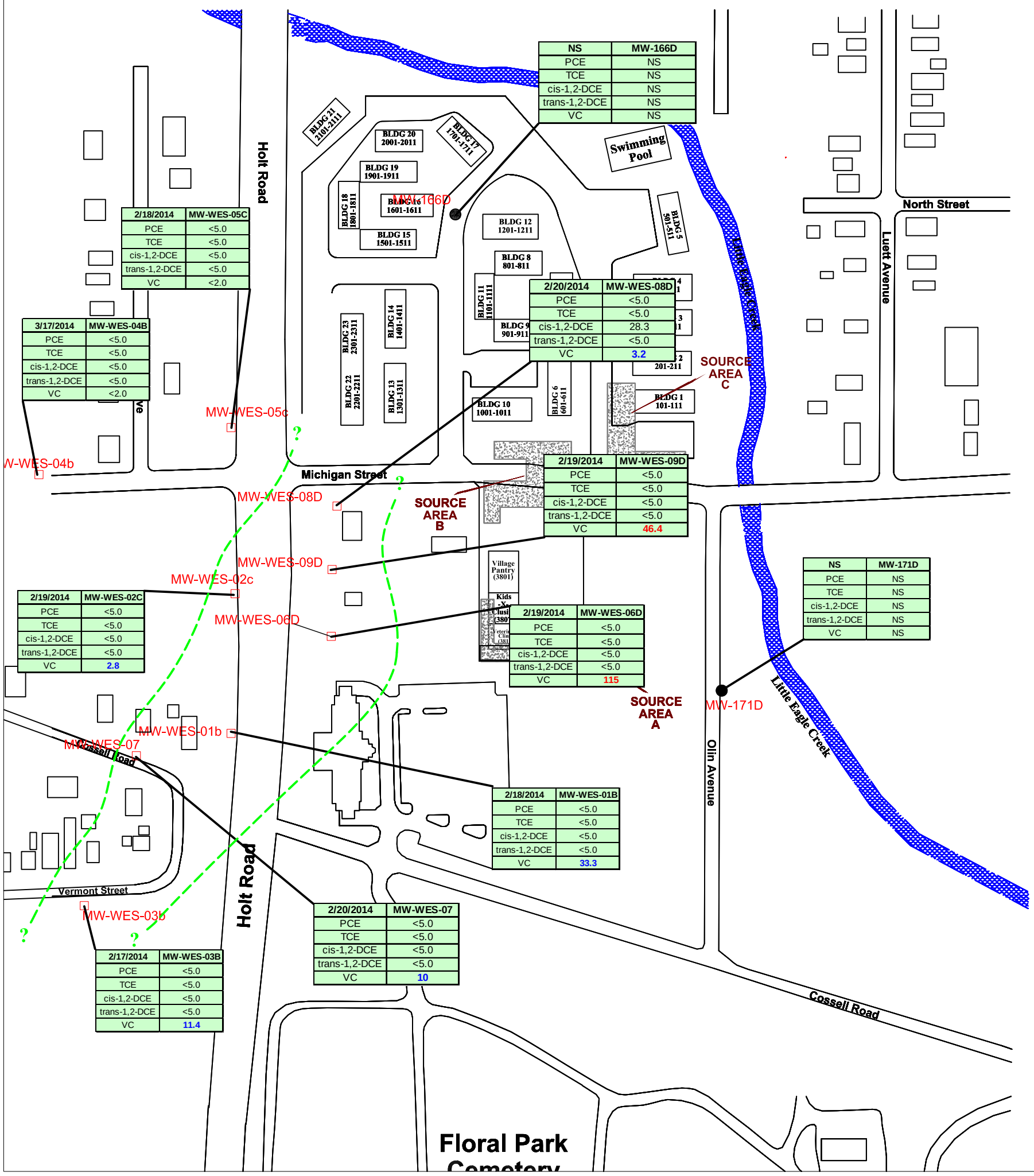
Date Prepared: 4-3-14
Scale: 1"=200'

GROUNDWATER ANALYTICAL MAP - DEEP UPPER AQUIFER 1ST QUARTER 2014 (VI-GWSL RESIDENTIAL EXCEEDANCES)
Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 7B



NS	MW-166D
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/18/2014	MW-WES-05C
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

3/17/2014	MW-WES-04B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	<2.0

2/20/2014	MW-WES-08D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	28.3
trans-1,2-DCE	<5.0
VC	3.2

2/19/2014	MW-WES-09D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	46.4

2/19/2014	MW-WES-02C
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	2.8

2/19/2014	MW-WES-06D
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	115

NS	MW-171D
PCE	NS
TCE	NS
cis-1,2-DCE	NS
trans-1,2-DCE	NS
VC	NS

2/18/2014	MW-WES-01B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	33.3

2/20/2014	MW-WES-07
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	10

2/17/2014	MW-WES-03B
PCE	<5.0
TCE	<5.0
cis-1,2-DCE	<5.0
trans-1,2-DCE	<5.0
VC	11.4

LEGEND

MMW-P-09D — MUNDELL Monitoring Well

MW-169D — ENVIRON Monitoring Well

MW-WES-05C — U.S. EPA Monitoring Well

Inferred Extent of PCE > 11 ug/L

Inferred Extent of TCE > 9.1 ug/L

Inferred Extent of VC > 2 ug/L

NS = Not Sampled

	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl chloride
	ug/l				
2012 IDEM RCG Commercial/Industrial VI Screening Level	55	38			35
2012 IDEM RCG Residential VI Screening Level	11	9.1			2
2012 IDEM RCG Tap Residential Screening Level	5	5	70	70	2

4/25/2012	MMW-1S
PCE	270
TCE	11.2
cis-1,2-DCE	34.2
trans-1,2-DCE	<5.0
VC	39

All Values Over 2012 IDEM RCG Industrial/Commercial VI Screening Levels in Red
All Values Over 2012 IDEM RCG Residential VI Screening Levels in Blue
All Values Over 2012 IDEM RCG Tap - Residential Screening Level in Bold
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
ug/l = micrograms per liter
NS = Not Sampled
All analytical results presented in micrograms per liter (ug/l)

N

0 SCALE 200 feet

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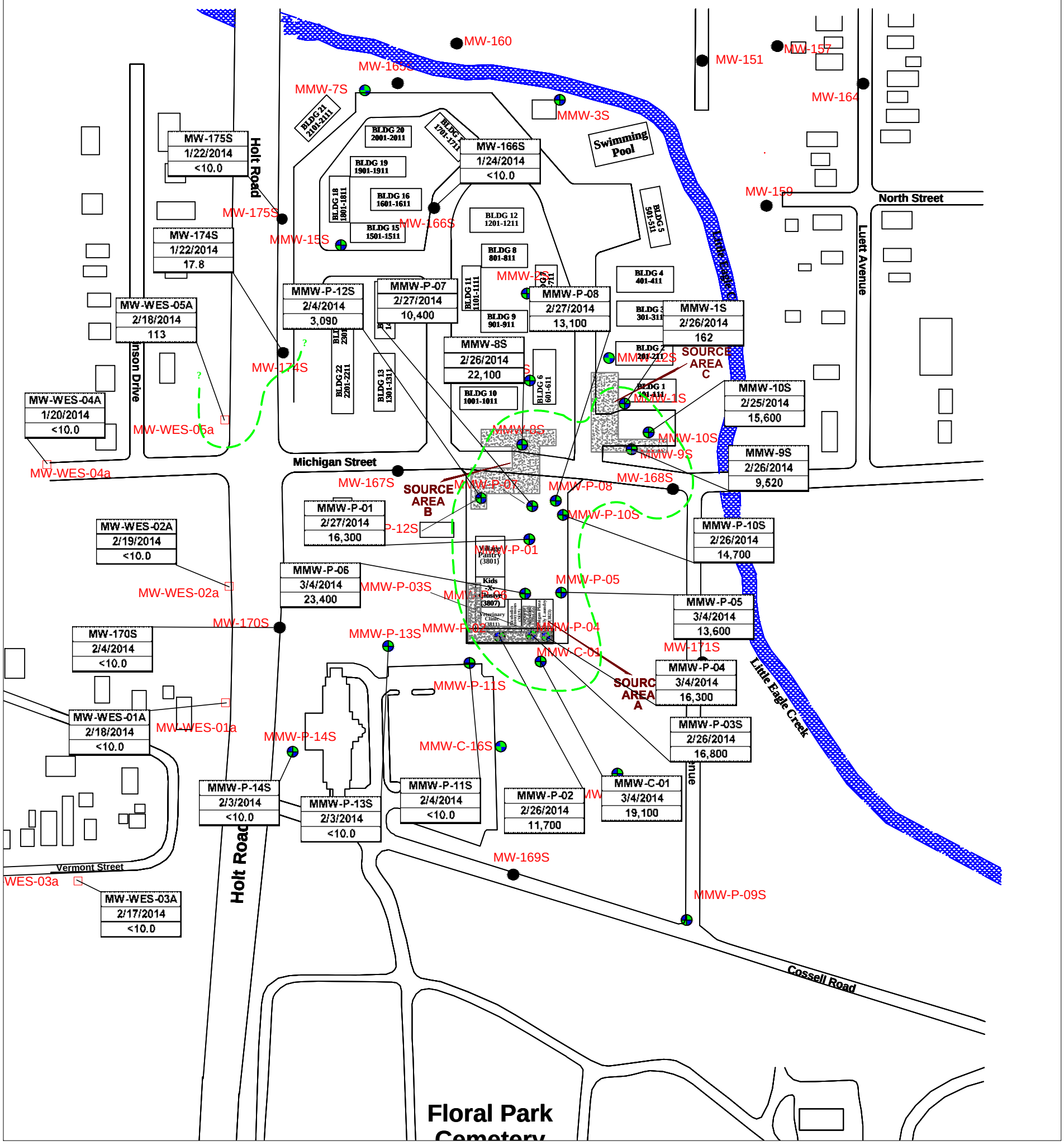
Drawing File: 1Q14 QMR
Date Prepared: 4-3-14
Scale: 1"=200'

GROUNDWATER ANALYTICAL MAP - LOWER AQUIFER 1ST QUARTER 2014 (VI-GWSL RESIDENTIAL EXCEEDANCES)

Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 8



LEGEND

MMW-P-06	●	MUNDELL Monitoring Well
MW-160	●	ENVIRON Monitoring Well
MW-WES-01A	□	U.S. EPA Monitoring Well
	—	Dissolved Methane > 10 ug/L

Well ID
Sample Date
Dissolved Methane (ug/L)

Grey data boxes indicate that sample was collected by U.S. EPA

N

SCALE 0 200 feet

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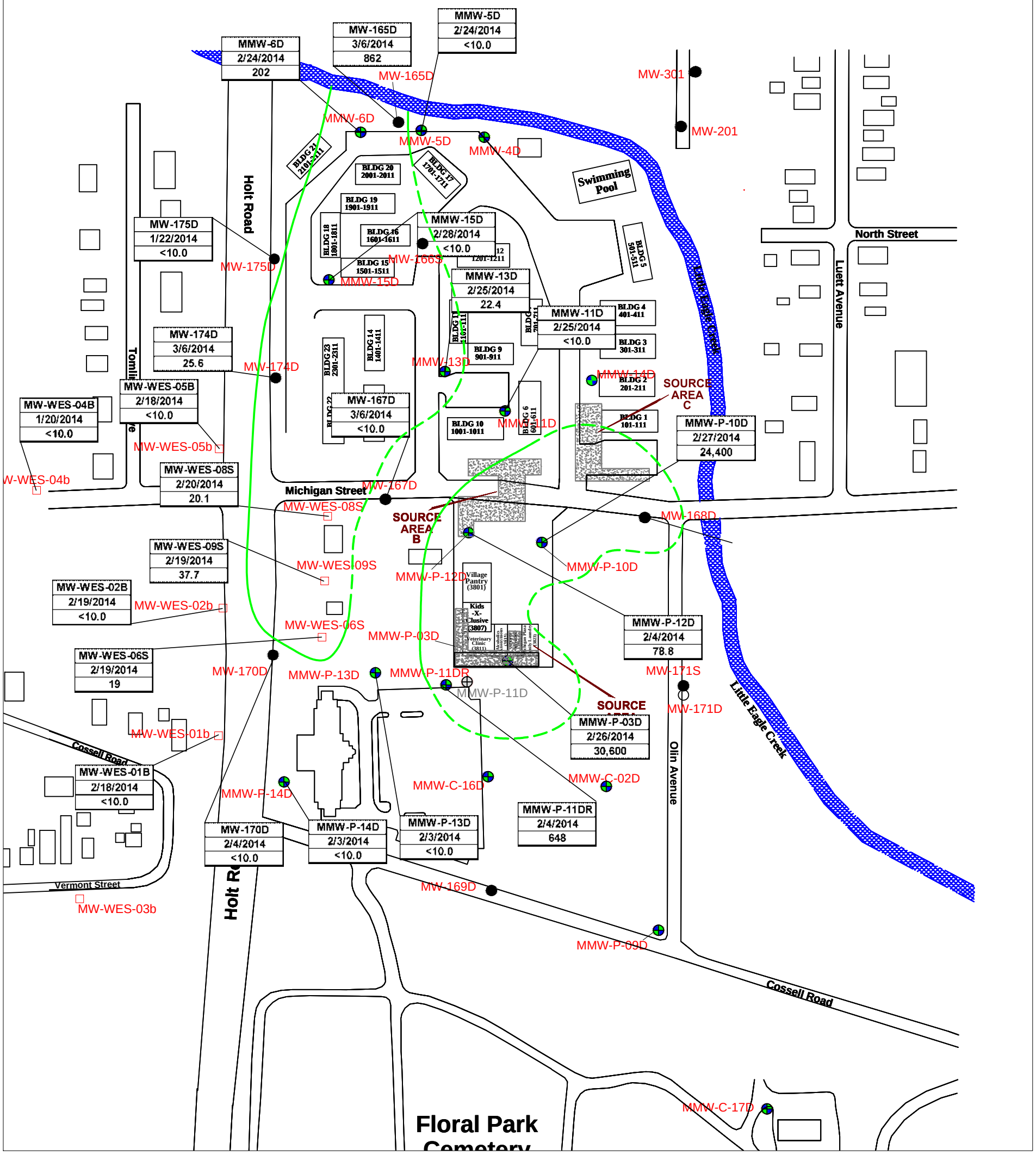
Project Number: M01046
Drawing File: 1Q14 QMR
Date Prepared: 3-17-14
Scale: 1"=200'

DISSOLVED METHANE
SHALLOW UPPER AQUIFER GROUNDWATER
1ST QUARTER 2014
Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 9



LEGEND

MMW-P-06	MUNDELL Monitoring Well
MW-160	ENVIRON Monitoring Well
MW-WES-01A	U.S. EPA Monitoring Well
	Dissolved Methane > 10 ug/L

*Note that MMW-15D is not screened within the same sand unit as the other wells in the deep upper aquifer.

Well ID
Sample Date
Dissolved Methane (ug/L)

Grey data boxes indicate that sample was collected by U.S. EPA

N

SCALE 0 200 feet

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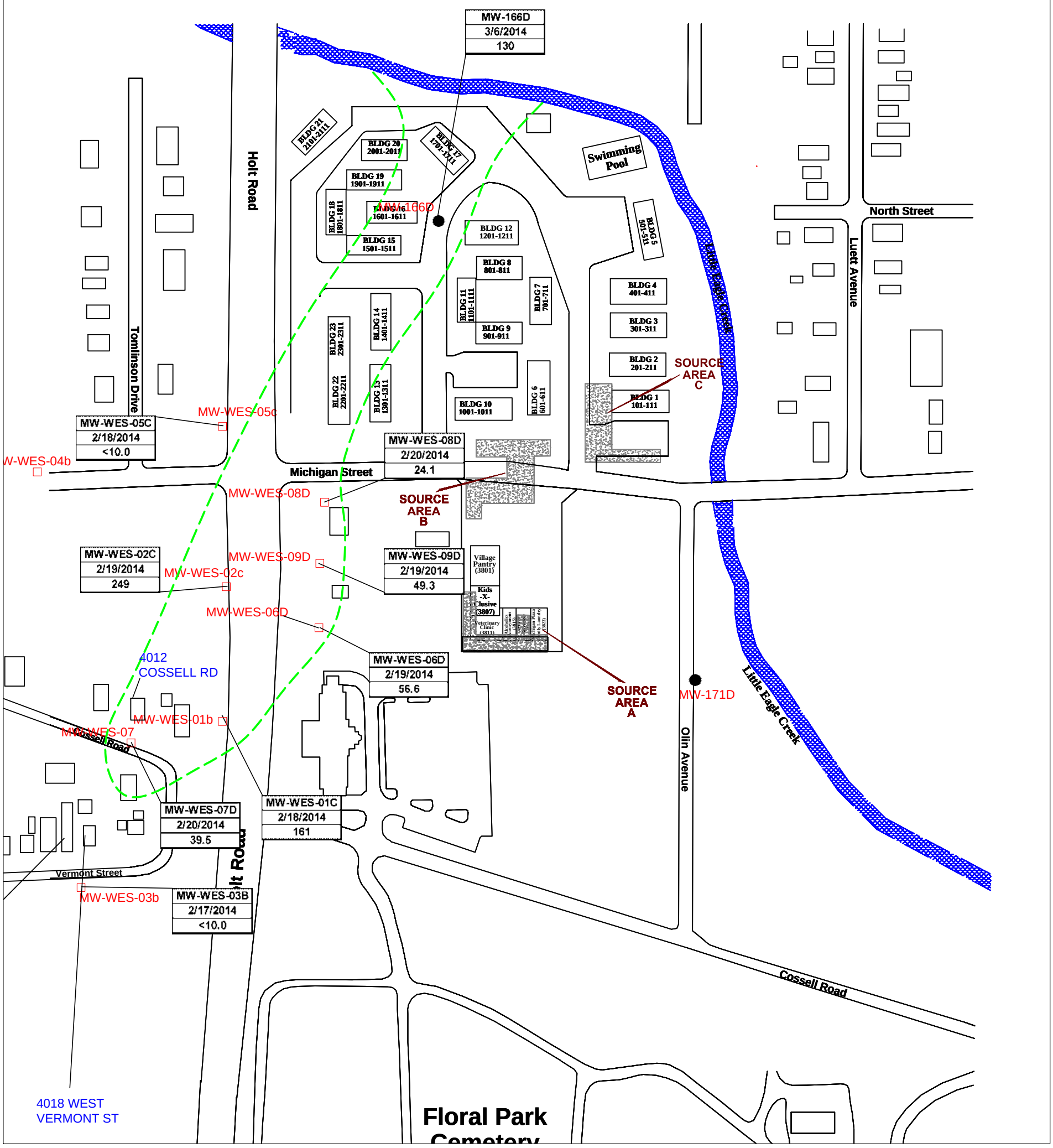
Project Number: M01046
Drawing File: 1Q14 QMR
Date Prepared: 3-17-14
Scale: 1"=200'

DISSOLVED METHANE
DEEP UPPER AQUIFER GROUNDWATER
1ST QUARTER 2014
Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 10



LEGEND

MMW-P-06	●	MUNDELL Monitoring Well
MW-160	●	ENVIRON Monitoring Well
MW-WES-01A	□	U.S. EPA Monitoring Well
	—	Dissolved Methane > 10 ug/L

Well ID
Sample Date
Dissolved Methane (ug/L)

Grey data boxes indicate that sample was collected by U.S. EPA

N

0 SCALE 200 feet

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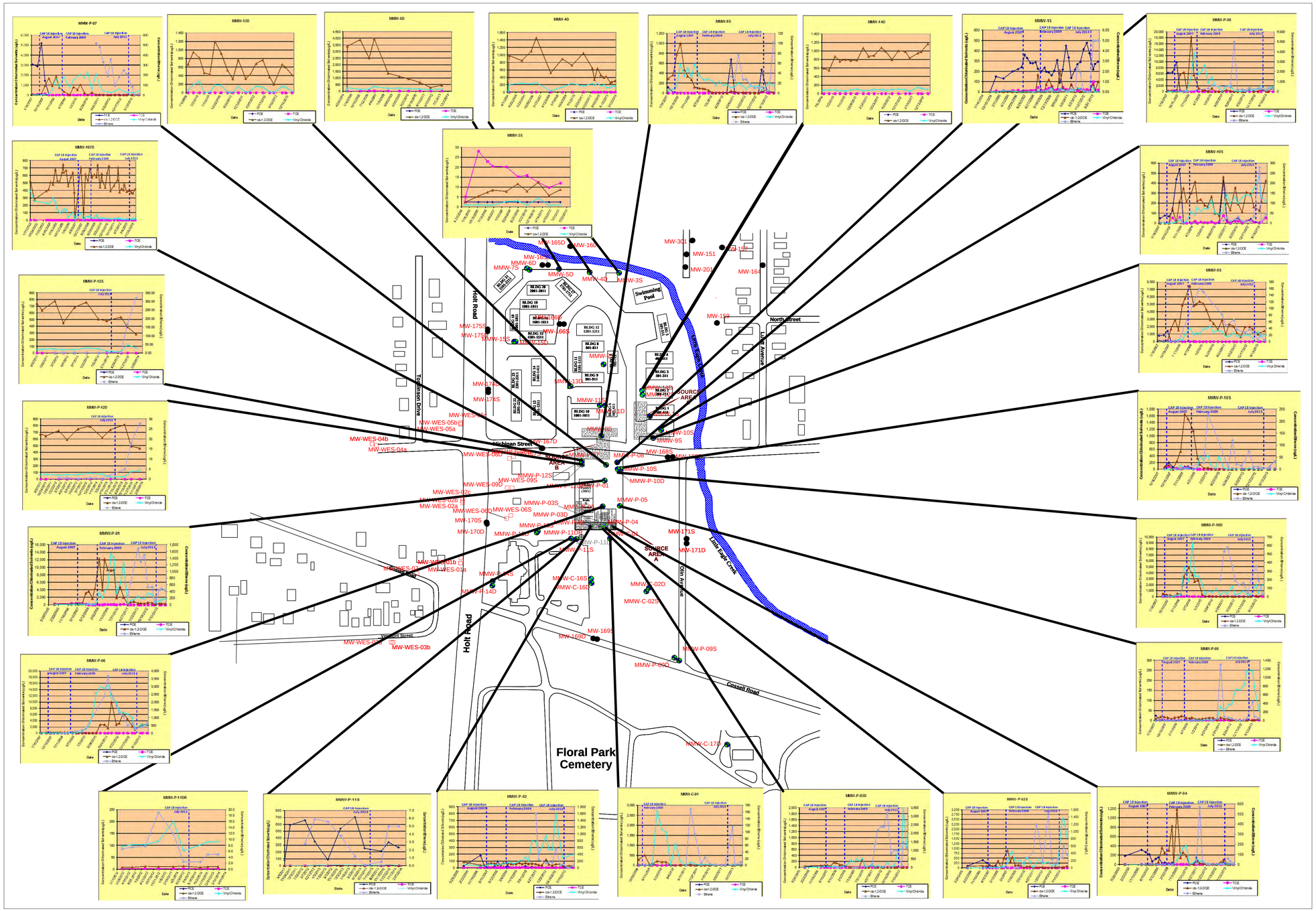
Drawing File: 1Q14 QMR
Date Prepared: 3-17-14
Scale: 1"=200'

DISSOLVED METHANE
LOWER AQUIFER GROUNDWATER
1ST QUARTER 2014
Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 11



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REV.	DATE	DESCRIPTION	BY	APPR.

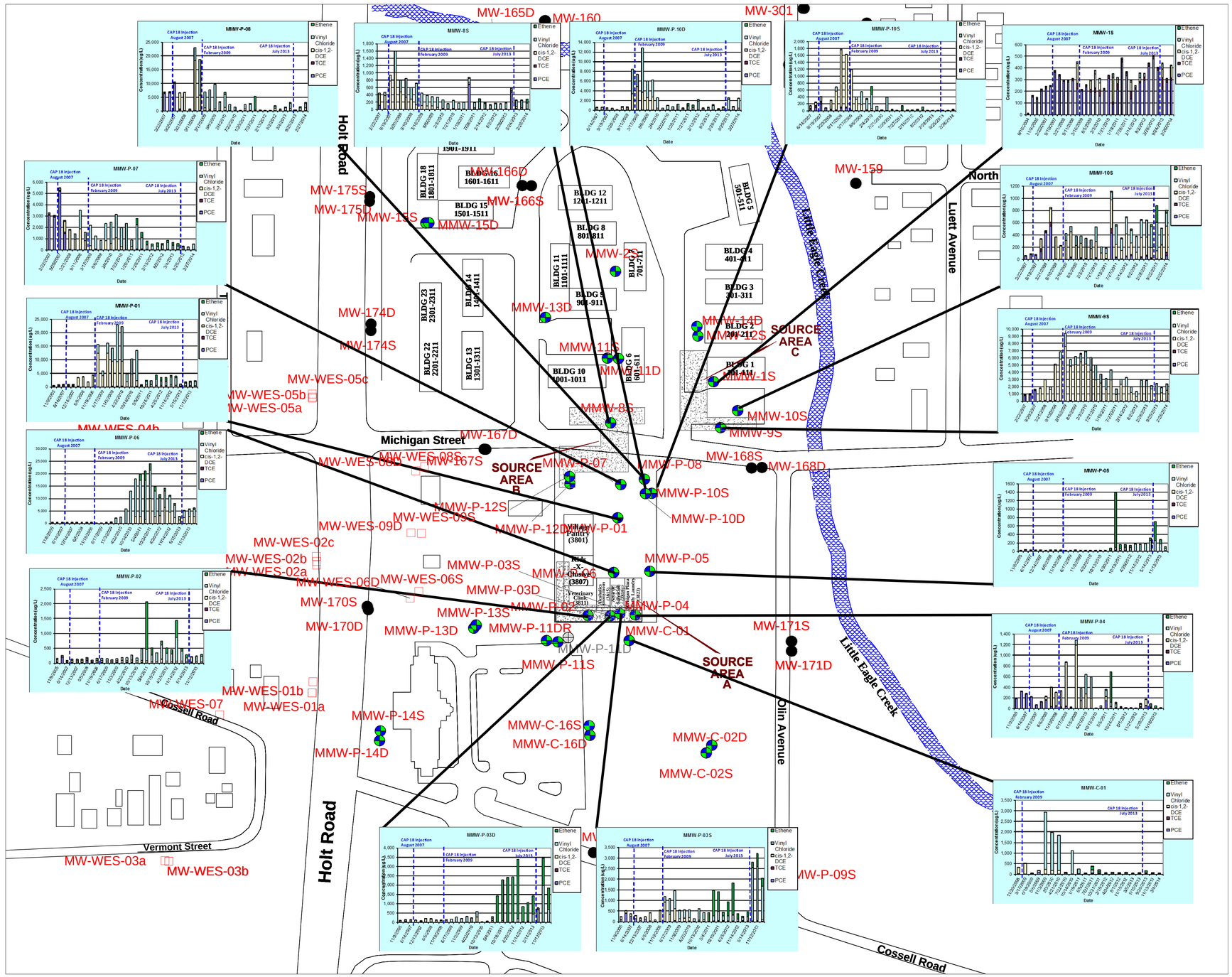
PROJECT NO.:	M01046	FILE NO.:	GW Quarterly.DWG
DRAWING:	1"=200'	PLOT SIZE:	ANSI D
DRAFTED BY:	MTB	DATE:	3/26/14
CHECKED BY:	MEB	DATE:	4/20/14
APPROVED BY:	MEB	DATE:	4/20/14

Indicator Compound Trends in Groundwater (through 1Q14)

Michigan Plaza
3801 - 3823 Michigan Street
Indianapolis, Indiana

FIGURE

12



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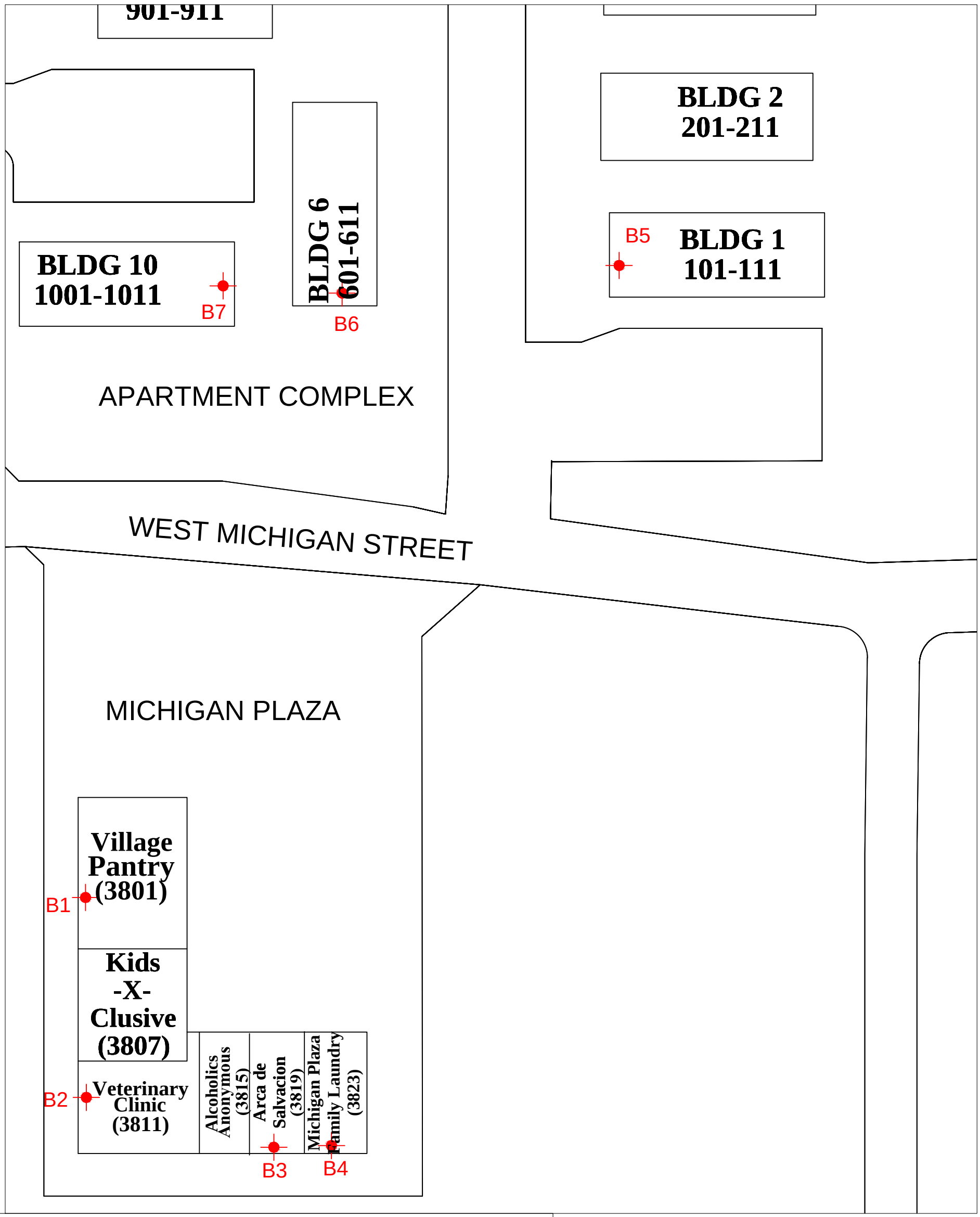
REV.	DATE	DESCRIPTION	BY	APPR.

PROJECT NO.:	M01046	FILE NO.:	GW Quarterly.DWG
DRAWING:	1"=100'	PLOT SIZE:	ANSI D
DRAFTED BY:	MTB	DATE:	3/26/14
CHECKED BY:	MEB	DATE:	4/20/14
APPROVED BY:	MEB	DATE:	4/20/14

Parent and Daughter Compound Trends in Groundwater (1Q14)

Michigan Plaza
3801 - 3823 Michigan Street
Indianapolis, Indiana

FIGURE 13



LEGEND

B1 Mitigation System Location

N

0 SCALE 50
feet

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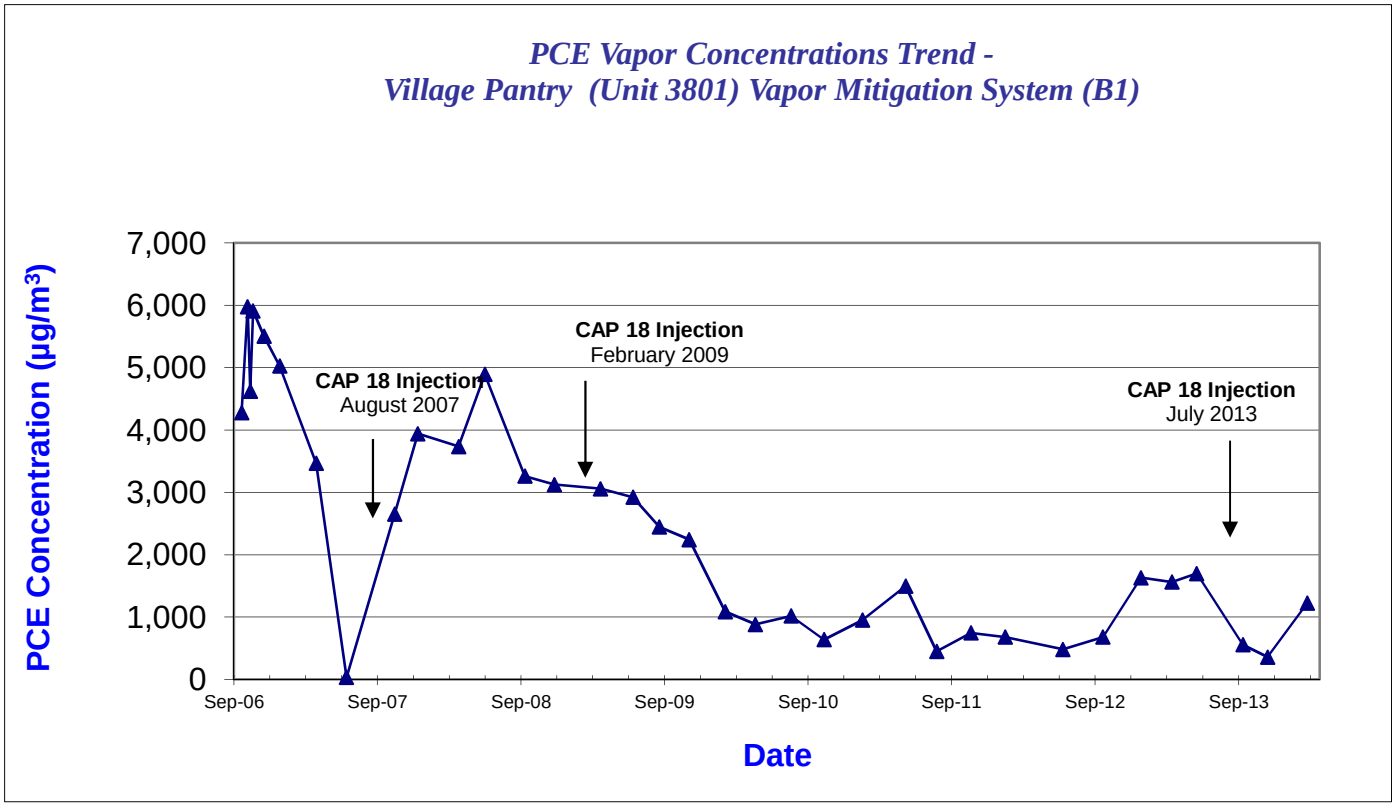
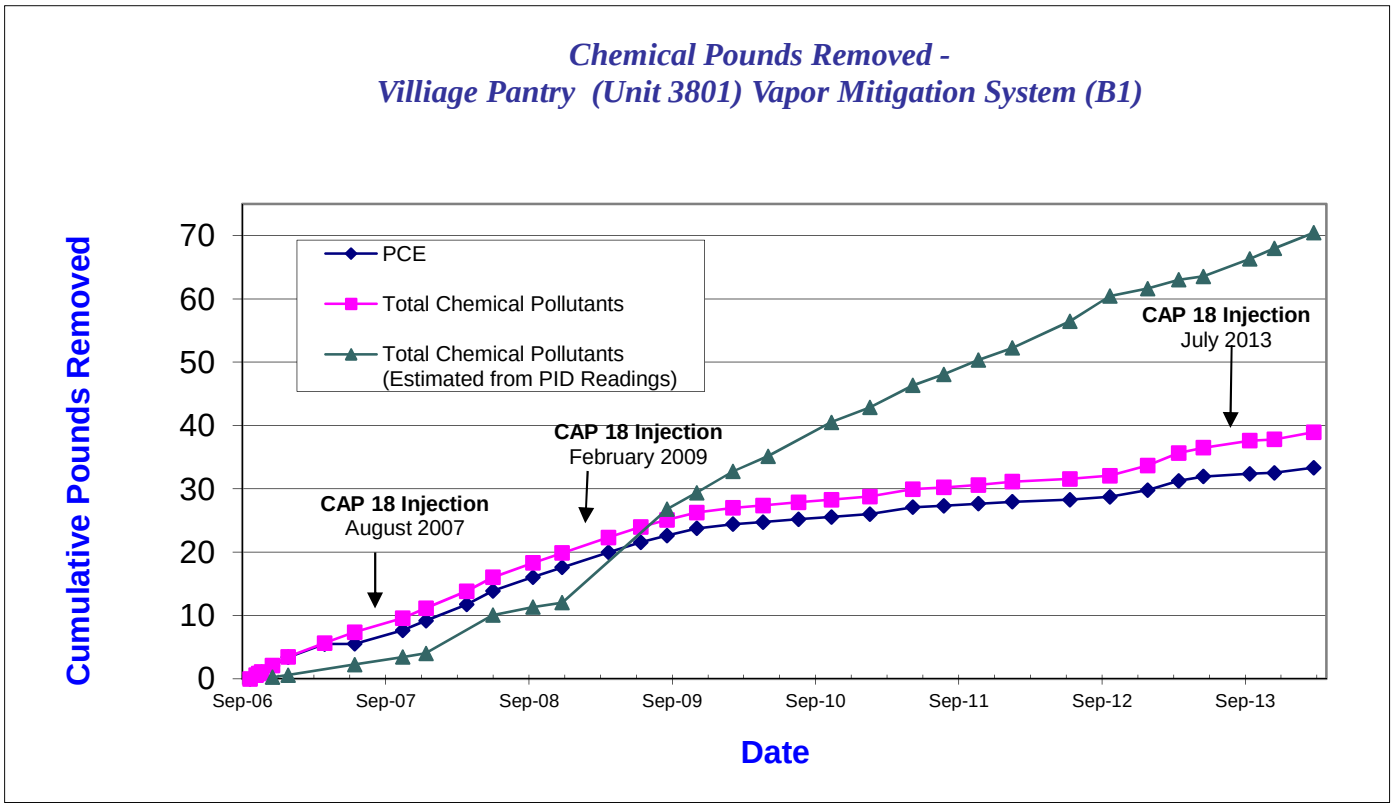
Drawing File: 1Q14 QMR
Date Prepared: 6/7/13
Scale: 1"=50'

INDOOR AIR MITIGATION SYSTEM LOCATION MAP
Michigan Plaza
3801 - 3823 West Michigan Street
Indianapolis, INDIANA

FIGURE 14





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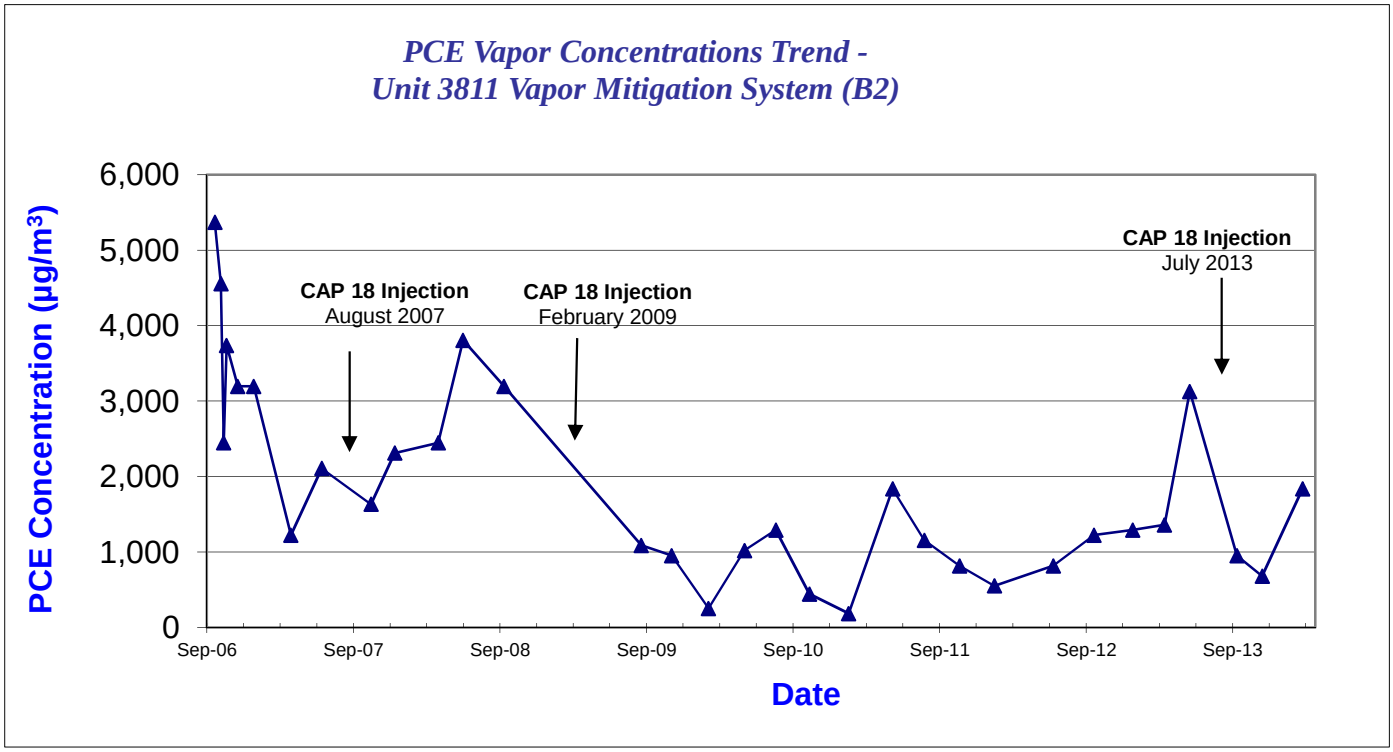
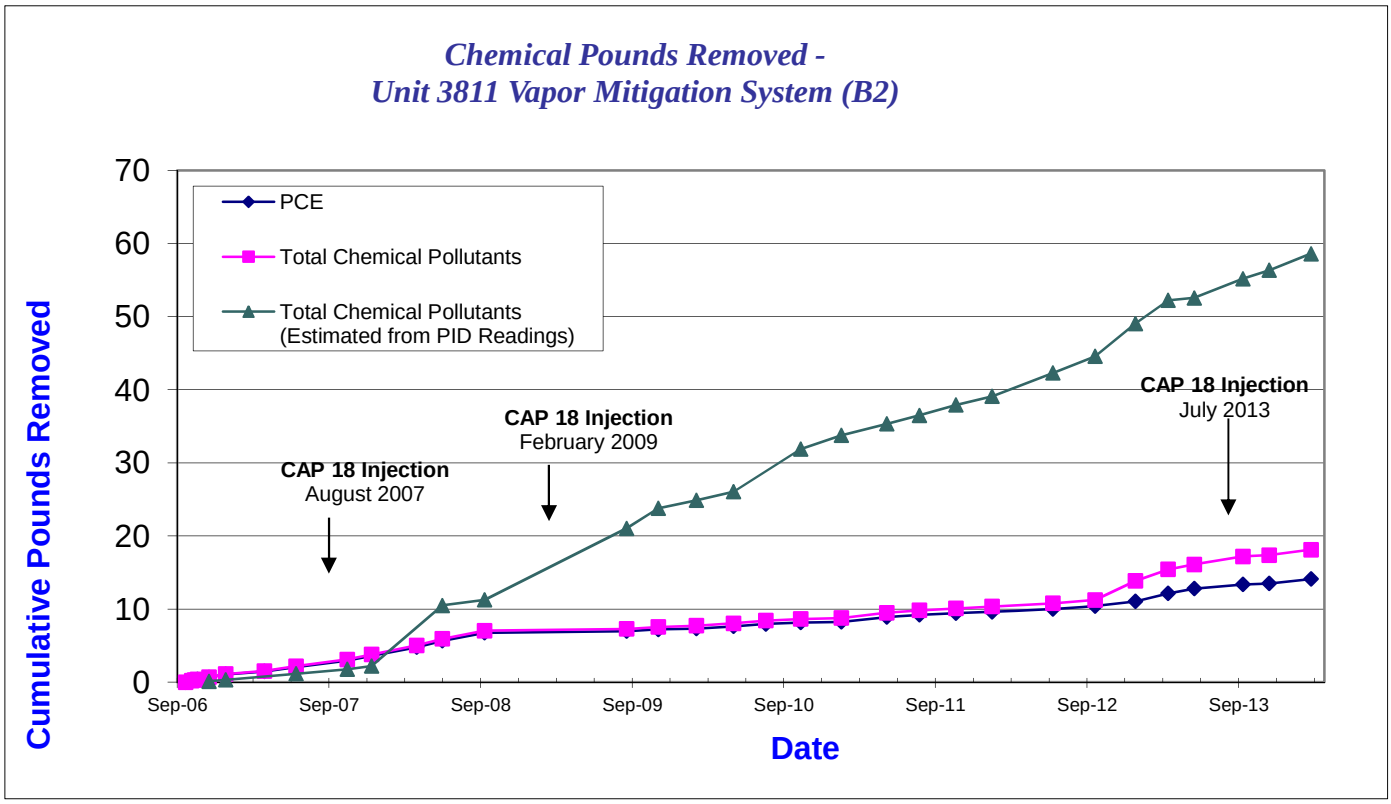
Project Number:	M01046
File:	MI Plaza charts
Date Prepared:	4/1/2014
Scale:	no scale

PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-1 (Villiage Pantry - Unit 3801)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE
15





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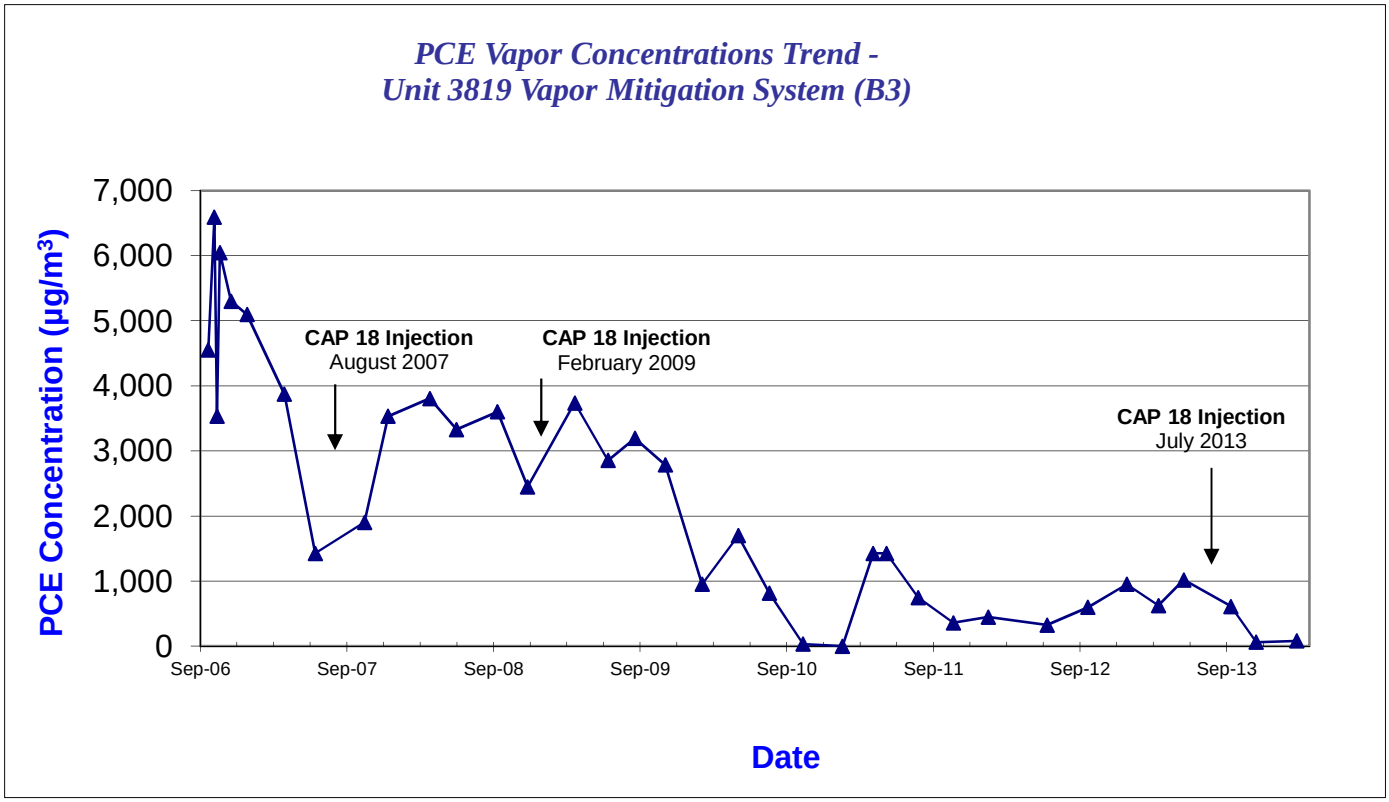

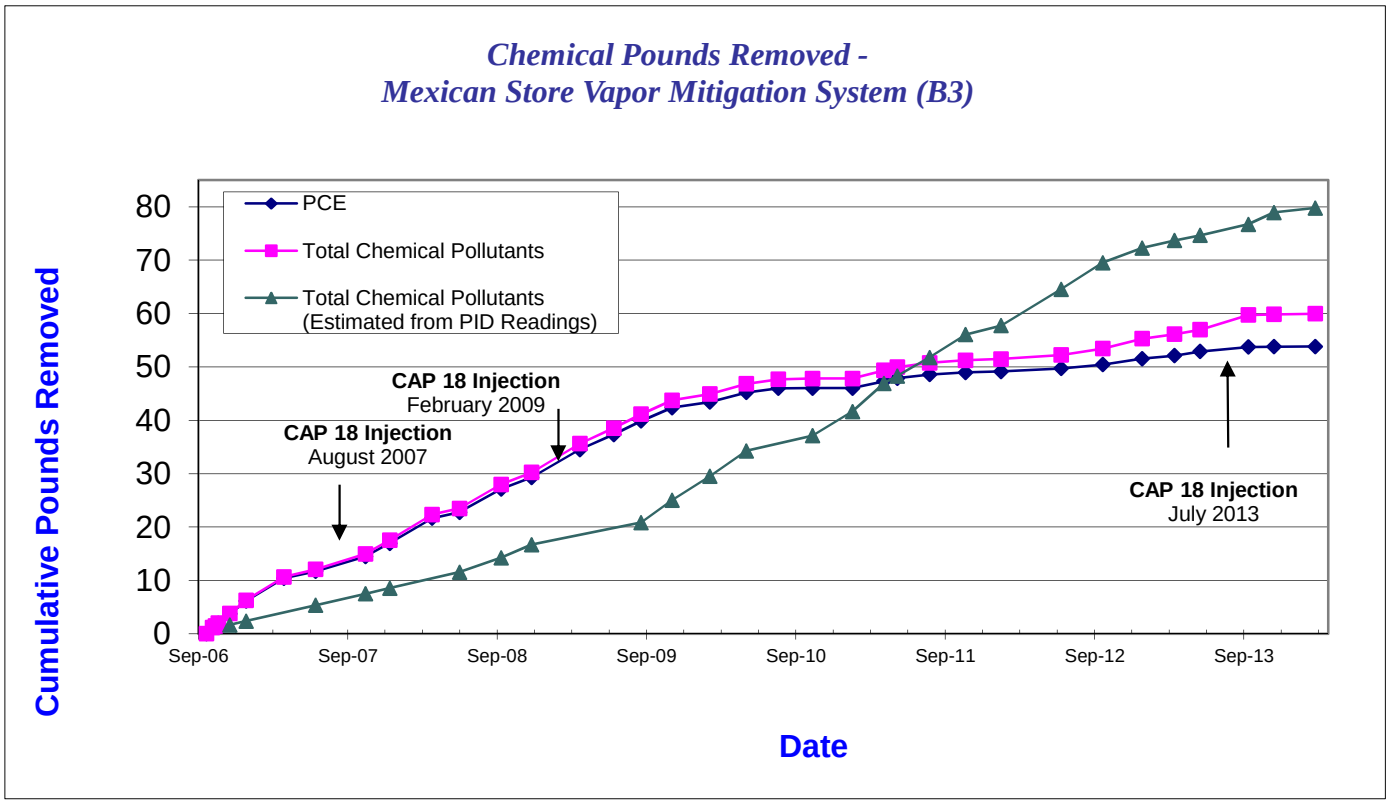

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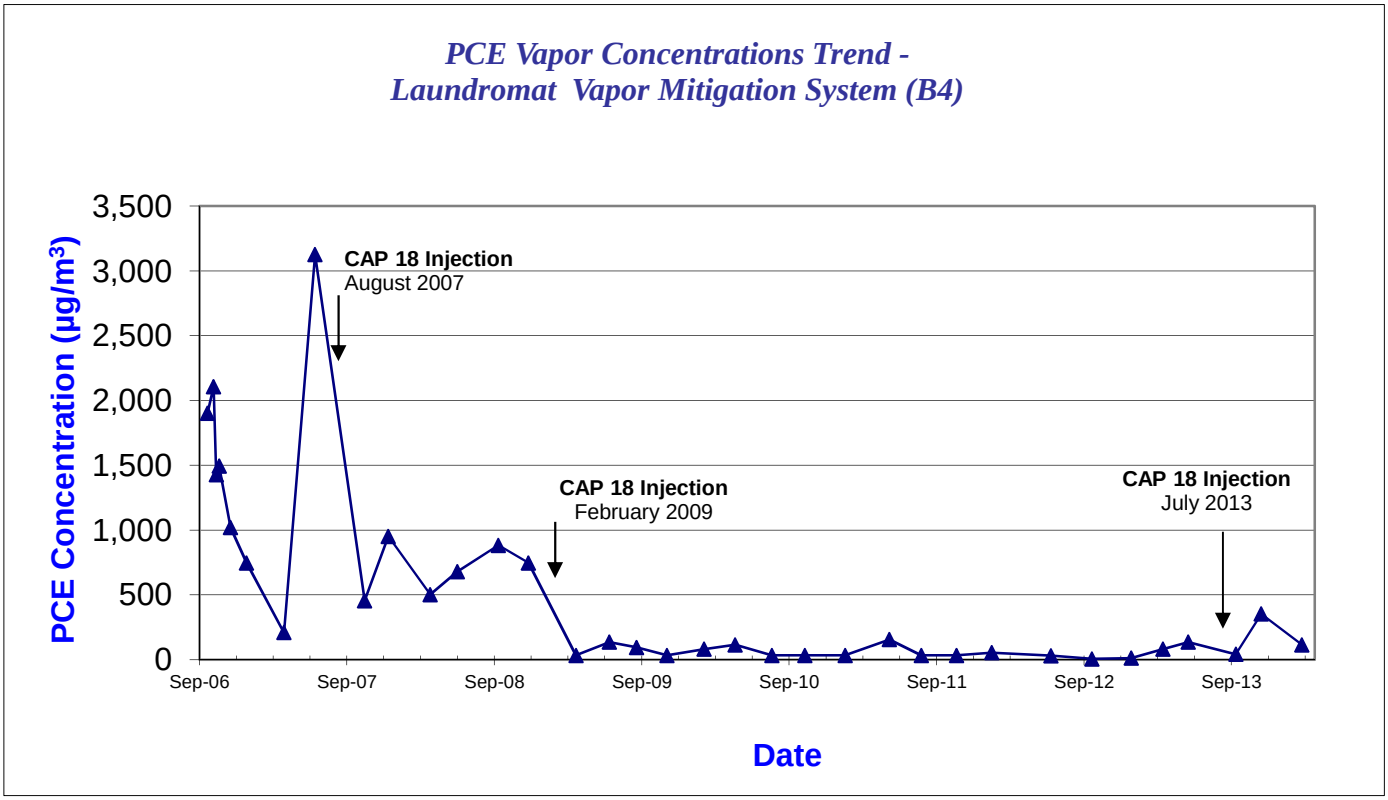
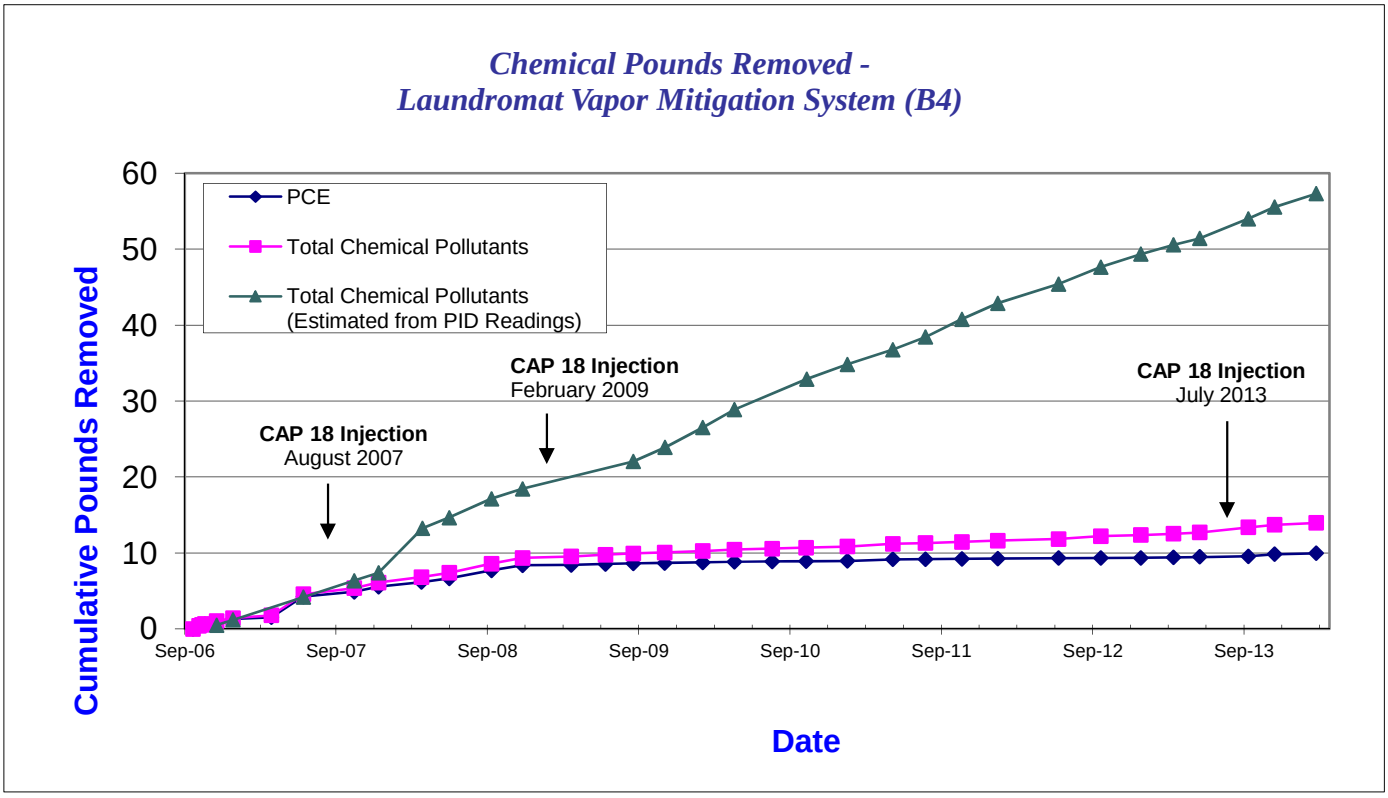
PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-3 (Unit 3819)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

17





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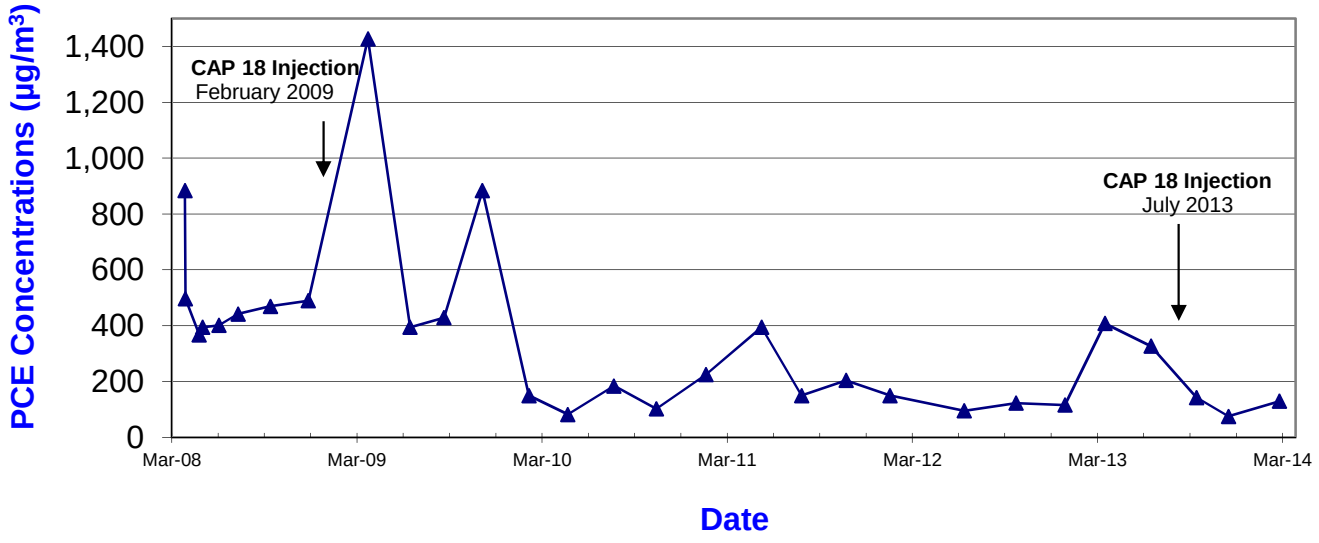
PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-4 (Laundromat - Unit 3823)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

18

PCE Vapor Concentrations Trend - Apartment Building 1 Vapor Mitigation System (B5)



Chemical Pounds Removed - Apartment Building 1 Vapor Mitigation System (B5)

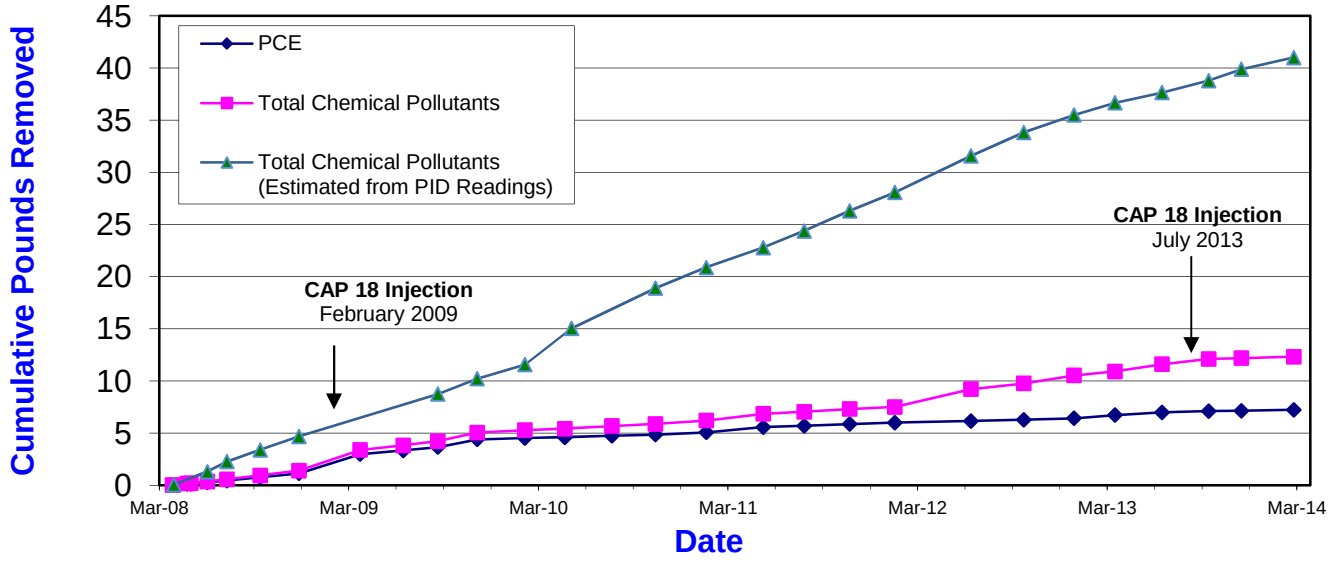


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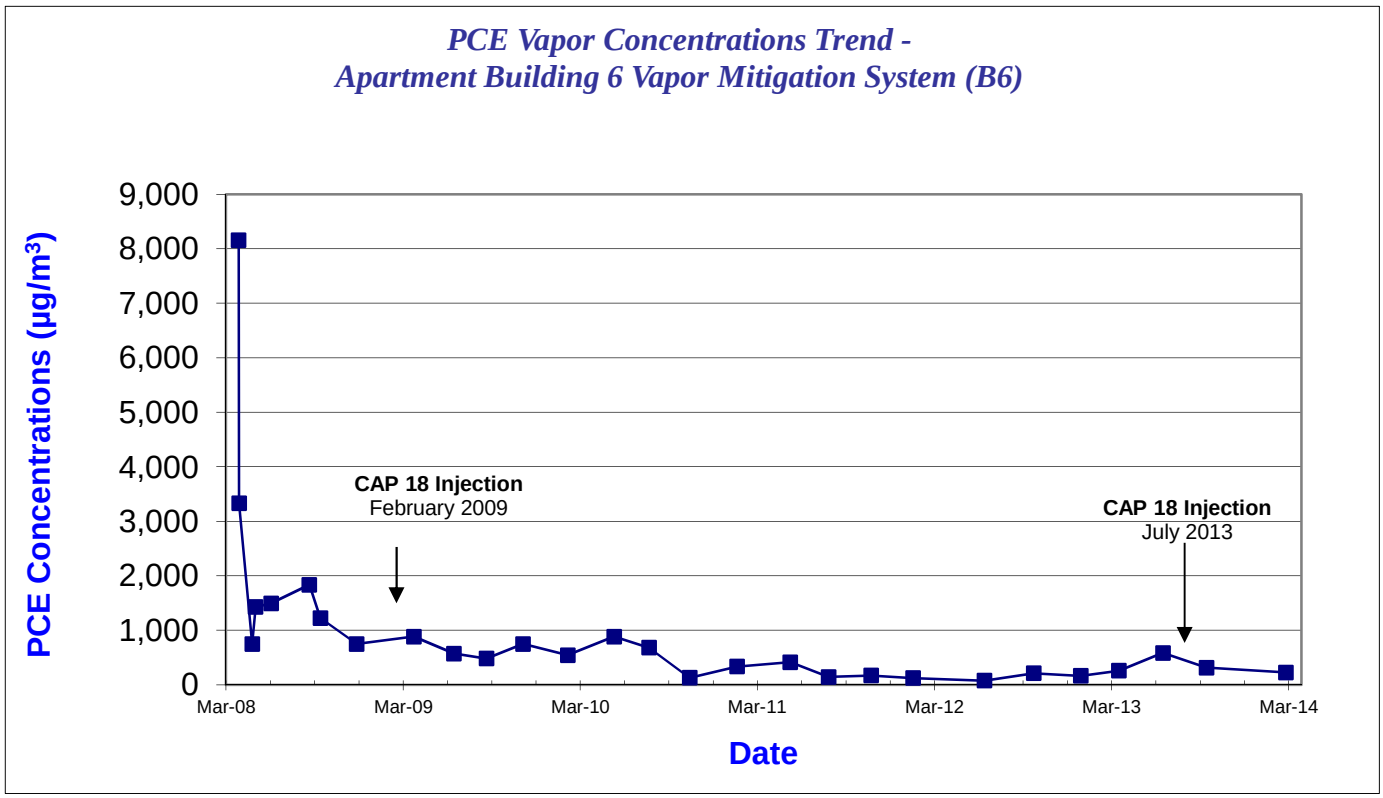
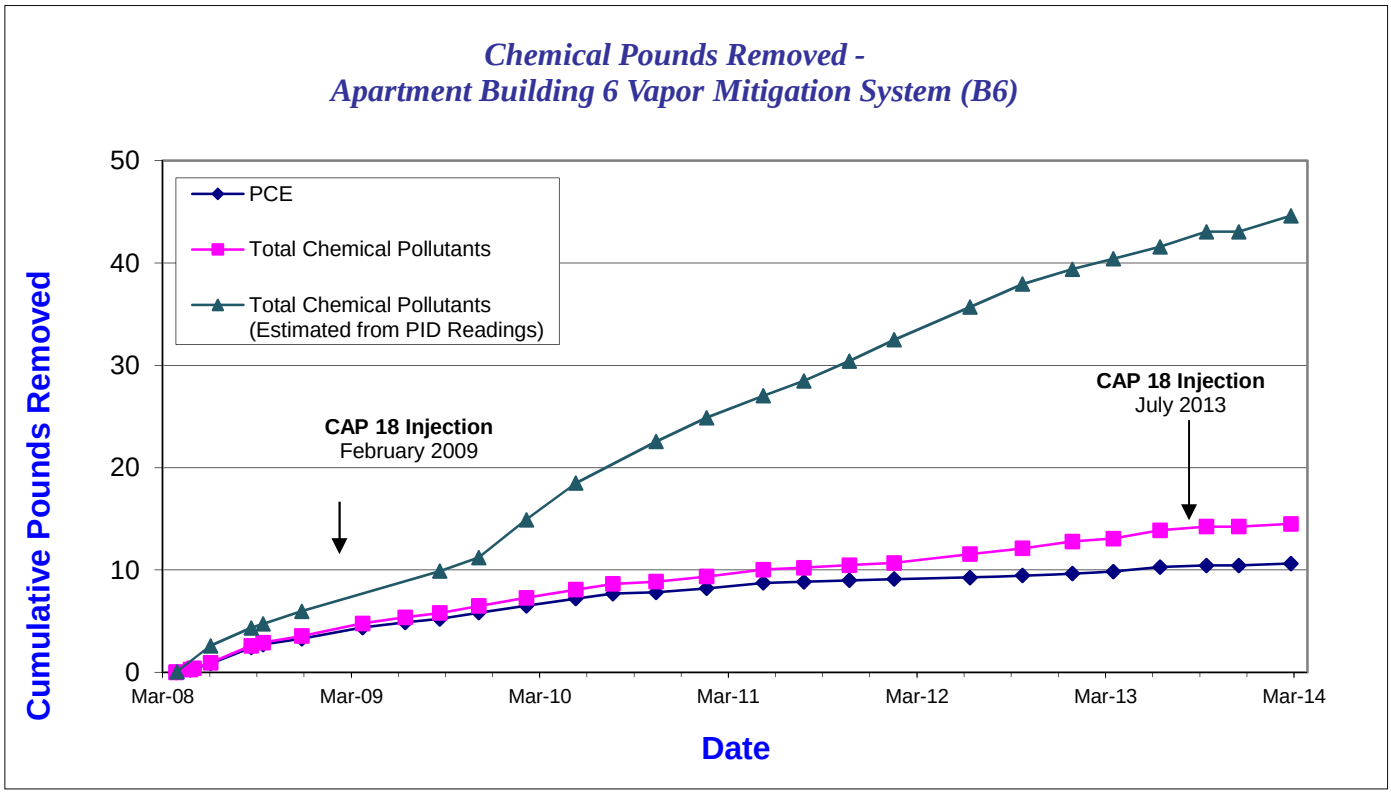
FIGURE

19





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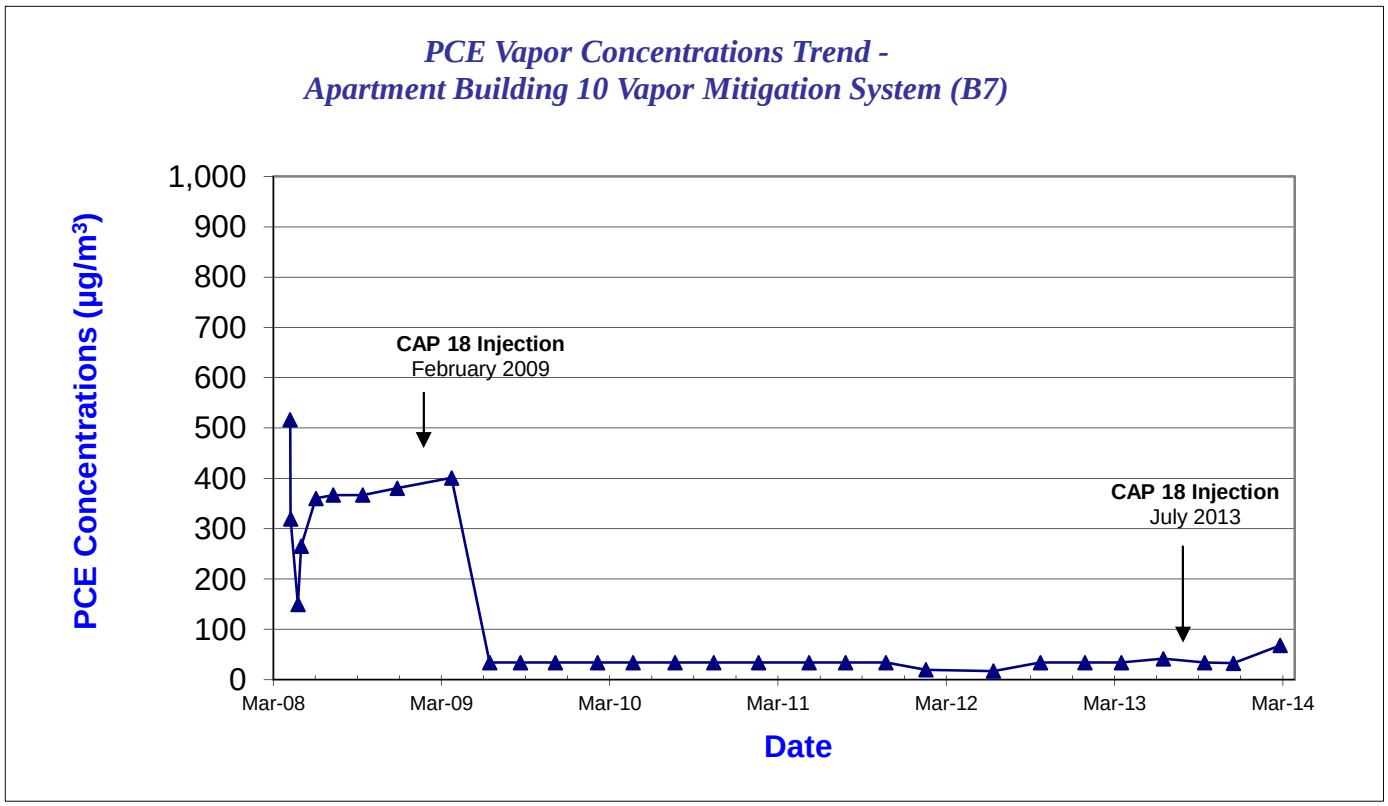
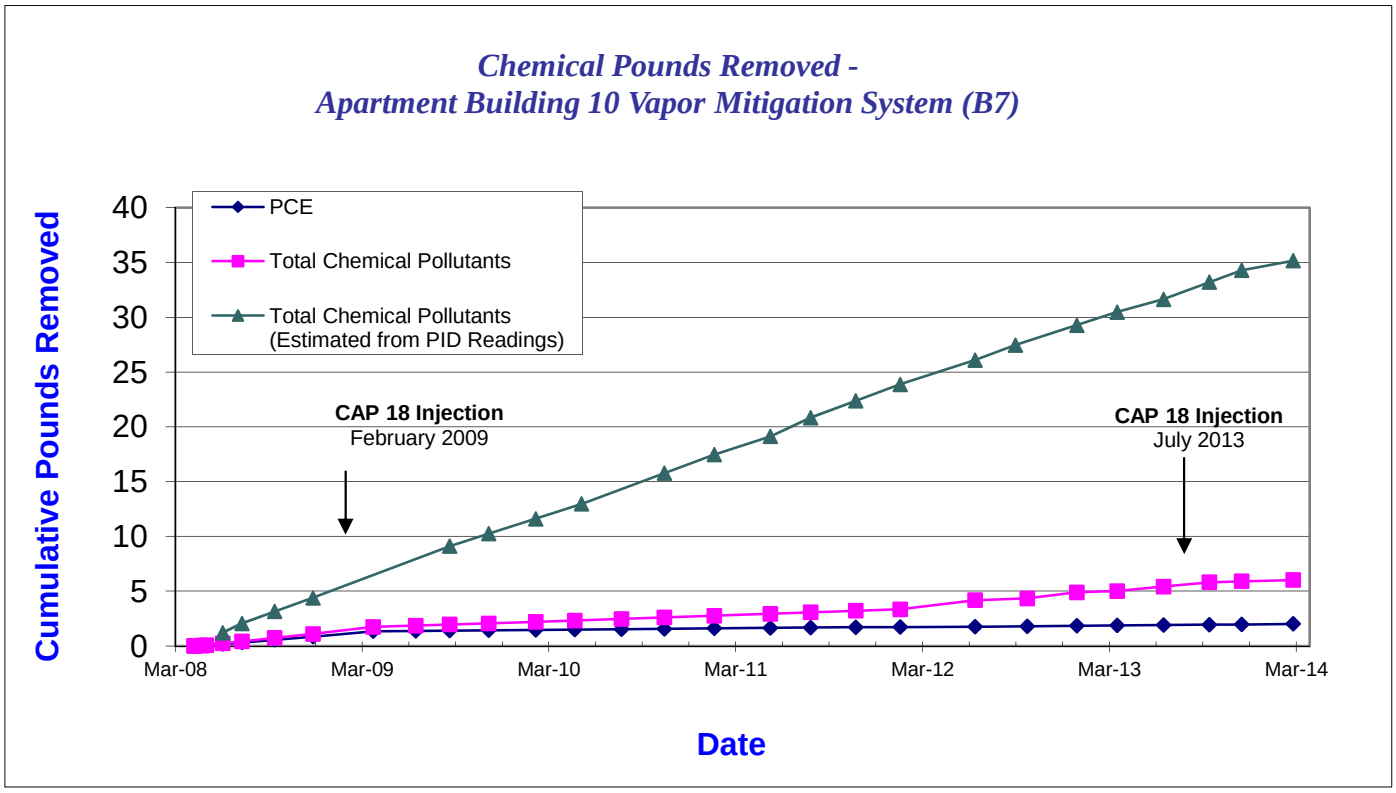
PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-6 (Apartments, Bldg. 6)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

20





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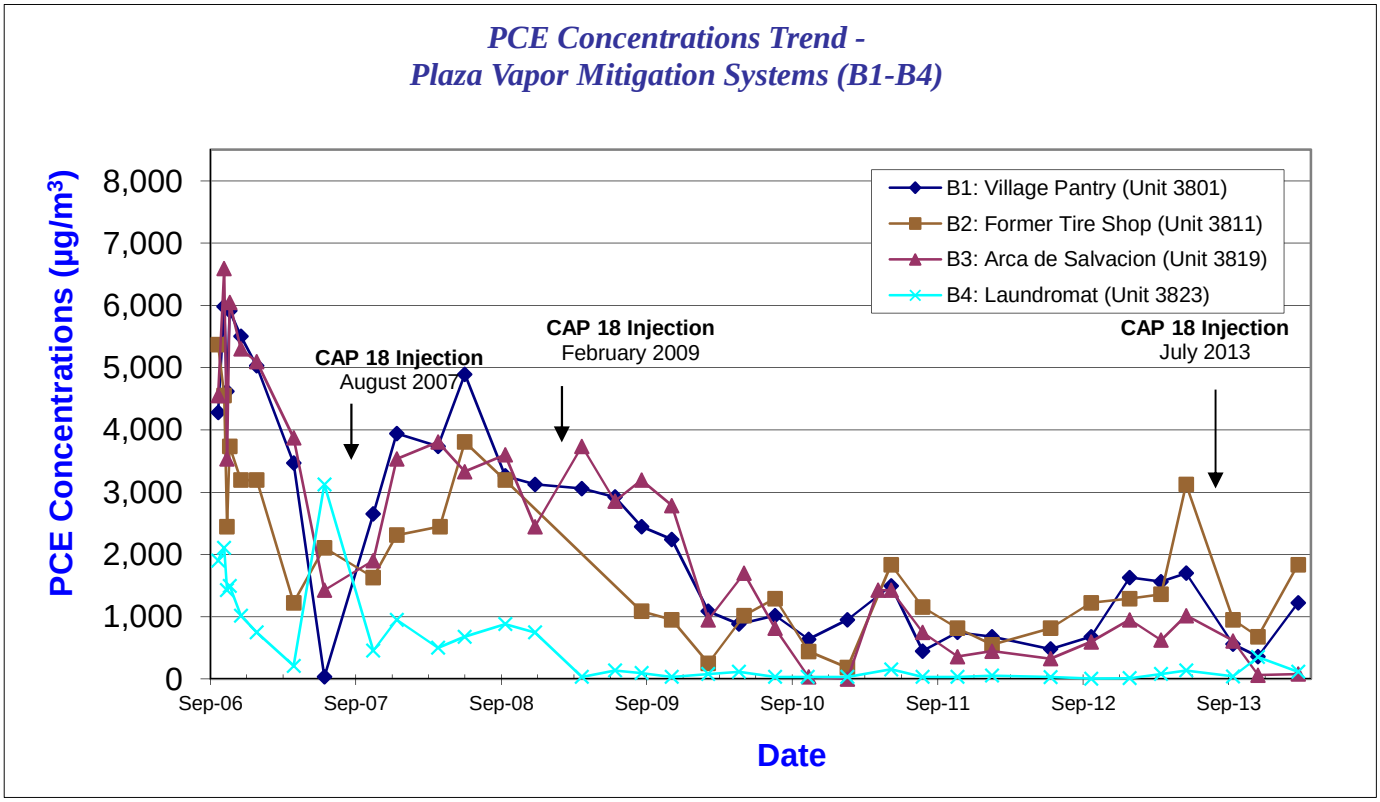
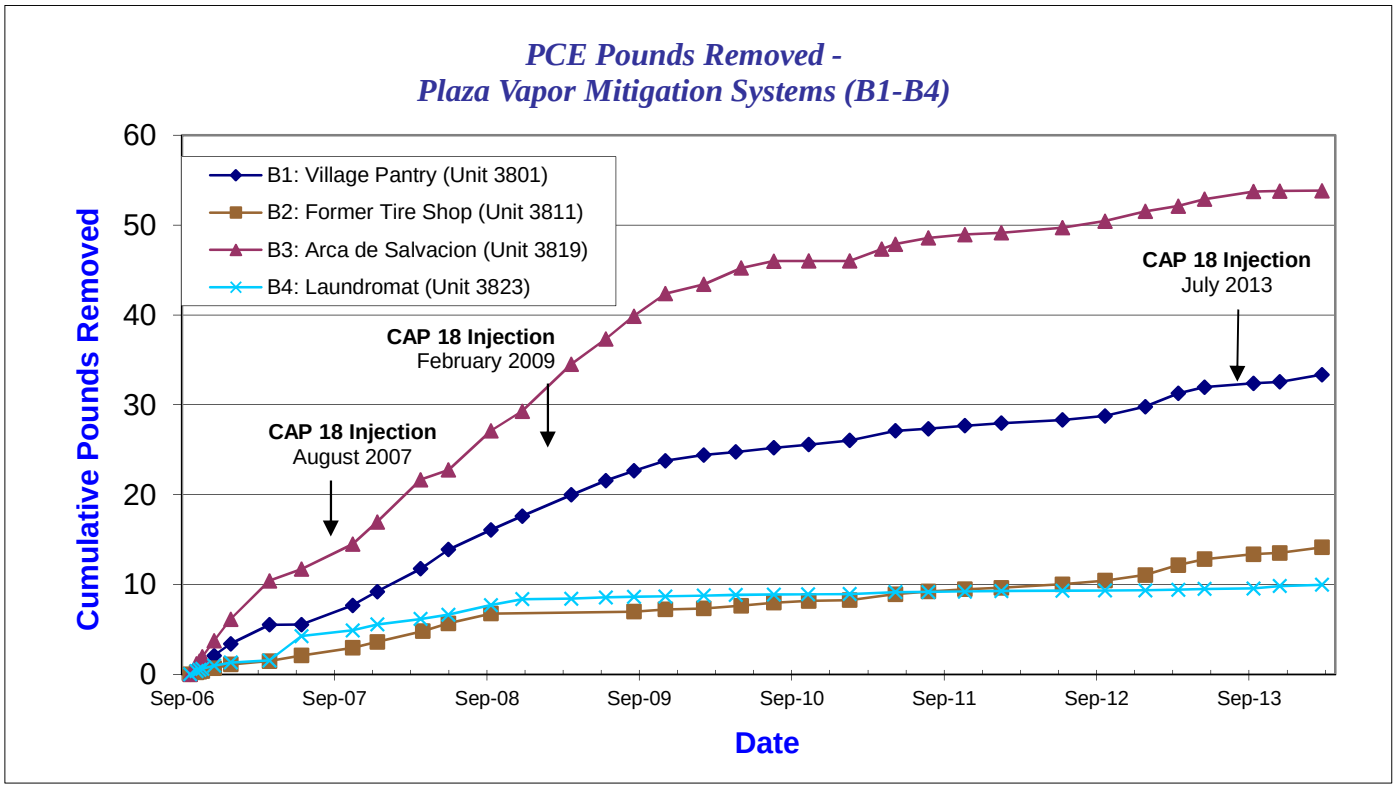
PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-7 (Apartments, Bldg. 10)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

21





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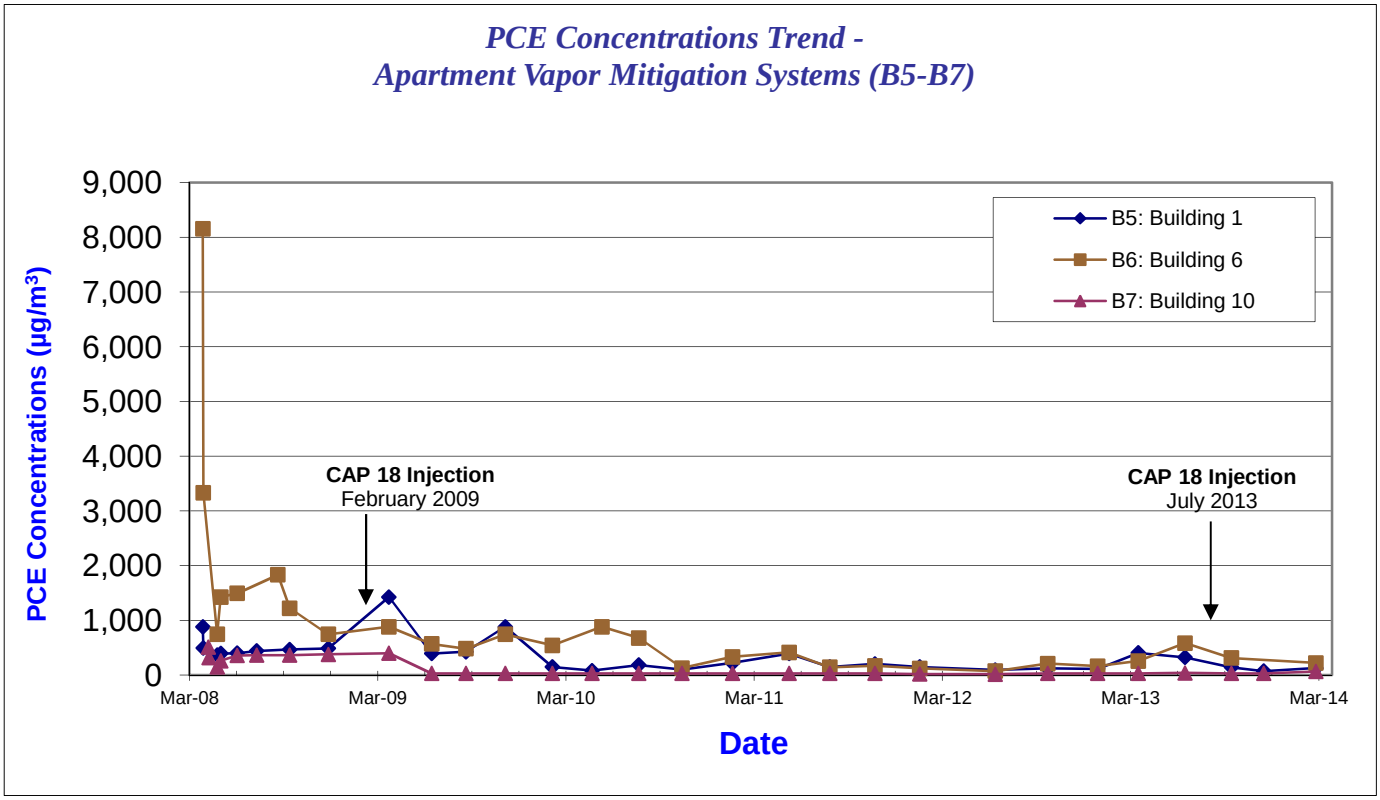
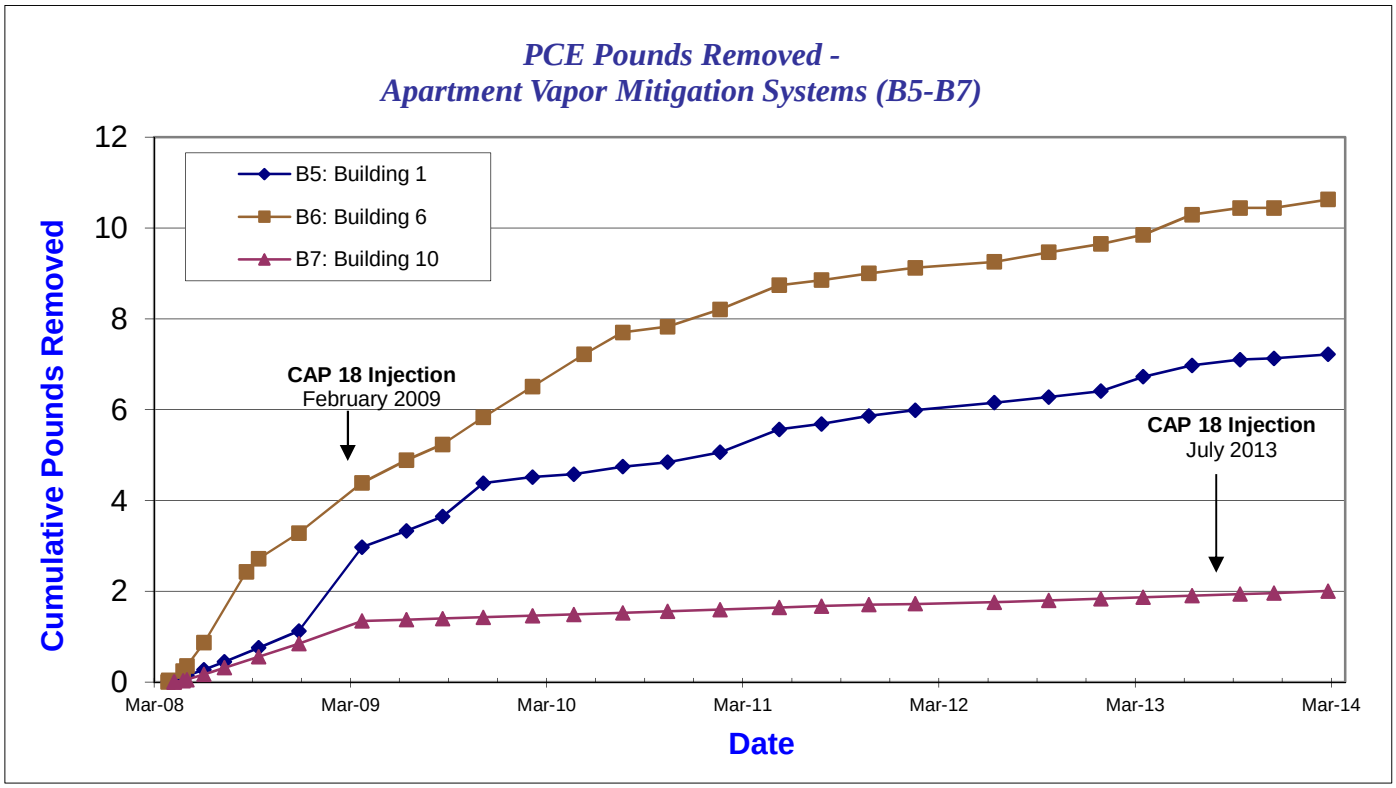
PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation Systems B1-B4
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

22





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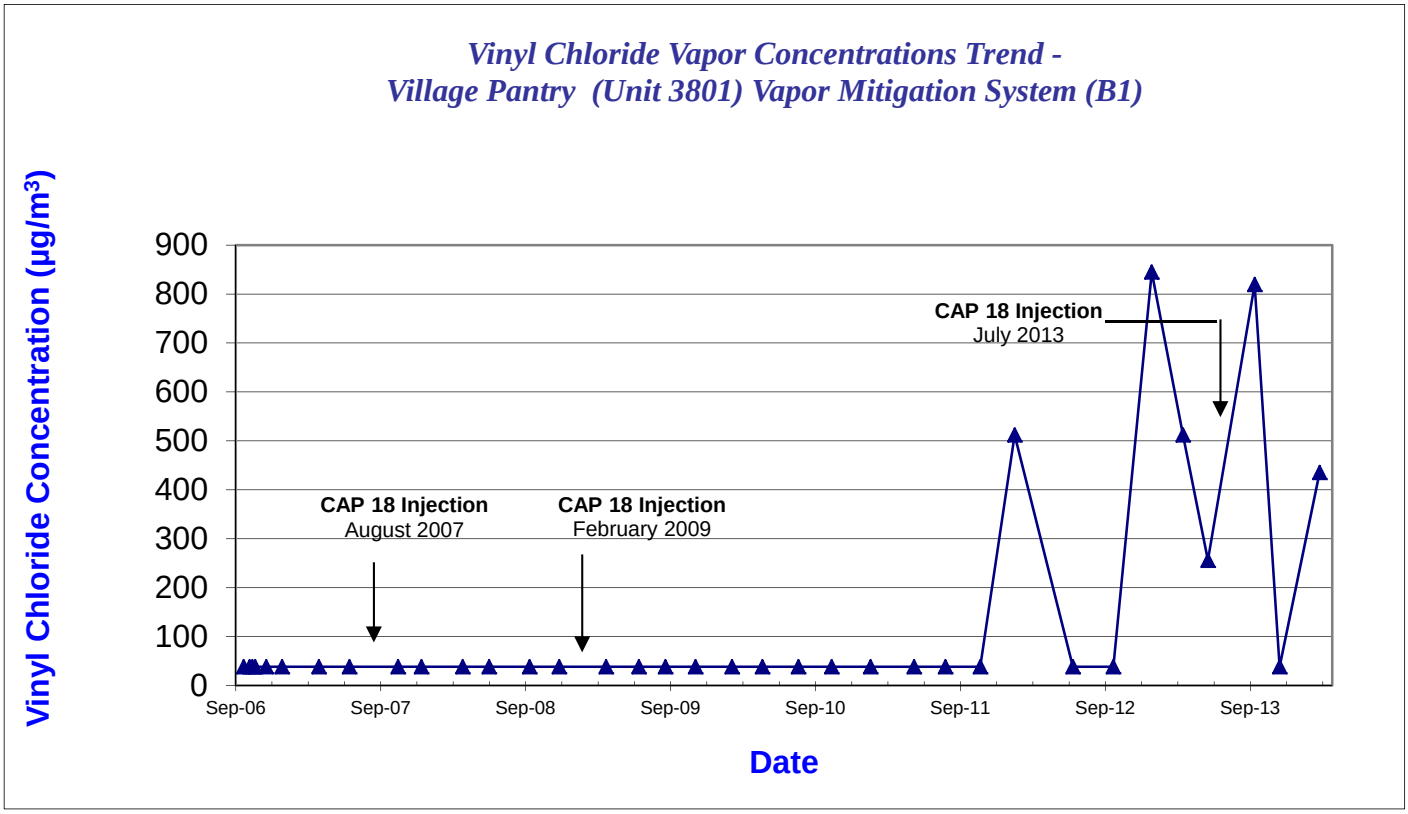
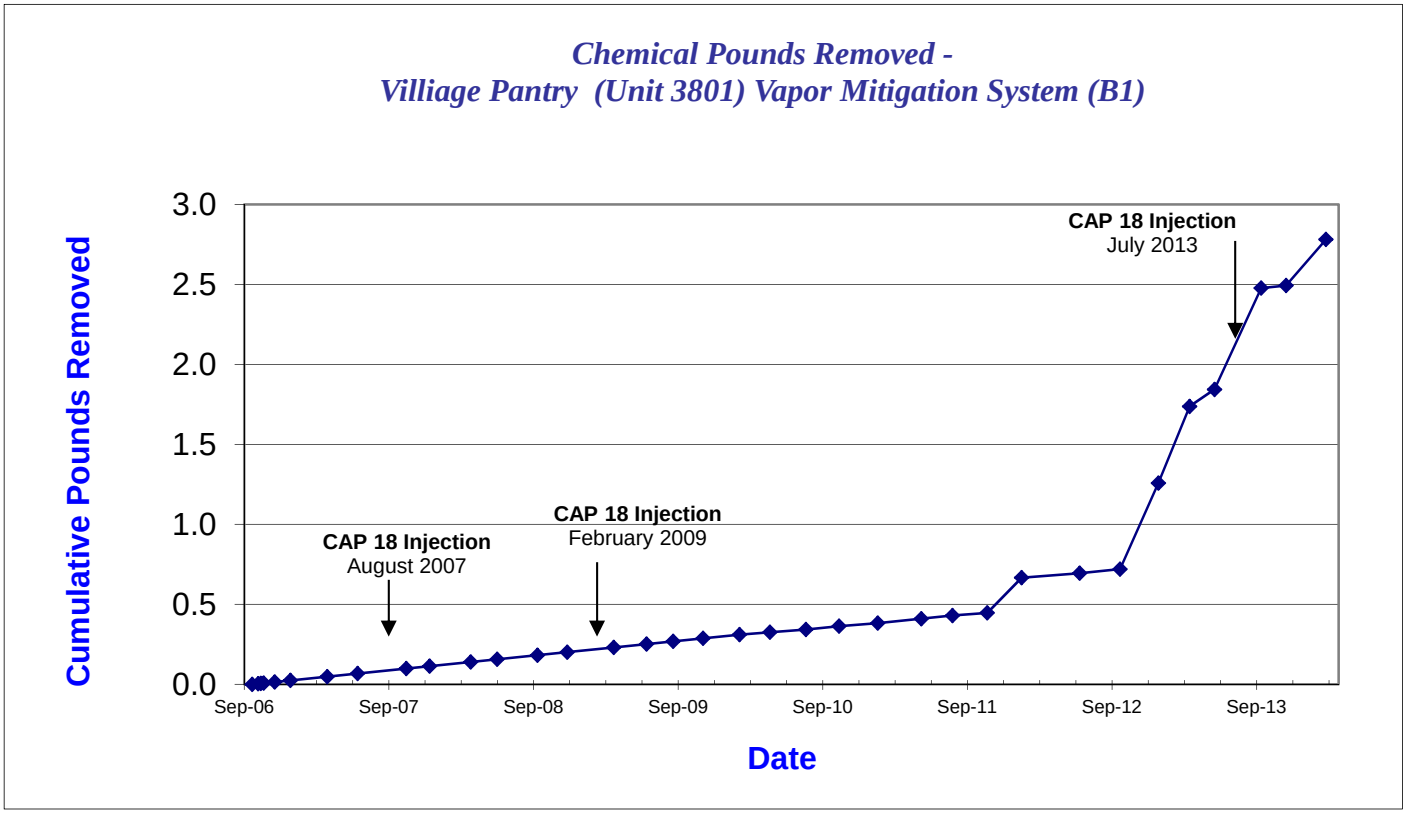
PCE Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation Systems B5-B7 (Apartments)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

23





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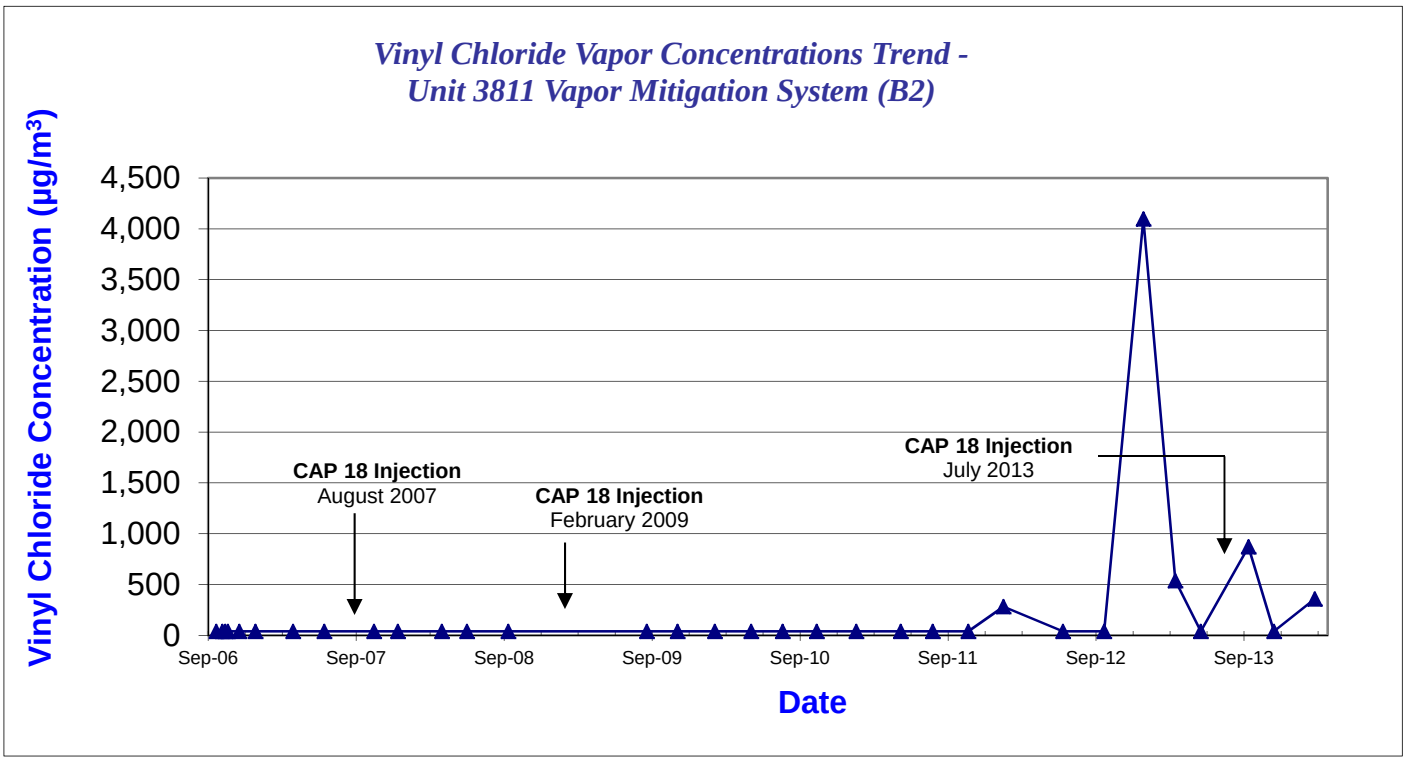

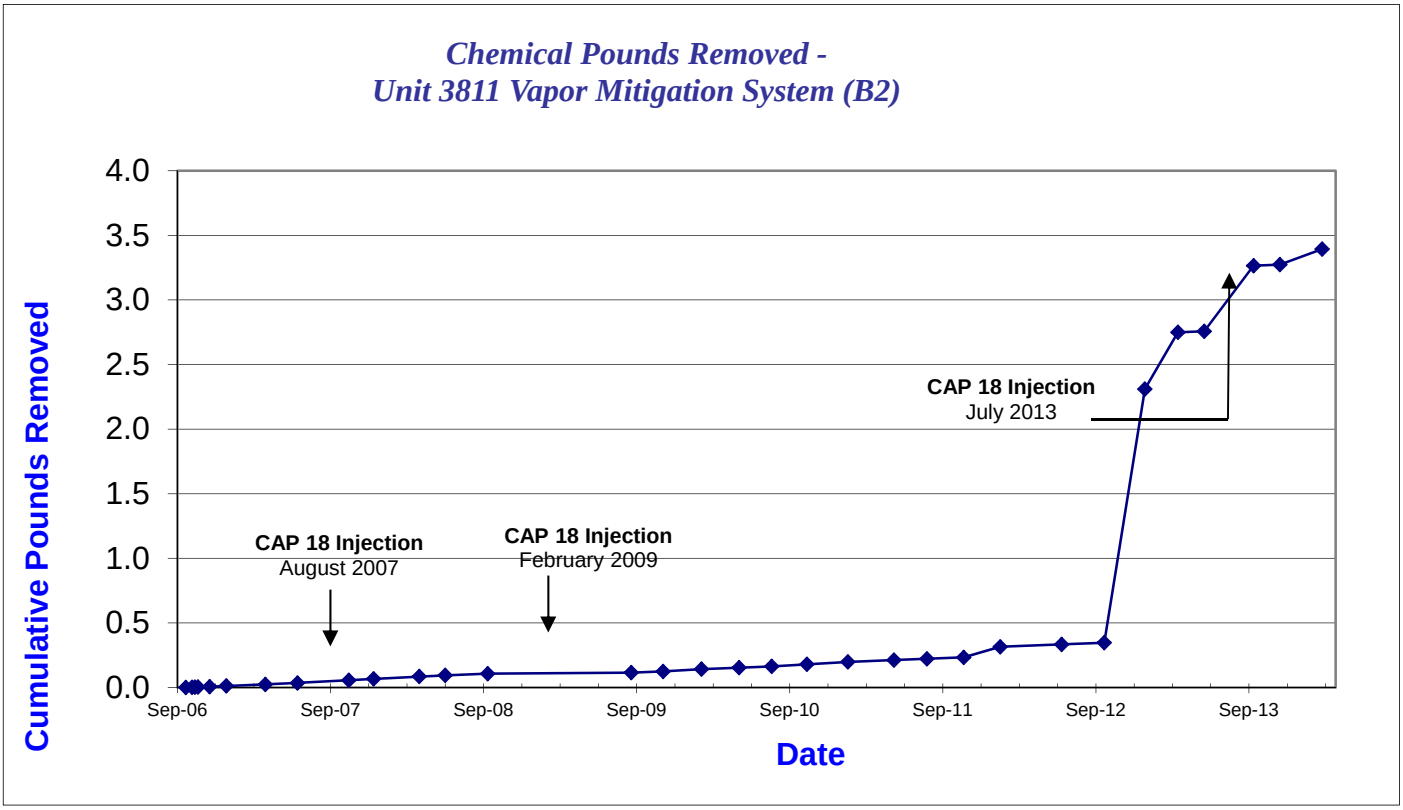

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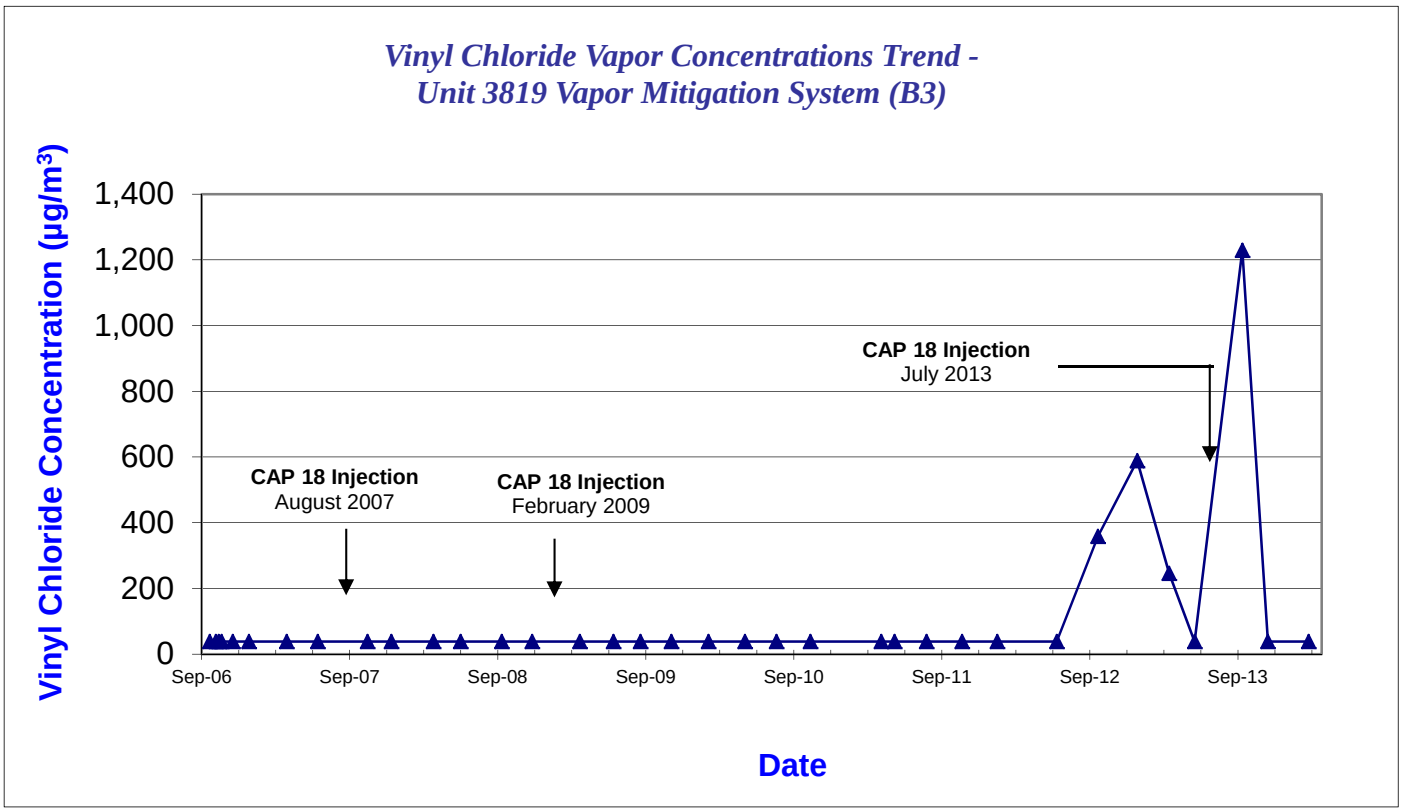
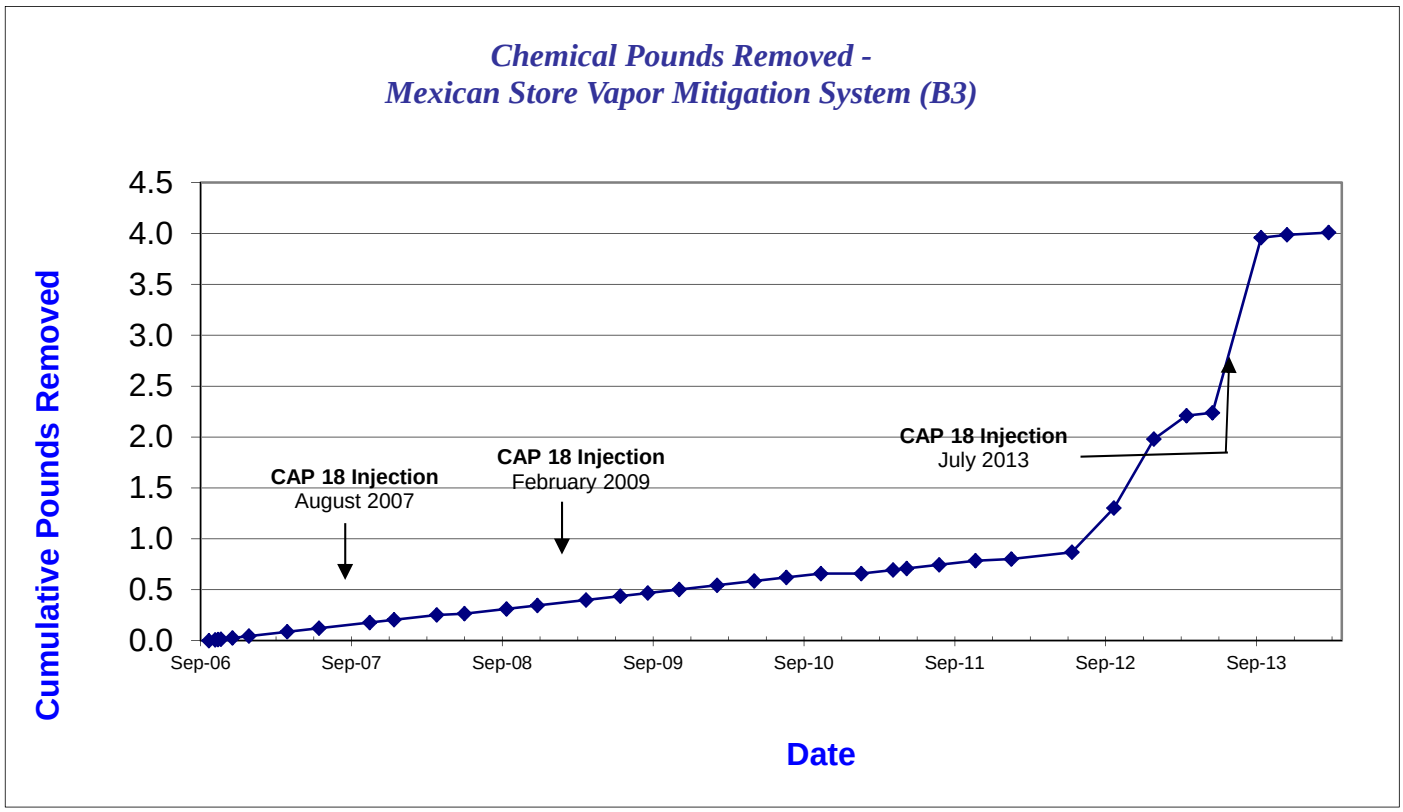
Date Prepared:	4/1/2014
Scale:	no scale

Vinyl Chloride Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-2 (Unit 3811)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

25





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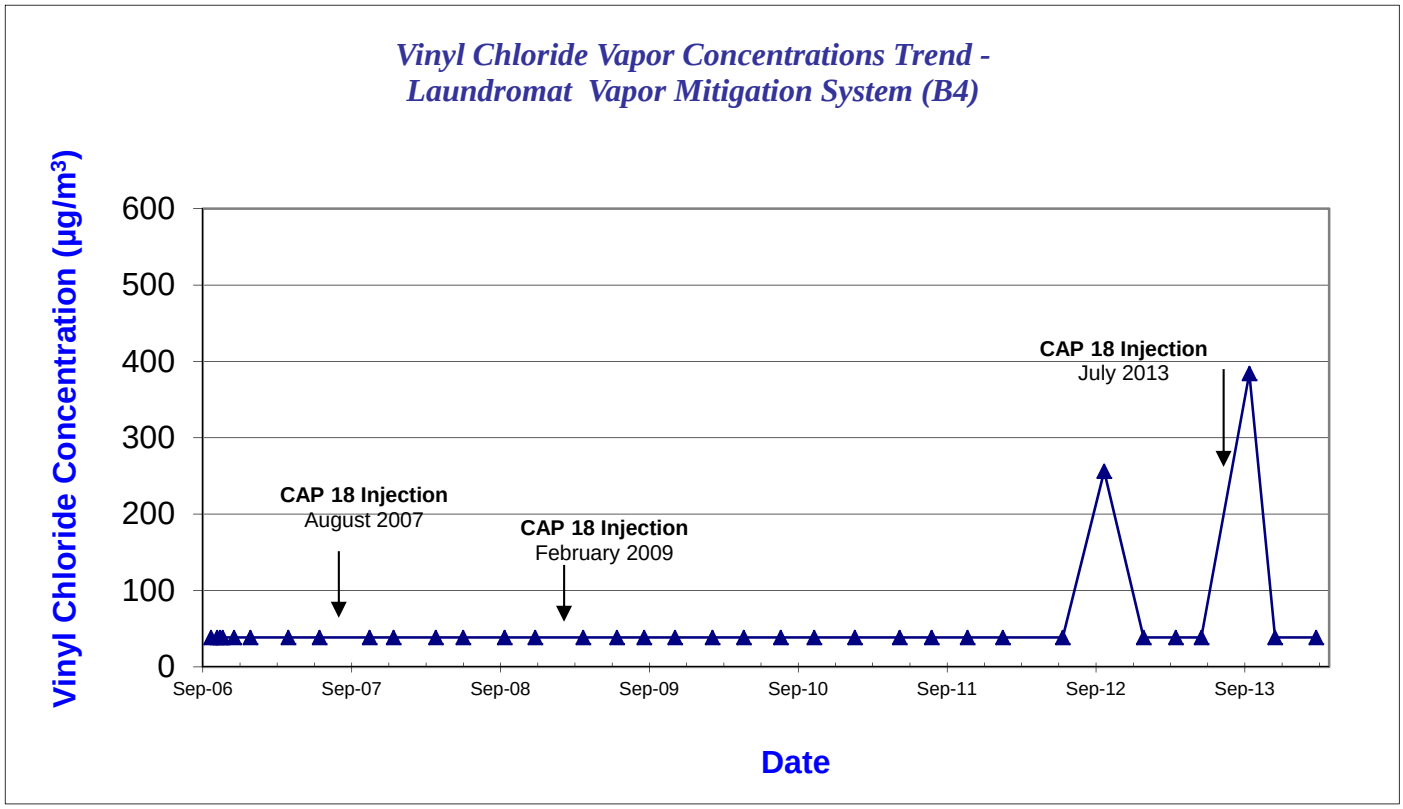
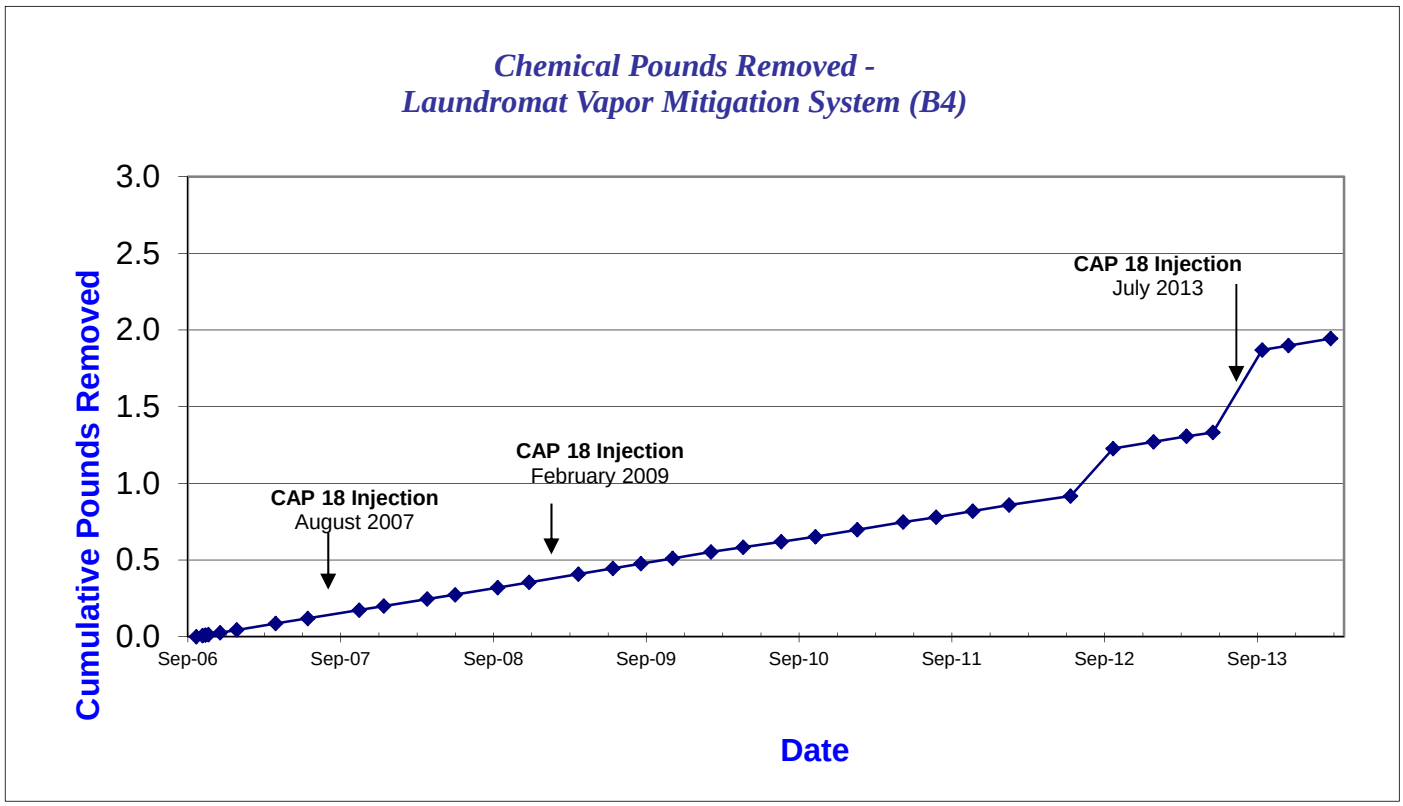
Date Prepared:	4/1/2014
Scale:	no scale

Vinyl Chloride Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-3 (Unit 3819)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

26





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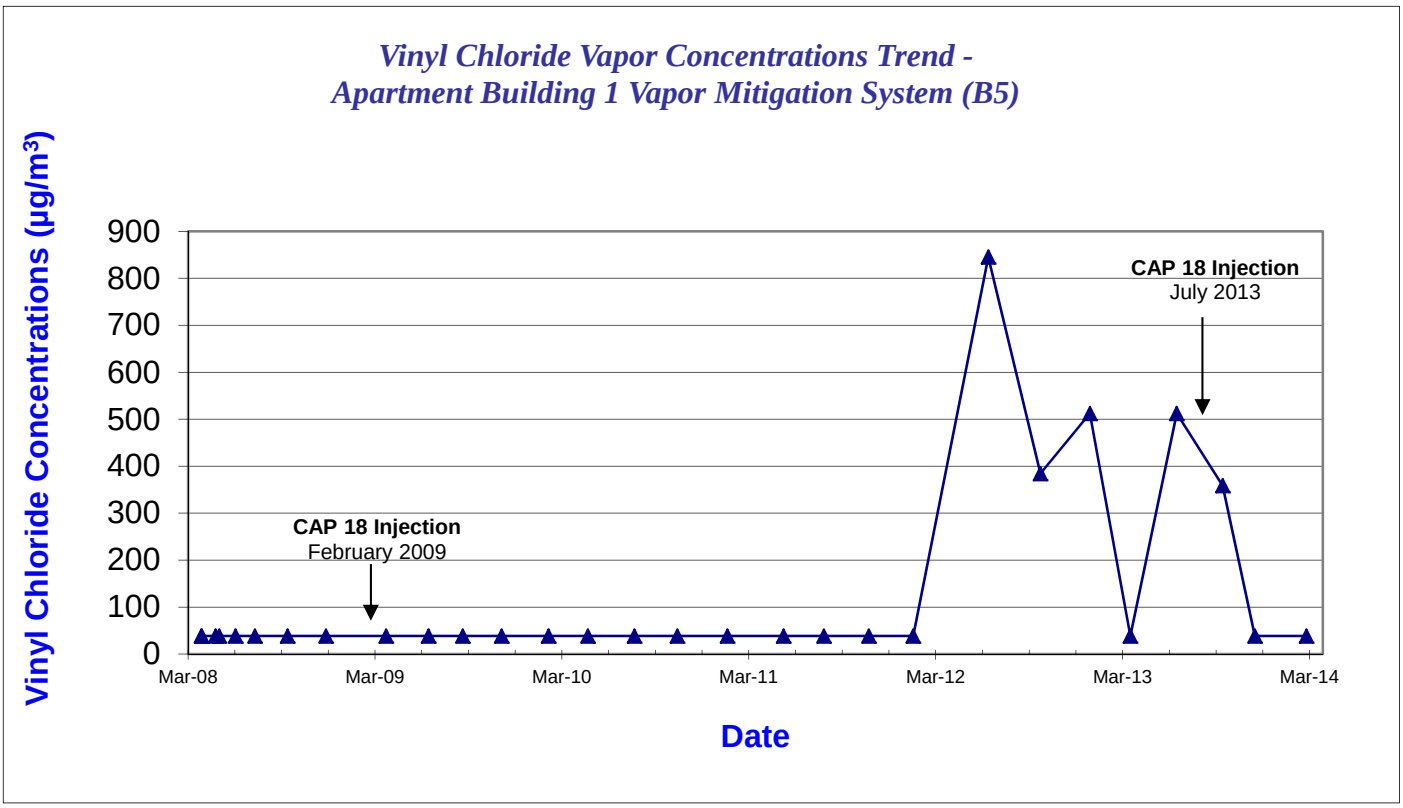
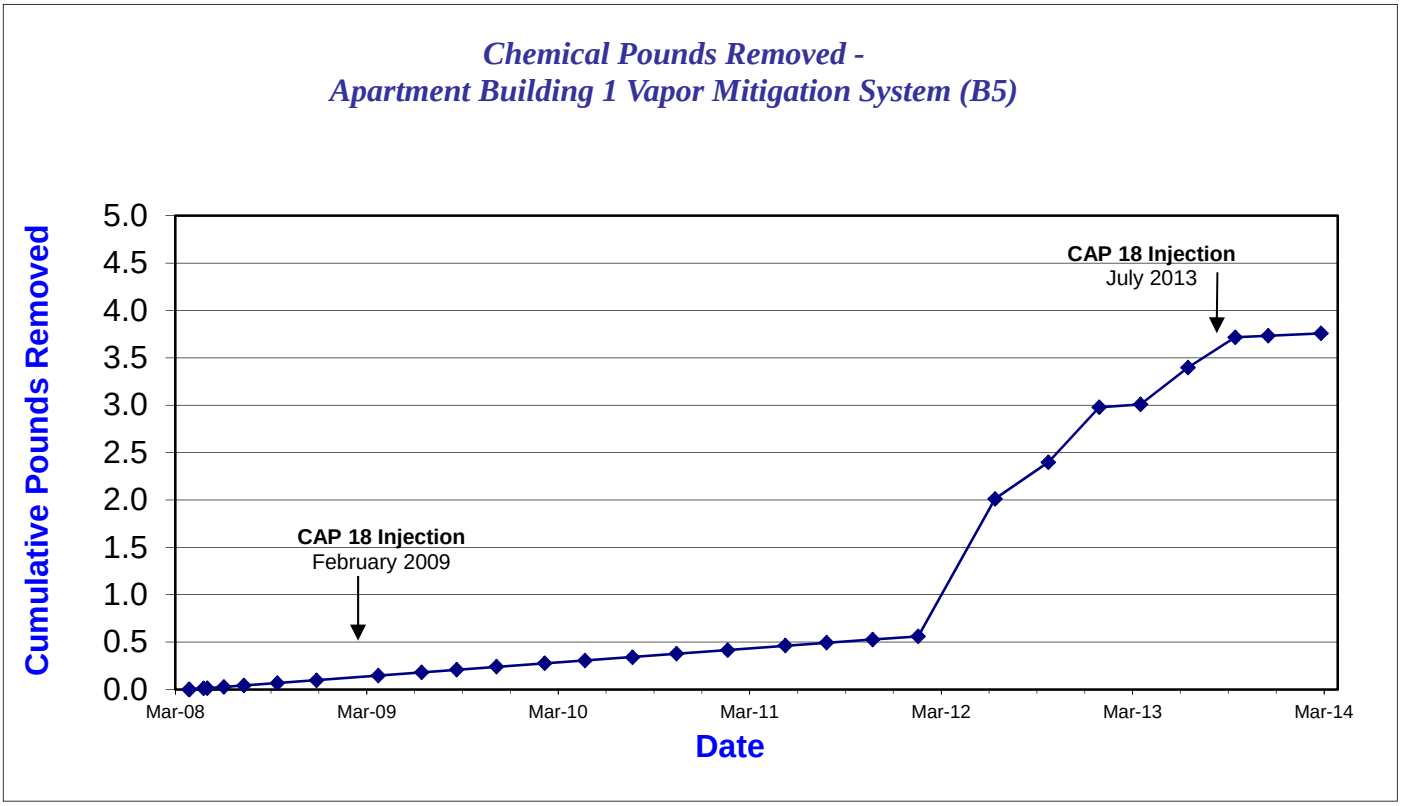
File:	MI Plaza charts
Date Prepared:	4/1/2014
Scale:	no scale

Vinyl Chloride Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-4 (Laundromat - Unit 3823)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

27





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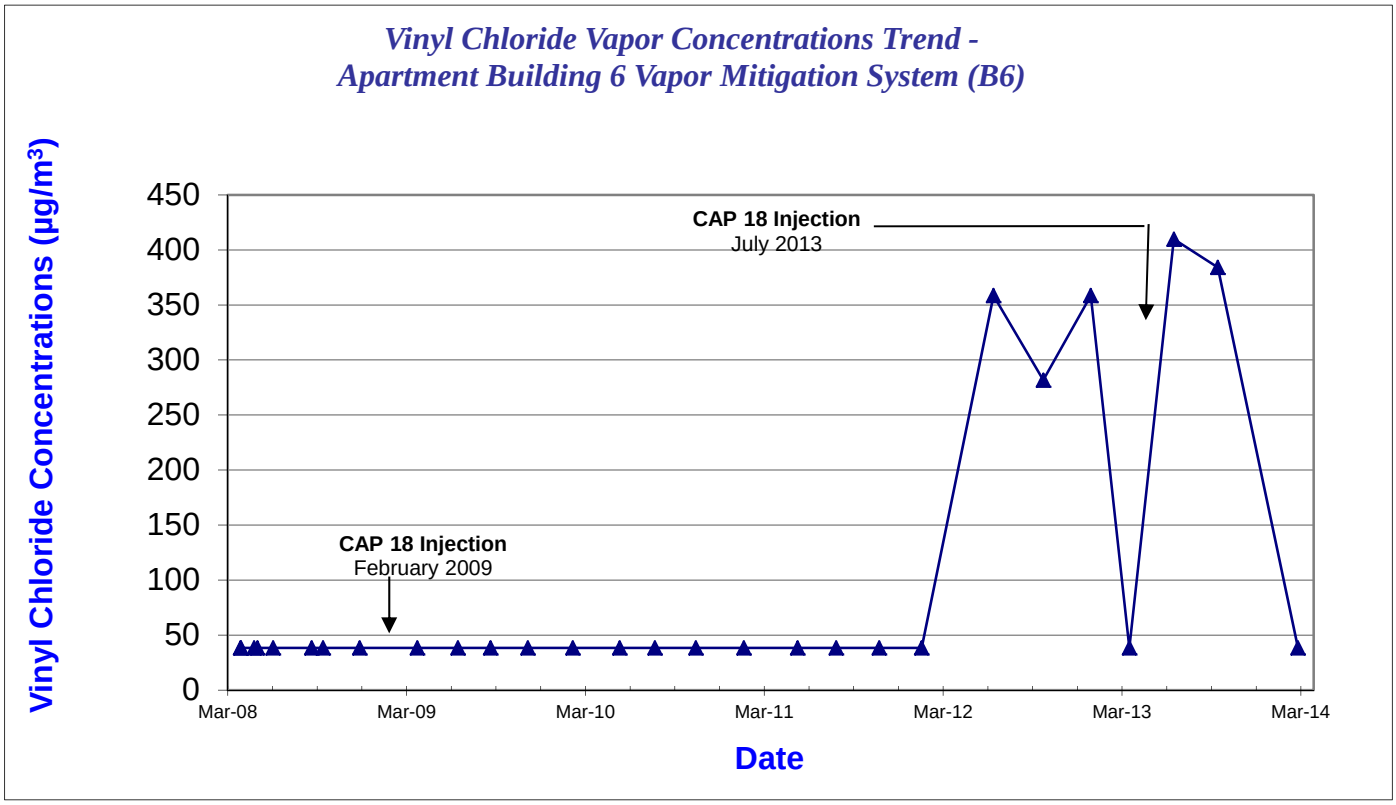
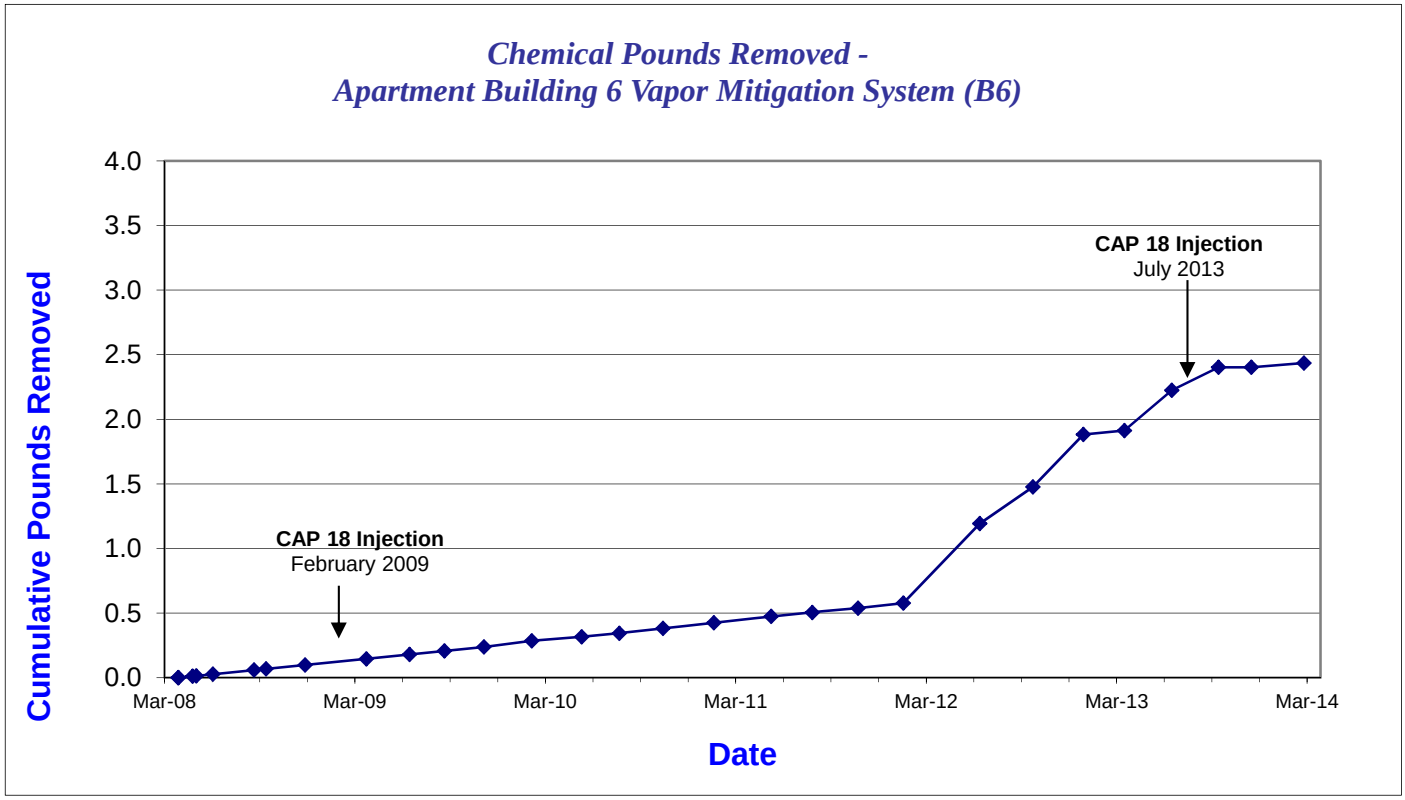
Vinyl Chloride Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-5 (Apartments, Bldg. 1)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

28





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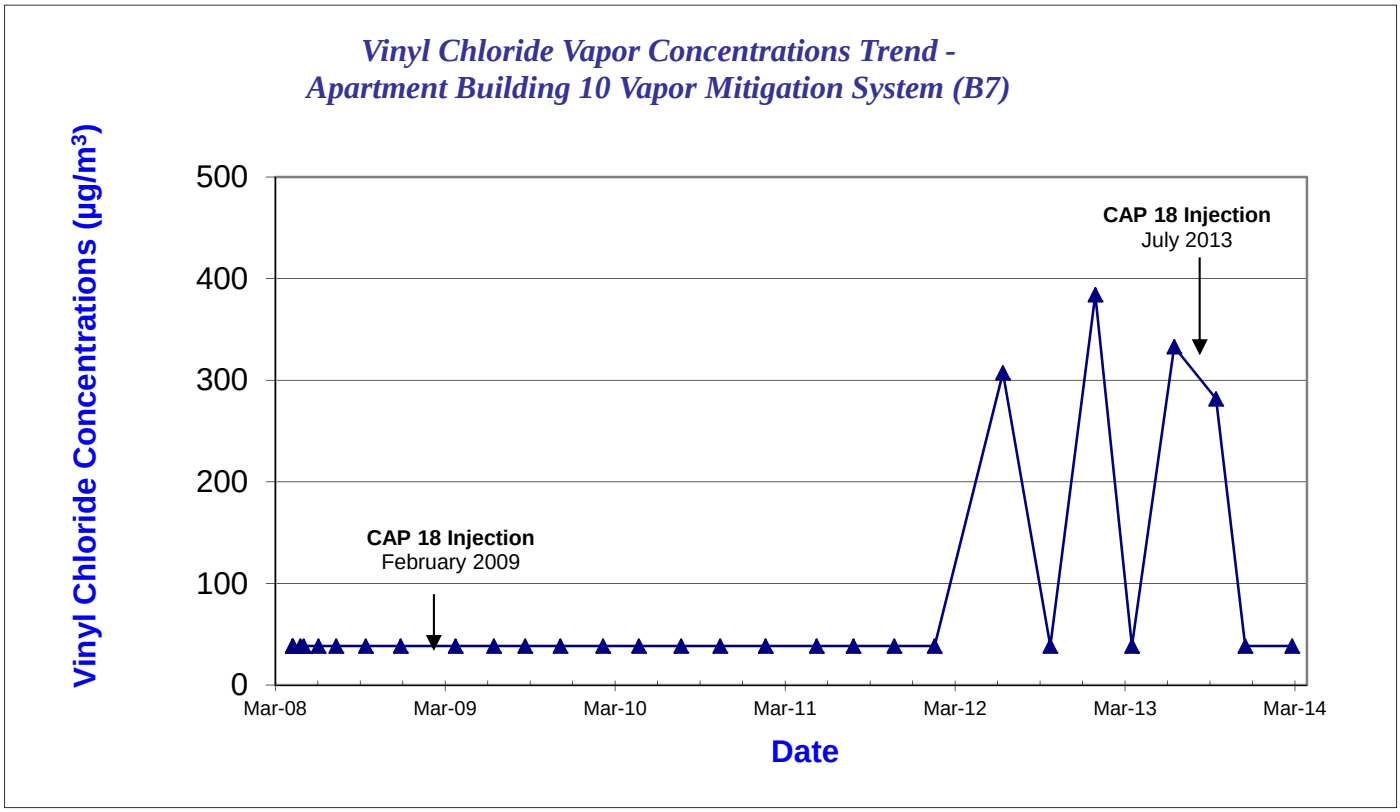
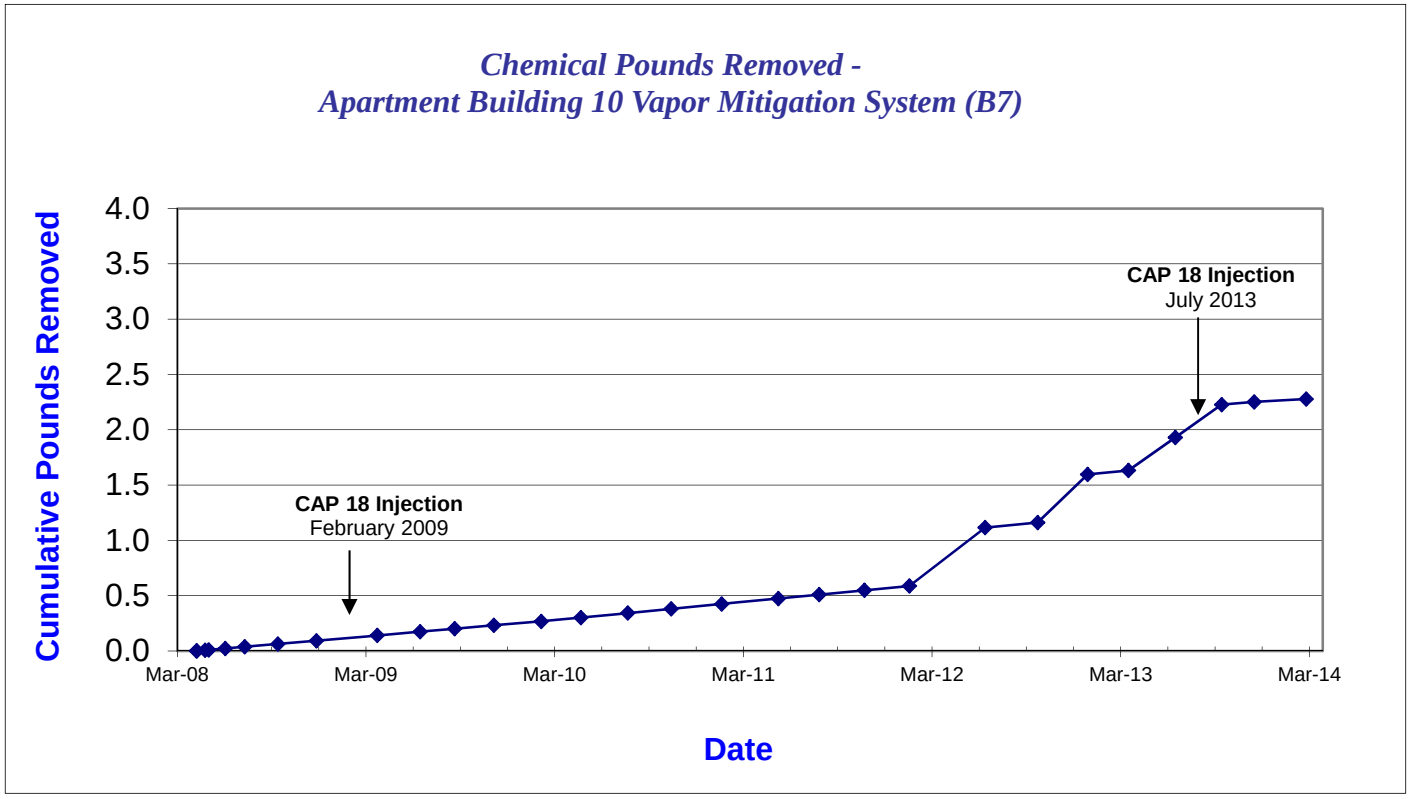
Scale:	no scale

Vinyl Chloride Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation System B-6 (Apartments, Bldg. 6)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

29





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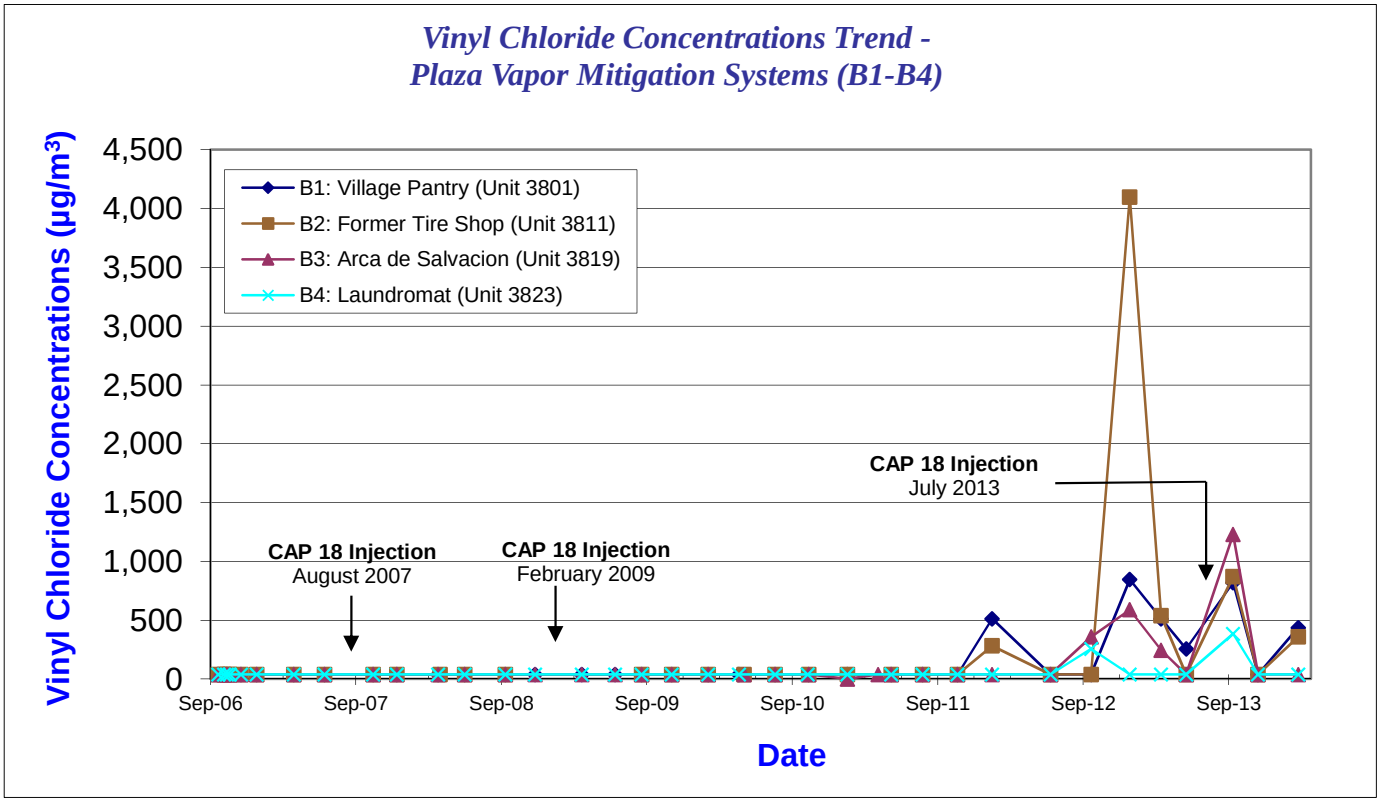

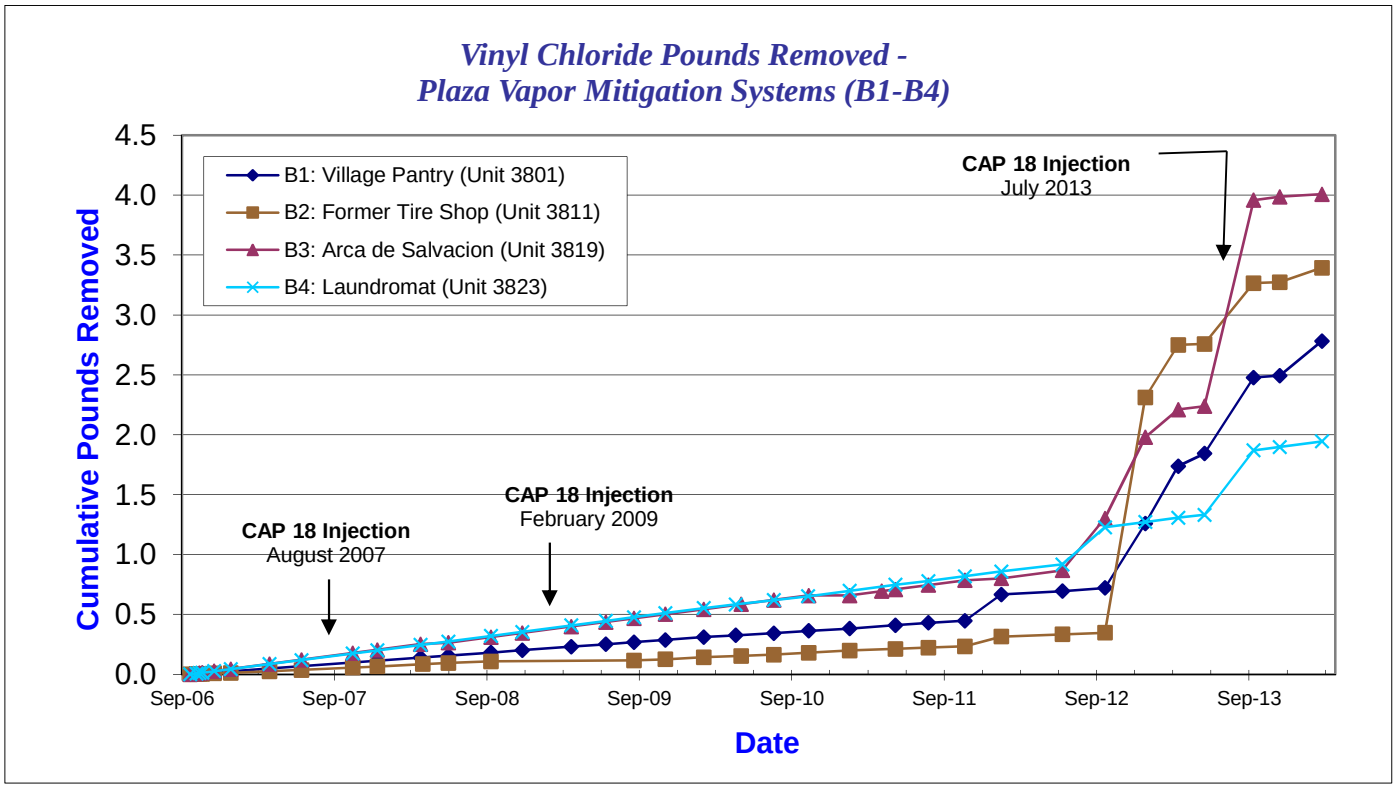

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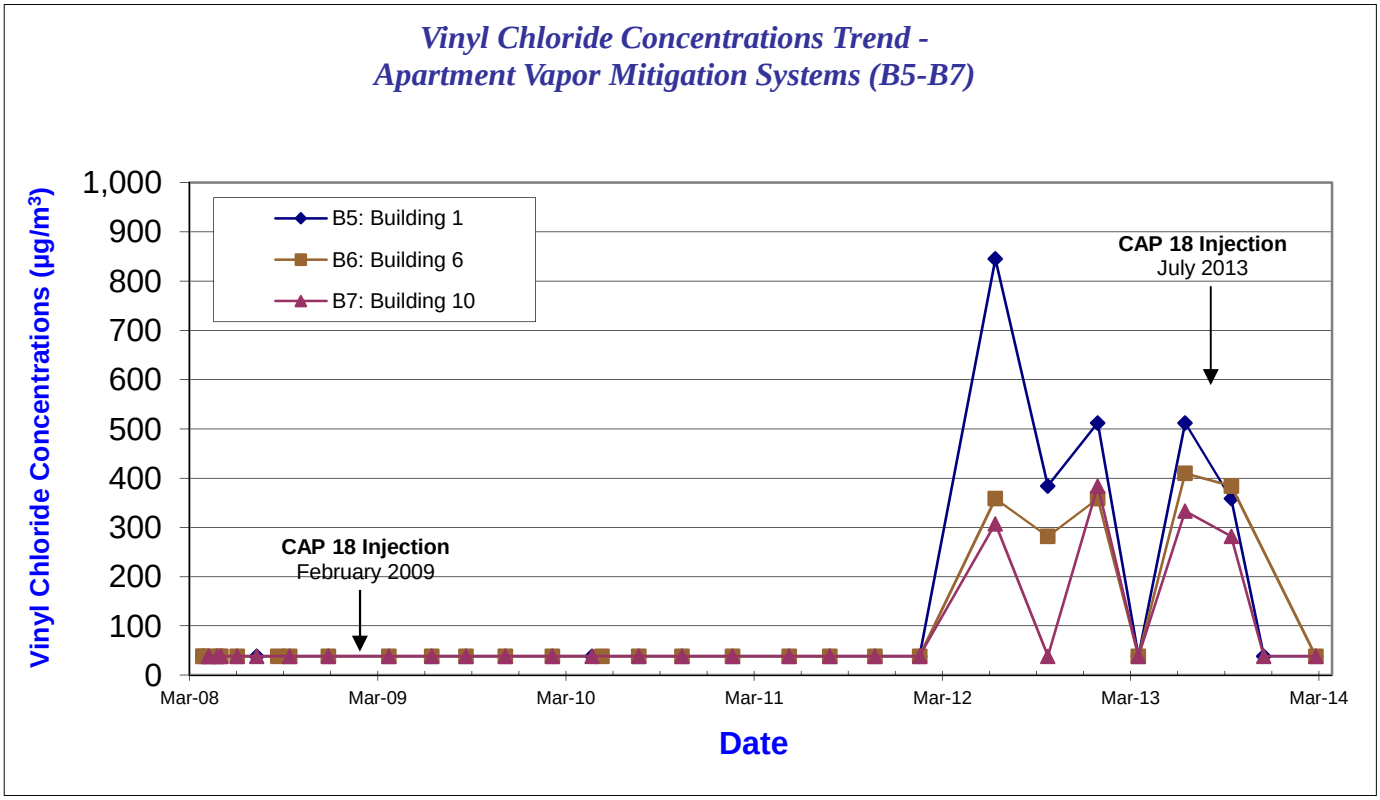
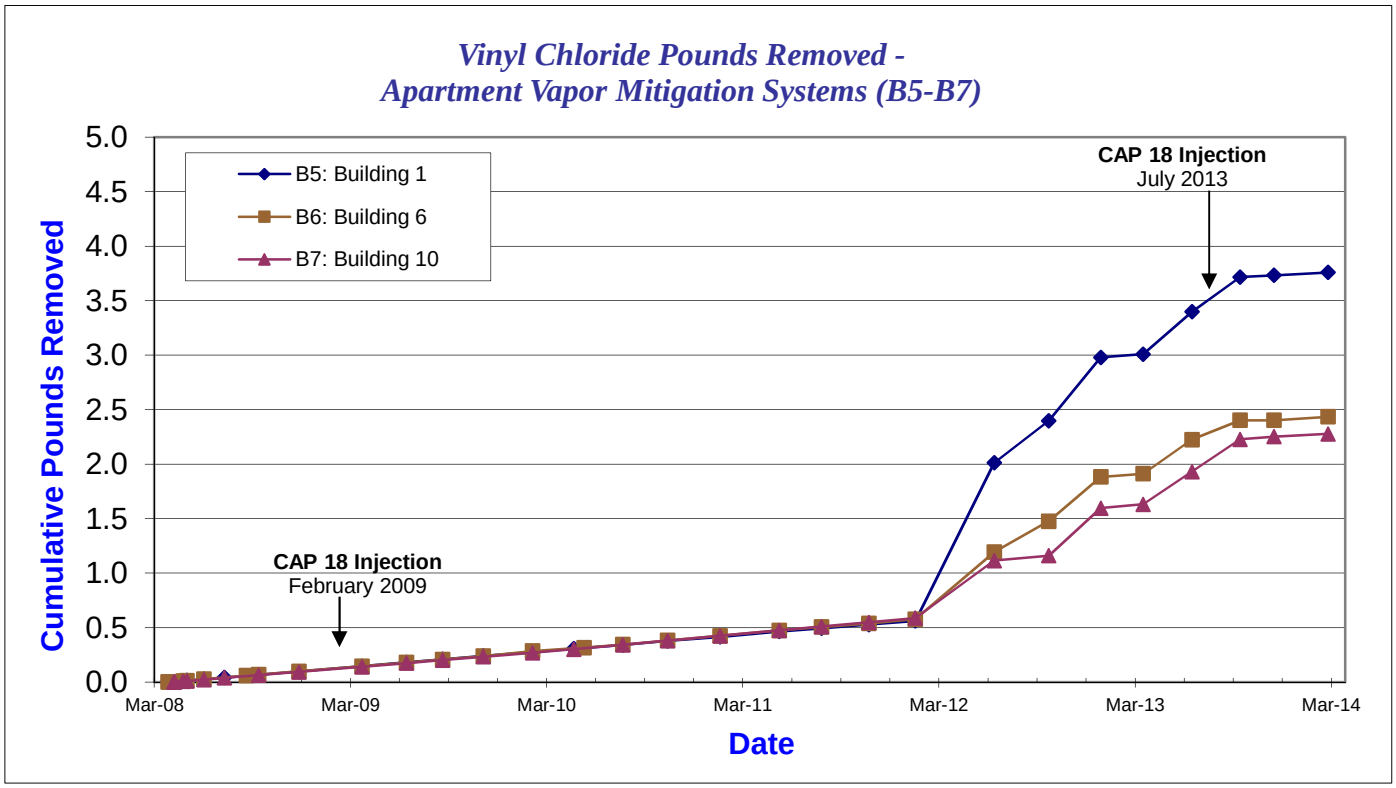
Vinyl Chloride Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation Systems B1-B4
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

31





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Vinyl Chloride Concentration Trends
and Cumulative Pounds Removed
Vapor Mitigation Systems B5-B7 (Apartments)
First Quarter 2014
Michigan Plaza
3801-3823 West Michigan Street
Indianapolis, IN

FIGURE

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