REPORT

Voluntary Remediation Program
Compliance Status Report
Former Oxford Chemical Property
5001 Peachtree Boulevard
DeKalb County
Chamblee, Georgia

Project Number
2015.0023.13

Report Date:
January 26, 2017

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Robin S. Futch, PG, PMP
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Response and Remediation Program
Land Protection Branch, GA EPD
2 Martin Luther King Jr. Drive
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RE: Voluntary Remediation Program - Compliance Status Report
Former Oxford Chemical VRP Property
5001 Peachtree Boulevard
Chamblee, DeKalb County, Georgia
Project No. 2015.0023.13

Dear Ms. Futch:

This Voluntary Remediation Program Compliance Status Report (CSR) for the Former Oxford Chemical Property, 5001 Peachtree Boulevard, Chamblee, DeKalb County, Georgia; is being submitted on behalf of Rathon Corporation and Tyson Foods, Inc. (formerly The Hillshire Brands Company). Assessment and corrective action have been conducted on this property to bring it into compliance with non-residential risk reduction standards for soil, and additional Voluntary Remediation Program requirements, appropriate for removal of the site from the Georgia Hazardous Site Inventory.

The substantive work described in this report was performed under the direction of Leonard J. Diprima, Jr., P.G. Please contact Mr. Diprima if you have any questions or comments regarding the information contained herein.

Sincerely,

UNITED CONSULTING

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Voluntary Remediation Program Compliance Status Report

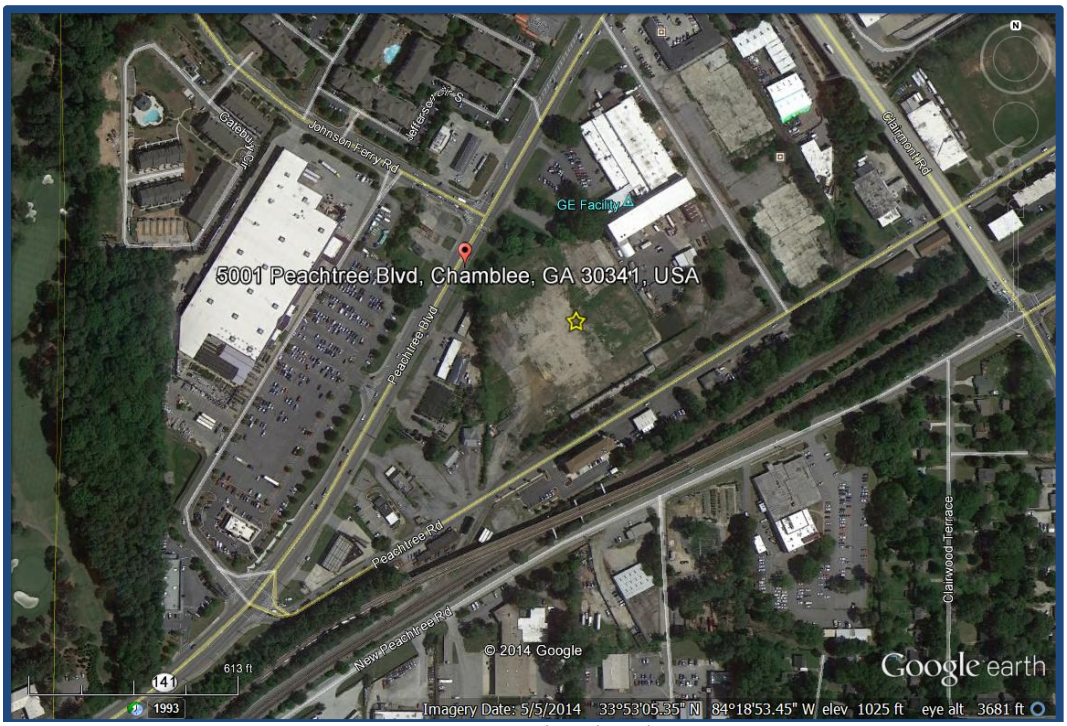

Image Courtesy of Google Earth

Former Oxford Chemical Property
5001 Peachtree Boulevard, Chamblee, DeKalb County, Georgia

HSRA Sublisted Property of the
General Electric International, Inc. Apparatus Service Center Site
5035 Peachtree Boulevard, Chamblee, DeKalb County, Georgia
HSI No. 10072

Prepared For

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January 26, 2017

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1.0 GROUNDWATER SCIENTIST STATEMENT

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by myself or by a subordinate working under my direction.

Certified by:

By: _____ January 26, 2017
Date

2.0 SUMMARY

United Consulting has prepared this Voluntary Remediation Program (VRP) Compliance Status Report (CSR) for the Former Oxford Chemical Property (the Property or property), located at 5001 Peachtree Boulevard, Chamblee, DeKalb County, Georgia, on behalf of Rathon Corporation and Tyson Foods (formerly The Tyson Brands Company). The Property was formerly regulated under the Georgia Environmental Protection Division (EPD) Hazardous Site Response Act (HSRA) Program (now Response and Remediation Program) as a sublisted site under the immediately adjacent General Electric International, Inc. Apparatus Service Center site (GE Facility) located at 5035 Peachtree Boulevard, Chamblee, Georgia, Hazardous Site Inventory (HSI) #10072. The Property location is presented on Figure 1.

On April 1, 2013, a Voluntary Investigation and Remediation Plan Application (VIRP) for the Property was submitted to the EPD. The EPD approved the VIRP with comments on July 10, 2013 (Appendix A) and entered the Property into the VRP. The most recent VRP Semi-annual Status Report for the Property was submitted to EPD on March 31, 2016. This VRP CSR has been prepared to present the final activities conducted from March 29, 2016 through November 4, 2016for the Property to bring it into full compliance with the VRP. The Property is currently owned by the Downtown Development Authority of the City of Chamblee, and leased back to Peachtree Crossing, LLC as part of a bond financing arrangement. Rathon Corporation and Tyson Foods have maintained responsibility for completing the VRP for the Property.

As discussed in previous submittals, multiple rounds of investigation have been conducted on the Property, and soil remediation was performed to bring the Property into compliance with non-residential HSRA risk reduction standards (RRS). Following remediation, a Certification of Compliance for soil to non-residential RRS was provided in the VRP Semiannual Status Report dated September 24, 2014, and was approved by EPD on October 16, 2014 (Appendix A). On March 9, 2015 Peachtree Village Partners, LLC (PVP) entered the Property into the Georgia Brownfields Program by submitting a Prospective Purchaser Compliance Status Report (PPCSR) based on the approved Certification of Compliance. In correspondence dated April 24, 2015 (Appendix A), the EPD concurred with the Certification of Compliance for soil provided in the PPCSR, and provided PVP with a final Limitation of Liability (LoL) for the property. Ownership of the property was transferred from Rathon Corporation to PVP, and from PVP to Peachtree Crossing, LLC (Peachtree Crossing), on June 3, 2015. On July 28, 2015, a PPCAP was submitted by Peachtree Crossing to include the former Oxford Chemical property and additional properties. On August 13, 2015, the EPD issued a provisional LoL to Peachtree Crossing (see Appendix A). A final PPCSR will be submitted to EPD upon completion of the development. Title to the property was subsequently transferred to the Downtown Development Authority of the City of Chamblee on November 1, 2015, and leased back to Peachtree Crossing as part of a bond financing arrangement.

Figure 2 shows the former Oxford Chemical property and surrounding properties. The property is currently undergoing commercial redevelopment by Peachtree Crossing, subject to the Brownfields Act and the VRP.

The former Oxford Chemical facility was operated from the 1940's to 1991 and produced products including waxes, soaps, solvents, disinfectants, polishes, deodorants, cleaners, paint strippers to insecticides. The former facility was impacted by historical releases of regulated substances as well as a release of mineral oil containing polychlorinated biphynels (PCBs), volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) from the GE Facility immediately adjacent to the north-northeast. GE has been performing assessment and corrective action of the release from its facility under the HSRA Program, including product recovery and monitored natural attenuation (MNA) for groundwater on both properties.

As part of the VRP process, exposure assessments were conducted for soil, groundwater, surface water and soil vapor in connection with the release of regulated substances from historical operations at the Oxford Chemical facility. Exposure was evaluated for current conditions and potential future conditions extrapolating the current data set and utilizing models accepted by the EPD. Impacts associated with these releases were identified on the following properties.

- Former Oxford Chemical Property, 5001 Peachtree Boulevard, Chamblee, Georgia (Parcel 18-278-14-002): soil, groundwater and potential soil vapor impacts were identified. Soil impacts were remediated to non-residential RRS. Future non-residential use, potential groundwater/drinking water exposure and potential vapor exposure have been addressed through the Brownfields Program and a Uniform Environmental Covenant (UEC) on the property.

- Adjacent parcels operated by Peachtree Crossing, LLC, Peachtree Boulevard, Chamblee, Georgia [Parcels 18-278-14-006 (former Ashe-Simpson Garden Center), 18-278-14-008 (former Atlanta Discount Music/Sula's Hair Salon), 18-278-14-007 (former Paradise Café) and 18-278-14-005 (former Hertz Car Rental)]: groundwater and potential soil vapor impacts from the Property were identified. Chlorinated solvent impacts associated with releases originating from properties to the south-southeast across Peachtree Road were also identified on Parcels 18-278-14-005, 18-278-14-007 and 18-278-14-008. Future non-residential use and potential vapor exposure have been addressed through the Brownfields Program.

- Texaco Gas Station property, 4930 Peachtree Road, Chamblee, Georgia (Parcel 18-278-14-004): groundwater impacts from the Property were identified across the northern corner of the property. Historical petroleum impacts associated with the gas station operations (addressed under the EPD Underground Storage Tank Management Program), and chlorinated solvent impacts associated with releases originating from properties to the south-southeast across Peachtree Road were also present. The exposure pathway related to potential vapor impacts from groundwater originating on the Property was determined to be incomplete.

- Former Buddy's/FINA Gas Station property, 5000 Peachtree Boulevard, Chamblee, Georgia (Parcel 18-300-02-001): groundwater impacts from the Property were identified across the southern corner of the property. The exposure pathway related to potential

vapor impacts from groundwater originating on the Property was determined to be incomplete.

- Lowe's Home Centers property, 4950 Peachtree Boulevard, Chamblee, Georgia (Parcel 18-300-02-003): groundwater impacts from the Property were identified along the southeastern property line along Peachtree Boulevard. Historical petroleum impacts associated with the gas station operations (addressed under the EPD USTMP), and chlorinated solvent impacts associated with releases originating from properties to the south-southeast across Peachtree Road were also present. The exposure pathway related to potential vapor impacts from groundwater originating on the Property was determined to be incomplete.

- Zaxby's property, 4906 Peachtree Boulevard, Chamblee, Georgia (Parcel 18-300-02-043): groundwater impacts from the Property were identified on the property. Historical petroleum impacts associated with the gas station operations (addressed under the EPD USTMP), and chlorinated solvent impacts associated with releases originating from properties to the south-southeast across Peachtree Road were also present. The exposure pathway related to potential vapor impacts from groundwater originating on the Property was determined to be incomplete.

The potential groundwater to surface water exposure pathway was also evaluated. The closest potential downgradient surface water receptor is the creek located west of the property, shown on Figure 3, on the Peachtree Golf Course property to the west of the Lowe's property. Groundwater modeling was conducted using the current and historical groundwater data, and modeling results indicated that the potential downgradient surface water receptor would not be impacted by the groundwater plumes originating from the Property above Georgia Instream Water Quality Standards (ISWQS). The modeling was presented in the VRP Semiannual Status Report dated August 31, 2015. The EPD concurred with this evaluation in correspondence dated February 4, 2016 (Appendix A).

All activities outlined in the April 1, 2013 VIRP, and other activities identified by the EPD during the VIRP implementation, have been completed. Therefore, this VRP CSR is submitted for review and approval by the EPD to remove the Property from sublisting on the HSI and to obtain concurrence that the requirements of the VRP have been satisfied for the Property.

3.0 CERTIFICATION OF COMPLIANCE

A Certification of Compliance for soil, certifying compliance with approved non-residential RRS for the Property, was submitted by Rathon Corporation and Tyson Foods in the VRP Semiannual Status Report dated September 24, 2014. The EPD approved the Certification of Compliance in correspondence dated October 16, 2014 (Appendix A).

4.0 CONSTITUENTS OF INTEREST

Soil data collected since 1987 and groundwater data collected since 2003 at the Property by various environmental consults was utilized to determine the Property constituents of interest (COI) for soil and groundwater. These COI were presented in the VIRP. COI for soil and groundwater are provided in Table 1. These COI include VOCs, SVOCs, pesticides and PCBs.

Due to the periodic presence of LNAPL in MW-3 (in the area of the former pump room/western AST farm) on the former Oxford Chemical property, the target compliance standard for LNAPL was set to consistent thickness measurements equal to or less than ⅛-inch, or removal to the extent technically feasible. In connection with the work performed under the VRP, the LNAPL compliance standard was achieved for the on-site release identified in monitoring well MW-3. GE will remain responsible for addressing LNAPL associated with the release from its property, in accordance with the compliance standards set forth in its approved HSRA CAP.

5.0 SITE TOPOGRAPHY, GEOLOGY, AND HYDROGEOLOGY

5.1 Site Topgraphy

Topography across the Property, based upon visual relief and survey elevations of soil borings and monitoring wells, slopes generally from higher elevations along Peachtree Road, north to lower elevations along Peachtree Boulevard. Elevations along Peachtree Road range from approximately 1041 feet mean seal level (ft-msl), the highest point on the Property at the intersection of Peachtree Road and McGaw Drive, to approximately 1024 ft-msl at the southwest corner of the property. There is a railroad spur that enters the southeast corner of the Property, runs along Peachtree Road and curves into the GE facility through the southeast corner of the Property. There is a sharp drop off from this spur in the central portion of the southern property boundary, onto the primary area of the property. The lowest elevation of the property is along Peachtree Boulevard at approximately 1018 ft-msl. Topography has been modified slightly due to the current redevelopment of the property; however, this general relief still applies.

The GE Facility is located on a localized topographic ridge that runs southeast to northeast down the center of the GE property and tapers off on the north side of Peachtree Boulevard. This topographic feature locally affects groundwater flow, making the GE property a groundwater flow divide.

5.2 Geology

Chamblee, Georgia is located within the Piedmont physiographic province. The lithologic units associated with the Piedmont province in the greater Atlanta area consist of Late Precambrian to Early Paleozoic metamorphic rocks (gneiss, schist and quartzite) which together comprise the Atlanta Group. The region is underlain by the Norcross Gneiss unit and consists of light gray plagioclase-rich gneiss with some mica and epidote minerals (McConnell and Abrams, 1984).

The subsurface geology at the Property is typical of the Piedmont province, with regolith forming a distinct layer of unconsolidated materials over the metamorphic bedrock. A general geologic cross-section map prepared by Environmental Strategies Corporation (ESC) for the former Oxford Chemical property is presented as Figure 4. The regolith appears to be generally uniform in thickness (approximately 30 feet) across the Property, although top of bedrock data is limited. The unconsolidated materials consist of a surficial layer of fill material, which is underlain by saprolite. The fill material is comprised of clayey silt, sand, and gravel, and ranges in thickness from slightly less than one foot up to approximately 10 feet. Based on the monitoring well boring logs, the maximum thickness of fill material occurs in the western portion of the Property in the vicinity of the former western AST farm. Note that additional grading and fill placement has occurred on the Property associated with the redevelopment of the property. The saprolite unit is predominately comprised of silt and very fine to fine sand, with trace amounts of clay. The characteristic feature of the saprolite is the presence of relict metamorphic structures and textures, which mimic the parent gneissic metamorphic rock. Minerals present in the saprolite include micas and quartz, which are believed to be the weathered remnants of quartz veins. A review of the boring logs indicates that the thickness of

the saprolite material can be greater than 20 feet across the Property. The contact between the saprolite and underlying bedrock is gradational in nature and characterized by a zone of partially weathered bedrock. (ESC, June 6, 2003). Boring and monitoring well construction logs have been provided in the VIRP and VRP Semiannual Status Reports previously submitted. All boring locations are shown on Figure 5.

5.3 Hydrogeology

Groundwater in the Piedmont region occurs within secondary porosity (e.g., joints and fractures) in the metamorphic and igneous bedrock, and in pore spaces within the layer of regolith, that overlies the bedrock. The regolith consists of varying proportions of soil, alluvial deposits and saprolite, which is formed by the chemical weathering of the local bedrock. The regolith and underlying fractured bedrock form a coupled flow system in which the saturated portion of the regolith generally serves as a reservoir providing water to the interconnected fracture network (Miller, 1990). Water in the flow system is generally unconfined in nature, although local artesian conditions may exist.

Water table elevations ranged from 1019.70 ft-msl in MW-2 located in the southeast corner of the Property behind the GE Facility, to 990.99 ft-msl at MW-31 located in the southwest corner of the Property in front of the Discount Tire across Peachtree Boulevard. This is based upon the last full round of water table measurements collected in June 2015. Groundwater flow based upon this data is generally to the west as it leaves the Property, turning southwesterly as it flows under Peachtree Boulevard, turning again to the west-northwest near the Zaxby's property. This flow is influenced by topographic highs located to the southeast, southwest and northwest. A potentiometric surface map based upon this data is presented as Figure 6. The June 2015 groundwater elevation measurements are in Table 2.

A site-specific value for hydraulic conductivity was determined by averaging hydraulic conductivity values derived from slug tests performed at the Property on April 8 and 9, 2015 in six wells located in the pathway of the groundwater constituent plumes; MW-7, MW-13, MW-21, MW-28, MW-29 and MW-30. The average hydraulic conductivity for the Property is 1.64^{-4} cm/sec, which is within the range of common values for silts and silty sands, $1x10^{-6}$ cm/sec for silts to $1x10^{-1}$ cm/sec for silty sands. A summary of the slug test results and the raw slug test data was provided in the VRP Constituent Fate and Transport Modeling Report dated August 31, 2015.

A site-specific value for hydraulic gradient was determined by performing a three-point problem using three of the same wells in which the slug tests were performed: MW-7, MW-9 and MW-13. The value of the hydraulic gradient was calculated to be 0.03. The three-point problem was provided in the VRP Constituent Fate and Transport Modeling Report dated August 31, 2015.

There was one monitoring well on site screened in bedrock, MW-12, which was located in the northeast area of the Property. Groundwater elevations from MW-12 were consistently lower relative to immediately adjacent shallow monitoring wells, indicating a downward vertical gradient.

6.0 CONCEPTUAL SITE MODEL

In accordance with the VRP, a Conceptual Site Model (CSM) of the Property was prepared and provided in the VIRP, and was based upon the information and data available at the time regarding the distribution of impacts in the various affected media related to the historical releases and potential receptors for the various potential exposure pathways. Figure 7 is the CSM provided in the VIRP. This model was then used and refined during the VRP process to confirm the various contaminant pathways and receptors, and evaluate them relative to potential and completed exposure pathways.

The final CSM is presented in Figure 8. The final CSM provides a current conceptual layout of the known:

- Geology, hydrogeology and surface waters related to the Property;
- Surface features (current and under construction/development);
- The currently known distribution of the various impacts in groundwater and soil;
- The potential exposure pathways determined to be complete or incomplete at the time of this CSR; and
- Mitigation and corrective measures that have been implemented under the VRP to render the various known potential exposure pathways incomplete based on the data acquired through the VRP process.

7.0 PRE-VRP ENVIRONMENTAL ASSESSMENTS & REMEDIATION

Several phases of soil and groundwater investigation and remediation have been conducted at the Property throughout its history, both prior to and following its sublisting on the Hazardous Site Inventory. The chronology of known Property investigation and remediation activities is summarized below.

- In April 1986, a deteriorated industrial sewer line was discovered in Building B (Figure 9), resulting in the collapse of portions of the plant floor, and nearby areas. As part of subsequent renovation activities, the facility inspected feeder and trunk lines and wastewater lines. Oxford Chemicals removed the corroded wastewater sewer pipe that ran from the drum loading area in the eastern part of the building to a manhole outside of the plant. The surrounding soils along the sewer line were excavated and transported for disposal off site at a landfill.

- Diversey Corporation retained ESC to evaluate potential soil and groundwater impacts associated with the deteriorated sewer lines in 1987. In addition to inspecting the collapsed sewer line area, ESC conducted a broader inspection of the facility. During the course of the investigation that included field events in 1987 and 1988, six monitoring wells, MW-1 through MW-6, were installed and sampled, and eight soil samples were collected from seven locations. The investigations identified VOCs, SVOCs, and pesticides in soil and groundwater samples collected from the Property. In February 1988, 1.5 feet of light non-aqueous phase liquid (LNAPL) was discovered in monitoring well MW-3 in the immediate vicinity of the pump room that received raw materials through underground piping from the western tank farm. Historical releases were identified in various areas of the Property associated with facility operations.

- In August 1991 the LNAPL and groundwater in MW-3 was characterized by ESC in an attempt to determine the source of, and type of LNAPL. Though the exact mixture could not be determined, it was characterized as a mixture of PAA, HSB, amyl acetate, isobutyl acetate and at least one other hydrocarbon distillate (ESC, October 10, 1991). A skimmer pump was installed in MW-3 to remove the floating oil around December 1988 and operated for at least 1 year. The pump was removed in June 1992.

- In 1993, additional soil and groundwater investigation was conducted by ESC at the Property. The scope of work consisted of advancing 25 shallow soil borings, collecting soil samples from each boring for chemical analysis, collecting and analyzing samples from nine monitoring wells, identifying sewers at the site and evaluating the potential for constituents to migrate in the piping backfill material, and conducting a groundwater survey at nine Geoprobe® locations to evaluate the extent of groundwater impacts.

  Twenty-one (21) soil borings (B-1 through B-21) and four hand auger borings were advanced. The investigation concentrated on three areas: the former western AST farm, the abandoned UST area, and inside the former liquid manufacturing building. Eight soil borings (B-1 through B-8) were advanced between the former western AST farm and the

main building/pump room, six borings (B-9 through B-14) were drilled in the vicinity of the abandoned USTs, and seven borings (B-15 through B-21) were drilled inside the facility. Four hand auger borings were advanced within the earthen berm of the former western AST farm. Thirty-nine (39) soil samples from the drilled borings, including duplicates, were analyzed for VOCs, SVOCs, and selected samples were analyzed for pesticides and total petroleum hydrocarbons (TPH). Five additional samples were collected for analysis from hand-auger borings. VOCs and SVOCs were detected in the soil samples collected from borings advanced in all the areas assessed. Pesticides were detected in borings B-1 and B-2, advanced adjacent to the western AST farm berm.

Groundwater samples were analyzed for VOCs and SVOCs. Selected groundwater samples were analyzed for pesticides, TPH, metals, and selected water quality parameters. Groundwater samples results from monitoring wells on site were as follows:

- VOCs: detected in MW-3 through MW-9;
- SVOCs: detected in MW-3, MW-4, MW-5, MW-7 and MW-8;
- Pesticides: MW-3;
- No constituents were detected in MW-1 and MW-2; and
- Metals results could not be considered reliable due to turbid samples.

Groundwater samples were collected using Geoprobe® methods at nine locations focusing on the western property line (G-1, G-2, G-4, G-5), the former UST area/drum storage area (G-6, G-7, G-8), and in the pump room area (G-9) and liquid manufacturing area (G-3). Samples were collected at the water table (13-22 ft. below ground surface (bgs)) and at refusal (32-28 ft. bgs) at three locations: G-1, G-2 and G-3. Samples were collected only at the water table at all other locations. Samples were analyzed on site for select VOCs using a portable gas chromatograph. Six samples were submitted for laboratory analysis of VOCs and SVOCs. These included split samples from G-1 and G-3, a duplicate of G-3, a split from the deeper G-2 sample, and the shallow samples collected at G-8 and G-9.

- In August 1993 and December 1993, groundwater samples were collected by ESC from the permanent monitoring wells on site (MW-1 through MW-9). In March 1994, ESC collected groundwater samples for treatability testing studies. In April 1994, ESC collected soil samples beneath the former pump room.

- In December 1994, a Release Notification for the Property was submitted by Diversey Corporation to the EPD HSRA Program. The notification identified the regulated substances and highest known concentrations that had been detected in soil and groundwater on the property. In 1995, the EPD issued a letter stating that, based on a review of the release notification the property would not be placed on the HSI. The HSRA notification is in Appendix B. A copy of the "no listing" letter was not available in EPD's files.

- In 1997 and 1998, a dual-phase extraction (DPE) system was voluntarily installed on the Property by ESC to address affected soil and groundwater. Thirty-eight (38) DPE wells

were installed, each having a soil vapor extraction (SVE) component and a groundwater pumping component. The vapor and groundwater effluent was sent to a treatment system constructed on the west side of the Property (see Figure 4 from ESC HSRA CAP 2005, Appendix C). The DVE system operated from June 1998 until 2008, when demolition of the building was scheduled. A portion of the groundwater treatment system along the downgradient side of the property remained in operation until 2012 to act as a groundwater capture system to retard offsite migration. The treated water was discharged to the DeKalb County sanitary sewer system under Permit Number DK00102.

- Several releases of dielectric oil are reported to have occurred at the adjacent GE Facility. The GE HSRA Compliance Status Report (CSR) lists five separate releases between October 1970 and August 1994 (URS, 2002). GE began investigating the extent of LNAPL on the Property in 1995. The investigations detected several feet of oil at multiple locations on the Property. An automated oil recovery system was installed at the GE HSI site in April 2001. According to documents reviewed, GE recovered approximately 12,500 gallons of oil between 1994 and April 2001. In May 2002, the oil recovery system was expanded to include nine recovery wells on the Property (RW-18 to RW-25 and RW-31). By May 2002, GE had recovered approximately 540 gallons of LNAPL from wells on the Property. The oil recovery system was shut down because the recovery wells no longer had significant amounts of LNAPL. The wells were then hand bailed or had absorbent socks for LNAPL recovery. LNAPL has been present at times in other wells that GE installed on the Property near the property boundary (e.g., BH-6, BH-9 and BH-10). As of the date of this report, GE has completed the LNAPL recovery on the Property.

- ESC collected additional soil and groundwater data in 2002 and 2003. Soil samples were collected from 33 borings across the Property. Groundwater samples were collected from 35 monitoring wells and recovery wells at the property in March 2003. The soil and groundwater sample locations are shown in ESC Figure 7 in Appendix C. The purpose of the sampling was to determine the distribution of chemicals of concern and compare the concentrations to RRS calculated for the Property at that time. ESC determined, based on a comparison of the soil data, that two areas of soil contained COI concentrations greater than the then calculated Type 4 RRS: the former western AST farm and the former pump room. Groundwater sampling identified PCE, TCE, DCE, acetone, toluene, phenol, naphthalene, chlorinated benzene's and other chemicals on the Property.

- On March 29, 2004, the Georgia EPD determined that the Property should be sublisted under the GE Site (HSI #10072). The sublisting was due to the presence of LNAPL released from adjacent GE Facility, which had migrated onto the property.

- On December 1, 2005, ESC submitted a CAP for the sublisted property. Based on a prior meeting with EPD, ESC presented the sublisted area as the portion of the Property that had been affected by releases associated with the GE facility. The proposed sublisted area encompassed approximately 15,500 square feet on the east side of the Property, as shown

in Figure 6 (Appendix C) of the ESC HSRA CAP. MNA, institutional controls, and groundwater monitoring were presented to address groundwater on the proposed sublisted area. It was assumed that GE would continue the LNAPL recovery program and achieve Type 4 standards for COCs migrating onto the sublisted area of the property. Implementation of MNA included the following elements:

- Water level measurements site-wide at the GE facility and the Property;
- Groundwater sampling for MNA screening;
- Groundwater fate and transport modeling; and
- Long-term groundwater monitoring with annual reporting.

- The EPD approved the HSRA CAP with conditions on January 29, 2007 (Appendix A). ESC, through its successor WSP Environment & Energy (WSP), continued implementation of the CAP until 2010, when Winter Environmental (Winter), and then Woodard & Curran in 2012 was contracted to continue the site work. Annual Monitoring Reports pursuant to HSRA were submitted to EPD for 2007 (WSP), 2008 (WSP), 2009 (WSP), 2010 (Winter), and 2011 (Winter).

- In 2008, the SVE portion of the DPE system was shut down due to significantly decreased concentrations of VOCs recovered in the vapor phase. A portion of the groundwater extraction system was kept in operation along the western, downgradient property boundary following shut down of the DPE system. The recovered groundwater continued to be pretreated and discharged to the DeKalb County sanitary sewer system under Permit Number DK00102. The system remained in operation until mid-2012, at which time problems were encountered with the effluent lines required it to be permanently taken out of operation. At that time, the discharge permit was closed.

- In 2008, all the remaining on-site structures were demolished. All above grade portions of the buildings were removed and the building slabs and paved areas were left in place or crushed onsite. All the extraction system wells within the footprint of the building were abandoned.

- In May and June 2008, following the demolition of the facility, WSP directed and managed the excavation and offsite disposal of impacted soil from four areas on the property. The objective of the work was to remove soil that contained constituent concentrations greater than the Type 4 RRS presented in the 2007 Annual Monitoring Report prepared by WSP and submitted to the EPD. Soil was removed from four areas: below the former western AST farm, below the former pump room, below the former eastern UST/AST farm and around the former sewer lines below the slab. The areas excavated are shown on Figure 10. Prior to the excavation activities, the groundwater treatment system was relocated from the former western tank farm to the southeast portion of the property in order to allow for excavation of affected soil under the former western AST farm.

  A total of 4,076 tons of soil was excavated. Based on the then-current characterization of the soil, 1,274 tons were disposed of at the Subtitle D Clean Harbors facility in Lambton,

Ontario, Canada; 1.132 tons were disposed of at the Waste Management Subtitle C landfill in Emelle, Alabama; and 1,118 tons were disposed of at Waste Management Subtitle D landfill in Ball Ground, Georgia. Verification samples were collected and analyzed for constituents of interest as identified by WSP, and the results compared to the Type 4 RRS presented in the 2007 Annual Monitoring Report.

Additional details associated with pre-VRP assessment and remediation activities are provided in the VIRP submitted to the EPD on March 31, 2013.

8.0 VRP ASSESSMENTS

Upon entering the VRP, some of the requirements under the VRP had been addressed, or partially addressed, for the Property through activities undertaken either voluntarily or under HSRA. The Sections below describe additional activities conducted under the VRP to address the Program's additional requirements.

8.1 Delineation of COI in Soil

To refine the CSM and to determine areas of the Property with impacts to soil above non-residential RRS requiring remediation, additional soil borings were advanced across the Property using direct- push drilling methods (DPT). Several rounds of additional soil sampling were conducted prior to remediation, and additional confirmation sampling was conducted in select areas excavated during remediation. These activities are described in the VRP Semiannual Status Reports submitted to the EPD as they occurred, and are briefly described below.

8.1.1 September 2013 Soil Sampling

On September 6 and September 30, 2013, Woodard & Curran performed additional soil assessment and delineation activities. The objectives of these activities included the following:

- Additional soil delineation to determine areas exceeding non-residential RRS;
- Additional soil delineation to complete overall delineation to Type 1 RRS;
- Soil sampling to supplement historical verification samples for certain areas previously excavated in 2008 at the Property in order to demonstrate compliance with the non-residential RRS, as requested in Comment #2 of the July 10, 2013 EPD VRP approval letter; and
- Soil sampling to characterize the former locations of the wastewater pre-treatment plant and holding pond, the empty drum storage area located on the southwestern portion of the property, Building "C" / Powder Plant, and the loading / unloading areas of the rail spur lines, as requested in Comment #3 of the July 10, 2013 EPD VRP approval letter.

To achieve these objectives, 55 soil borings were advanced including 38 borings for soil delineation, 8 borings for supplemental verification sampling, and 9 borings to characterize additional areas of the Property. The locations of these borings, along with the locations of other borings conducted at the Property, are shown on Figure 5. Depth intervals for samples were selected based on data from previous investigations and on observations of the recovered soil. Soil boring logs are provided in Appendix B of the VRP Semiannual Status Report dated January 10, 2014.

Analytical parameters for the collected samples were selected based on data from previous investigations, and included VOCs (analyzed by Method 8260B), SVOCs (Method 8270D), and pesticides (Method 8081B). Analytical results for the soil samples collected in September 2013 are provided in Table 1 (Appendix C) of the January 2014 VRP Semiannual Status Report and

are compared to the Type 1 (residential) and Type 3/4 (non-residential) RRS. Sample results from locations that did not exceed non-residential RRS, and represent constituent concentrations remaining on Property following remediation are presented in Table 3.

Based on a review of the 2013 results and historical sampling results, delineation to non-residential RRS was completed in several areas of the Property and used to establish boundaries for remedial excavation. Additional soil sampling was conducted as described below to complete the delineation of other areas. Overall delineation of impacted areas to Type 1 residential RRS was achieved in many areas also, but additional soil sampling was conducted to complete this VRP requirement.

A total of 18 soil samples were collected from nine supplemental verification points for areas where impacted soil removal was conducted in 2008. Based on the results, additional remediation was required to meet non-residential RRS at four of the locations.

In addition, 20 soil samples were collected from eight borings at previously uncharacterized portions of the Property. Constituent concentrations were below Type 1 RRS for all 20 samples from these areas. As such, further assessment of these areas was not required.

8.1.2 April and May 2014 Soil Sampling

On April 9, 2014 and May 19, 2014, Woodard & Curran performed additional soil assessment and delineation activities prior to the initiation of soil remediation excavation activities. The objective of this sampling was to sufficiently delineate the vertical and horizontal extents of soil with constituents exceeding non-residential RRS to limit the amount of post-excavation confirmation sampling that would be required. The EPD approved the use of pre-remediation delineation data in lieu of confirmation sampling, provided certain minimum requirements were met. These requirements included sidewall samples every 50 to 60 feet and a base of excavation sample for each 625 square feet of excavation area unless excavation was taken to groundwater. This process allowed the excavation activities to proceed more expeditiously, as most excavations could be backfilled immediately upon reaching the designated limits without having to wait for the results of confirmation samples.

To achieve this objective, 26 soil borings were advanced on April 9, 2014, and an additional 15 soil borings were advanced on May 19, 2014. The locations of these borings, along with the locations of historical borings conducted at the Property, are shown on Figure 5.

Based on a review of both the 2014 results and previous historical soil sampling results, delineation to non-residential RRS was completed in several more areas of the Property and used to establish boundaries for excavation for remediation. The areas where delineation to non-residential RRS was not achieved and was limited to isolated excavation area sidewalls; it was decided to collect confirmation samples during remediation.

Based upon data presented in the VRP Semiannual Status Report dated January 10, 2014, the EPD correspondence dated April 8, 2014 (Appendix A) agreed that delineation of soil impacts to Type 1 RRS was complete for the Property, with the exception of west of WCB-84 located in the

western tank farm area. In order to complete the delineation of soils west of boring WCB-84, where the 0 to 2-foot sample interval contained 4,4-DDD above the Type 1 RRS, a sample was collected at the same depth interval approximately 15 feet to the west (WCB-110, see Figure 5) on April 9, 2014. Pesticide concentrations in this sample were below the Type 1 RRS (see Table 1 of January 2014 VRP Semiannual Status Report, Appendix C). As a result, delineation of overall Property soil impacts was achieved. Soil impacts at concentrations above Type 1 RRS, VRP delineation standards, were limited to the property (parcel # 18-278-14-002).

In addition, a limited number of soil samples were also collected and analyzed for TCLP VOCs to determine whether soils containing VOC concentrations known to be more than 20 times the TCLP limit would require onsite treatment to meet Subtitle D, non-hazardous characteristics prior to offsite disposal. Based on the TCLP sample results and other sample data, four excavation areas were identified as containing soils that required onsite, in situ treatment to reduce VOC concentrations to below characteristic hazardous waste limits to allow for disposal at a Subtitle D, non-hazardous waste disposal facility. These areas included an area adjacent to the former East Tank Farm, two discrete areas in the Wastewater Sewer Area, and an area adjacent to the Former Pump Room.

Note, all soil samples collected during the above VRP assessments were secured in ice-filled coolers upon collection and hand delivered to the laboratory for analysis. Laboratory work orders and chain-of-custody documents, which included information on project name and number, sampler(s) signature, project manager's name, sample matrix, sample identification/station ID number, date and time of sample collection, total number of containers per sample station, requested analyses and number of containers per analyses per sample station, preservatives, and any other pertinent comments for the laboratory, were placed within each cooler for delivery.

8.2 Delineation of COI in Groundwater

Prior to entering the Property into the VRP in March 2013, the focus of groundwater sampling had been on the property in original HSRA sublisted area. This work was performed as part of the implementation of the HSRA CAP associated with the GE Facility release of dielectric fluid. A more complete round of groundwater data was collected from available on-site wells in January 2011 in anticipation of entering the Property into the VRP. This groundwater sampling was performed to determine where horizontal delineation had been achieved relative to Type 1 RRS and where additional delineation was required. The estimated extent of select COI in groundwater relative to HSRA Type 1 RRS based on the January 2011 data is shown on Figures 15 and 31 in the VIRP. Based on this sampling, onsite historical releases that affected groundwater appear to have originated in the western AST farm, pump room, eastern UST/AST/drum storage area, and the drains and historical operations in Building B/liquid manufacturing area. Additional downgradient and offsite delineation to the west-northwest was required for several of the COI. Offsite releases at the adjacent GE facility were determined to have resulted in a distinct groundwater contaminant plume migrating west onto the Property across the eastern property line, and were not comingling with the COI plumes originating from releases on the property.

In November 2013, additional downgradient delineation was conducted by installing five monitoring wells on the adjacent properties that were then owned by PVP. Constituent maps showing from this additional delineation are provided as Figures 8 through 17 in Appendix C, and were presented in the January 2014 VRP Semiannual Status Report. Based upon this data, it was determined the primary constituents related to potential downgradient exposure pathways were the chlorinated ethenes, chlorinated benzenes and naphthalene.

Downgradient delineation continued in October 2014 with the installation of five monitoring wells along the DOT right-of-way, northwest across Peachtree Boulevard. The data acquired from the installation and sampling of these wells and other lines of supporting evidence allowed the evaluation of the potential receptor pathways to be evaluated and no additional downgradient monitoring wells were required for delineation. The evaluation of the potential receptor pathways relative to groundwater constituent plumes is presented in Section 9. The distribution of the various constituent groups is presented below.

Because the Property was not listed on the HSI for a release to groundwater, and there were no potential receptors for deep groundwater, vertical delineation was determined to not be required for constituents detected in groundwater.

In summary, approximately 70 monitoring wells (including former extraction system wells) were installed in the upper water-bearing zone on the Property during the groundwater investigations conducted pursuant to HSRA and the VRP. GE installed a number of these wells on the property as part of the GE HSRA investigation. One deep well, MW-12, was installed into bedrock as part of the HSRA sublisting assessment and HSRA CAP implementation. The monitoring wells were installed using dual DPT/hollow-stem (HSA) and HSA drilling rigs. The monitoring wells were installed with a variety of 2-inch and 4-inch ID PVC risers and 0.01-inch slotted PVC screen length from 10 feet to 15 feet in length. Other than the deep bedrock well (MW-12), the screens were set to span the water table. Above grade, stick-up completions (locking steel protective casings) and flush-mount completions were used depending on the setting. Each monitoring well was fitted with a locking well cap and a surrounding concrete pad. Soil boring logs and monitoring well construction logs for each monitoring well were provided in the VIRP and VRP Semiannual Status Reports as the monitoring wells were installed. The various wells that were installed by Rathon/Tyson were abandoned prior to and during redevelopment. The abandonment of the monitoring wells installed by GE was the responsibility of GE.

Note, all groundwater samples collected during the course of the VRP assessments were secured in an ice-filled cooler and hand delivered to the laboratory for analysis. Laboratory work orders and chain-of-custody documents, which included information on project name and number, sampler(s) signature, project manager's name, sample matrix, sample identification/station ID number, date and time of sample collection, total number of containers per sample station, requested analyses and number of containers per analyses per sample station, preservatives, and any other pertinent comments for the laboratory, were placed within each cooler for delivery.

8.2.1 VOCs

The majority of VOC COI appear to have originated from one of the six anaerobic degradation chains shown in Figures 11a and 11b. Some of the VOCs may have originated from original raw materials used in the former Oxford Chemical facility. The tetrachloroethene (PCE) to vinyl chloride (VC) degradation chain of groundwater maps were presented as Figures 15 through 19 in the VIRP. It was concluded that the intermediate constituents trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE) and trans-1,2-dichloroethene (trans-1,2-DCE) originated from the degradation process, and the primary sources were the western AST farm, eastern UST/AST/drum storage area, the drains and historical operations in Building B/liquid manufacturing area and the GE mineral oil release. Note that TCE could have also been a stand-alone source in some areas. The VOC groundwater plumes resulting from on site releases from the former Oxford Chemicals facility were distinctly separated from the GE VOC plumes with the exception of cis-1,2-DCE which appeared to comingle in one small area on the eastern side of the property at the time the sampling was conducted in 2011.

The 1,1,1-trichloroethane (1,1,1-TCA) to vinyl chloride (VC)/chloroethane degradation chain of groundwater maps are presented as Figures 20 through 23 in the VIRP. It was concluded that the intermediate constituents of 1,1-dichloroethane (1,1-DCA) and 1,1-dichloroethene (1,1-DCE) only originated from the degradation process, and the primary sources were the eastern UST/AST/drum storage area, the drains and historical operations in Building B/liquid manufacturing area and the GE mineral oil release. Again, the VOC groundwater plumes resulting from on site releases from the former Oxford Chemicals facility are distinctly separated from the GE VOC plumes with the exception of 1,1-DCA which appeared to comingle in one small area on the eastern side of the property at the time the sampling was conducted in 2011.

The 1,2,4-trichlorobenzene (1,2,4-TCB) to chlorobenzene degradation chain of groundwater maps are presented as Figures 24 through 28 in the VIRP. It was concluded that the intermediate constituents of 1,2-dichlorobenzene (1,2-DCB) and 1,4-dichlorobenzene (1,4-DCB) only originated from the degradation process, and the primary sources were the western AST farm, possibly the pump room, the eastern UST/AST/drum storage area, the drains and historical operations in Building B/liquid manufacturing area and the GE mineral oil release. Again, the VOC groundwater plumes resulting from on Property releases from the former Oxford Chemicals facility were distinctly separated from the GE VOC plumes with the exception of 1,1-DCA which appeared to comingle in one small area on the eastern side of the property at the time the sampling was conducted in 2011.

Toluene was also identified in groundwater on Property. The primary sources were the western AST farm, the pump room, the eastern UST/AST/drum storage area, the drum storage area in the south corner of the property or an upgradient, offsite source, and the GE mineral oil release.

Horizontal delineation to Type 1 RRS of many VOCs was achieved to the interior of the Property. It was determined that downgradient, offsite delineation of VOCs to the west-northwest was necessary.

Vertical delineation was attempted in the former proposed HSRA sublisted area with the installation of a bedrock well, MW-12. VOCs were detected in MW-12 during the sampling event conducted in August 2012. VOCs detected in groundwater are presented in Table 4.

8.2.2 SVOCs

SVOCs are present in a more limited area in groundwater on the Property as shown on Figure 29 in the VIRP. They were detected in the western AST farm area, the pump room area and possibly associated with the drum storage area in the south corner of the property. SVOCs detected in groundwater are presented in Table 4. Naphthalene was the primary SVOC in groundwater on the Property. Based on the 2011 data, on site delineation was required in the drum storage area in the south corner of the property, and downgradient, offsite to the west-northwest. This delineation was conducted in September 2013 to determine the boundaries of the plume relative to Type 1 RRS. The data from this sampling event was presented in the January 2014 VRP Semiannual Status Report.

8.2.3 Pesticides

Pesticides are present in a more limited area in groundwater on the Property as shown on Figure 30 in the VIRP. They were detected in the western AST farm area, the pump room area, possibly associated with the drum storage area in the south corner of the property and the GE release. Pesticides detected in groundwater are presented in Table 4. On site delineation was required in the drum storage area in the south corner of the property, and downgradient, offsite to the west-northwest. This delineation was conducted in September 2013 to determine the boundaries of the plume relative to Type 1 RRS. The data from this sampling event was presented in the January 2014 VRP Semiannual Status Report.

8.2.4 PCBs

PCBs were only detected on the Property associated with the GE mineral oil release in the area adjacent to the GE facility as shown on Figure 31 in the VIRP. PCBs were detected in monitoring well BH-7 (Aroclors 1016, 1232 and 1260) in the 2011 sampling events at concentrations ranging from 7.8 ug/L to 9.4 ug/L total PCBs. PCB Aroclors that were not detected in groundwater since 1988 have included 1016, 1232, 1242 and 1269. PCBs were not been detected in bedrock monitoring well MW-12. Horizontal and vertical delineation of PCBs was achieved on Property.

8.3 LNAPL in MW-3 – Former Oxford Chemical Property

In February 1988, 1.5 feet of LNAPL was discovered in monitoring well MW-3 in the immediate vicinity of the pump room that received raw materials through underground piping from the western tank farm. In August of 1991 the LNAPL and groundwater in MW-3 was characterized by ESC in an attempt to determine the source of, and type of LNAPL. Though the exact mixture could not be determined, it was characterized as a mixture of PAA, HSB, PAMYL (amyl acetate), ISOBUT (isobutyl acetate) and at least one other hydrocarbon distillate (ESC, October 10, 1991). A skimmer pump was installed in MW-3 to remove the floating oil in approximately

December 1988 and operated for at least 1 year. The pump was removed in June 1992. In 2008, excavation of soils to the water table in the pump room area was conducted in an attempt to remove the LNAPL; however, a thin layer of LNAPL continued to periodically appear in MW-3 during the course of the VRP assessment until this area was excavated during the VRP soil remediation in 2014. The VRP soil remediation in this area was taken to the water table and any remaining LNAPL was removed.

8.4 Vapor Assessment – Former Peachtree Village Properties Property

VOC plumes in groundwater are present downgradient of the Property. Through discussions with EPD, properties along the flow path of those VOC plumes were identified and evaluated for potential vapor intrusion from current and potential future concentrations of key COI using current methods available at the time. The properties that were identified for further evaluation included the immediately adjacent and downgradient properties previously owned by PVP (Tax Parcels 18-278-14-006, 18-278-14-008, 18-278-14-007 and 18-278-14-005) which are now under common ownership with the Property.

The USEPA Vapor Intrusion Screening Level (VISL) calculator was used to determine groundwater concentrations at which the potential risk associated with VI exceeded corresponding target risk levels (1×10^{-5} for carcinogenic compounds and 1.0 hazard index for non-carcinogenic compounds, under a non-residential exposure scenario). Available groundwater data for monitoring wells on the PVP-owned properties were then screened against the calculated VISLs. Based upon the VISL calculator results the following properties had a potential risk for VI: 4961 Peachtree Boulevard (former garden center), 4949 Peachtree Boulevard (former vacant restaurant) and 4945 Peachtree Boulevard (Hertz car rental agency).

Based on the initial VISL screening, these PVP properties were selected for further assessment. The proposed soil gas sampling was discussed with EPD at a meeting on December 2, 2014. Soil gas sampling was performed at these properties between December 9 and 11, 2014. Soil gas concentrations were compared to soil gas screening levels calculated using the VISL calculator, using the same target risk levels noted above. In summary, only four VOCs were detected in the soil gas samples: benzene, cis-1,2-DCE, 4-methyl-2-pentanone, and PCE. All detected concentrations were well below respective VISLs. As such, no further assessment for potential VI associated with historical releases from the Property was determined necessary. The vapor assessment for these properties was presented in detail in the VRP Semiannual Status Report, dated February 16, 2015.

Contour Engineering also collected soil gas samples on the PVP properties in connection with their proposed redevelopment. Johnson & Ettinger (J&E) models were run to evaluate the enclosed structures that existed at that time on the PVP properties (VRP evaluation), and potential future structures for redevelopment. Both the current and future structures to be constructed passed the J&E commercial scenario evaluation relative to current groundwater concentrations. However, it is our understanding that the development of these properties may have included vapor mitigation measures on future enclosed structures built on the properties. It is also our understanding that any vapor requirements on these properties will be enforced

through the Brownfield Program LoL issued for these properties. This also addresses the potential vapor intrusion pathway on these properties for the VRP.

9.0 EXTENT OF SOIL, GROUNDWATER IMPACTS AND POTENTIAL FOR VAPOR IMPACTS

The purpose of this section is to provide a summary of the extent of the COI in the various media evaluated under the VRP. Soil impacts were delineated to Type 1 RRS as required under the VRP. As agreed to with EPD, groundwater impacts were delineated through a study of the data and multiple lines of evidence, up to the point at which current and future exposure pathways could be evaluated using current evaluation tools.

9.1 Risk Reduction Standards for Soil and Groundwater, and Surface Water Standards

Residential (Type 1 RRS) and non-residential (Type 3 and 4 RRS) were derived and approved by the EPD. Type 1 RRS were derived to guide the delineation of soil and groundwater. Type 3 and 4 RRS were derived to guide where soil remediation was required to bring the Property into compliance with non-residential standards. The final RRS were presented in the January 2014 VRP Semiannual Status Report, and were approved by the EPD in correspondence dated April 8, 2014 (Appendix A). The approved RRS for the Property are provided in Table 5.

Current Georgia In-Stream Water Quality Standards (ISWQS) were identified for evaluating the potential exposure pathway of groundwater to the nearest downgradient surface water body located on the Peachtree Golf Club to the northwest.

9.2 Extent of COI in Soil

The horizontal and vertical extent of soil impacts was completed in 2014. The horizontal extent of impacts above Type 1 RRS and Type 3 RRS were limited to the property. The vertical extent of impacts extended to the water table in some areas. This information was presented in the January 2014 VRP Semiannual Status Report. Additional horizontal delineation was conducted in April and May 2014 to fine-tune the delineation of areas requiring remediation to comply with non-residential RRS, and to complete the horizontal delineation to Type 1 RRS. This data was presented in the September 2014 VRP Semiannual Status Report. Figure 5 presents the horizontal and vertical extent of soil exceeding nonresidential RRS that required remediation.

9.3 Extent of COI in Groundwater

Approximately 70 monitoring wells (some of which we previously extraction wells) were installed in the upper water-bearing zone, and one in the bedrock zone during the course of the HSRA and VRP assessments to evaluate the potential exposure pathways associated with historical releases from the former Oxford Chemical facility. Groundwater samples were collected under HSRA and the VRP for the COI in various wells from 2007 to 2015 and are presented in Table 4. The laboratory data was provided in the VRP Semiannual Status Reports submitted to the EPD as sampling was conducted. The extent of SVOCs (other than naphthalene), PCBs and pesticides was completed in 2013 and was presented in the January 2014 VRP Semiannual Status Report.

With the exception of naphthalene, the above constituents/constituent groups in groundwater were confined to the property, and the former PVP properties. The extent of the naphthalene groundwater plume was confirmed by the June 2015 groundwater sampling event and the data was provided in the August 2015 VRP Semiannual Status Report, and is presented in Table 4.

The chlorinated ethenes and chlorinated benzenes had migrated to the west and northwest across Peachtree Boulevard. The chlorinated ethenes include tetrachloroethene (PCE) and its degradation constituents trichloroethene (TCE), cis-1,2-dichloroethene (Cis-1,2-DCE), trans-1,2-dichloroethene (Trans-1,2-DCE), 1,1-dichloroethene (1.1-DCE) and vinyl chloride (VC). The extent of the groundwater plumes of these constituents is represented by Figures 12 through 15, and were presented in the August 2015 VRP Semiannual Status Report.

The chlorinated benzenes include 1,2,4-trichlorobenzene (1,2,4-TCB) and its degradation constituents 1,4-dichlorobenzene (1,4-DCB), 1,2-dichlorobenzene (1,2-DCB) and chlorobenzene. The extent of the groundwater plumes of these constituents is represented by Figures 12 through 19, and were presented in the August 2015 VRP Semiannual Status Report.

9.4 Extent of Potential Vapor Impacts

The potential for vapor intrusion into current and future enclosed structures extended to those areas where VOCs were currently present in soil (post-soil remediation) and groundwater, and where VOCs may migrate in groundwater in the future. The only remaining VOC impacts in soil are limited areas on the property with constituent concentrations between the Type 1 and Type 3 RRS. This potential VI pathway has been addressed through the Uniform Environmental Covenant (UEC) that has been placed on the property requiring the use of vapor mitigation on enclosed structures unless their use is determined unnecessary by the EPD. Details associated with the UEC are provided in Section 10.3.

VOCs in groundwater at the time of the most recent rounds of groundwater sampling extended from the property to immediately adjacent, downgradient former PVP properties (Parcels 18-278-14-006, 18-278-14-008, 18-278-14-007, 18-278-14-004 and 18-278-14-005), and across Peachtree Boulevard to include the Zaxby's property (parcel 18-300-02-043). Detailed vapor evaluation information is presented in the February 2015 VRP Semiannual Status Report regarding the former PVP properties. No current risk was determined to be present on the PVP properties relative to releases from the Property. Additional information relative to this evaluation is presented in Sections 7.4, 8.4 and 9.5.

In addition to evaluating current concentrations of VOCs in groundwater, groundwater modeling was conducted to determine how VOCs might affect the downgradient Zaxby's property relative to the potential for vapor intrusion in the future. Detailed vapor evaluation information is presented in the August 2015 VRP Semiannual Status Report regarding the Zaxby's property. No current or future risk was determined to be present for the Zaxby's property based upon current groundwater concentrations and models currently available to evaluate future risk. Additional information relative to this evaluation is presented in Sections 8.4 and 9.5.

10.0 EVALUATION OF EXPOSURE PATHWAYS AND POTENTIAL RECEPTORS

The potential exposure pathways that have been identified during the execution of the VRP at the Property are:

- Exposure to impacted soil above RRS;
- Potential exposure to impacted groundwater as drinking water;
- Potential exposure to impacted groundwater entering surface water;
- Potential exposure to VOCs released from impacted soil or impacted groundwater through vapors entering enclosed structures on the Property; and
- Potential exposure to VOCs released from impacted groundwater from the Property through vapors entering enclosed structures on downgradient properties.

Each of these exposure pathways has been evaluated and addressed where a completed exposure pathway has been identified, or where data collection and modeling has indicated a higher potential for a completed exposure pathway now or in the future. The results of these evaluations and actions are summarized below.

10.1 Exposure to Impacted Soil Above RRS

Soil impacts resulting from historical releases at the Property were delineated to method detection limits or Type 1 RRS for the COI. It was determined that all COI in soil were confined to the Property. In the summer of 2014, the impacts to soil above a non-residential RRS were remediated through excavation and off-site disposal at a Subtitle D, non-hazardous landfill. A Certification of Compliance for soil with non-residential RRS was subsequently approved by EPD on October 16, 2014 (Appendix A), thus eliminating the soil exposure pathway for COI for future non-residential use. Future non-residential use was further ensured through the property's entry into the Brownfield Program by PVP, which obtained a LoL for future non-residential use of the property. In addition, a UEC has been executed for the property under the VRP that restricts the use of the property to non-residential. The UEC is provided in Appendix D. The EPD concurred with the conclusions drawn for this exposure pathway in correspondence dated February 4, 2016 (Appendix A).

10.2 Potential Exposure to Impacted Groundwater as Drinking Water

Groundwater impacts resulting from historical releases at the Property are present above USEPA Drinking Water Maximum Contaminant Levels (MCLs) and RRS for some COI. Groundwater use for potable water is prohibited in the community in which the Property is located due to local ordinance. In addition, the Property was not listed on the Georgia Hazardous Site Inventory (HSI) for groundwater, but sublisted under the adjacent General Electric International, Inc. Apparatus Service Center Site, 5035 Peachtree Boulevard, Chamblee, Georgia, HSI# 10072, due to a release of free-phase mineral oil impacted with PCBs and chlorinated solvents that had migrated onto the Property; therefore, as a result of this original sublisting the drinking water

exposure pathway is not required to be considered. The EPD concurred with the conclusions drawn for this exposure pathway in correspondence dated February 4, 2016.

10.2.1 Justification for No Further Monitoring

Based upon the absence and/or mitigation of current and potential future exposure pathways resulting from historical releases from the Property, United Consulting as the environmental professional for the Property requested and recommended that no further action or monitoring of releases associated with the Property under the VRP be conducted. Exposure pathways for COI have been mitigated through active remediation and through the execution of a UEC requiring use limitations for the Property under the VRP, and through entry of the Property and immediately downgradient properties into the Georgia Brownfields Program. The EPD concurred with the request in correspondence dated May 10, 2016 (Appendix A).

10.3 Potential Exposure to Impacted Groundwater Entering Surface Water

Groundwater impacts resulting from historical releases at the Property are present at concentrations above ISWQS. The closest downgradient surface water body receptor is a small creek located 686 and 591 meters from the Property source areas for PCE and 1,2,4-DCB, respectively, as measured along the axis of inferred groundwater flow. Groundwater modeling has been conducted to determine if key COI and daughter products, as established through meetings with the EPD, could the creek at concentrations above ISWQS. Based on the groundwater modeling results, these key COI and their daughter products will not reach the creek above analytical method detection limits or ISQWS. Therefore, it is projected that this potential exposure pathway will not be completed now or in the future. The groundwater modeling information was presented to the EPD in the August 2015 VRP Semiannual Status Report. The EPD concurred with the results of the modeling and the conclusions drawn in correspondence dated February 4, 2016.

10.4 Potential exposure to VOCs through Vapor Intrusion – Former Oxford Chemical Property

Due to the presence of VOCs in soil in some areas of the Property below non-residential RRS and remaining concentrations of VOCs in groundwater, the potential exists for vapor intrusion into future enclosed structures built on the property. Contour Engineering, representing the commercial developer for the property, conducted a vapor assessment on the property that included running the VISL calculator on current VOC impacts in groundwater, and collecting soil gas samples from the property, which were input into the J&E model using design criteria for proposed future structures. The Contour Engineering report is included was included in the August 2015 VRP Semiannual Status Report. The Contour Engineering report concluded that the proposed structures would be at risk for potential vapor intrusion and vapor mitigation measures should be designed for the enclosed structures. Language in the Brownfield Program LoL for the property ensures that vapor intrusion is addressed, and mitigation measures are employed where the potential for risk exists. In addition, the UEC for the Property addresses ongoing vapor intrusion requirements, in coordination with EPD. These mechanisms will ensure that the vapor

exposure pathway is not completed in the future on the property. The EPD concurred with the results of the modeling and the conclusions drawn in correspondence dated February 4, 2016.

10.5 Potential Exposure to VOCs through Vapor Intrusion – Downgradient Properties

Groundwater impacted with VOCs is present downgradient of the Property. Properties along the flow path of the VOC plumes were identified and have been evaluated for the potential for vapor intrusion from current and potential future concentrations of key COI. The properties that were determined to have the potential for vapor intrusion into current and future structures include the immediately adjacent and downgradient properties formerly owned by PVP (tax parcels 18-278-14-006, 18-278-14-008, 18-278-14-007 and 18-278-14-005), and the downgradient Zaxby's restaurant property (tax parcel 18-300-02-043). These properties were evaluated for potential vapor intrusion as part of the VRP investigation, as described in the VRP Semiannual Status Report, dated February 16, 2015. The VRP evaluation included collection of additional soil gas samples on the adjacent PVP properties. Soil gas samples were also collected on the PVP properties by Contour Engineering for purposes of proposed redevelopment. J&E models were run to evaluate the current enclosed structures on the PVP properties (VRP evaluation), and potential future structures for redevelopment (Contour Engineering). The J&E model results were below nonresidential threshold limits for both current structures, and for future structures that might be constructed relative to current groundwater concentrations. However, to mitigate any potential risk from vapor intrusion on these properties resulting from the future migration of the key COI onto the properties at potentially higher concentrations, it is our understanding that future development of these properties will include vapor mitigation measures beneath enclosed structures built on the properties. Any vapor requirements will be enforced through the Brownfield Program LoL issued for these properties. This also addresses the mitigation of the potential vapor intrusion pathway on these properties for the VRP.

The downgradient Zaxby's restaurant property was also evaluated for potential vapor intrusion and the results provided in the August 2015 VRP Semiannual Status Report. The J&E model results were below nonresidential threshold limits using both the current concentrations of the key VOC COI immediately upgradient in monitoring well MW-30 and modeled future COI concentrations in groundwater on the property.

Based on these evaluations of the potential exposure pathways from vapor intrusion on this property, the exposure pathway is not currently complete or a potential risk in the future. This addresses the potential vapor intrusion pathway on the property for the VRP.

The EPD concurred with the results of the modeling and the conclusions drawn in correspondence dated February 4, 2016.

11.0 VRP CORRECTIVE ACTIONS

11.1 Engineering Controls

Engineering controls are to be used as corrective action measures to mitigate potential exposure pathways for vapor intrusion on parcels 18-278-14-002, 18-278-14-006, 18-278-14-008, 18-278-14-007 and 18-278-14-005, as needed, in the future development of these parcels. The use and maintenance of these controls is guaranteed through Brownfield Program LoLs on these parcels and the UEC placed on the Property.

11.2 Soil Remediation

Soils exceeding non-residential RRS, as identified by the various sampling events, were removed and properly disposed of offsite between July and September 2014. This resulted in the submittal of a Certification of Compliance with non-residential RRS for soils at the Property in the September 2014 VRP Semiannual Status Report. The EPD approved the Certification of Compliance in correspondence dated October 16, 2014 (Appendix A). These soil remediation activities are summarized below.

11.2.1 Remediation Areas and Compliance with RRS

Soil that was present above non-residential RRS requiring remediation is shown on Figure 5. These areas were further reduced into specific excavation areas as shown on Figures 20 through 23. As summary of the remediation activities in each of these areas is presented below. This information was also presented in detail in the September 2014 VRP Semiannual Status Report.

Former East Tank Farm Area: A total of 1,300 cubic yards of soil was excavated from the former East Tank Farm area. This area was subdivided into two discrete areas, Areas 1 and 2. Soil sample results, including delineation and confirmation samples, are provided in Table 3, and sample locations and excavation limits are depicted on Figure 20.

A portion of Area 2 (approximately 350 cubic yards) was identified as potentially hazardous based on pre-remediation samples. These soils were treated in-situ, mixing the potentially hazardous soils with potassium permanganate and then quick lime in two batches to a total depth of 6 feet. A treatment confirmation sample was collected from each batch to confirm the soils did not exceed TCLP limits, and the soils were then direct loaded for off-site disposal. The second batch required retreatment and retesting prior to removal to meet TCLP limits.

Wastewater Sewer Area: A total of 880 cubic yards of soil was excavated from the Wastewater Sewer area. This area was subdivided into four discrete areas, Areas 3 through 6. Soil sample results, including delineation and confirmation samples, are provided in Table 3, and sample locations and excavation limits are depicted on Figure 21.

In Area 4 (approximately 150 cubic yards) was identified as potentially hazardous based on pre-remediation samples. These soils were treated in-situ, mixing the potentially hazardous soils with

potassium permanganate and then quick lime in two batches to the entire depth of excavation. A treatment confirmation sample was collected from each batch to confirm the soils did not exceed TCLP limits, and the soils were direct loaded for off-site disposal. The first batch required retreatment three times and retesting prior to removal to meet TCLP limits.

A portion of Area 5 (approximately 60 cubic yards) was identified as potentially hazardous based on a pre-remediation sample. These soils were treated in-situ, mixing the potentially hazardous soils with potassium permanganate and then quick lime in one batch to the total depth of the excavation (5 feet). A treatment confirmation sample was collected from the batch to confirm the soils did not exceed TCLP limits, and the soils were direct loaded for off-site disposal.

Former Pump Room Area: A total of 4,000 cubic yards of soil was excavated from the former Pump Room area. This area was subdivided into three contiguous areas, Areas 7A through 7C. Soil sample results, including delineation and confirmation samples, are provided in Table 3, and sample locations and excavation limits are depicted on Figure 22.

A portion of Area 7B (approximately 200 cubic yards) was identified as potentially hazardous based on pre-remediation samples. These soils were treated in-situ, mixing the potentially hazardous soils with potassium permanganate and then quick lime in three batches to the total depth of the excavation (12 feet). A treatment confirmation sample was collected from each batch to confirm the soils did not exceed TCLP limits, and the soils were direct loaded for off-site disposal.

Wastewater Treatment Facility Area: A total of 980 cubic yards of soil was excavated from the Wastewater Treatment Facility area. This area was subdivided into three discrete areas, Areas 8 through 10. Soil sample results, including delineation samples, are provided in Table 3, and sample locations and excavation limits are depicted on Figure 23.

11.3 Institutional Controls – Uniform Environmental Covenant

An intuitional control was used in addition to the engineering controls and soil remediation described above, through the placement of a UEC on the Property (parcel 18-278-14-002). The UEC limits the use of the property to non-residential, restricts the use of on-site groundwater and addresses ongoing vapor intrusion requirements in coordination with EPD.

The UEC for the Property was approved by EPD, and signed by the Director. The fully executed, the UEC was recorded with the Fulton County Clerk of Superior Court and a final recorded version is provided in Appendix D.

12.0 SUMMARY OF COMPLIANCE STATUS

This Voluntary Remediation Program Compliance Status Report for the Former Oxford Chemical Property, sublisted property to HSI # 10072 (GE Facility), located at 5001 Peachtree Boulevard, Chamblee, DeKalb County, Georgia, is submitted on behalf of Rathon Corporation and Tyson Foods. The Property was entered into the VRP in March 2013 through the submittal of a VIRP.

The horizontal and vertical extent of the soil impacts have been delineated under the VRP. Based on sampling conducted, soil with regulated constituents at concentrations above residential and nonresidential RRS is limited to the property. Impacted soils were remediated to nonresidential RRS in 2014 by excavation and offsite disposal at a Subtitle D landfill. A Certification of Compliance for soil was submitted to the EPD on September 24, 2014, and was approved by the EPD on October 14, 2016.

Horizontal groundwater delineation for COI was completed on the property, and continued downgradient with the installation of monitoring wells on the adjacent properties and along the DOT right-of-way, northwest across Peachtree Boulevard until exposure pathways could be evaluated. The data acquired from the installation and sampling of these wells, and using other lines of supporting evidence allowed the evaluation of the potential receptor pathways to be evaluated and no additional downgradient monitoring wells were required for delineation. The exposure pathways relative to groundwater impacts were groundwater to surface water and groundwater to potential VI.

Because the Property was not listed on the HSI for a release to groundwater, and there were no potential receptors for deep groundwater, vertical delineation was determined not be required for groundwater.

The groundwater to surface water exposure pathway was determined to be incomplete now and in the future using groundwater modeling.

The groundwater to soil gas pathway, resulting in the potential for vapor intrusion was determined to be potentially complete for future structures built on the property. This potential exposure pathway was addressed through the Brownfield Program LoL requirement for vapor mitigation on future structures, and supported by the placement of a UEC on the property referencing the potential vapor pathway.

The groundwater to soil gas pathway, resulting in the potential for vapor intrusion was determined to be currently incomplete for the immediately downgradient PVP properties. However, there was the potential that higher concentrations of VOCs migrating onto these properties in the future could pose a potential VI risk. This risk was mitigated through the Brownfield Program LoL for these properties, which requires the implementation of vapor mitigations on future enclosed structures built on these properties.

The results of the exposure pathways evaluations and remediation and mitigation methods applied at the Site have been approved by the EPD. All activities outlined in the VIRP, and other activities identified as necessary during the implementation of the VIRP, have been completed. Therefore, this VRP CSR has been submitted for review and approval by the EPD to conclude activities under the VRP and to remove the Property from sublisting on the Georgia HSI.

13.0 PROFESSIONAL SERVICES HOURS THIS PERIOD

United Consulting has completed approximately 106 professional service hours during the period from March 30, 2016 through January 20, 2017. Of these total hours, the professional geologist overseeing the VRP project utilized approximately 88 hours.

TABLES

Table 1
Constituents of Interest
Former Oxford Chemical Property, Chamblee, Georgia

Groundwater	Soil
Volatile Organic Compounds	
	1,1,1,2-Tetrachloroethane
1,1,1-Trichloroethane	1,1,1-Trichloroethane
	1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane	1,1,2-Trichloroethane
1,1-Dichloroethane	1,1-Dichloroethane
1,1-Dichloroethene	1,1-Dichloroethene
	1,2,3-Trichloropropane
1,2,4-Trichlorobenzene	1,2,4-Trichlorobenzene
	1,2-Dibromo-3-Chloropropane
1,2-Dichlorobenzene	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloroethane
1,2-Dichloropropane	1,2-Dichloropropane
1,3-Dichlorobenzene	1,3-Dichlorobenzene
1,4-Dichlorobenzene	1,4-Dichlorobenzene
2-Butanone	2-Butanone
4-Methyl-2-pentanone	4-Methyl-2-pentanone
Acetone	Acetone
Benzene	Benzene
	Bromoform
	Carbon disulfide
Chlorobenzene	Chlorobenzene
Chloroethane	Chloroethane
cis-1,2-dichloroethene	cis-1,2-Dichloroethene
	Cyclohexane
	Dichlorodifluoromethane
Ethylbenzene	Ethylbenzene
	Isopropylbenzene
Methylene chloride	Methylene chloride
Styrene	Styrene
Tetrachloroethene (PCE)	Tetrachloroethene (PCE)
Toluene	Toluene
trans-1,2-dichloroethene	trans-1,2-Dichloroethene
Trichloroethene (TCE)	Trichloroethene (TCE)
Vinyl Chloride	Vinyl Chloride
Xylene (total)	Xylene (total)
Semi-Volatile Organic Compounds	
2-Chlorophenol	
	2,4,5-Trichlorophenol
	2,4,6-Trichlorophenol
	2,4-Dichlorophenol
2,4-Dimethylphenol	2,4-Dimethylphenol
	2,4-Dinitrophenol
2-Methylphenol	2-Methylphenol
4-Methylphenol	4-Methylphenol
Acenaphthene	Acenaphthene
	Acenaphthylene
Acetophenone	
	Anthracene
	Benzo(a)anthracene
	Benzo(a)pyrene

Table 1
Constituents of Interest
Former Oxford Chemical Property, Chamblee, Georgia

Groundwater	Soil
Semi-Volatile Organic Compounds	
Benzo(b)fluoranthene	Benzo(b)fluoranthene
	Benzo(g,h,i)perylene
	Benzo(k)fluoranthene
	bis(2-Chloroisopropyl)ether
	bis(2-Ethyllhexyl)phthalate
	Chrysene
	Dibenz(a,h)anthracene
	Di-n-butylphthalate
	Di-n-octyl phthalate
	Fluoranthene
Fluorene	Fluorene
	Indeno(1,2,3-cd)pyrene
Naphthalene	Naphthalene
	N-Nitrosodiphenylamine
	Pentachlorophenol (PCP)
	Phenanthrene
Phenol	Phenol
	Pyrene
Pesticides	
4,4' -DDD	4,4' -DDD
4,4' -DDE	4,4' -DDE
4,4' -DDT	4,4' -DDT
	Aldrin
	alpha-Endosulfan (Endosulfan I)
	alpha-BHC
beta-BHC	beta-BHC
	beta-Endosulfan (Endosulfan II)
	gamma-Chlordane
Chlordane	Chlordane
	delta-BHC
Dieldrin	Dieldrin (delta-Benzenehexachloride)
	Endosulfan sulfate
	Endrin
	Endrin aldehyde
	Endrin ketone
	Heptachlor epoxide
Lindane	Lindane
	Methoxychlor
PCBs	
Aroclor 1260	Aroclor 1260
Aroclor 1232	
Aroclor 1016	

Notes:
Groundwater COIs obtained from detections identified in groundwater sampling of 35 extraction/recovery wells in March 2003 and sampling of wells in 2011 & 2012.

Constituent not detected in historical samples.

Table 2
June 2015 Water Table Elevations
Former Oxford Chemical VRP Site, Chamblee, Georgia

Well I.D.	Top of Casing Elevation (feet)	Depth to Water (feet)	Water Table Elevation (feet)
BH-06	1021.7	6.84	1014.86
BH-07	1020.85	8.77	1012.08
BH-09	1021.92	8.46	1013.46
BH-10	1021.8	6.00	1015.80
BH-11	1021.39	8.18	1013.21
BH-12	1022.27	11.07	1011.20
BH-13	1021.98	4.71	1017.27
BH-14	1021.63	7.24	1014.39
BH-15	1021.48	8.76	1012.72
BH-16	1020.89	8.62	1012.27
BH-17	1021.06	9.07	1011.99
BH-18	1020.92	8.81	1012.11
BH-19	1021.27	8.42	1012.85
BH-21	1021.71	6.10	1015.61
EW-A1	1026.81	15.22	1011.59
EW-A10	1021.67	10.92	1010.75
EW-A2	1023.41	12.76	1010.65
EW-A3	1022.95	13.23	1009.72
EW-A4	1022.89	13.70	1009.19
EW-A6	1022.12	14.80	1007.32
EW-A7	1020.96	13.92	1007.04
EW-A8	1021.7	13.40	1008.30
EW-A9	1021.91	12.92	1008.99
EW-B4	1023.81	11.90	1011.91
EW-B5	1024.2	13.28	1010.92
EW-B6	1024.23	14.26	1009.97
EW-D6	1026.4	13.32	1013.08
EW-D7	1023.72	9.41	1014.31
EW-D8	1022.91	10.10	1012.81
EW-D9	1023.65	11.41	1012.24
MW-1	1022.88	7.62	1015.26
MW-2	1031.72	12.02	1019.70
MW-5	1028.96	16.37	1012.59
MW-6	1025.71	14.89	1010.82
MW-7	1016.61	10.05	1006.56
MW-9	1017.84	10.35	1007.49
MW-11	1018.15	10.99	1007.16
MW-12	1021.51	10.40	1011.11
MW-13	1025.27	14.29	1010.98
MW-14	1025.29	15.03	1010.26
MW-15	1026.49	12.79	1013.70
MW-16	1025.07	7.57	1017.50
MW-17	1019.03	9.36	1009.67
MW-18	1019.2	11.00	1008.20
MW-19	1011.41	8.64	1002.77
MW-20	1011.59	6.95	1004.64
MW-21	1018.82	10.38	1008.44
MW-23	1032.21	12.88	1019.33
MW-24	1032.38	13.24	1019.14
MW-25	1015.04	10.74	1004.30
MW-26	1009.8	10.22	999.58
MW-27	1019.03	15.32	1003.71
MW-28	1014.33	10.90	1003.43
MW-29	1010.16	10.68	999.48
MW-30	1005.13	11.92	993.21
MW-31	1005.34	14.35	990.99
MW-A	1023.18	11.30	1011.88
MW-TX-S	1007.41	9.28	998.13
MW-TX-W	1008.1	7.75	1000.35
PZ-1	1020.31	10.74	1009.57

Table 3
Summary of Soil Analytical Data - Former East Tank Farm Area
Detected Constituents Remaining

Location	Type 1 RRS	Non-Residential RRS			B-23-03A	B-23-03B	B-36	B-36	B-36	B-9	B-9	WCB-16	WCB-16	WCB-17	WCB-17	WCB-18	WCB-18	WCB-19	WCB-19	WCB-19	WCB-23	WCB-23	WCB-24	WCB-24	WCB-24
Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')		4'-6'	8'-10'	(2-4)	(4-6)	(8-10)	5-7'	9-10'	0-2'	2-4'	0-2'	2-4'	0-2'	2-4'	0-2'	2-4'	6-7'	2-4'	9-10'	0-2'	2-4'	5-7'
Date Sampled		RRS	RRS	RRS Type	1/30/03	1/30/03	6/26/07	6/26/07	6/26/07	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13	2/7/13
Volatiles-ug/kg																									
1,1,1-Trichloroethane	20,000	253,000	253,000	Type 4	120	5 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	9.7	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
1,1-Dichloroethane	400,000	400,000	400,000	Type 3	29	5 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
1,1-Dichloroethene	700	700	700	Type 3	7.1 U	5 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
1,2,4-Trichlorobenzene	10,800	10,800	10,800	Type 3	330 U	330 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
1,2-Dichlorobenzene	60,000	60,000	60,000	Type 3	460	330 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
1,3-Dichlorobenzene	60,000	60,000	60,000	Type 3	NA	NA	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
1,4-Dichlorobenzene	7,500	7,500	7,500	Type 3	NA	NA	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
Acetone	400,000	400,000	400,000	Type 3	81	94	NA	NA	NA	92 U	97 U	83 U	74 U	84 U	120 U	74 U	74 U	75 U	79 U	93 U	94 U	87 U	NA	NA	NA
Chlorobenzene	10,000	10,000	10,000	Type 3	7.1 U	5 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
cis-1,2-Dichloroethene	7,000	7,000	7,000	Type 3	210	14	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
Cyclohexane	20,000	1,093,000	1,093,000	Type 4	NA	NA	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
Ethylbenzene	70,000	70,000	70,000	Type 3	10	5 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
Isopropylbenzene	21,900	85,500	85,500	Type 4	NA	NA	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
Methylene chloride	500	2,800	2,800	Type 4	14 U	10 U	NA	NA	NA	18 U	19 U	17 U	15 U	17 U	24 U	15 U	15 U	15 U	16 U	19 U	19 U	17 U	NA	NA	NA
Tetrachloroethene (PCE)	500	500	500	Type 3	430	12	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	58	3.7 U	3.7 U	110	4.0 U	4.7 U	60	65	NA	NA	NA
Toluene	100,000	100,000	100,000	Type 3	75 U	5 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
trans-1,2-Dichloroethene	10,000	10,000	10,000	Type 3	NA	NA	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	4.7 U	4.3 U	NA	NA	NA
Trichloroethene (TCE)	500	500	500	Type 3	100	5 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.9	5.4	3.7 U	14	4.0 U	4.7 U	6.1	14	NA	NA	NA
Vinyl Chloride	200	200	200	Type 3	7.1 U	5 U	NA	NA	NA	9.2 U	9.7 U	8.3 U	7.4 U	8.4 U	12 U	7.4 U	7.4 U	7.5 U	7.9 U	9.3 U	9.4 U	8.7 U	NA	NA	NA
Xylene (total)	1,000,000	1,000,000	1,000,000	Type 3	82	15 U	NA	NA	NA	4.6 U	4.8 U	4.1 U	3.7 U	4.2 U	6.1 U	3.7 U	3.7 U	3.8 U	4.0 U	4.7 U	15	4.3 U	NA	NA	NA
Semivolatiles- ug/kg																									
bis(2-Ethyllhexyl)phthalate	50,000	326,000	326,000	Type 4	330 U	330 U	NA	NA	NA	440 U	460 U	420 U	440 U	400 U	440 U	390 U	390 U	420 U	400 U	460 U	420 U	440 U	NA	NA	NA
Fluorene	360,000	1,514,000	1,514,000	Type 4	NA	NA	NA	NA	NA	440 U	460 U	420 U	440 U	400 U	440 U	390 U	390 U	420 U	400 U	460 U	420 U	440 U	NA	NA	NA
Naphthalene	100,000	100,000	100,000	Type 3	330 U	330 U	NA	NA	NA	440 U	460 U	420 U	440 U	400 U	440 U	390 U	390 U	420 U	400 U	460 U	420 U	440 U	NA	NA	NA
Pesticides - mg/kg																									
4,4' -DDD	0.660	12.9	12.9	Type 4	0.033 U	0.033 U	0.16	0.21	0.0041 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4' -DDE	0.660	9.15	9.15	Type 4	0.033 U	0.033 U	0.12	0.098	0.0041 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4' -DDT	0.660	13.1	13.1	Type 4	0.033 U	0.033 U	0.015	0.0041 U	0.0041 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane	9.20	9.2	9.2	Type 3	0.33 U	0.33 U	0.002 U	0.002 U	0.002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.660	0.66	0.66	Type 3	0.033 U	0.033 U	0.0041 U	0.074	0.0041 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.2 U	4200 U	4.4 U
gamma-Chlordane	9.20	9.2	9.2	Type 3	0.033 U	0.033 U	0.002 U	0.002 U	0.002 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

NA Not Analyzed

Only those compounds detected in one or more samples are shown.

U Analyte undetected at reporting limit shown

J Dectected below the sample quantitation limit of instrument

Analyte detected greater than the non-residential RRS

Table 3
Summary of Soil Analytical Data - Former East Tank Farm Area
Detected Constituents Remaining

Location	Type 1 RRS	Non-Residential RRS			WCB-25	WCB-25	WCB-25	WCB-B11	WCB-34	WCB-34	WCB-35	WCB-35	WCB-36	WCB-36	WCB-38	WCB-39	WCB-39	WCB-39	WCB-40	WCB-40	WCB-40	WCB-41	WCB-41	WCB-43	WCB-43	WCB-43	WCB-80	WCB-80
Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')		0-2'	2-4'	5-7'	5-7'	0-2'	3-5'	0-2'	3-5'	0-2'	3-5'	8-10'	0-2'	3-5'	8-10'	0-2'	3-5'	8-10'	0-2'	3-5'	0-2'	3-5'	8-10'	0-2'	2-4'
Date Sampled		RRS	RRS	RRS Type	2/7/13	2/7/13	2/7/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13
Volatiles-ug/kg																												
1,1,1-Trichloroethane	20,000	253,000	253,000	Type 4	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	4.1 U	3.1 U	3.7 U	6.7	3.7 U	3.3 U	3.6 U	3.7 U	4.1 U	4.4 U	4.2 U	3.9 U	3.4 U	3.9 U
1,1-Dichloroethane	400,000	400,000	400,000	Type 3	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	4.1 U	3.1 U	36	86	5.1	8.4	10	3.7 U	11	4.4 U	4.2 U	3.9 U	3.4 U	3.9 U
1,1-Dichloroethene	700	700	700	Type 3	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	4.1 U	3.1 U	8.5	29	3.7 U	3.3 U	3.8	3.7 U	7.5	4.4 U	4.2 U	3.9 U	3.4 U	3.9 U
1,2,4-Trichlorobenzene	10,800	10,800	10,800	Type 3	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	4.1 U	3.1 U	3.7 U	4 U	3.7 U	3.3 U	3.6 U	3.7 U	4.8	4.4 U	4.2 U	3.9 U	3.4 U	3.9 U
1,2-Dichlorobenzene	60,000	60,000	60,000	Type 3	NA	NA	NA	5.2	3.5 U	5.4	3.6 U	3.0 U	3.6 U	4.0 U	89	1700	4400	450	18	91	36	29	4200	4.4 U	4.2 U	3.9 U	53	19
1,3-Dichlorobenzene	60,000	60,000	60,000	Type 3	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	14	3.1 U	13	11	3.7 U	3.3 U	3.6 U	3.7 U	64	4.4 U	4.2 U	3.9 U	44	11
1,4-Dichlorobenzene	7,500	7,500	7,500	Type 3	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	23	6.5	130	64	3.7 U	7.5	3.7	3.7 U	670	4.4 U	4.2 U	3.9 U	22	9.6
Acetone	400,000	400,000	400,000	Type 3	NA	NA	NA	62 U	69 U	56 U	72 U	61 U	120	80 U	82 U	63 U	73 U	81 U	74 U	66 U	72 U	73 U	82 U	87 U	85 U	78 U	69 U	78 U
Chlorobenzene	10,000	10,000	10,000	Type 3	NA	NA	NA	4.2	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	64	11	1400	1200	4.1	13	3.7	3.7 U	110	4.4 U	4.2 U	3.9 U	120	51
cis-1,2-Dichloroethene	7,000	7,000	7,000	Type 3	NA	NA	NA	81	1500	530	12	8.5	3.6 U	4.0 U	1900	37	1700	3000	430	800	1200	84	830	4.4 U	4.2 U	6.3	8.5	21
Cyclohexane	20,000	1,093,000	1,093,000	Type 4	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	4.1 U	3.1 U	3.7 U	4 U	3.7 U	3.3 U	3.6 U	3.7 U	4.1 U	4.4 U	4.2 U	3.9 U	3.4 U	3.9 U
Ethylbenzene	70,000	70,000	70,000	Type 3	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	4.1 U	3.1 U	58	7	3.7 U	3.3 U	3.6 U	3.7 U	4.1 U	4.4 U	4.2 U	3.9 U	3.4 U	3.9 U
Isopropylbenzene	21,900	85,500	85,500	Type 4	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	4.1 U	3.1 U	3.7 U	4 U	3.7 U	3.3 U	3.6 U	3.7 U	4.1 U	4.4 U	4.2 U	3.9 U	3.4 U	3.9 U
Methylene chloride	500	2,800	2,800	Type 4	NA	NA	NA	12 U	14 U	11 U	14 U	12 U	14 U	16 U	16 U	13 U	15 U	16 U	15 U	13 U	14 U	15 U	16 U	17 U	17 U	16 U	14 U	16 U
Tetrachloroethene (PCE)	500	500	500	Type 3	NA	NA	NA	330	3.5 U	9.5	47	36	14	16	9.4	13	3.7 U	15	26	4.1	3.6 U	45	40	120	93	18	11	3.9 U
Toluene	100,000	100,000	100,000	Type 3	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	4.1 U	3.1 U	7	7.3	3.7 U	3.3 U	3.6 U	3.7 U	4.1 U	4.4 U	4.2 U	3.9 U	3.4 U	3.9 U
trans-1,2-Dichloroethene	10,000	10,000	10,000	Type 3	NA	NA	NA	3.1 U	6.9	17	3.6 U	3.0 U	3.6 U	4.0 U	5.7	3.1 U	27	31	6.3	10	4.3	3.7 U	20	4.4 U	4.2 U	3.9 U	3.4 U	3.9 U
Trichloroethene (TCE)	500	500	500	Type 3	NA	NA	NA	13	3.5 U	2.8 U	5.5	23	3.6 U	4.0 U	5.1	4.2	3.7 U	4 U	38	50	8.9	56	53	8.6	8.5	4.7	3.4 U	3.9 U
Vinyl Chloride	200	200	200	Type 3	NA	NA	NA	6.2 U	6.9 U	5.6 U	7.2 U	6.1 U	7.2 U	8.0 U	8.2 U	6.3 U	86	160	7.4 U	6.6 U	11	7.3 U	9	8.7 U	8.5 U	7.8 U	12	7.8 U
Xylene (total)	1,000,000	1,000,000	1,000,000	Type 3	NA	NA	NA	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	4.1 U	5.2	110	47	3.7 U	5	3.6 U	3.7 U	4.1 U	25	6.7	11	3.4 U	3.9 U
Semivolatiles- ug/kg																												
bis(2-Ethyllhexyl)phthalate	50,000	326,000	326,000	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	360,000	1,514,000	1,514,000	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100,000	100,000	100,000	Type 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides - mg/kg																												
4,4' -DDD	0.660	12.9	12.9	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4' -DDE	0.660	9.15	9.15	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4' -DDT	0.660	13.1	13.1	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane	9.20	9.2	9.2	Type 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.660	0.66	0.66	Type 3	4.1 U	4.1 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	9.20	9.2	9.2	Type 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Soil Analytical Data - Former East Tank Farm Area
Detected Constituents Remaining

	Location	Type 1 RRS	Non-Residential RRS			WCB-85	WCB-85	WCB-89	WCB-89	WCB-111	WCB-112	WCTX-18	WCTX-18	WCTX-1S	WCTX-1E	WCTX-1N	WCTX-1W
	Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')		0-2'	3-5'	3-5'	5-7'	5-7'	4-5'	0-2'	2-4'	6-8'	6-8'	6-8'	6-8'
	Date Sampled		RRS	RRS	RRS Type	4/9/14	4/9/14	4/9/14	4/9/14	5/19/14	5/19/14	8/11/14	8/11/14	8/13/14	8/13/14	8/13/14	8/13/14
Volatiles-ug/kg																	
1,1,1-Trichloroethane		20,000	253,000	253,000	Type 4	3.8 U	3.6 U	180 U	4.5 U	4.5 U	4.1 U	4.3 U	3.8 U	NA	NA	NA	NA
1,1-Dichloroethane		400,000	400,000	400,000	Type 3	3.8 U	3.6 U	180 U	4.5 U	4.5 U	4.1 U	4.3 U	4	NA	NA	NA	NA
1,1-Dichloroethene		700	700	700	Type 3	3.8 U	3.6 U	180 U	4.5 U	4.5 U	4.1 U	4.3 U	3.8 U	NA	NA	NA	NA
1,2,4-Trichlorobenzene		10,800	10,800	10,800	Type 3	3.8 U	3.6 U	180 U	4.5 U	4.5 U	4.6	4.3 U	3.8 U	NA	NA	NA	NA
1,2-Dichlorobenzene		60,000	60,000	60,000	Type 3	3.8 U	3.6 U	180 U	4.5 U	12	46	4.3 U	110	NA	NA	NA	NA
1,3-Dichlorobenzene		60,000	60,000	60,000	Type 3	3.8 U	3.6 U	180 U	4.5 U	30	19	4.3 U	32	NA	NA	NA	NA
1,4-Dichlorobenzene		7,500	7,500	7,500	Type 3	3.8 U	3.6 U	180 U	4.5 U	68	21	4.3 U	37	NA	NA	NA	NA
Acetone		400,000	400,000	400,000	Type 3	77 U	71 U	3500 U	89 U	89 U	82 U	85 U	77 U	NA	NA	NA	NA
Chlorobenzene		10,000	10,000	10,000	Type 3	3.8 U	3.6 U	180 U	4.5 U	2200	4.1 U	4.3 U	3.8 U	NA	NA	NA	NA
cis-1,2-Dichloroethene		7,000	7,000	7,000	Type 3	3.8 U	11	180 U	4.5 U	8.9	180	38	4200	NA	NA	NA	NA
Cyclohexane		20,000	1,093,000	1,093,000	Type 4	3.8 U	3.6 U	180 U	4.5 U	4.5 U	4.1 U	4.3 U	3.8 U	NA	NA	NA	NA
Ethylbenzene		70,000	70,000	70,000	Type 3	3.8 U	3.6 U	180 U	4.5 U	4.5 U	4.4	4.3 U	3200	NA	NA	NA	NA
Isopropylbenzene		21,900	85,500	85,500	Type 4	3.8 U	3.6 U	180 U	4.5 U	4.5 U	4.1 U	4.3 U	62	NA	NA	NA	NA
Methylene chloride		500	2,800	2,800	Type 4	15 U	14 U	710 U	18 U	18 U	16 U	17 U	15 U	NA	NA	NA	NA
Tetrachloroethene (PCE)		500	500	500	Type 3	3.8 U	5.1	180 U	12	4.5 U	270	39	360	NA	NA	NA	NA
Toluene		100,000	100,000	100,000	Type 3	3.8 U	3.6 U	180 U	4.5 U	4.5 U	4.1 U	4.3 U	960	NA	NA	NA	NA
trans-1,2-Dichloroethene		10,000	10,000	10,000	Type 3	3.8 U	3.6 U	180 U	4.5 U	4.5 U	4.5	4.3 U	28	NA	NA	NA	NA
Trichloroethene (TCE)		500	500	500	Type 3	3.8 U	11	180 U	12	4.5 U	96	12	140	NA	NA	NA	NA
Vinyl Chloride		200	200	200	Type 3	7.7 U	7.1 U	350 U	8.9 U	8.9 U	8.2 U	8.5 U	7.7 U	NA	NA	NA	NA
Xylene (total)		1,000,000	1,000,000	1,000,000	Type 3	3.8 U	3.6 U	180 U	4.5 U	4.5 U	34	4.3 U	21000	NA	NA	NA	NA
Semivolatiles- ug/kg																	
bis(2-Ethyllhexyl)phthalate		50,000	326,000	326,000	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene		360,000	1,514,000	1,514,000	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene		100,000	100,000	100,000	Type 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides - mg/kg																	
4,4' -DDD		0.660	12.9	12.9	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	0.72	0.037	0.0043 U	0.0043 U
4,4' -DDE		0.660	9.15	9.15	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	0.25	0.12	0.0043 U	0.0043 U
4,4' -DDT		0.660	13.1	13.1	Type 4	NA	NA	NA	NA	NA	NA	NA	NA	0.033	0.07	0.0043 U	0.0043 U
Chlordane		9.20	9.2	9.2	Type 3	NA	NA	NA	NA	NA	NA	NA	NA	0.0021 U	0.0019 U	0.0021 U	0.0022 U
Dieldrin		0.660	0.66	0.66	Type 3	NA	NA	NA	NA	NA	NA	NA	NA	0.0041 U	0.0039 U	0.0043 U	0.0043 U
gamma-Chlordane		9.20	9.2	9.2	Type 3	NA	NA	NA	NA	NA	NA	NA	NA	0.0021 U	0.0019 U	0.0021 U	0.0022 U

Table 3
Summary of Soil Analytical Data - Wastewater Sewer Area
Detected Constituents Remaining

Location		Non-Residential RRS		B-19-03A	B-19-03B	B-19-03C	B-20-03A	B-20-03B	B-20-03C	B-19	B-19	B-22-03	WCB-12	WCB-13	WCB-15	WCB-15	WCB-15	WCB-45	WCB-45	WCB-46	WCB-46	WCV-73	WCV-74	WCV-74	WCV-75	WCV-75	WCV-77	WCV-78	WCV-78	WCV-79	WCV-79	WCB-90	WCB-90
Depth (feet bgs)	Type 1 RRS	SS Soil (0-2')	SB Soil (>2')	2'-4'	4'-6'	8'-10'	2'-4'	4'-6'	8'-10'	2-4'	9-10'	9-10'	1-2'	8-10'	1-2'	2-4'	9-10'	2-4'	4-6'	2-4'	4-6'	6-8'	2-4'	6-7'	2-4'	6-8'	6-8'	2-4'	6-8'	2-4'	6-8'	4-6'	6-8'
Date Sampled		RRS	RRS	1/30/03	1/30/03	1/30/03	1/30/03	1/30/03	1/30/03	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/6/13	2/6/13	2/6/13	9/11/13	9/11/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	4/9/14	4/9/14
Volatiles-ug/kg																																	
1,1,1-Trichloroethane	20,000	253,000	253,000	8 U	6.5 U	8.6 U	5 U	5 U	5 U	6.4	4.4 U	4.7 U	7.4	6.5	35	19	4.7 U	5.8	3.5 U	3.4 U	3.6 U	4.4 U	3.5 U	4.6 U	3.5 U	7.5	3.7 U	21	17	3.7 U	9.3	3.8 U	6
1,1-Dichloroethane	400,000	400,000	400,000	8 U	6.5 U	8.6 U	5 U	5 U	5 U	11	4.4 U	4.7 U	4.7	13	99	60	6.5	7.3	3.5 U	3.4 U	3.6 U	4.4 U	3.5 U	9.9	3.5 U	4.2 U	3.7 U	3.9	3.6	3.7 U	4.1 U	6.2	12
1,1-Dichloroethene	700	700	700	8 U	6.5 U	8.6 U	5 U	5 U	5 U	3.7	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.5	3.5 U	3.4 U	3.6 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	6.8	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
1,2,4-Trichlorobenzene	10,800	10,800	10,800	330 U	330 U	330 U	330 U	330 U	330 U	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	4.4 U	3.5 U	26	8.3	4.8	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
1,2-Dichlorobenzene	60,000	60,000	60,000	330 U	330 U	330 U	330 U	330 U	330 U	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	6.6	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	4.4 U	3.5 U	10	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
1,2-Dichloroethane	500	500	500	8 U	6.5 U	8.6 U	5 U	5 U	5 U	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
1,2-Dichloropropane	500	500	500	NA	NA	NA	NA	NA	NA	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	18	13	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
1,3-Dichlorobenzene	60,000	60,000	60,000	NA	NA	NA	NA	NA	NA	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	450	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
1,4-Dichlorobenzene	7,500	7,500	7,500	NA	NA	NA	NA	NA	NA	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	100	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
2-Butanone	200,000	200,000	200,000	NA	NA	NA	NA	NA	NA	35 U	44 U	47 U	39 U	41 U	43 U	38 U	47 U	33 U	35 U	34 U	36 U	50	35 U	46 U	35 U	42 U	37 U	32 U	36 U	37 U	41 U	38 U	39 U
4-Methyl-2-pentanone	200,000	200,000	200,000	NA	NA	NA	NA	NA	NA	7 U	8.8 U	9.4 U	7.9 U	8.1 U	8.7 U	7.6 U	9.4 U	6.7 U	7.0 U	6.7 U	7.1 U	8.8 U	7.1 U	9.1 U	6.9 U	8.4 U	7.4 U	6.5 U	7.3 U	7.4 U	8.1 U	7.6 U	7.7 U
Acetone	400,000	400,000	400,000	80 U	340	990	50 U	2500 U	350	70 U	88 U	2100	79 U	81 U	87 U	76 U	94 U	67 U	70 U	67 U	71 U	440	71 U	91 U	69 U	84 U	130	65 U	73 U	74 U	81 U	76 U	77 U
Chlorobenzene	10,000	10,000	10,000	8 U	6.5 U	8.6 U	5 U	5 U	5 U	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
cis-1,2-Dichloroethene	7,000	7,000	7,000	9	6.5 U	8.6 U	5 U	16	5 U	68	8.2	22	16	72	110	230	34	12	7.4	3.4 U	3.6 U	380	15	38	3.5 U	4.2 U	6	4.7	8.6	3.7 U	4.1 U	32	62
Ethylbenzene	70,000	70,000	70,000	8 U	6.5 U	8.6 U	5 U	5 U	5 U	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	13	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
Isopropylbenzene	21,900	85,500	85,500	NA	NA	NA	NA	NA	NA	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	4.7	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
Methylene chloride	500	2,800	2,800	16 U	13 U	17 U	10 U	10 U	10 U	14 U	18 U	19 U	16 U	16 U	17 U	15 U	19 U	13 U	14 U	13 U	14 U	18 U	14 U	18 U	14 U	17 U	15 U	13 U	15 U	15 U	16 U	15 U	15 U
Tetrachloroethene (PCE)	500	500	500	25	180	220	5 U	250 U	5 U	27	4.4 U	4.7 U	51	18	170	44	5.9	18	4.5	7.3	3.6 U	12	11	19	4.3	6.7	21	26	11	3.9	6.5	13	28
Toluene	100,000	100,000	100,000	8 U	6.5 U	8.6 U	5 U	5 U	5 U	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	4.8	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
trans-1,2-Dichloroethene	10,000	10,000	10,000	NA	NA	NA	NA	NA	NA	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	4.5	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
Trichloroethene (TCE)	500	500	500	8 U	6.5 U	8.6 U	5 U	20	5 U	19	4.4 U	4.7 U	15	21	75	30	4.7 U	13	4.3	4.3	3.6 U	100	4.8	10	23	87	3.7 U	11	4.6	3.7 U	4.3	12	26
Vinyl Chloride	200	200	200	8 U	6.5 U	8.6 U	5 U	5 U	5 U	7 U	8.8 U	9.4 U	7.9 U	8.1 U	8.7 U	7.6 U	9.4 U	6.7 U	7.0 U	6.7 U	7.1 U	8.8 U	7.1 U	9.1 U	6.9 U	8.4 U	7.4 U	6.5 U	7.3 U	7.4 U	8.1 U	7.6 U	7.7 U
Xylene (total)	1,000,000	1,000,000	1,000,000	24 U	20 U	26 U	15 U	15 U	15 U	3.5 U	4.4 U	4.7 U	3.9 U	4.1 U	4.3 U	3.8 U	4.7 U	3.3 U	3.5 U	3.4 U	3.6 U	63	3.5 U	4.6 U	3.5 U	4.2 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U	3.8 U	3.9 U
Semivolatiles- ug/kg																																	
Benzo(a)anthracene	5,000	10,100	10,100	NA	NA	NA	NA	NA	NA	420 U	420 U	440 U	NA	430 U	430 U	420 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5,000	5,000	5,000	NA	NA	NA	NA	NA	NA	420 U	420 U	440 U	NA	430 U	430 U	420 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	5,000	152,000	152,000	NA	NA	NA	NA	NA	NA	420 U	420 U	440 U	NA	430 U	430 U	420 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500,000	9,084,000	9,084,000	NA	NA	NA	NA	NA	NA	420 U	420 U	440 U	NA	430 U	430 U	420 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	360,000	1,514,000	1,514,000	NA	NA	NA	NA	NA	NA	420 U	420 U	440 U	NA	430 U	430 U	420 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100,000	100,000	100,000	330 U	330 U	330 U	330 U	330 U	330 U	420 U	420 U	440 U	NA	430 U	430 U	420 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	110,000	110,000	100,000,000	330 U	330 U	330 U	330 U	330 U	330 U	420 U	420 U	440 U	NA	430 U	430 U	420 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	400,000	400,000	400,000	NA	NA	NA	NA	NA	NA	420 U	420 U	440 U	NA	430 U	430 U	420 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500,000	6,677,000	6,677,000	NA	NA	NA	NA	NA	NA	420 U	420 U	440 U	NA	430 U	430 U	420 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

NA Not Analyzed

Only those compounds detected in one or more samples are shown.

U Analyte undetected at reporting limit shown

J Dectected below the sample quantitation limit of instrument

Analyte detected greater than the non-residential RRS

Table 3
Summary of Soil Analytical Data - Wastewater Sewer Area
Detected Constituents Remaining

Location	Type 1 RRS	Non-Residential RRS		WCB-91	WCB-91	WCB-94	WCB-97	WCB-97	WCB-97	WCB-113	WCB-113	WCB-113	WCB-114	WCB-115	WCB-115	WCB-115	WCB-116	WCB-116	WCB-116	WCB-117	WCB-117	WCTX-44	WCTX-45	WCTX-32	WCTX-32
Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')	4-6'	6-8'	5-7'	0-2	2-4'	5-7'	0-2'	3-5'	7-9'	5-7'	0-2'	3-5'	5-7'	0-2'	3-5'	6-8	3-5'	6-8	0-2'	0-2'	0-2'	3-5'
Date Sampled		RRS	RRS	4/9/14	4/9/14	4/9/14	4/9/14	4/9/14	4/9/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	7/30/14	7/30/14	8/11/14	8/11/14
Volatiles-ug/kg																									
1,1,1-Trichloroethane	20,000	253,000	253,000	64	54	13	3.9 U	4.6 U	4 U	3.9 U	3.9 U	11	10	3.8 U	7.3	5.3	3.8 U	5.2 U	3.8 U	3.5 U	3.4 U	4.8 U	3.6 U	4.1 U	4.4 U
1,1-Dichloroethane	400,000	400,000	400,000	92	74	4.3 U	3.9 U	4.6 U	4 U	3.9 U	3.9 U	13	3.3 U	3.8 U	6.9	5.9	3.8 U	5.2 U	3.8 U	3.5 U	3.4 U	4.8 U	3.6 U	4.1 U	4.4 U
1,1-Dichloroethene	700	700	700	21	21	4.3 U	3.9 U	4.6 U	4 U	3.9 U	5	4.5	3.7	3.8 U	4.2	4.3 U	3.8 U	5.2 U	3.8 U	3.5 U	3.4 U	4.8 U	3.6 U	4.1 U	4.4 U
1,2,4-Trichlorobenzene	10,800	10,800	10,800	3.6 U	3.9 U	4.3 U	34	35	99	4.6	3.9 U	20	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	29	15	39	18	4.1 U	4.4 U
1,2-Dichlorobenzene	60,000	60,000	60,000	5.5	4.2	4.3 U	3.9 U	4.6 U	8.1	12	3.9 U	6.4	3.3 U	8	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	78	79	130	16	5.1	4.4 U
1,2-Dichloroethane	500	500	500	3.6 U	3.9 U	4.3 U	3.9 U	4.6 U	4 U	3.9 U	3.9 U	3.8 U	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	3.5 U	3.4 U	4.8 U	3.6 U	4.1 U	4.4 U
1,2-Dichloropropane	500	500	500	12	9.7	4.3 U	3.9 U	4.6 U	4 U	3.9 U	3.9 U	3.8 U	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	3.5 U	3.4 U	4.8 U	3.6 U	4.1 U	4.4 U
1,3-Dichlorobenzene	60,000	60,000	60,000	3.6 U	3.9 U	4.3 U	3.9 U	4.6 U	6.9	3.9 U	3.9 U	11	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	12	18	7.7	3.6 U	4.1 U	4.4 U
1,4-Dichlorobenzene	7,500	7,500	7,500	3.6 U	3.9 U	4.3 U	3.9 U	4.6 U	5.6	3.9 U	3.9 U	5	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	14	15	10	3.6 U	4.1 U	4.4 U
2-Butanone	200,000	200,000	200,000	36 U	39 U	43 U	41	82	40 U	39 U	39 U	38 U	33 U	38 U	34 U	43 U	38 U	52 U	38 U	35 U	34 U	48 U	36 U	41 U	44 U
4-Methyl-2-pentanone	200,000	200,000	200,000	7.3 U	7.8 U	8.6 U	7.8 U	9.2 U	8 U	7.8 U	7.8 U	7.5 U	6.5 U	7.6 U	6.8 U	8.7 U	7.6 U	10 U	7.6 U	7 U	6.7 U	9.5 U	7.2 U	8.1 U	8.7 U
Acetone	400,000	400,000	400,000	73 U	78 U	99	160	380	150	78 U	78 U	75 U	65 U	76 U	68 U	87 U	76 U	100 U	76 U	1700	1800	210	72 U	81 U	87 U
Chlorobenzene	10,000	10,000	10,000	3.6 U	3.9 U	4.3 U	3.9 U	4.6 U	4 U	3.9 U	3.9 U	3.8 U	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	3.5 U	3.4 U	4.8 U	3.6 U	4.1 U	4.4 U
cis-1,2-Dichloroethene	7,000	7,000	7,000	380	220	24	3.9 U	4.6 U	5.7	3.9 U	25	46	36	79	180	130	29	30	110	4.9	69	4.8 U	3.6 U	4.1 U	9.6
Ethylbenzene	70,000	70,000	70,000	3.6 U	3.9 U	4.3 U	3.9 U	4.6 U	4 U	3.9 U	3.9 U	3.8 U	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	3.5 U	5.4	4.8 U	3.6 U	4.1 U	4.4 U
Isopropylbenzene	21,900	85,500	85,500	3.6 U	3.9 U	4.3 U	3.9 U	4.6 U	4 U	3.9 U	3.9 U	3.8 U	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	3.5 U	3.4 U	4.8 U	3.6 U	4.1 U	4.4 U
Methylene chloride	500	2,800	2,800	15 U	16 U	17 U	16 U	18 U	16 U	16 U	16 U	15 U	13 U	15 U	14 U	13 U	15 U	21 U	15 U	14 U	14 U	19 U	14 U	16 U	17 U
Tetrachloroethene (PCE)	500	500	500	110	100	97	7.8	15	71	10	6.8	54	120	150	94	60	12	6.3	12	120	48	37	13	46	39
Toluene	100,000	100,000	100,000	3.6 U	3.9 U	4.3 U	3.9 U	4.6 U	4 U	3.9 U	3.9 U	3.8 U	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	3.5 U	3.4 U	4.8 U	3.6 U	4.1 U	4.4 U
trans-1,2-Dichloroethene	10,000	10,000	10,000	3.6 U	3.9 U	4.3 U	3.9 U	4.6 U	4 U	3.9 U	3.9 U	3.8 U	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	3.5 U	3.4 U	4.8 U	3.6 U	4.1 U	4.4 U
Trichloroethene (TCE)	500	500	500	110	93	9.9	3.9 U	4.6 U	18	3.9 U	4.7	22	24	30	23	17	13	7.1	14	26	220	4.8 U	3.6 U	4.1 U	7
Vinyl Chloride	200	200	200	7.3 U	7.8 U	8.6 U	7.8 U	9.2 U	8 U	7.8 U	7.8 U	7.5 U	7.5 U	7.6 U	6.8 U	7.5 U	7.6 U	10 U	7.6 U	7 U	6.7 U	9.5 U	7.2 U	8.1 U	8.7 U
Xylene (total)	1,000,000	1,000,000	1,000,000	3.6 U	3.9 U	4.3 U	3.9 U	4.6 U	4 U	3.9 U	3.9 U	3.8 U	3.3 U	3.8 U	3.4 U	4.3 U	3.8 U	5.2 U	3.8 U	17	32	4.8 U	3.6 U	4.1 U	4.4 U
Semivolatiles- ug/kg																									
Benzo(a)anthracene	5,000	10,100	10,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5,000	5,000	5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	5,000	152,000	152,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500,000	9,084,000	9,084,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	360,000	1,514,000	1,514,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100,000	100,000	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	110,000	110,000	100,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	400,000	400,000	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500,000	6,677,000	6,677,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Soil Analytical Data - Former Pump Room Area
Detected Constituents Remaining

Location	Type 1 RRS	Non-Residential RRS		B-17-03A	B-17-03B	B-17-03C	B-8A	B-8B	B-31B	B-31A	B-31C	B-8	B-8	B-8	WCB-5	WCB-5	WCB-5	WCB-6	WCB-6	WCB-6	WCB-7	WCB-7	WCB-7	WCB-10	WCB-10
Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')	2'-4'	4'-6'	8'-10'	3	5	5	3	9	0-2'	2-4'	8-9'	0-2'	2-4'	8-9'	0-2'	2-4'	9-10'	1-2'	5-6'	7-8'	0-2'	2-4'
Date Sampled		RRS	RRS	1/30/03	1/30/03	1/30/03	3/20/03	3/20/03	3/20/03	3/20/03	3/20/03	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13	2/5/13
Volatiles-ug/kg																									
1,1,1-Trichloroethane	20,000	253,000	253,000	5 U	6.4 U	11 U	NA	NA	NA	NA	NA	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
1,1-Dichloroethane	400,000	400,000	400,000	5 U	6.4 U	11 U	NA	NA	NA	NA	NA	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
1,1-Dichloroethene	700	700	700	5 U	6.4 U	11 U	4 U	9.1 U	4.7 U	4.3 U	4.7 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
1,2,4-Trichlorobenzene	10,800	10,800	10,800	330 U	330 U	330 U	330 U	1700 U	330 U	330 U	330 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
1,2-Dichlorobenzene	60,000	60,000	60,000	330 U	330 U	330 U	330 U	1700 U	330 U	330 U	330 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
1,2-Dichloroethane	500	500	500	5 U	6.4 U	11 U	NA	NA	NA	NA	NA	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
1,3-Dichlorobenzene	60,000	60,000	60,000	NA	NA	NA	330 U	1700 U	330 U	330 U	330 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
1,4-Dichlorobenzene	7,500	7,500	7,500	NA	NA	NA	330 U	1700 U	330 U	330 U	330 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
2-Butanone	200,000	200,000	200,000	NA	NA	NA	NA	NA	NA	NA	NA	43 U	44 U	41 U	44 U	50 U	48 U	42 U	42 U	47 U	49 U	51 U	44 U	34 U	36 U
Acetone	400,000	400,000	400,000	50 U	64	110 U	50 U	91 U	47 U	43 U	77	85 U	87 U	83 U	89 U	99 U	95 U	85 U	83 U	95 U	97 U	300	560	68 U	72 U
Benzene	500	500	500	5 U	6.4 U	11 U	43	9.1 U	4.7 U	4.3 U	4.7 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
Chlorobenzene	10,000	10,000	10,000	5 U	6.4 U	11 U	50	9.1 U	4.7 U	4.3 U	4.7 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
cis-1,2-Dichloroethene	7,000	7,000	7,000	5 U	100	11 U	NA	NA	4.7 U	4.3 U	4.7 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	7.4	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
Ethylbenzene	70,000	70,000	70,000	5 U	6.4 U	11 U	5 U	9.1 U	4.7 U	4.3 U	4.7 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
Isopropylbenzene	21,900	85,500	85,500	NA	NA	NA	NA	NA	NA	NA	NA	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
Tetrachloroethene (PCE)	500	500	500	22	170	58	5 U	9.1 U	4.7 U	4.3 U	4.7 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
Toluene	100,000	100,000	100,000	5 U	6.4 U	11 U	51	9.1 U	4.7 U	4.3 U	4.7 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
trans-1,2-Dichloroethene	10,000	10,000	10,000	NA	NA	NA	NA	NA	NA	NA	NA	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
Trichloroethene (TCE)	500	500	500	4.6	52	11 U	39	9.1 U	4.7 U	4.3 U	4.7 U	4.3 U	4.4 U	4.1 U	4.4 U	5.0 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
Vinyl Chloride	200	200	200	5 U	6.4 U	11 U	NA	NA	NA	NA	NA	8.5 U	8.7 U	8.3 U	8.9 U	9.9 U	9.5 U	8.5 U	8.3 U	9.5 U	9.7 U	10 U	8.7 U	6.8 U	7.2 U
Xylene (total)	1,000,000	1,000,000	1,000,000	15 U	19 U	34 U	15 U	27 U	14	13 U	14 U	4.3 U	4.4 U	4.1 U	4.4 U	5 U	4.8 U	4.2 U	4.2 U	4.7 U	4.9 U	5.1 U	4.4 U	3.4 U	3.6 U
Semivolatiles- ug/kg																									
Acenaphthene	300,000	1,258,000	1,258,000	NA	NA	NA	330 U	1700 U	330 U	330 U	330 U	410 U	410 U	430 U	420 U	420 U	400 U	400 U	400 U	400 U	430 U	440 U	450 U	380 U	400 U
Anthracene	500,000	20,187,000	20,187,000	NA	NA	NA	NA	NA	NA	NA	NA	410 U	410 U	430 U	420 U	420 U	400 U	400 U	400 U	400 U	430 U	440 U	450 U	380 U	400 U
Fluoranthene	500,000	9,084,000	9,084,000	NA	NA	NA	NA	NA	NA	NA	NA	410 U	410 U	430 U	420 U	420 U	400 U	400 U	400 U	400 U	430 U	440 U	450 U	380 U	400 U
Fluorene	360,000	1,514,000	1,514,000	NA	NA		330 U	1700 U	330 U	330 U	330 U	410 U	410 U	430 U	420 U	420 U	400 U	400 U	400 U	400 U	430 U	440 U	450 U	380 U	400 U
Naphthalene	100,000	100,000	100,000	330 U	330 U	330 U	330 U	1700 U	330 U	330 U	330 U	410 U	410 U	430 U	420 U	420 U	400 U	400 U	400 U	400 U	430 U	440 U	450 U	380 U	400 U
Phenanthrene	110,000	110,000	100,000,000	330 U	330 U	330 U	NA	NA	NA	NA	NA	410 U	410 U	430 U	420 U	420 U	400 U	400 U	400 U	400 U	430 U	440 U	450 U	380 U	400 U
Pyrene	500,000	6,677,000	6,677,000	NA	NA	NA	NA	NA	NA	NA	NA	410 U	410 U	430 U	420 U	420 U	400 U	400 U	400 U	400 U	430 U	440 U	450 U	380 U	400 U

Notes:

NA Not Analyzed

Only those compounds detected in one or more samples are shown.

U Analyte undetected at reporting limit shown

J Dectected below the sample quantitation limit of instrument

Analyte detected greater than the non-residential RRS

Table 3
Summary of Soil Analytical Data - Former Pump Room Area
Detected Constituents Remaining

Location	Type 1 RRS	Non-Residential RRS		WCB-10	WCB-48	WCB-49	WCB-49	WCB-50	WCB-51	WCB-52	WCB-52	WCB-52	WCB-53	WCB-B8-02	WCB-B8-02	WCB-B8-02	WCB-55	WCB-55	WCV-72	WCV-72	WCB-82	WCB-83	WCB-83	WCB-83	WCB-98	WCB-99	WCB-99	WCB-103	WCB-103	WCB-103	WCB-104	WCB-104	WCB-104
Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')	9-10'	8-10'	4-6'	8-10'	0-2'	0-2'	0-2'	4-6'	8-10'	0-2'	0-2'	4-6'	8-10'	4-6'	8-10'	2-4'	6-8'	8-10'	0-2'	4-6'	8-10'	6-8'	6-8'	8-10'	0-2'	3-5'	8-10'	0-2'	3-5'	8-10'
Date Sampled		RRS	RRS	2/5/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/6/13	9/6/13	9/11/13	9/11/13	9/11/13	9/11/13	4/9/14	4/9/14	4/9/14	4/9/14	4/9/14	4/9/14	4/9/14	4/9/14	4/9/14
Volatiles-ug/kg																																	
1,1,1-Trichloroethane	20,000	253,000	253,000	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	29	76	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
1,1-Dichloroethane	400,000	400,000	400,000	3.8 U	5.9	4.5	3.8 U	13	2.9 U	2.7 U	3.2 U	3.6 U	19	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	12	41	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	4.1	2.6 U	3 U	3.8 U
1,1-Dichloroethene	700	700	700	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	27	39	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
1,2,4-Trichlorobenzene	10,800	10,800	10,800	3500	7.4	3.2 U	6.7	3.4 U	2.9 U	2.7 U	3.2 U	4	3.7 U	3.9 U	6	72	5.8	12	3.4 U	3.7 U	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	5.8	2.9 U	3.8 U	2.6 U	3 U	3.8 U
1,2-Dichlorobenzene	60,000	60,000	60,000	13	13	3.2 U	5.8	4.4	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	4.6	5.1	67	4.4 U	6.2	3.4 U	18	4.1 U	4.9	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
1,2-Dichloroethane	500	500	500	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	3.4 U	16	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
1,3-Dichlorobenzene	60,000	60,000	60,000	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	5.5	4.4 U	4.3 U	3.4 U	3.7 U	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
1,4-Dichlorobenzene	7,500	7,500	7,500	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	12	4.4 U	4.3 U	3.4 U	3.7 U	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
2-Butanone	200,000	200,000	200,000	38 U	34 U	32 U	38 U	34 U	29 U	27 U	32 U	36 U	37 U	39 U	44 U	38 U	44 U	43 U	34 U	37 U	41 U	37 U	36 U	41 U	34 U	39 U	41 U	39 U	29 U	38 U	26 U	30 U	38 U
Acetone	400,000	400,000	400,000	76 U	68 U	63 U	76 U	68 U	58	53 U	68	72 U	75 U	79 U	87 U	470	120	86 U	80	74 U	82 U	74 U	72 U	82 U	69 U	79 U	83 U	78 U	59 U	76 U	53 U	59 U	77 U
Benzene	500	500	500	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	3.4 U	3.7 U	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
Chlorobenzene	10,000	10,000	10,000	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	3.4 U	3.7 U	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
cis-1,2-Dichloroethene	7,000	7,000	7,000	3.8 U	69	6.2	15	250	2.9 U	3.6	3.2 U	3.6 U	170	67	12	25	4.4 U	4.3 U	11	21	4.1 U	3.7 U	3.6 U	4.1 U	55	42	54	5.9	10	8.5	16	6.1	3.8 U
Ethylbenzene	70,000	70,000	70,000	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	3.4 U	3.7 U	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
Isopropylbenzene	21,900	85,500	85,500	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	3.4 U	3.7 U	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
Tetrachloroethene (PCE)	500	500	500	3.8 U	59	6.7	14	17	5.2	2.7 U	3.2 U	3.6 U	100	40	4.4 U	6.6	33	4.3 U	220	350	4.1 U	8.5	22	4.1 U	80	84	110	21	21	3.8 U	2.6 U	3 U	3.8 U
Toluene	100,000	100,000	100,000	4.6	3500	3.2 U	19	14	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	3.4 U	4.2	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
trans-1,2-Dichloroethene	10,000	10,000	10,000	3.8 U	3.4 U	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	4.4	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	3.4 U	3.7 U	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
Trichloroethene (TCE)	500	500	500	3.8 U	24	8.7	8.6	5.8	4.1	2.7 U	3.2 U	3.6 U	31	29	4.4 U	6	9.7	4.3 U	67	170	4.1 U	3.7 U	3.6 U	4.1 U	16	16	16	16	10	5.7	2.6 U	3 U	3.8 U
Vinyl Chloride	200	200	200	7.6 U	6.8 U	6.3 U	7.6 U	9.2	5.7 U	5.3 U	6.4 U	7.2 U	17	7.9 U	8.7 U	7.5 U	8.7 U	8.6 U	6.9 U	7.4 U	8.2 U	7.4 U	7.2 U	8.2 U	6.9 U	7.9 U	8.3 U	7.8 U	5.9 U	7.6 U	5.3 U	5.9 U	7.7 U
Xylene (total)	1,000,000	1,000,000	1,000,000	3.8 U	12	3.2 U	3.8 U	3.4 U	2.9 U	2.7 U	3.2 U	3.6 U	3.7 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	3.4 U	8.4	4.1 U	3.7 U	3.6 U	4.1 U	3.4 U	3.9 U	4.1 U	3.9 U	2.9 U	3.8 U	2.6 U	3 U	3.8 U
Semivolatiles- ug/kg																																	
Acenaphthene	300,000	1,258,000	1,258,000	410 U	430 U	390 U	420 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500,000	20,187,000	20,187,000	410 U	430 U	390 U	420 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500,000	9,084,000	9,084,000	410 U	430 U	390 U	420 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	360,000	1,514,000	1,514,000	410 U	430 U	390 U	420 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100,000	100,000	100,000	610	430 U	390 U	420 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	110,000	110,000	100,000,000	410 U	430 U	390 U	420 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500,000	6,677,000	6,677,000	410 U	430 U	390 U	420 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Soil Analytical Data - Former Pump Room Area
Detected Constituents Remaining

	Location	Type 1 RRS	Non-Residential RRS		WCB-118	WCB-118	WCTX-68B	WCTX-67B	WCTX-67B	WCTX-68D
	Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')	0-2'	3-5'	7-9'	3-5'	7-9'	3-5'
	Date Sampled		RRS	RRS	5/19/14	5/19/14	7/30/14	8/1/14	8/1/14	8/5/14
Volatiles-ug/kg										
1,1,1-Trichloroethane		20,000	253,000	253,000	3.9 U	4.2 U	5.1 U	41	26	5 U
1,1-Dichloroethane		400,000	400,000	400,000	3.9 U	4.2 U	5.1 U	22	16	5 U
1,1-Dichloroethene		700	700	700	3.9 U	4.2 U	5.1 U	14	11	5 U
1,2,4-Trichlorobenzene		10,800	10,800	10,800	6	4.2 U	5.1 U	4.3 U	3.8 U	5 U
1,2-Dichlorobenzene		60,000	60,000	60,000	12	4.2 U	5.1 U	35	29	5 U
1,2-Dichloroethane		500	500	500	3.9 U	4.2 U	5.1 U	14	12	5 U
1,3-Dichlorobenzene		60,000	60,000	60,000	3.9 U	4.2 U	5.1 U	4.3 U	3.8 U	5 U
1,4-Dichlorobenzene		7,500	7,500	7,500	3.9 U	4.2 U	5.1 U	4.3 U	3.8 U	5 U
2-Butanone		200,000	200,000	200,000	39 U	42 U	51 U	43 U	38 U	50 U
Acetone		400,000	400,000	400,000	140	83 U	100 U	87 U	75 U	100 U
Benzene		500	500	500	3.9 U	4.2 U	5.1 U	4.3 U	3.8 U	5 U
Chlorobenzene		10,000	10,000	10,000	3.9 U	4.2 U	5.1 U	4.3 U	3.8 U	5 U
cis-1,2-Dichloroethene		7,000	7,000	7,000	3.9 U	35	5.1 U	4.3 U	4	5 U
Ethylbenzene		70,000	70,000	70,000	3.9 U	4.2 U	5.1 U	4.3 U	3.8 U	5 U
Isopropylbenzene		21,900	85,500	85,500	3.9 U	4.2 U	5.1 U	4.3 U	3.8 U	5 U
Tetrachloroethene (PCE)		500	500	500	48	140	70	120	87	42
Toluene		100,000	100,000	100,000	3.9 U	4.2 U	5.1 U	4.4	3.8 U	5 U
trans-1,2-Dichloroethene		10,000	10,000	10,000	3.9 U	4.2 U	5.1 U	4.3 U	3.8 U	5 U
Trichloroethene (TCE)		500	500	500	4.7	27	7.6	81	60	14
Vinyl Chloride		200	200	200	7.8 U	8.3 U	10 U	8.7 U	7.5 U	10 U
Xylene (total)		1,000,000	1,000,000	1,000,000	3.9 U	4.2 U	5.1 U	13	9.9	5 U
Semivolatiles- ug/kg										
Acenaphthene		300,000	1,258,000	1,258,000	NA	NA	NA	NA	NA	NA
Anthracene		500,000	20,187,000	20,187,000	NA	NA	NA	NA	NA	NA
Fluoranthene		500,000	9,084,000	9,084,000	NA	NA	NA	NA	NA	NA
Fluorene		360,000	1,514,000	1,514,000	NA	NA	NA	NA	NA	NA
Naphthalene		100,000	100,000	100,000	NA	NA	NA	NA	NA	NA
Phenanthrene		110,000	110,000	100,000,000	NA	NA	NA	NA	NA	NA
Pyrene		500,000	6,677,000	6,677,000	NA	NA	NA	NA	NA	NA

Table 3
Summary of Soil Analytical Data - Wastewater Treatment Facility Area
Detected Constituents Remaining

Location	Type 1 RRS	Non-Residential RRS		B-15-03A	B-15-03B	B-15-03C	B-2	B-2	WCB-1	WCB-1	WCB-1	WCB-2	WCB-2	WCB-3	WCB-3	WCB-3	WCB-4	WCB-4	WCB-27	WCB-27	WCB-27	WTF-VER-74/74A	WCB-56	WCB-56	WCB-56
Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')	2'-4'	4'-6'	8'-10'	8-10'	12-13'	0-2'	2-4'	13-14'	0-2'	2-4'	0-2'	4-5'	10-12'	6-7'	13'-14'	0-2'	2-4'	6-7'	8-10'	0-2'	4-6'	7-9'
Date Sampled		RRS	RRS	1/30/03	1/30/03	1/30/03	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	2/4/13	9/10/13	9/10/13	9/10/13
Volatiles-ug/kg																									
1,2,4-Trichlorobenzene	10,800	10,800	10,800	330 U	330 U	330 U	3100	35	16	4.5 U	7.6	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	960	3.4 U	4.0 U	4.9 U
1,2-Dichlorobenzene	60,000	60,000	60,000	330 U	330 U	330 U	14	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	21	3.4 U	4.0 U	4.9 U
1,3-Dichlorobenzene	60,000	60,000	60,000	NA	NA	NA	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	21	3.4 U	4.0 U	4.9 U
1,4-Dichlorobenzene	7,500	7,500	7,500	NA	NA	NA	7.6	4.8 U	8.9	6.4	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	730	3.4 U	4.0 U	4.9 U
Acetone	400,000	400,000	400,000	63 U	120 U	61 U	85 U	96 U	110	91 U	72 U	81	80 U	80 U	98 U	83 U	95 U	96 U	79 U	69 U	82 U	100 U	69 U	80 U	99 U
Benzene	500	500	500	6 U	12 U	6 U	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	5.0 U	3.4 U	4.0 U	4.9 U
Carbon disulfide	400,000	400,000	400,000	NA	NA	NA	8.5 U	9.6 U	10 U	9.1 U	7.2 U	7.2 U	8.0 U	8.0 U	9.8 U	8.3 U	9.5 U	9.6 U	7.9 U	6.9 U	8.2 U	10 U	6.9 U	8.0 U	9.9 U
Chlorobenzene	10,000	10,000	10,000	6 U	12 U	6 U	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	480	3.4 U	4.0 U	4.9 U
cis-1,2-Dichloroethene	7,000	7,000	7,000	6 U	12 U	6 U	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	5.0 U	3.4 U	4.0 U	4.9 U
Ethylbenzene	70,000	70,000	70,000	6 U	12 U	6 U	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	5.0 U	3.4 U	4.0 U	4.9 U
Isopropylbenzene	21,900	85,500	85,500	NA	NA	NA	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	5.0 U	3.4 U	4.0 U	4.9 U
Styrene	14,000	135,000	135,000	NA	NA	NA	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	5.0 U	3.4 U	4.0 U	4.9 U
Tetrachloroethene (PCE)	500	500	500	6 U	12 U	6 U	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	8.5	3.9 U	3.5 U	4.1 U	5.0 U	3.4 U	4.0 U	4.9 U
Toluene	100,000	100,000	100,000	6 U	12 U	6 U	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	5.0 U	3.4 U	4.0 U	4.9 U
Trichloroethene (TCE)	500	500	500	6 U	12 U	6 U	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	5.0 U	3.4 U	4.0 U	4.9 U
Xylene (total)	1,000,000	1,000,000	1,000,000	19 U	36 U	18 U	4.2 U	4.8 U	5.2 U	4.5 U	3.6 U	3.6 U	4.0 U	4.0 U	4.9 U	4.2 U	4.7 U	4.8 U	3.9 U	3.5 U	4.1 U	5.0 U	3.4 U	4.0 U	4.9 U
Semivolatiles- ug/kg																									
Acenaphthene	300,000	1,258,000	1,258,000	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	990	390 U	410 U	410 U
Anthracene	500,000	20,187,000	20,187,000	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	390 U	410 U	410 U
Benzo(a)anthracene	5,000	10,100	10,100	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	440	410 U	410 U
Benzo(a)pyrene	1,640	4,700	4,700	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	720	410 U	410 U
Benzo(b)fluoranthene	5,000	5,000	5,000	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	1100	410 U	410 U
Benzo(g,h,i)perylene	500,000	500,000	100,000,000	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	680	410 U	410 U
Benzo(k)fluoranthene	5,000	49,600	49,600	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	450	410 U	410 U
Chrysene	5,000	152,000	152,000	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	690	410 U	410 U
Fluoranthene	500,000	9,084,000	9,084,000	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	790	410 U	410 U
Fluorene	360,000	1,514,000	1,514,000	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	390 U	410 U	410 U
Indeno(1,2,3-cd)pyrene	5,000	78,400	111,000	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	540	410 U	410 U
Naphthalene	100,000	100,000	100,000	330 U	330 U	330 U	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	1500	390 U	410 U	410 U
Phenanthrene	110,000	110,000	100,000,000	330 U	330 U	330 U	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	390 U	410 U	410 U
Pyrene	500,000	6,677,000	6,677,000	NA	NA	NA	420 U	440 U	390 U	420 U	390 U	380 U	390 U	400 U	420 U	400 U	420 U	400 U	390 U	390 U	380 U	360 U	690	410 U	410 U
Pesticides - mg/kg																									
4,4' -DDD	0.660	12.9	12.9	0.15	0.069	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4' -DDE	0.660	9.15	9.15	0.21	0.12	0.083 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4' -DDT	0.660	13.1	13.1	1.2	0.52	3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	0.660	0.66	0.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane	9.20	9.2	9.2	0.033 U	0.033 U	0.083 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.660	0.66	0.66	0.033 U	0.033 U	0.083 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	9.20	9.2	9.2	0.33 U	0.033 U	0.83 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	1.64	1.65	1.65	0.033 U	0.033 U	0.083 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

NA Not Analyzed

Only those compounds detected in one or more samples are shown.

U Analyte undetected at reporting limit shown

J Dectected below the sample quantitation limit of instrument

Analyte detected greater than the non-residential RRS

Table 3
Summary of Soil Analytical Data - Wastewater Treatment Facility Area
Detected Constituents Remaining

Location	Type 1 RRS	Non-Residential RRS		WCB-57	WCB-57	WCB-57	WCB-57	WCB-59	WCB-60	WCB-60	WCB-60	WCB-61	WCB-61	WCB-61	WCB-62	WCB-84	WCB-84	WCB-84	WCB-105	WCB-106	WCB-106	WCB-106	WCB-107
Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')	0-2'	4-6'	7-9'	11-13'	8-10'	0-2'	5-7'	9-11'	0-2'	5-7'	9-11'	9-11'	0-2'	5-7'	9-11'	0-2'	0-2'	4-6'	8-10'	4-6'
Date Sampled		RRS	RRS	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/30/13	9/30/13	9/30/13	4/9/14	4/9/14	4/9/14	4/9/14	4/9/14
Volatiles-ug/kg																							
1,2,4-Trichlorobenzene	10,800	10,800	10,800	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
1,2-Dichlorobenzene	60,000	60,000	60,000	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3	3.4 U	4.1 U	4.5 U	3.9 U
1,3-Dichlorobenzene	60,000	60,000	60,000	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
1,4-Dichlorobenzene	7,500	7,500	7,500	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
Acetone	400,000	400,000	400,000	86 U	65 U	86 U	72 U	520	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65 U	69 U	210	110	98
Benzene	500	500	500	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
Carbon disulfide	400,000	400,000	400,000	8.6 U	6.5 U	8.6 U	7.2 U	7.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.5 U	6.9 U	8.2 U	9 U	7.9 U
Chlorobenzene	10,000	10,000	10,000	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
cis-1,2-Dichloroethene	7,000	7,000	7,000	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
Ethylbenzene	70,000	70,000	70,000	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
Isopropylbenzene	21,900	85,500	85,500	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
Styrene	14,000	135,000	135,000	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
Tetrachloroethene (PCE)	500	500	500	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	17	4.5 U	3.9 U
Toluene	100,000	100,000	100,000	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	5.4	4.5 U	3.9 U
Trichloroethene (TCE)	500	500	500	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	6.2	4.5 U	3.9 U
Xylene (total)	1,000,000	1,000,000	1,000,000	4.3 U	3.3 U	4.3 U	3.6 U	3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3 U	3.4 U	4.1 U	4.5 U	3.9 U
Semivolatiles- ug/kg																							
Acenaphthene	300,000	1,258,000	1,258,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500,000	20,187,000	20,187,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5,000	10,100	10,100	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1,640	4,700	4,700	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5,000	5,000	5,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	500,000	500,000	100,000,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	5,000	49,600	49,600	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	5,000	152,000	152,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500,000	9,084,000	9,084,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	360,000	1,514,000	1,514,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5,000	78,400	111,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100,000	100,000	100,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	110,000	110,000	100,000,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500,000	6,677,000	6,677,000	380 U	400 U	430 U	410 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides - mg/kg																							
4,4' -DDD	0.660	12.9	12.9	NA	NA	NA	NA	NA	0.0038 U	0.0041 U	0.0049	0.076	0.0042 U	0.0042 U	0.80	0.99	0.014	0.0046 U	NA	NA	NA	NA	NA
4,4' -DDE	0.660	9.15	9.15	NA	NA	NA	NA	NA	0.0038 U	0.0041 U	0.0042 U	0.093	0.0042 U	0.0075	0.14	0.23	0.0042 U	0.0046 U	NA	NA	NA	NA	NA
4,4' -DDT	0.660	13.1	13.1	NA	NA	NA	NA	NA	0.0038 U	0.0041 U	0.0042 U	0.65	0.0042 U	0.016	5.0	0.33	0.0042 U	0.0046 U	NA	NA	NA	NA	NA
alpha-BHC	0.660	0.66	0.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane	9.20	9.2	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.660	0.66	0.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	9.20	9.2	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	1.64	1.65	1.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Soil Analytical Data - Wastewater Treatment Facility Area
Detected Constituents Remaining

Location	Type 1 RRS	Non-Residential RRS		WCB-107	WCB-108	WCB-109	WCB-109	WCB-110	WCB-121	WCB-122	WCB-122	WCB-122	WCB-123	WCB-123	WCB-125	WCB-125
Depth (feet bgs)		SS Soil (0-2')	SB Soil (>2')	8-10'	8-10'	5-7'	8-10'	0-2'	7-9'	0-2'	3-5'	7-9'	0-2'	2-4'	0-2'	5-7'
Date Sampled		RRS	RRS	4/9/14	4/9/14	4/9/14	4/9/14	4/9/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	5/19/14	5/20/14	5/19/14
Volatiles-ug/kg																
1,2,4-Trichlorobenzene	10,800	10,800	10,800	4.4 U	77	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
1,2-Dichlorobenzene	60,000	60,000	60,000	4.4 U	330	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
1,3-Dichlorobenzene	60,000	60,000	60,000	4.4 U	53	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
1,4-Dichlorobenzene	7,500	7,500	7,500	4.4 U	250	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Acetone	400,000	400,000	400,000	180	110	NA	NA	NA	85 U	82 U	82 U	97	54 U	86 U	NA	NA
Benzene	500	500	500	4.4 U	4.5 U	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Carbon disulfide	400,000	400,000	400,000	8.7 U	8.9 U	NA	NA	NA	8.5 U	8.2 U	8.2 U	7.5 U	5.4 U	8.6 U	NA	NA
Chlorobenzene	10,000	10,000	10,000	4.4 U	630	NA	NA	NA	42	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
cis-1,2-Dichloroethene	7,000	7,000	7,000	4.4 U	6.5	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Ethylbenzene	70,000	70,000	70,000	4.4 U	4.5 U	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Isopropylbenzene	21,900	85,500	85,500	4.4 U	4.5 U	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Styrene	14,000	135,000	135,000	4.4 U	4.5 U	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Tetrachloroethene (PCE)	500	500	500	19	4.5 U	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Toluene	100,000	100,000	100,000	4.4 U	200	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Trichloroethene (TCE)	500	500	500	4.4 U	4.5 U	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Xylene (total)	1,000,000	1,000,000	1,000,000	4.4 U	8.2	NA	NA	NA	4.3 U	4.1 U	4.1 U	3.8 U	2.7 U	4.3 U	NA	NA
Semivolatiles- ug/kg																
Acenaphthene	300,000	1,258,000	1,258,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500,000	20,187,000	20,187,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5,000	10,100	10,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1,640	4,700	4,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5,000	5,000	5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	500,000	500,000	100,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	5,000	49,600	49,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	5,000	152,000	152,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500,000	9,084,000	9,084,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	360,000	1,514,000	1,514,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5,000	78,400	111,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100,000	100,000	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	110,000	110,000	100,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500,000	6,677,000	6,677,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides - mg/kg																
4,4' -DDD	0.660	12.9	12.9	NA	NA	0.057	0.0045 U	0.0042 U	NA	NA	NA	NA	NA	NA	0.021	0.0043 U
4,4' -DDE	0.660	9.15	9.15	NA	NA	0.0069	0.0045 U	0.0042 U	NA	NA	NA	NA	NA	NA	0.074	0.0044
4,4' -DDT	0.660	13.1	13.1	NA	NA	0.0043 U	0.0045 U	0.0042 U	NA	NA	NA	NA	NA	NA	0.21	0.0043 U
alpha-BHC	0.660	0.66	0.66	NA	NA	0.0022 U	0.0022 U	0.0021 U	NA	NA	NA	NA	NA	NA	0.0021 U	0.0022 U
Chlordane	9.20	9.2	9.2	NA	NA	0.0022 U	0.0022 U	0.0021 U	NA	NA	NA	NA	NA	NA	0.0065	0.008
Dieldrin	0.660	0.66	0.66	NA	NA	0.0043 U	0.0045 U	0.0042 U	NA	NA	NA	NA	NA	NA	0.005	0.0043 U
gamma-Chlordane	9.20	9.2	9.2	NA	NA	0.0022 U	0.0022 U	0.0021 U	NA	NA	NA	NA	NA	NA	0.0042 U	0.0087
Heptachlor epoxide	1.64	1.65	1.65	NA	NA	0.0022 U	0.0022 U	0.0021 U	NA	NA	NA	NA	NA	NA	0.0024	0.0022 U

Table 3
Summary of Soil Analytical Data - Additional Areas
Detected Constituents Remaining

	Location	Type 1 RRS	Non-Residential RRS				WCB-63	WCB-63	WCB-64	WCB-64	WCB-65	WCB-65	WCB-66	WCB-66	WCB-67	WCB-67	WCB-67	WCB-68	WCB-68	WCB-68
	Depth (feet bgs)		SS Soil (0-2')		SB Soil (>2')		0-2'	5-7'	0-2'	5-7'	0-2'	5-7'	0-2'	5-7'	0-2'	4-6'	7-9'	0-2'	4-6'	7-9'
	Date Sampled		RRS	RRS Type	RRS	RRS Type	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/9/13	9/9/13	9/9/13
Volatiles-ug/kg																				
1,1,1,2-Tetrachloroethane		7,000	7,000	Type 3	7,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,1,1-Trichloroethane		20,000	253,000	Type 4	253,000	Type 4	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,1,2,2-Tetrachloroethane		130	130	Type 3	130	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,1,2-Trichloroethane		500	500	Type 3	500	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,1-Dichloroethane		400,000	400,000	Type 3	400,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,1-Dichloroethene		700	700	Type 3	700	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,2,3-Trichloropropane		498	1,190	Type 3	4,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,2,4-Trichlorobenzene		10,800	10,800	Type 3	10,800	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	5.3	3.9 u	3.7 u
1,2-Dibromo-3-Chloropropane		20	20	Type 3	20	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,2-Dichlorobenzene		60,000	60,000	Type 3	60,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	8.8	3.9 u	3.7 u
1,2-Dichloroethane		500	500	Type 3	500	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,2-Dichloropropane		500	500	Type 3	500	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,3-Dichlorobenzene		60,000	60,000	Type 3	60,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
1,4-Dichlorobenzene		7,500	7,500	Type 3	7,500	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
2-Butanone		200,000	200,000	Type 3	200,000	Type 3	40 u	42 u	35 u	38 u	39 u	34 u	36 u	60 u	38 u	46 u	40 u	39 u	39 u	37 u
4-Methyl-2-pentanone		200,000	200,000	Type 3	200,000	Type 3	8.0 u	8.4 u	7.0 u	7.7 u	7.7 u	6.8 u	7.2 u	12 u	7.5 u	9.2 u	8.0 u	7.8 u	7.8 u	7.3 u
Acetone		400,000	400,000	Type 3	400,000	Type 3	80 u	84 u	70 u	77 u	77 u	68 u	72 u	120 u	75 u	92 u	80 u	78 u	78 u	73 u
Benzene		500	500	Type 3	500	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Bromoform		10,000	10,000	Type 3	10,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Carbon disulfide		400,000	400,000	Type 3	400,000	Type 3	8.0 u	8.4 u	7.0 u	7.7 u	7.7 u	6.8 u	7.2 u	12 u	7.5 u	9.2 u	8.0 u	7.8 u	7.8 u	7.3 u
Chlorobenzene		10,000	10,000	Type 3	10,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Chloroethane		170	497,000	Type 4	497,000	Type 4	8.0 u	8.4 u	7.0 u	7.7 u	7.7 u	6.8 u	7.2 u	12 u	7.5 u	9.2 u	8.0 u	7.8 u	7.8 u	7.3 u
cis-1,2-Dichloroethene		7,000	7,000	Type 3	7,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Cyclohexane		20,000	1,093,000	Type 4	1,093,000	Type 4	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Dichlorodifluoromethane		23,300	30,800	Type 4	100,000	Type 3	8.0 u	8.4 u	7.0 u	7.7 u	7.7 u	6.8 u	7.2 u	12 u	7.5 u	9.2 u	8.0 u	7.8 u	7.8 u	7.3 u
Ethylbenzene		70,000	70,000	Type 3	70,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Isopropylbenzene		21,900	85,500	Type 4	85,500	Type 4	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Methylene chloride		500	2,800	Type 4	2,800	Type 4	16 u	17 u	14 u	15 u	15 u	14 u	14 u	24 u	15 u	18 u	16 u	16 u	16 u	15 u
Styrene		14,000	135,000	Type 4	135,000	Type 4	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Tetrachloroethene (PCE)		500	500	Type 3	500	Type 3	25	9.9	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Toluene		100,000	100,000	Type 3	100,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
trans-1,2-Dichloroethene		10,000	10,000	Type 3	10,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Trichloroethene (TCE)		500	500	Type 3	500	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Vinyl Chloride		200	200	Type 3	200	Type 3	8.0 u	8.4 u	7.0 u	7.7 u	7.7 u	6.8 u	7.2 u	12 u	7.5 u	9.2 u	8.0 u	7.8 u	7.8 u	7.3 u
Xylene (total)		1,000,000	1,000,000	Type 3	1,000,000	Type 3	4.0 u	4.2 u	3.5 u	3.8 u	3.9 u	3.4 u	3.6 u	6.0 u	3.8 u	4.6 u	4.0 u	3.9 u	3.9 u	3.7 u
Semivolatiles- ug/kg																				
2,4,5-Trichlorophenol		400,000	767,000	Type 4	767,000	Type 4	2500 u	2300 u	2200 u	2200 u	2300 u	2300 u	2100 u	3100 u	2200 u	2300 u	2300 u	2100 u	2100 u	2200 u
2,4,6-Trichlorophenol		3,000	4,560	Type 4	4,560	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
2,4-Dichlorophenol		2,000	7,260	Type 4	7,260	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
2,4-Dimethylphenol		70,000	70,000	Type 3	70,000	Type 3	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
2,4-Dinitrophenol		7,000	7,000	Type 3	7,000	Type 3	2500 u	2300 u	2200 u	2200 u	2300 u	2300 u	2100 u	3100 u	2200 u	2300 u	2300 u	2100 u	2100 u	2200 u
2-Methylphenol		3,800	42,100	Type 4	42,100	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
4-Methylphenol		3,800	55,600	Type 4	55,600	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Acenaphthene		300,000	1,258,000	Type 4	1,258,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Acenaphthylene		130,000	130,000	Type 3	100,000,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Anthracene		500,000	20,187,000	Type 4	20,187,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Benzo(a)anthracene		5,000	10,100	Type 4	10,100	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Benzo(a)pyrene		1,640	4,700	Type 4	4,700	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Benzo(b)fluoranthene		5,000	5,000	Type 3	5,000	Type 3	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Benzo(g,h,i)perylene		500,000	500,000	Type 3	100,000,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Benzo(k)fluoranthene		5,000	49,600	Type 4	49,600	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
bis(2-Chloroisopropyl)ether		171,000	171,000	Type 3	171,000	Type 3	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
bis(2-Ethyllhexyl)phthalate		50,000	326,000	Type 4	326,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Chrysene		5,000	152,000	Type 4	152,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Dibenz(a,h)anthracene		2,050	7,840	Type 4	22,900	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Di-n-butylphthalate		400,000	514,000	Type 4	514,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Di-n-octyl phthalate		70,000	20,440,000	Type 4	100,000,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Fluoranthene		500,000	9,084,000	Type 4	9,084,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Fluorene		360,000	1,514,000	Type 4	1,514,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Indeno(1,2,3-cd)pyrene		5,000	78,400	Type 4	111,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Naphthalene		100,000	100,000	Type 3	100,000	Type 3	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
N-Nitrosodiphenylamine		6,460	8,880	Type 4	8,880	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Pentachlorophenol (PCP)		3,300	3,300	Type 3	3,300	Type 3	2500 u	2300 u	2200 u	2200 u	2300 u	2300 u	2100 u	3100 u	2200 u	2300 u	2300 u	2100 u	2100 u	2200 u
Phenanthrene		110,000	110,000	Type 3	100,000,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Phenol		400,000	400,000	Type 3	400,000	Type 3	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Pyrene		500,000	6,677,000	Type 4	6,677,000	Type 4	480 u	450 u	420 u	430 u	450 u	440 u	410 u	600 u	430 u	450 u	450 u	410 u	410 u	420 u
Pesticides - mg/kg																				
4,4' -DDD		0.660	12.9	Type 4	12.9	Type 4	0.0048 u	0.0046 u	0.0042 u	0.0043 u	0.012	0.0045 u	0.0041 u	0.0061 u	0.0043 u	0.0046 u	0.0046 u	NA	NA	NA
4,4' -DDE		0.660	9.15	Type 4	9.15	Type 4	0.0048 u	0.0046 u	0.0042 u	0.0043 u	0.0045 u	0.0045 u	0.0041 u	0.0061 u	0.0043 u	0.0046 u	0.0046 u	NA	NA	NA
4,4' -DDT		0.660	13.1	Type 4	13.1	Type 4	0.0048 u	0.0046 u	0.0042 u	0.0043 u	0.0045 u	0.0045 u	0.0041 u	0.0061 u	0.0043 u	0.0046 u	0.0046 u	NA	NA	NA
Aldrin		0.660	0.66	Type 3	0.66	Type 3	0.0024 u	0.0023 u	0.0021 u	0.0022 u	0.0023 u	0.0022 u	0.0021 u	0.0030 u	0.0022 u	0.0023 u	0.0023 u	NA	NA	NA
alpha-BHC		0.660	0.66	Type 3	0.66	Type 3	0.0024 u	0.0023 u	0.0021 u	0.0022 u	0.0023 u	0.0022 u	0.0021 u	0.0030 u	0.0022 u	0.0023 u	0.0023 u	NA	NA	NA
beta-BHC		0.660	0.66	Type 3	0.66	Type 3	0.0024 u	0.0023 u	0.0021 u	0.0022 u	0.0023 u	0.0022 u	0.0021 u	0.0030 u	0.0022 u	0.0023 u	0.0023 u	NA	NA	NA
Chlordane		9.20	9.2	Type 3	9.2	Type 3	0.0024 u	0.0023 u	0.0021 u	0.0022 u	0.0028	0.0022 u	0.0021 u	0.0030 u	0.0022 u	0.0023 u	0.0023 u	NA	NA	NA
delta-BHC		25.0	25.0	Type 3	100,000	Type 4	0.0024 u	0.0023 u	0.0021 u	0.0022 u	0.0023 u	0.0022 u	0.0021 u	0.0030 u	0.0022 u	0.0023 u	0.0023 u	NA	NA	NA
Dieldrin		0.660	0.66	Type 3	0.66	Type 3	0.0048 u	0.0046 u	0.0042 u	0.0043 u	0.0045 u	0.0045 u	0.0041 u	0.0061 u	0.0043 u	0.0046 u	0.0046 u	NA	NA	NA
Endosulfan I		10.0	10	Type 3	10	Type 3	0.0024 u	0.0023 u	0.0021 u	0.0022 u	0.0023 u	0.0022 u	0.0021 u	0.0030 u	0.0022 u	0.0023 u	0.0023 u	NA	NA	NA
Endosulfan II		10.0	10	Type 3	10	Type 3	0.0048 u	0.0046 u	0.0042 u	0.0043 u	0.0045 u	0.0045 u	0.0041 u	0.0061 u	0.0043 u	0.0046 u	0.0046 u	NA	NA	NA
Endosulfan sulfate		1.65	1.65	Type 3	100,000	Type 4	0.0048 u	0.0046 u	0.0042 u	0.0043 u	0.0045 u	0.0045 u	0.0041 u	0.0061 u	0.0043 u	0.0046 u	0.0046 u	NA	NA	NA
Endrin		10.0	24.8	Type 4	24.8	Type 4	0.0048 u	0.0046 u	0.0042 u	0.0043 u	0.0045 u	0.0045 u	0.0041 u	0.0061 u	0.0043 u	0.0046 u	0.0046 u	NA	NA	NA
Endrin aldehyde		10.0	10	Type 3	100,000	Type 3	0.0048 u	0.0046 u	0.0042 u	0.0043 u	0.0045 u	0.0045 u	0.0041 u	0.0061 u	0.0043 u	0.0046 u	0.0046 u	NA	NA	NA
Endrin ketone		10.0	10	Type 3	100,000	Type 4	0.0048 u	0.0046 u	0.0042 u	0.0043 u	0.0045 u	0.0045 u	0.0041 u	0.0061 u	0.0043 u	0.0046 u	0.0046 u	NA	NA	NA
gamma-BHC (Lindane)		0.660	0.66	Type 3	0.66	Type 3	0.0024 u	0.0023 u	0.0021 u	0.0022 u	0.0023 u	0.0022 u	0.0021 u	0.0030 u	0.0022 u	0.0023 u	0.0023 u	NA	NA	NA
gamma-Chlordane		9.20	9.2	Type 3	9.2	Type 3	0.0024 u	0.0023 u	0.0021 u	0.0022	0.0088	0.0022 u	0.0021 u	0.0030 u	0.0022 u	0.0023 u	0.0023 u	NA	NA	NA
Heptachlor epoxide		1.64	1.65	Type 3	1.65	Type 3	0.0024 u	0.0023 u	0.0021 u	0.0022 u	0.0023 u	0.0022 u	0.0021 u	0.0030 u	0.0022 u	0.0023 u	0.0023 u	NA	NA	NA
Methoxychlor		10.0	552	Type 4	552	Type 4	0.024 u	0.023 u	0.021 u	0.022 u	0.023 u	0.022 u	0.021 u	0.030 u	0.022 u	0.023 u	0.023 u	NA	NA	NA

Notes:

NA Not Analyzed

Only those compounds detected in one or more samples are shown.

U Analyte undetected at reporting limit shown

J Dectected below the sample quantitation limit of instrument

Analyte detected greater than the non-residential RRS

Table 3
Summary of Soil Analytical Data - Additional Areas
Detected Constituents Remaining

	Location	Type 1 RRS	Non-Residential RRS			WCB-69	WCB-69	WCB-69	WCB-70	WCB-70	WCB-70
	Depth (feet bgs)		SS Soil (0-2')		SB Sc	0-2'	4-6'	7-9'	0-2'	4-6'	7-9'
	Date Sampled		RRS	RRS Type	RRS	9/6/13	9/6/13	9/6/13	9/9/13	9/9/13	9/9/13
Volatiles-ug/kg											
1,1,1,2-Tetrachloroethane		7,000	7,000	Type 3	7,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,1,1-Trichloroethane		20,000	253,000	Type 4	253,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,1,2,2-Tetrachloroethane		130	130	Type 3	130	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,1,2-Trichloroethane		500	500	Type 3	500	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,1-Dichloroethane		400,000	400,000	Type 3	400,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,1-Dichloroethene		700	700	Type 3	700	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,2,3-Trichloropropane		498	1,190	Type 3	4,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,2,4-Trichlorobenzene		10,800	10,800	Type 3	10,800	4.5	5.9	4.4 u	4.1 u	3.2 u	3.8 u
1,2-Dibromo-3-Chloropropane		20	20	Type 3	20	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,2-Dichlorobenzene		60,000	60,000	Type 3	60,000	4.3 u	5.9	4.4 u	4.1 u	3.2 u	3.8 u
1,2-Dichloroethane		500	500	Type 3	500	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,2-Dichloropropane		500	500	Type 3	500	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,3-Dichlorobenzene		60,000	60,000	Type 3	60,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
1,4-Dichlorobenzene		7,500	7,500	Type 3	7,500	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
2-Butanone		200,000	200,000	Type 3	200,000	43 u	36 u	44 u	41 u	32 u	38 u
4-Methyl-2-pentanone		200,000	200,000	Type 3	200,000	8.5 u	8.8	8.7 u	8.3 u	6.4 u	7.6 u
Acetone		400,000	400,000	Type 3	400,000	85 u	71 u	87 u	83 u	64 u	76 u
Benzene		500	500	Type 3	500	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Bromoform		10,000	10,000	Type 3	10,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Carbon disulfide		400,000	400,000	Type 3	400,000	8.5 u	7.1 u	8.7 u	8.3 u	6.4 u	7.6 u
Chlorobenzene		10,000	10,000	Type 3	10,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Chloroethane		170	497,000	Type 4	497,000	8.5 u	7.1 u	8.7 u	8.3 u	6.4 u	7.6 u
cis-1,2-Dichloroethene		7,000	7,000	Type 3	7,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Cyclohexane		20,000	1,093,000	Type 4	1,093,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Dichlorodifluoromethane		23,300	30,800	Type 4	100,000	8.5 u	7.1 u	8.7 u	8.3 u	6.4 u	7.6 u
Ethylbenzene		70,000	70,000	Type 3	70,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Isopropylbenzene		21,900	85,500	Type 4	85,500	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Methylene chloride		500	2,800	Type 4	2,800	17 u	14 u	17 u	17 u	13 u	15 u
Styrene		14,000	135,000	Type 4	135,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Tetrachloroethene (PCE)		500	500	Type 3	500	4.3 u	4.7	4.4 u	4.1 u	18	3.8 u
Toluene		100,000	100,000	Type 3	100,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
trans-1,2-Dichloroethene		10,000	10,000	Type 3	10,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Trichloroethene (TCE)		500	500	Type 3	500	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Vinyl Chloride		200	200	Type 3	200	8.5 u	7.1 u	8.7 u	8.3 u	6.4 u	7.6 u
Xylene (total)		1,000,000	1,000,000	Type 3	1,000,000	4.3 u	3.6 u	4.4 u	4.1 u	3.2 u	3.8 u
Semivolatiles- ug/kg											
2,4,5-Trichlorophenol		400,000	767,000	Type 4	767,000	2100 u	2200 u	2300 u	2100 u	2200 u	2400 u
2,4,6-Trichlorophenol		3,000	4,560	Type 4	4,560	400 u	420 u	450 u	400 u	440 u	460 u
2,4-Dichlorophenol		2,000	7,260	Type 4	7,260	400 u	420 u	450 u	400 u	440 u	460 u
2,4-Dimethylphenol		70,000	70,000	Type 3	70,000	400 u	420 u	450 u	400 u	440 u	460 u
2,4-Dinitrophenol		7,000	7,000	Type 3	7,000	2100 u	2200 u	2300 u	2100 u	2200 u	2400 u
2-Methylphenol		3,800	42,100	Type 4	42,100	400 u	420 u	450 u	400 u	440 u	460 u
4-Methylphenol		3,800	55,600	Type 4	55,600	400 u	420 u	450 u	400 u	440 u	460 u
Acenaphthene		300,000	1,258,000	Type 4	1,258,000	400 u	420 u	450 u	400 u	440 u	460 u
Acenaphthylene		130,000	130,000	Type 3	100,000,000	400 u	420 u	450 u	400 u	440 u	460 u
Anthracene		500,000	20,187,000	Type 4	20,187,000	400 u	420 u	450 u	400 u	440 u	460 u
Benzo(a)anthracene		5,000	10,100	Type 4	10,100	400 u	420 u	450 u	400 u	440 u	460 u
Benzo(a)pyrene		1,640	4,700	Type 4	4,700	400 u	420 u	450 u	400 u	440 u	460 u
Benzo(b)fluoranthene		5,000	5,000	Type 3	5,000	400 u	420 u	450 u	400 u	440 u	460 u
Benzo(g,h,i)perylene		500,000	500,000	Type 3	100,000,000	400 u	420 u	450 u	400 u	440 u	460 u
Benzo(k)fluoranthene		5,000	49,600	Type 4	49,600	400 u	420 u	450 u	400 u	440 u	460 u
bis(2-Chloroisopropyl)ether		171,000	171,000	Type 3	171,000	400 u	420 u	450 u	400 u	440 u	460 u
bis(2-Ethyllhexyl)phthalate		50,000	326,000	Type 4	326,000	400 u	420 u	450 u	400 u	440 u	460 u
Chrysene		5,000	152,000	Type 4	152,000	400 u	420 u	450 u	400 u	440 u	460 u
Dibenz(a,h)anthracene		2,050	7,840	Type 4	22,900	400 u	420 u	450 u	400 u	440 u	460 u
Di-n-butylphthalate		400,000	514,000	Type 4	514,000	400 u	420 u	450 u	400 u	440 u	460 u
Di-n-octyl phthalate		70,000	20,440,000	Type 4	100,000,000	400 u	420 u	450 u	400 u	440 u	460 u
Fluoranthene		500,000	9,084,000	Type 4	9,084,000	400 u	420 u	450 u	400 u	440 u	460 u
Fluorene		360,000	1,514,000	Type 4	1,514,000	400 u	420 u	450 u	400 u	440 u	460 u
Indeno(1,2,3-cd)pyrene		5,000	78,400	Type 4	111,000	400 u	420 u	450 u	400 u	440 u	460 u
Naphthalene		100,000	100,000	Type 3	100,000	400 u	420 u	450 u	400 u	440 u	460 u
N-Nitrosodiphenylamine		6,460	8,880	Type 4	8,880	400 u	420 u	450 u	400 u	440 u	460 u
Pentachlorophenol (PCP)		3,300	3,300	Type 3	3,300	2100 u	2200 u	2300 u	2100 u	2200 u	2400 u
Phenanthrene		110,000	110,000	Type 3	100,000,000	400 u	420 u	450 u	790	440 u	460 u
Phenol		400,000	400,000	Type 3	400,000	400 u	420 u	450 u	400 u	440 u	460 u
Pyrene		500,000	6,677,000	Type 4	6,677,000	400 u	420 u	450 u	400 u	440 u	460 u
Pesticides - mg/kg											
4,4' -DDD		0.660	12.9	Type 4	12.9	NA	NA	NA	NA	NA	NA
4,4' -DDE		0.660	9.15	Type 4	9.15	NA	NA	NA	NA	NA	NA
4,4' -DDT		0.660	13.1	Type 4	13.1	NA	NA	NA	NA	NA	NA
Aldrin		0.660	0.66	Type 3	0.66	NA	NA	NA	NA	NA	NA
alpha-BHC		0.660	0.66	Type 3	0.66	NA	NA	NA	NA	NA	NA
beta-BHC		0.660	0.66	Type 3	0.66	NA	NA	NA	NA	NA	NA
Chlordane		9.20	9.2	Type 3	9.2	NA	NA	NA	NA	NA	NA
delta-BHC		25.0	25.0	Type 3	100,000	NA	NA	NA	NA	NA	NA
Dieldrin		0.660	0.66	Type 3	0.66	NA	NA	NA	NA	NA	NA
Endosulfan I		10.0	10	Type 3	10	NA	NA	NA	NA	NA	NA
Endosulfan II		10.0	10	Type 3	10	NA	NA	NA	NA	NA	NA
Endosulfan sulfate		1.65	1.65	Type 3	100,000	NA	NA	NA	NA	NA	NA
Endrin		10.0	24.8	Type 4	24.8	NA	NA	NA	NA	NA	NA
Endrin aldehyde		10.0	10	Type 3	100,000	NA	NA	NA	NA	NA	NA
Endrin ketone		10.0	10	Type 3	100,000	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)		0.660	0.66	Type 3	0.66	NA	NA	NA	NA	NA	NA
gamma-Chlordane		9.20	9.2	Type 3	9.2	NA	NA	NA	NA	NA	NA
Heptachlor epoxide		1.64	1.65	Type 3	1.65	NA	NA	NA	NA	NA	NA
Methoxychlor		10.0	552	Type 4	552	NA	NA	NA	NA	NA	NA

Notes:

NA Not Analyzed

Only those compounds detected in one or more samples are sh

U Analyte undetected at reporting limit shown

J Dectected below the sample quantitation lim

Analyte detected greater than the non-reside

Table 4
Groundwater Data Through June 25, 2015 - VOC Detections Only

Volatile Organic Compounds (µg/L)	RRS (µg/L)		ISWQS	BH-6													BH-7											BH-9	BH-10	
	Type 1	Type 3/4	(µg/L)	3/30/07	6/27/07	9/25/07	12/19/07	3/25/08	6/25/08	3/17/09	3/25/10	2/2/11	6/16/11	2/22/12	8/15/12	9/27/13	3/29/07	3/25/08	6/25/08	3/17/09	9/22/09	3/25/10	2/2/11	6/16/11	2/22/12	8/15/12	9/27/13	2/1/11	2/1/11	9/27/13
1,1,1-Trichloroethane	200	36,100		45	100	190	73	5 U	5 U	5 U	5 U	15	8.4	5 U	dry	5 U	39,000	50,000	31,000	25,000	23,000	41,000	33000	44000	30,000	dry	32000	810	480	190
1,1,2,2-Tetrachloroethane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	250 U	2,500 U	5 U	5 U	250 U	dry	250 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	250 U	2,500 U	5 U	5 U	250 U	dry	250 U	5 U	5 U	5 U
1,1-Dichloroethane	4,000	4,000		5	8	5 U	6	5 U	5 U	5 U	5 U	16	10	5 U	dry	5 U	4,500	3,200	4,300	1,300	1,300	2,500 U	1700	2700	2000	dry	1800	72	16	22
1,1-Dichloroethene	7	1,300		12	32	31	9	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	2,500	2,100	2,600	620	620	2,500 U	2100	2700	1300	dry	2100	29	12	6.8
1,2,4-Trichlorobenzene	70	70	70	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	590	100	1,700	250 U	43	2,500 U	610 E	1100 E	250 U	dry	230	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
1,2-Dibromoethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	600	1,470	1,300	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	45	15	77	250 U	5 U	2,500 U	38	47	250 U	dry	41	5 U	5 U	5 U
1,2-Dichloroethane	5	56		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	600	600		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	9	5 U	15	250 U	5 U	2,500 U	6.2	8.5	250 U	dry	7.9	5 U	5 U	5 U
1,4-Dichlorobenzene	75	75	190	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	78	40	130	250 U	5 U	2,500 U	64	75	250 U	dry	66	5 U	5 U	5 U
2-Butanone	2,000	25,600		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	dry	50 U	50 U	50 U	50 U	2,500 U	50 U	25,000 U	50 U	50 U	2500 U	dry	50 U	50 U	50 U	50 U
2-Hexanone				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	10 U	10 U	10 U	250 U	10 U	5,000 U	10 U	10 U	250 U	dry	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	2,000	6,240		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	10 U	10 U	10 U	250 U	10 U	5,000 U	10 U	10 U	250 U	dry	10 U	10 U	10 U	10 U
Acetone	4,000	68,700		50 U	50 U	50 U	50 U	50 U	85	50 U	50 U	50 U	50 U	50 U	dry	50 U	140	50 U	50 U	2,500 U	50 U	25,000 U	50 U	50 U	2500 U	dry	50 U	50 U	50 U	50 U
Benzene	5	20		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Bromodichloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Bromoform	100			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Bromomethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Carbon disulfide	4,000			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Carbon tetrachloride				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Chlorobenzene	100	361	1,600	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	30	14	32	250 U	15	2,500 U	14	15	250 U	dry	30	5 U	5 U	5 U
Chloroethane	DL	87,600		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	86	92	160	500 U	560	5,000 U	170	100	500 U	dry	110	10 U	10 U	10 U
Chloroform				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Chloromethane				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	10 U	10 U	10 U	500 U	10 U	5,000 U	10 U	10 U	500 U	dry	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	70	200		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	190	140	220	250 U	130	2,500 U	280 E	570 E	510	dry	280	7.9	5 U	5 U
cis-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Cyclohexane	DL			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Dibromochloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	1,000			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	5 U	10 U	10 U	250 U	10 U	5,000 U	10 U	10 U	250 U	dry	10 U	10 U	10 U	10 U
Ethylbenzene	700	700		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	19	6	28	250 U	5 U	2,500 U	11	15	250 U	dry	9.3	5 U	5 U	5 U
Freon-113				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	5 U	10 U	10 U	500 U	10 U	5,000 U	10 U	10 U	500 U	dry	10 U	10 U	10 U	10 U
Isopropylbenzene	DL	2,610		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
m,p-Xylene	1,000	10,000		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	10 U	dry	NA	53	11	67	500 U	10	5,000 U	24	40	500 U	dry	NA	5 U	5 U	NA
Methyl acetate				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Methyl tert-butyl ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Methylcyclohexane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Methylene chloride	5	550		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
o-Xylene	1,000	10,000		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	NA	24	10	32	250 U	9	2,500 U	16	25	250 U	dry	NA	5 U	5 U	NA
Styrene	100	6,130		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Tetrachloroethene	5	220	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	15,000	13,000	12,000	6,400	500	7,000	6800	12000	5400	dry	8100	5.4	5 U	5 U
Toluene	1,000	6,890		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	19	10	26	250 U	18	2,500 U	18	21	250 U	dry	29	5 U	5 U	5 U
trans-1,2-Dichloroethene	100	420	10,000	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	7	5 U	9	250 U	7	2,500 U	5 U	5 U	250 U	dry	8.1	5 U	5 U	5 U
trans-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Trichloroethene	5	13	30	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	1,300	2,800	1,500	2,300	460	2,500 U	1000	1500	4100	dry	2300	5 U	5 U	5 U
Trichlorofluoromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	250 U	5 U	2,500 U	5 U	5 U	250 U	dry	5 U	5 U	5 U	5 U
Vinyl chloride	2	3.7	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	dry	2 U	14	2 U	17	250 U	24	1,000 U	8.9	4.9	100 U	dry	7.7	2.9	2 U	2 U
Xylenes, total	1,000	10,000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	dry	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	dry	74	NA	NA	5 U

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4
Groundwater Data Through June 25, 2015 - VOC Detections Only

Volatile Organic Compounds (µg/L)	RRS (µg/L)		ISWQS	BH-11											BH-12			BH-13		BH-14		BH-15	BH-17																
	Type 1	Type 3/4	(µg/L)	3/29/07	9/25/07	3/25/08	6/25/08	3/17/09	3/25/10	2/2/11	6/16/11	2/22/12	8/15/12	9/26/13	2/3/11	9/24/13	6/25/15	2/3/11	9/24/13	2/3/11	9/27/13	6/16/15	3/29/07	6/27/07	9/25/07	12/19/07	3/25/08	6/25/08	9/23/08	12/17/08	3/17/09	9/22/09	3/25/10	2/2/11	6/15/11	2/17/12	8/15/12	9/26/13
1,1,1-Trichloroethane	200	36,100		270	13	29	7	5 U	5 U	5 U	5 U	8.2	dry	5 U	5 U	5 U	5 U	5 U	5 U	13	7.5	5 U	520	670	600	540	300	350	490	550	330	5 U	180	5 U	390	620	850	5 U
1,1,2,2-Tetrachloroethane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	4,000	4,000		520	54	13	14	5 U	5 U	120	120	180	dry	9	5 U	5 U	5 U	5 U	5 U	49	33	5 U	460	440	370	450	310	410	250	360	320	17	220	6.6	420	570	440	6.8
1,1-Dichloroethene	7	1,300		98	10	5 U	5 U	5 U	5 U	7.8	15	6.6	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	230	260	320	230	140	230	220	240	130	5 U	54	5 U	140	230	240	5 U
1,2,4-Trichlorobenzene	70	70	70	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6	14	11	11	18	14	12	9	8	5 U	5 U	5 U	5 U	5.6	8.3	5 U
1,2-Dibromo-3-chloropropane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	600	1,470	1,300	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5	56		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	600	600		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	75	75	190	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	13 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	2,000	25,600		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	dry	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	2,000	6,240		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	4,000	68,700		95	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	dry	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzene	5	20		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	100			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	4,000			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	100	361	1,600	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6	7	6	5	5	5 U	5	6	5 U	5 U	5 U	6.7	8.7	10	5 U
Chloroethane	DL	87,600		31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	47	52	53	57	68	85	44	53	45	17	59	10 U	120	190	130	10 U
Chloroform				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	70	200		550	5 U	9	7	5 U	5 U	50	52	29	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	560	640	460	600	350	400	350	460	470	13	210	5 U	320	500	380	5 U
cis-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	DL			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	1,000			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	700	700		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon-113				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	dry	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	DL	2,610		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	1,000	10,000		10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	10 U	dry	NA	5 U	NA	5 U	5 U	NA	5 U	NA	5 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	10 U	10 U	NA
Methyl acetate				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	550		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	1,000	10,000		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	NA	5 U	NA	5 U	5 U	NA	5 U	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA
Styrene	100	6,130		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	70	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	220	3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	16	24	26	25	31	29	32	20	11	5 U	7	5 U	13	19	19	5 U
Toluene	1,000	6,890		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	100	420	10,000	14	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7	5	5 U	5 U	6	7	5	6	5 U	5 U	5 U	5 U	9.6	13	10	5 U
trans-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	13	30	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2	5 U
Trichlorofluoromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	dry	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	3.7	2.4	49	2 U	2 U	2 U	2 U	2 U	2.4	3.4	2 U	dry	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	52	65	63	54	46	76	42	44	34	4	12	2 U	11	22	19	2.1
Xylenes, total	1,000	10,000		NA	NA	NA	NA	NA	NA	NA	NA	NA	dry	5 U	NA	5 U	NA	NA	5 U	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4
Groundwater Data Through June 25, 2015 - VOC Detections Only

Volatile Organic Compounds (µg/L)	RRS (µg/L)		ISWQS	BH-18	BH-19															BH-20																	
	Type 1	Type 3/4	(µg/L)	2/1/11	3/29/07	6/26/07	9/25/07	12/18/07	3/25/08	6/24/08	9/23/08	12/17/08	3/17/09	9/22/09	2/3/11	6/14/11	2/16/12	8/14/12	9/26/13	3/29/07	6/26/07	9/25/07	12/18/07	3/25/08	6/24/08	9/23/08	12/17/08	3/17/09	9/22/09	3/25/10	2/2/11	6/13/11	2/16/12	8/14/12	9/26/13
1,1,1-Trichloroethane	200	36,100		**1600**	11	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	4,000	4,000		990	50	53	40	29	44	52	32	30	26	48	19	22	12	5.6	12	34	35	34	40	40	58	54	35	32	25	31	34	20	17	11	5 U
1,1-Dichloroethene	7	1,300		**360**	**12**	**12**	**11**	**7**	**13**	**14**	**10**	**12**	3	**10**	5 U	5 U	5 U	5 U	5 U	**21**	**13**	**31**	**34**	**38**	**55**	**44**	**29**	**27**	**20**	**18**	**16**	**9.9**	**7.2**	5 U	5 U
1,2,4-Trichlorobenzene	70	70	70	39	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	600	1,470	1,300	5 U	15	15	11	8	12	10	7	8	12	7	5.4	6.4	5 U	5 U	9.3	14	11	11	16	13	8	10	5 U	7.1	5 U	8.6	12	14	8.1	5 U	7.1
1,2-Dichloroethane	5	56		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	600	600		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	75	75	190	12	5 U	5 U	5 U	5 U	5 U	5 U	13 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7	8	6	8	5	5 U	13	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	2,000	25,600		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	2,000	6,240		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	4,000	68,700		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzene	5	20		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	100			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	4,000			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	100	361	1,600	19	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	DL	87,600		**550**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	70	200		**410**	**460**	**530**	**400**	**310**	**430**	**490**	**370**	**360**	**320**	**330**	**180**	**110**	**88**	38	**160**	**550**	**370**	**510**	**440**	**380**	**600**	**670**	**450**	**620**	**340**	**540**	**840**	**600**	**340**	**210**	**96**
cis-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	DL			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	1,000			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	700	700		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon-113				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	DL	2,610		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	1,000	10,000		5 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	5 U	5 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	10 U	10 U	NA
Methyl acetate				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	550		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	1,000	10,000		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA
Styrene	100	6,130		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	220	3	**28**	**27**	**85**	**15**	**25**	**42**	**52**	**50**	**55**	**52**	**92**	**36**	**53**	**27**	**20**	**28**	**140**	**110**	**110**	**140**	**130**	**110**	**79**	**57**	**65**	**38**	**64**	**20**	**20**	**7.8**	**5.1**	5 U
Toluene	1,000	6,890		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	100	420	10,000	5 U	8	8	8	8	15	18	11	12	11	16	7.8	11	5 U	5 U	5.8	17	12	19	14	16	22	19	13	15	9	13	15	11	8.4	5 U	5 U
trans-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	13	30	**28**	**530**	**590**	**440**	**420**	**390**	**350**	**290**	**310**	**260**	**170**	**90**	**77**	**44**	**27**	**34**	**440**	**380**	**450**	**460**	**360**	**350**	**400**	**320**	**350**	**160**	**130**	**120**	**84**	**49**	**33**	**11**
Trichlorofluoromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	3.7	2.4	**20**	**8**	**9**	**20**	**15**	**50**	**78**	**27**	**32**	**44**	**53**	**19**	**13**	**12**	**7.4**	**20**	**9**	**7**	**17**	**15**	**18**	**39**	**40**	**30**	**29**	**30**	**27**	**23**	**18**	**16**	**9.8**	**8**
Xylenes, total	1,000	10,000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4
Groundwater Data Through June 25, 2015 - VOC Detections Only

Volatile Organic Compounds (µg/L)	RRS (µg/L)		ISWQS	BH-21																BH-22		BH-23		BH-24																	
	Type 1	Type 3/4	(µg/L)	3/29/07	6/26/07	9/25/07	12/19/07	3/25/08	6/24/08	9/23/08	12/17/08	3/17/09	3/24/10	2/2/11	6/13/11	2/16/12	8/15/12	9/25/13	6/16/15	1/31/11	9/25/13	1/31/11	9/24/13	3/29/07	6/26/07	9/24/07	12/19/07	3/25/08	6/24/08	9/22/08	12/16/08	3/17/09	9/22/09	3/24/10	2/2/11	6/14/11	2/16/12	8/14/12	9/24/13
1,1,1-Trichloroethane	200	36,100		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	220	38	37	79	26	22	29	58	24	35	76	250 U	15	10	9	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	4,000	4,000		12	14	18	19	23	21	15	19	26	15	10	7.6	10	7.1	5 U	5 U	600	910	250	360	28	28	27	74	39	72	130	250 U	56	52	71	49	54	31	22	34
1,1-Dichloroethene	7	1,300		5 U	5	8	5 U	7	5 U	5 U	5 U	6	5 U	5 U	5 U	5 U	6	5 U	5 U	440	510	150	290	13	12	20	39	21	42	76	250 U	30	24	36	15	21	7.1	5.6	16
1,2,4-Trichlorobenzene	70	70	70	5 U	5 U	5 U	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	11	18	5 U	18	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	600	1,470	1,300	5 U	11	8	7	8	5 U	11	9	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3200	7,600	350	170	5 U	5 U	5 U	18	10	24	5 U	250 U	210	35	39	15	16	9.4	7.6	15
1,2-Dichloroethane	5	56		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	600	600		5 U	5 U	5 U	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80	130	5 U	11	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	75	75	190	5 U	5 U	5 U	5 U	5 U	5 U	13 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	310	890	20	23	5 U	5 U	5 U	5 U	5 U	6	13 U	250 U	14	5 U	7	5 U	5.1	5 U	5 U	6
2-Butanone	2,000	25,600		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2,500 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	2,000	6,240		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	4,000	68,700		50 U	50 U	50 U	50 U	50 U	50 U	50 U	5 U	5 U	50 U	50 U	50 U	5 U	5 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2,500 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzene	5	20		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	100			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	4,000			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	100	361	1,600	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	19	41	260	470	7	5 U	5 U	5 U	84	100	16	250 U	19	21	49	28	16	8.9	12	100
Chloroethane	DL	87,600		10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane				10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	70	200		170	180	220	210	230	230	160	230	310	250	160	120	92	58	5.8	5 U	14000	69,000	8700	14,000	1,000	820	1,100	2,000	1,400	2,500	7,400	5,800	3,200	1,000	1,900	1100	1100	540	310	910
cis-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	DL			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	1,000			5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	700	700		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7.1	31	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon-113				5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	DL	2,610		5 U	5 U	5 U	5 U	5 U	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	1,000	10,000		10 U	10 U	10 U	10 U	10 U	10 U	12	5 U	5 U	10 U	5 U	5 U	5 U	5 U	NA	5 U	26	NA	5 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	13	250 U	10 U	10 U	10 U	5 U	5 U	10 U	5 U	NA
Methyl acetate				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane				5 U	8	7	9	7	5 U	7	8	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	550		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	1,000	10,000		5 U	7	5 U	5 U	6	5 U	8	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	5 U	20	NA	5 U	NA	5 U	5 U	5 U	5 U	5 U	5 U	6	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA
Styrene	100	6,130		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	220	3	67	70	130	140	160	48	52	76	52	20	9.8	14	17	14	5 U	5 U	64	5 U	200	510	200	270	420	910	370	400	850	680	590	210	450	170	270	78	83	150
Toluene	1,000	6,890		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	34	230	5 U	7.5	5 U	5 U	5 U	5 U	5 U	5 U	5	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	100	420	10,000	5 U	5 U	7	7	15	13	7	10	11	8	5.4	5.1	5 U	5 U	5 U	5 U	140	310	91	150	26	20	15	25	31	53	66	250 U	34	34	35	21	28	11	8.5	12
trans-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	13	30	240	280	430	400	290	190	150	180	260	45	24	21	48	48	5 U	5 U	510	5 U	230	280	180	190	360	770	300	390	1,100	780	610	300	370	210	220	90	100	130
Trichlorofluoromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	3.7	2.4	2	3	10	7	20	19	10	18	44	14	3.9	5.7	5.2	4.3	2 U	5 U	340	2,200	170	300	4.4	4.9	6.4	9.5	7.7	11.0	15	100 U	53	32	74	46	41	19	18	17
Xylenes, total	1,000	10,000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NA	120	NA	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4
Groundwater Data Through June 25, 2015 - VOC Detections Only

Volatile Organic Compounds (µg/L)	RRS (µg/L)		ISWQS	EW-A1			EW-A2			EW-A3		EW-A4			EW-A6		EW-A7			EW-A8		EW-A9		EW-A10			EW-B3		EW-B4		EW-B5		EW-B6		EW-C6		EW-C7		EW-C8	
	Type 1	Type 3/4	(µg/L)	1/26/11	9/18/13	6/25/15	1/26/11	9/18/13	6/17/15	1/26/11	9/19/13	1/26/11	9/20/13	6/25/15	1/26/11	9/20/13	1/26/11	9/20/13	6/17/15	1/26/13	9/20/13	1/26/11	9/23/13	1/26/11	9/24/13	6/18/15	1/27/11	9/19/13	1/27/11	9/19/13	1/27/11	9/19/13	1/27/11	9/20/13	1/28/11	9/26/13	1/28/11	9/26/13	1/28/11	9/25/13
1,1,1-Trichloroethane	200	36,100		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.6	19	5 U	25	66	87	5 U	5 U	5 U	5 U	6.8	5 U	5 U	5 U	5.1	5.2	5 U	5 U	35	510
1,1,2,2-Tetrachloroethane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	4,000	4,000		6.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	12	14	31	5 U	5 U	34	17	9.1	26	18	16	5 U	53	42	81	5 U	5 U	5 U	5.6	42	21	5 U	6.3	8.1	5 U	5 U	5 U	140	430
1,1-Dichloroethene	7	1,300		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	27	8.4	5.2	16	6	18	5 U	26	25	47	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	88	350
1,2,4-Trichlorobenzene	70	70	70	89	45	28	290	470	460	6.3	89	66	100	28	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	210	51	550	80	5 U	5 U	5 U	5 U	5 U	5 U	7.4	32
1,2-Dibromo-3-chloropropane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	600	1,470	1,300	550	870	640	860	970	1000	5 U	49	33	190	85	5 U	5 U	12	5 U	5 U	32	5 U	61	5 U	46	5 U	5 U	5 U	5 U	330	160	390	55	5 U	5 U	5 U	5 U	5 U	5 U	610	9400
1,2-Dichloroethane	5	56		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	17	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	600	600		39	150	190	28	31	37	5 U	32	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8.5	5.4	7.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	23	120
1,4-Dichlorobenzene	75	75	190	240	710	730	83	87	74	5 U	52	5 U	15	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6	5 U	7.2	5 U	5 U	5 U	5 U	22	13	19	8.7	5 U	5 U	5 U	5 U	5 U	5 U	71	1100
2-Butanone	2,000	25,600		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	210	50 U	50 U	50 U	98	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	2,000	6,240		96	12	10 U	180	16	18	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	240	67	37	74	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	4,000	68,700		50 U	50 U	50 U	1,300	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	56,000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzene	5	20		7.4	6.6	5 U	9.9	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	18	7.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	100			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	4,000			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	100	361	1,600	79	690	950	28	14	9.1	5 U	380	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.3	5 U	5.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	20
Chloroethane	DL	87,600		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	70	200		180	170	410	10	5 U	5 U	5 U	5 U	20	28	43	22	36	420	200	140	480	220	240	50	1,900	2,200	2600	5 U	5 U	5 U	5 U	76	36	5 U	6	790	190	5 U	5 U	7000	33000
cis-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	DL			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	1,000			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	700	700		21	43	23	25	13	11	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	17
Freon-113				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	DL	2,610		5 U	5.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	1,000	10,000		81	NA	84	93	NA	33	10 U	NA	10 U	NA	5 U	10 U	NA	10 U	NA	5 U	10 U	NA	10 U	NA	10 U	NA	5 U	10 U	NA	22	NA	10 U	NA	10 U	NA	5 U	NA	5 U	NA	5 U	NA
Methyl acetate				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	550		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.5
o-Xylene	1,000	10,000		58	NA	67	87	NA	42	5 U	NA	5 U	NA	5 U	5 U	NA	5 U	NA	5 U	5 U	NA	5 U	NA	5 U	NA	5 U	5 U	NA	21	NA	7.2	NA	5 U	NA	5 U	NA	5 U	NA	5 U	NA
Styrene	100	6,130		16	32	13	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	220	3	5 U	5 U	5 U	7.3	5 U	5 U	5 U	5 U	5 U	21	9.4	8	11	100	77	49	45	60	55	20	140	370	200	5 U	5 U	5 U	5 U	7.3	8.6	5 U	5 U	430	230	5 U	5 U	29	130
Toluene	1,000	6,890		8,300	15000	3500	580	70	49	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	290	56	5 U	8.1	5 U	5 U	5 U	5 U	5 U	5 U	9.7	140
trans-1,2-Dichloroethene	100	420	10,000	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	16	11	23	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80	160
trans-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	13	30	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.1	17	20	28	31	60	40	26	48	23	57	6.7	200	130	180	5 U	5 U	5 U	5 U	32	15	5 U	5 U	200	75	5.3	5 U	120	2800
Trichlorofluoromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	3.7	2.4	2 U	19	13	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	4.8	2 U	3.2	2 U	20	17	24	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.4	2 U	2 U	2 U	110	810
Xylenes, total	1,000	10,000		NA	260	NA	NA	110	NA	NA	5 U	NA	14	NA	NA	5 U	NA	5 U	NA	NA	5 U	NA	5 U	NA	5 U	NA	NA	5 U	NA	13	NA	5 U	NA	5 U	NA	5 U	NA	5 U	NA	74

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4
Groundwater Data Through June 25, 2015 - VOC Detections Only

Volatile Organic Compounds (µg/L)	RRS (µg/L)		ISWQS	EW-D3		EW-D5		EW-D7			EW-D9		MW-1																	MW-2		MW-5			MW-6			MW-7			
	Type 1	Type 3/4	(µg/L)	1/27/11	9/18/13	1/27/11	9/18/13	1/27/11	9/17/13	6/17/15	1/27/11	9/17/13	3/28/07	6/27/07	9/24/07	12/18/07	3/25/08	6/23/08	9/22/08	12/16/08	3/17/09	3/17/09	9/21/09	3/24/10	2/2/11	6/13/11	2/16/12	8/14/12	9/24/13	1/31/11	9/26/13	1/27/11	9/18/13	6/25/15	1/27/11	9/17/13	6/18/15	1/28/11	9/20/13	10/10/14	6/19/15
1,1,1-Trichloroethane	200	36,100		5 U	5 U	5 U	5 U	12	5 U	5 U	5.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	4,000	4,000		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	7	1,300		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	70	70	70	5 U	5 U	43	14	5 U	36	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	21	21	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**190**	33	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	600	1,470	1,300	5 U	5 U	160	5.7	5 U	28	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	90	530	580	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5	56		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	600	600		5 U	5 U	26	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.4	30	35	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	75	75	190	5 U	5 U	49	8.9	5 U	5 U	5 U	5 U	5 U	35	23	6	9	5 U	8	5 U	5 U	8	8	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**98**	**87**	**110**	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	2,000	25,600		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	2,000	6,240		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	31	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	4,000	68,700		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	180	50 U	50 U	50 U	3,500	97	210	250	250	50 U	50 U	50 U	64	650	50 U	50 U	50 U	50 U	50 U	610	220	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzene	5	20		5 U	5 U	5 U	5 U	5 U	5 U	**5.4**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	100			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	4,000			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	100	361	1,600	5 U	5 U	25	5.6	5 U	5 U	5 U	5 U	5 U	27	23	15	15	5 U	20	5 U	5 U	8	8	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.4	26	24	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	DL	87,600		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	16	5 U	5 U	5 U	5 U	5 U		5 U
Chloromethane				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U
cis-1,2-Dichloroethene	70	200		5 U	5 U	36	7.3	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	46	31	46	5 U	5 U	5 U	9	12	23	35
cis-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U
Cyclohexane	DL			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	1,000			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	700	700		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7.7	6.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon-113				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	DL	2,610		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**15**	**20**	5 U	5 U	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	1,000	10,000		10 U	NA	10 U	NA	10 U	NA	5.2	10 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	10 U	10 U	NA	10 U	NA	10 U	NA	39	10 U	NA	5 U	10 U	NA	NA	5 U
Methyl acetate				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	13	13	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	550		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	1,000	10,000		5 U	NA	5 U	NA	5 U	NA	5.2	5 U	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	5 U	NA	5 U	NA	49	5 U	NA	5 U	5 U	NA	NA	5 U
Styrene	100	6,130		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	220	3	5 U	5 U	**31**	**9.5**	**110**	**100**	**110**	**30**	**16**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**14**	**5.1**	5 U	5 U	5 U	5 U	5 U	**6.5**	**6.2**	**8.3**
Toluene	1,000	6,890		8.8	5 U	5 U	5 U	23	5	22	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	11	56	56	5 U	5 U	5 U	640	**1,400**	140	6.5	5 U	5 U	5 U	680	290	12	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	100	420	10,000	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U
Trichloroethene	5	13	30	5 U	5 U	**19**	5 U	**28**	**12**	**26**	**7.3**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**7.4**	**24**	**14**	5 U	5 U	5 U	**49**	**70**	**22**	**17**
Trichlorofluoromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U
Vinyl chloride	2	3.7	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	**14**	**8.3**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Xylenes, total	1,000	10,000		NA	5 U	NA	5 U	NA	23	NA	NA	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	5 U	NA	99	NA	NA	5 U		NA	5 U	5 U	NA

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4
Groundwater Data Through June 25, 2015 - VOC Detections Only

Volatile Organic Compounds (µg/L)	RRS (µg/L)		ISWQS	MW-9				MW-11				MW-12															MW-13		MW-14		MW-15		MW-16	MW-17			MW-18		MW-19		
	Type 1	Type 3/4	(µg/L)	1/28/11	9/23/13	10/10/14	6/18/15	1/28/11	9/23/13	10/10/14	6/19/15	7/18/07	9/25/07	12/18/07	3/25/08	6/24/08	9/23/08	12/17/08	3/17/09	3/24/10	2/7/2011	6/10/11	2/17/12	8/13/12	9/17/13	6/16/15	10/2/13	6/16/15	10/2/13	6/16/15	10/2/13	6/16/15	10/2/13	11/13/13	10/17/14	6/18/15	11/13/13	10/17/14	11/13/13	10/16/14	6/17/15
1,1,1-Trichloroethane	200	36,100		5 U	5 U	5 U	5 U	5 U	14	26	14	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	63	77	5.4	24	560	5200	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	0.2			5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5			5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	4,000	4,000		46	280	51	26	26	12	15	7.2	29	19	22	20	26	22	17	14	19	18	18	25	16	13	7	59	120	7.4	78	180	1600	5 U	5 U	5 U	5 U	49	42	5 U	5 U	5 U
1,1-Dichloroethene	7	1,300		29	290	42	9.9	23	19	31	12	130	79	72	55	63	68	51	36	45	30	52	130	47	58	12	62	110	5 U	25	110	1200	5 U	5 U	5 U	5 U	24	8.6	5 U	5 U	5 U
1,2,4-Trichlorobenzene	70	70	70	5 U	29	7.5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.3	5 U	5 U	5 U	5 U	260	1000	1100
1,2-Dibromo-3-chloropropane	0.2			5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane				5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	600	1,470	1,300	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	11	5 U	5 U	5 U	5 U	5 U	5 U	10	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	88	5 U	5 U	52	79	5 U	33	5 U	5 U	5 U	5 U	790	1600	1600
1,2-Dichloroethane	5	56		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	22	15	18	13	18	14	5 U	10	12	12	11	12	9.3	6.4	5 U	5 U	5 U	5 U	5 U	5 U	9.8	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.1	5 U	14	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	600	600		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	19	21	5 U	5 U	6.1	11	5 U	5 U	5 U	5 U	5 U	5 U	46	98	110
1,4-Dichlorobenzene	75	75	190	5 U	5 U	5.8	5.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	13 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	13 U	5 U	8.2	21	5 U	5 U	12	19	5 U	6.9	5 U	5 U	5 U	5 U	390	640	470
2-Butanone	2,000	25,600		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50.0 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	2,000	6,240		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	4,000	68,700		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50.0 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzene	5	20		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	29	14	18	13	10	10	7	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8.8	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane				5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	100			5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane				5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	4,000			5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride				5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	100	361	1,600	5 U	8.7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	520	300	170
Chloroethane	DL	87,600		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform				5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane				10 U	10 U		10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	70	200		13	170	170	170	56	90	400	130	160	110	250	190	280	260	210	180	180	190	430	270	280	190	89	2700	6100	170	2600	1200	4000	5 U	240	5 U	6.9	2000	1100	5.6	5 U	5 U
cis-1,3-Dichloropropene				5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	DL			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	1,000			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	700	700		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	40	6.3	5 U	5 U	5 U	5 U	5 U	5 U	7.6	15	9.7
Freon-113				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	110	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	DL	2,610		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.4	5 U
m,p-Xylene	1,000	10,000		10 U	NA	NA	5 U	10 U	NA	NA	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	5 U	5.0 U	10 U	10 U	NA	5 U	NA	5 U	NA	5 U	NA	11	NA	NA	NA	5 U	NA	NA	NA	NA	15
Methyl acetate				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	550		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2	30	2600	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	1,000	10,000		5 U	NA	NA	5 U	5 U	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	NA	5 U	NA	5 U	NA	5 U	NA	11	NA	NA	NA	5 U	NA	NA	NA	NA	17
Styrene	100	6,130		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	220	3	8.8	200	160	120	85	580	1400	500	14	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5.6	5 U	5 U	5 U	440	470	25	230	1400	3200	5 U	5 U	5 U	5 U	17	16	5 U	5 U	5 U
Toluene	1,000	6,890		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	16	5.8	5 U	46	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	100	420	10,000	5 U	5 U	5.4	5 U	5 U	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	12	5 U	10	12	12	6.7	6.8	5 U	5 U	20	39	5 U	24	13	36	5 U	5 U	5 U	5 U	20	12	5 U	5 U	5 U
trans-1,3-Dichloropropene				5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	5 U	5 U	5 U
Trichloroethene	5	13	30	17	270	71	53	39	59	150	55	1,700	600	430	230	240	380	340	450	690	260	110	610	300	240	64	550	1200	41	420	7400	3700	5 U	13	5 U	5 U	9.2	12	5 U	5 U	5 U
Trichlorofluoromethane				5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	5 U	5 U	5 U
Vinyl chloride	2	3.7	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	3	19	130	60	180	79	120	68	2.6	31	110	2 U	2 U	6.2	11	2 U	2 U	2 U	2 U	73	53	2 U	2 U	2 U
Xylenes, total	1,000	10,000		NA	5 U	5 U	NA	NA	5 U	5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	5 U	NA	5 U	NA	260	NA	5 U	5 U	5 U	NA	6.8	5 U	29	49	NA

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4
Groundwater Data Through June 25, 2015 - VOC Detections Only

Volatile Organic Compounds (µg/L)	RRS (µg/L)		ISWQS	MW-20			MW-21			MW-25			MW-26			MW-27		MW-28		MW-29		MW-30		MW-31		MW-A		MW-TX-S		MW-TX-W		PZ-1	PZ-2
	Type 1	Type 3/4	(µg/L)	11/13/13	10/16/14	6/17/15	11/13/13	10/16/14	6/17/15	12/18/13	10/17/14	6/17/15	12/18/13	10/17/14	6/18/15	10/9/14	6/18/15	10/9/14	6/18/15	10/9/14	6/18/15	10/10/14	6/19/15	10/10/14	6/19/15	2/1/11	9/27/13	3/13/14	10/16/14	3/13/14	10/16/14	9/24/13	9/24/13
1,1,1-Trichloroethane	200	36,100		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	600	490	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	0.2			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	4,000	4,000		5 U	5 U	5 U	5 U	5 U	5 U	5 U	15	24	5 U	5 U	5 U	23	12	26	51	5 U	5 U	5 U	5 U	5 U	6.2	47	52	5.1	10	5 U	5 U	5 U	5 U
1,1-Dichloroethene	7	1,300		5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.5	13	5 U	5 U	5 U	19	12	28	56	5 U	5 U	5 U	5 U	7.1	15	120	87	5 U	7.6	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	70	70	70	870	840	630	330	300	600	5 U	5 U	11	630	630	470	5 U	5 U	5 U	5 U	95	56	310	260	5 U	7.9	18	42	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	0.2			5 U	U	5 U	5 U	U	5 U	5 U	5 U	5 U	5 U	U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane				5 U	U	5 U	5 U	U	5 U	5 U	5 U	5 U	5 U	U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	600	1,470	1,300	970	1300	1300	200	47	170	5 U	5 U	5 U	1500	1200	2000	5 U	5 U	7.1	14	230	150	1000	530	47	66	5 U	5 U	5 U	5.3	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5	56		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	600	600		48	45	48	10	5 U	9.3	5 U	5 U	5 U	71	68	86	5 U	5 U	5 U	5 U	25	21	69	43	5.3	6.5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	75	75	190	85	94	97	19	6	21	5 U	5 U	5 U	180	170	220	5 U	5 U	5 U	5 U	61	46	350	210	12	14	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	2,000	25,600		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	2,000	6,240		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	4,000	68,700		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzene	5	20		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	24	11	120	120	5 U	5 U	230	270	47	5 U	5 U	5 U
Bromodichloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	100			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	4,000			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	100	361	1,600	23	31	33	5 U	5 U	5 U	5 U	5 U	5 U	8.5	7.5	11	5 U	5 U	5 U	5 U	110	130	1000	650	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	DL	87,600		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	19	50	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane				10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	70	200		14	17	43	5 U	5 U	5 U	50	190	410	5 U	5 U	5 U	6.7	5 U	440	1100	46	5 U	82	60	96	150	5 U	5 U	120	92	16	17	5 U	5 U
cis-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	5 U	U	5 U	U	5 U	U	5 U	U	5 U	5 U	5 U	5 U	U	5 U	5 U	5 U	5 U
Cyclohexane	DL			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	18	38	5 U	5 U	14	14	6.2	5 U	5 U	5 U
Dibromochloromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	5 U	U	5 U	U	5 U	U	5 U	U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	1,000			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	U	10 U	U	10 U	U	10 U	U	10 U	U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	700	700		34	66	74	5 U	5 U	5 U	5 U	5 U	5 U	25	20	38	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7.2	27	5 U	5 U	5 U
Freon-113				10 U	U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U	67	5 U	10 U	5 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	DL	2,610		13	14	16	5 U	5 U	5 U	5 U	5 U	5 U	6	6.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.8	5 U	9.4	8.7	5 U	5 U	7.2	10	6.1	5 U	5 U	5 U
m,p-Xylene	1,000	10,000		NA	NA	170	NA	NA	5 U	NA	NA	5 U	NA	NA	150	NA	5 U	NA	5 U	NA	5 U	NA	11	NA	5 U	5 U	NA	NA	NA	NA	NA	NA	NA
Methyl acetate				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	430	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	23	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	550		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	1,000	10,000		NA	NA	89	NA	NA	5 U	NA	NA	5 U	NA	NA	96	NA	5 U	NA	5 U	NA	5 U	NA	16	NA	5 U	5 U	NA	NA	NA	NA	NA	NA	NA
Styrene	100	6,130		5 U	8.6	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	220	3	5 U	5.1	5.2	22	5 U	9.8	15	17	19	13	12	9.9	5 U	5 U	55	66	9.7	5 U	5.8	7.7	60	90	16	25	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	1,000	6,890		49	61	52	5 U	5 U	5 U	5 U	5 U	5 U	54	39	110	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.7	5 U	5 U	5 U
trans-1,2-Dichloroethene	100	420	10,000	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	13	30	5 U	5 U	5 U	5 U	5 U	5 U	5.2	6.5	8.4	5 U	5 U	5 U	7.9	5 U	180	410	22	5 U	11	5 U	350	480	5 U	6.9	5 U	9.7	5 U	5 U	5 U	5 U
Trichlorofluoromethane				5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	3.7	2.4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.6	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	29	70	2 U	2 U	2 U	2 U
Xylenes, total	1,000	10,000		84	240	NA	5	5 U	NA	5 U	5 U	NA	160	130	NA	5 U	NA	5 U	NA	5 U	NA	62	NA	5 U	NA	NA	5 U	5 U	5 U	160	5 U	5 U	5 U

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4
Groundwater Data Through June 25, 2015 - SVOC Detections Only

Semi-Volatile Organic Compounds (µg/L)	RRS (µg/L)		BH-11	BH-13	BH-24	EW-A1			EW-A2			EW-A3		EW-A4		EW-B3		EW-D3	EW-D5	EW-D7			EW-D9		MW-5		
	Type 1	Type 3/4	9/25/13	9/25/13	9/24/13	2/3/11	9/18/13	6/25/15	2/3/11	9/18/13	6/17/15	2/3/11	9/19/13	9/20/13	6/25/15	2/3/11	9/19/13	2/7/11	2/7/11	2/7/11	9/17/13	6/17/15	2/7/11	9/17/13	2/3/11	9/18/13	6/25/15
1,1´-Biphenyl						10 U		10 U	10 U		10 U	10 U			12 U	10 U		10 U	10 U	10 U		11	10 U		10 U		10 U
2,4-Dimethylphenol	700	2040	10 U	10 U	10 U	10 U	50 U	10 U	15	50 U	33	10 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U
2-Chlorophenol	40	510	NA	NA	NA	29	NA	10 U	10 U	NA	10 U	10 U	NA	NA	12 U	10 U	NA	10 U	10 U	10 U	NA	10 U	10 U	NA	10 U	NA	10 U
2-Methylnaphthalene			NA	NA	NA	400	NA	290	220	NA	220	81	NA	NA	12 U	10 U	NA	10 U	10 U	10 U	NA	110	10 U	NA	12	NA	10 U
2-Methylphenol	DL	2590	10 U	10 U	10 U	**32**	50 U	**30**	**49**	50 U	10 U	10 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	**53**
4-Methylphenol	DL	3470	10 U	10 U	10 U	**100**	50 U	**46**	**52**	50 U	10 U	10 U	10 U	10 U	12 U	10 U	**63**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	**690**
Acenaphthene	2000	6130	10 U	10 U	10 U	10	50 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U
Acetophenone	4000	10200	NA	NA	NA	22	NA	10 U	10 U	NA	10 U	10 U	NA	NA	12 U	10 U	NA	10 U	10 U	10 U	NA	10 U	10 U	NA	10 U	NA	10 U
Benzo(b)fluoranthene	0.2	1.4	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U	**10**	10 U	10 U	12 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U
Naphthalene	20	26	10 U	10 U	10 U	**560**	**580**	**440**	**550**	**420**	**600**	**39**	**25**	17	12 U	10 U	10 U	10 U	10 U	**29**	**330**	**77**	10 U	10 U	10 U	50 U	**37**
Pentachlorophenol	1	6.2	25 U	25 U	25 U	25 U	130 U	25 U	25 U	130 U	25 U	25 U	25 U	25 U	30 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	130 U	25 U

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS

DL= Detection Limit
NA= Sample not analyzed for compound
U = Compound not detected above method quantitation limit.

Table 4
Groundwater Data Through June 25, 2015 - SVOC Detections Only

Semi-Volatile Organic Compounds (µg/L)	RRS (µg/L)		MW-6		MW-7		MW-9	MW-13	MW-14	MW-15	MW-16	MW-17		MW-18	MW-19			MW-20			MW-21			MW-25		MW-26			MW-28		MW
	Type 1	Type 3/4	9/17/13	6/18/15	2/3/11	9/20/13	9/23/13	10/2/13	10/2/13	10/2/13	10/2/13	11/14/13	6/18/15	11/14/13	11/14/13	10/16/14	6/17/15	11/14/13	10/16/14	6/17/15	11/14/13	10/16/14	6/17/15	12/18/13	6/17/15	12/18/13	10/17/14	6/18/15	10/9/14	6/18/15	10/9/14
1,1´-Biphenyl				10 U	10 U								10 U				42			29			10 U		10 U			27		10 U	
2,4-Dimethylphenol	700	2040	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	40	510	NA	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U	NA	10 U	NA	NA	10 U	NA	10 U	NA
2-Methylnaphthalene			NA	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA	85	NA	NA	490	NA	NA	200	NA	10 U	NA	NA	700	NA	10 U	NA
2-Methylphenol	DL	2590	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	DL	3470	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	2000	6130	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	21	23	21	11	14	10	10 U	10 U	10 U	10 U	10 U	10 U	19	12	10 U	10 U	10 U
Acetophenone	4000	10200	NA	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U	NA	10 U	NA	NA	10 U	NA	10 U	NA
Benzo(b)fluoranthene	0.2	1.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	20	26	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100	10 U	10 U	10 U	10 U	**240**	**300**	**290**	**480**	**800**	**740**	**110**	**23**	**74**	10 U	10 U	**400**	**440**	**620**	10 U	10 U	19
Pentachlorophenol	1	6.2	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**25**	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
DL= Detection Limit
NA= Sample not analyzed for compound
U = Compound not detected above method quantitation limit.

Table 4
Groundwater Data Through June 25, 2015 - SVOC Detections Only

Semi-Volatile Organic Compounds (µg/L)	RRS (µg/L)		/-29	MW-30		MW-31		MW-TX-S	MW-TX-W	PZ-2
	Type 1	Type 3/4	6/18/15	10/10/14	6/19/15	10/10/14	6/19/15	10/16/14	10/16/14	9/24/13
1,1´-Biphenyl			10 U		10 U		10 U			
2,4-Dimethylphenol	700	2040	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	40	510	10 U	NA	10 U	NA	10 U	NA	NA	NA
2-Methylnaphthalene			10 U	NA	140	NA	10 U	NA	NA	NA
2-Methylphenol	DL	2590	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	DL	3470	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	2000	6130	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	4000	10200	10 U	NA	10 U	NA	10 U	NA	NA	NA
Benzo(b)fluoranthene	0.2	1.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	20	26	10 U	**400**	**240**	**22**	17	16	10 U	10 U
Pentachlorophenol	1	6.2	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U

Table 4

Groundwater Data Through June 25, 2015 - PCBs and Pesticides Detections Only

Polychlorinated Biphynelys (µg/L)	RRS (µg/L) Type 1	RRS (µg/L) Type 3/4	BH-6 3/30/07	BH-6 3/25/10	BH-6 2/2/11	BH-6 6/16/11	BH-7 3/29/07	BH-7 3/25/10	BH-7 2/2/11	BH-7 6/16/11	BH-7 9/27/13	BH-9 2/1/11	BH-10 2/1/11	BH-10 9/27/13	BH-11 3/29/07	BH-11 3/25/10	BH-11 2/2/11	BH-11 6/16/11	BH-12 2/3/11	BH-12 9/24/13	BH-13 2/3/11	BH-13 9/24/13	BH-14 2/3/11	BH-14 9/27/13
Aroclor 1016	0.5	7.2	--	--	0.50 U	NA	--	--	**5.70**	0.5 U	0.5 U	NA	NA	NA	--	--	0.50 U	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232			0.5 U	0.5 U	0.50 U	NA	0.5 U	0.5 U	0.50 U	**8**	0.5 U	NA	NA	NA	0.5 U	0.5 U	0.50 U	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242			1 U	1 U	0.50 U	NA	5.5	6.0	0.50 U	0.5 U	**7.0**	NA	NA	NA	1 U	1 U	0.50 U	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	0.5	0.5	1 U	1 U	0.50 U	NA	**3.8**	**3.4**	**2.10**	**1.4**	**5.0**	NA	NA	NA	1 U	1 U	0.50 U	NA	NA	NA	NA	NA	NA	NA
Pesticides (µg/L)	**RRS (µg/L) Type 1**	**RRS (µg/L) Type 3/4**	**BH-6 3/30/07**	**BH-6 3/25/10**	**BH-6 2/2/11**	**BH-6 6/16/11**	**BH-7 3/29/07**	**BH-7 3/25/10**	**BH-7 2/2/11**	**BH-7 6/16/11**	**BH-7 9/27/13**	**BH-9 2/1/11**	**BH-10 2/1/11**	**BH-10 9/27/13**	**BH-11 3/29/07**	**BH-11 3/25/10**	**BH-11 2/2/11**	**BH-11 6/16/11**	**BH-12 2/3/11**	**BH-12 9/24/13**	**BH-13 2/3/11**	**BH-13 9/24/13**	**BH-14 2/3/11**	**BH-14 9/27/13**
4,4´-DDD	0.1	2.7			0.10 U	0.1 U			0.10 U	0.1 U	0.1 U	NA	NA	NA			0.10 U	0.1 U	NA	NA	NA	NA	NA	NA
4,4´-DDE	0.1	1.9			0.10 U	0.1 U			0.10 U	0.1 U	0.1 U	NA	NA	NA			0.10 U	0.1 U	NA	NA	NA	NA	NA	NA
4,4´-DDT	0.1	1.9			0.10 U	0.1 U			0.10 U	0.1 U	0.1 U	NA	NA	NA			0.10 U	0.1 U	NA	NA	NA	NA	NA	NA
alpha-BHC	0.006	0.1			0.05 U	0.05 U			0.05 U	0.05 U	0.05 U	NA	NA	NA			0.050 U	0.05 U	NA	NA	NA	NA	NA	NA
alpha-Chlordane	2.0	2.0			0.05 U	0.05 U			0.05 U	0.05 U	0.05 U	NA	NA	NA			0.050 U	0.05 U	NA	NA	NA	NA	NA	NA
beta-BHC	0.02	0.4	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.21**	0.05 U	0.05 U	NA	NA	NA	0.05 U	0.05 U	0.050 U	0.05 U	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	DL	DL			0.1 U	NA			NA	0.10 U	0.1 U	0.1 U	NA	NA			0.10 U	NA	0.10 U	0.10 U	0.1 U	0.10 U	NA	0.10 U
gamma-BHC	0.2		0.05 U	0.05 U	0.05 U	NA	0.05 U	0.05 U	NA	0.050 U	0.05 U	0.1 U	NA	NA	0.05 U	0.05 U	0.050 U	NA	0.05 U	0.05 U	0.1 U	0.05 U	NA	0.05 U
gamma-Chlordane	2.0	2.0			0.05 U	0.05 U			NA	NA	0.05 U	0.05 U	0.1 U	0.05 U			0.050 U	NA						

Polychlorinated Biphynelys (µg/L)	BH-17 3/29/07	BH-17 3/25/10	BH-17 2/2/11	BH-17 6/15/11	BH-17 2/17/12	BH-17 8/15/12	BH-18 2/1/11	BH-19 3/29/07	BH-19 2/3/11	BH-19 6/14/11	BH-19 2/16/12	BH-19 8/14/12	BH-20 3/29/07	BH-20 3/25/10	BH-20 2/2/11	BH-20 6/13/11	BH-20 2/16/12	BH-20 8/15/12
Aroclor 1016	--	--	0.50 U	NA	0.5 U	0.5 U	NA	--	0.5 U	0.5 U	0.5 U	0.5 U	--	--	0.50 U	0.5 U	0.5 U	0.5 U
Aroclor 1232	0.5 U	0.5 U	0.50 U	NA	0.5 U	0.5 U	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
Aroclor 1242	1 U	1 U	0.50 U	NA	0.5 U	0.5 U	NA	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.50 U	0.5 U	0.5 U	0.5 U
Aroclor 1260	1 U	1 U	0.50 U	NA	0.5 U	0.5 U	NA	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.50 U	0.5 U	0.5 U	0.5 U
Pesticides (µg/L)	**BH-17 3/29/07**	**BH-17 3/25/10**	**BH-17 2/2/11**	**BH-17 6/15/11**	**BH-17 2/17/12**	**BH-17 8/15/12**	**BH-18 2/1/11**	**BH-19 3/29/07**	**BH-19 2/3/11**	**BH-19 6/14/11**	**BH-19 2/16/12**	**BH-19 8/14/12**	**BH-20 3/29/07**	**BH-20 3/25/10**	**BH-20 2/2/11**	**BH-20 6/13/11**	**BH-20 2/16/12**	**BH-20 8/15/12**
4,4´-DDD			0.10 U	0.1 U	0.1 U	0.1 U	NA		0.10 U	0.10 U	0.10 U	0.10 U			0.10 U	0.1 U	0.1 U	0.1 U
4,4´-DDE			0.10 U	0.1 U	0.1 U	0.1 U	NA		0.10 U	0.10 U	0.10 U	0.10 U			0.10 U	0.1 U	0.1 U	0.1 U
4,4´-DDT			0.10 U	0.1 U	0.1 U	0.1 U	NA		0.10 U	0.10 U	0.10 U	0.10 U			0.10 U	0.1 U	0.1 U	0.1 U
alpha-BHC			0.05 U	0.05 U	0.05 U	0.05 U	NA		0.050 U	0.050 U	0.050 U	0.050 U			0.05 U	0.05 U	0.05 U	0.05 U
alpha-Chlordane			0.05 U	0.05 U	0.05 U	0.05 U	NA		0.050 U	0.050 U	0.050 U	0.050 U			0.05 U	0.05 U	0.05 U	0.05 U
beta-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan sulfate			0.10 U	0.1 U	0.1 U	0.1 U	0.10 U		0.10 U	0.10 U	0.10 U	0.10 U			0.10 U	NA	0.1 U	0.1 U
gamma-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.050 U	0.050 U	0.050 U	0.050 U	0.12	0.05 U	0.05 U	NA	0.05 U	0.05 U
gamma-Chlordane			0.05 U	NA	0.05 U	0.05 U			0.050 U	NA	0.050 U	0.050 U			0.05 U	NA	0.05 U	0.05 U

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4

Groundwater Data Through June 25, 2015 - PCBs and Pesticides Detections Only

Polychlorinated Biphynelys (µg/L)	RRS (µg/L) Type 1	RRS (µg/L) Type 3/4	BH-21 3/29/07	BH-21 3/24/10	BH-21 2/2/11	BH-21 6/13/11	BH-21 2/16/12	BH-21 8/15/12	BH-21 9/25/13	BH-22 1/31/11	BH-22 9/25/13	BH-23 1/31/11	BH-23 9/24/13	BH-24 3/29/07	BH-24 3/24/10	BH-24 2/2/11	BH-24 6/14/11	BH-24 2/16/12	BH-24 8/14/12	BH-24 9/24/13	EW-A1 2/3/11	EW-A1 9/18/13	EW-A2 2/3/11	EW-A2 9/18/13	EW-A3 2/3/11	EW-A3 9/19/13	EW-A4 9/20/13	EW-A6 9/20/13	EW-A7 9/20/13	EW-A8 9/20/13	EW-A9 9/23/13	EW-A10 9/24/13	EW-B3 2/3/11	EW-B3 9/19/13	EW-B4 9/19/13	EW-B5 9/19/13	EW-B6 2/7/11	EW-B6 9/20/13	EW-C6 1/28/11	EW-C6 9/26/13
Aroclor 1016	0.5	7.2	--	--	0.50 U	NA	0.5 U	0.5 U	--	NA	--	NA	--	--	--	0.50 U	NA	NA	0.50 U	NA	NA	0.50 U	NA	0.50 U	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U		0.50 U	0.50 U	0.50 U	NA	0.50 U	NA	0.50 U
Aroclor 1232			0.5 U	0.5 U	0.50 U	NA	0.5 U	0.5 U		NA		NA		0.5 U	0.5 U	0.50 U	NA	NA			NA		NA		NA												NA		NA	
Aroclor 1242			1 U	1 U	0.50 U	NA	0.5 U	0.5 U		NA		NA		1 U	1 U	0.50 U	NA	NA			NA		NA		NA												NA		NA	
Aroclor 1260	0.5	0.5	1 U	1 U	0.50 U	NA	0.5 U	0.5 U		NA		NA		1 U	1 U	0.50 U	NA	NA			NA		NA		NA												NA		NA	

Pesticides (µg/L)	RRS (µg/L) Type 1	RRS (µg/L) Type 3/4	BH-21 3/29/07	BH-21 3/24/10	BH-21 2/2/11	BH-21 6/13/11	BH-21 2/16/12	BH-21 8/15/12	BH-21 9/25/13	BH-22 1/31/11	BH-22 9/25/13	BH-23 1/31/11	BH-23 9/24/13	BH-24 3/29/07	BH-24 3/24/10	BH-24 2/2/11	BH-24 6/14/11	BH-24 2/16/12	BH-24 8/14/12	BH-24 9/24/13	EW-A1 2/3/11	EW-A1 9/18/13	EW-A2 2/3/11	EW-A2 9/18/13	EW-A3 2/3/11	EW-A3 9/19/13	EW-A4 9/20/13	EW-A6 9/20/13	EW-A7 9/20/13	EW-A8 9/20/13	EW-A9 9/23/13	EW-A10 9/24/13	EW-B3 2/3/11	EW-B3 9/19/13	EW-B4 9/19/13	EW-B5 9/19/13	EW-B6 2/7/11	EW-B6 9/20/13	EW-C6 1/28/11	EW-C6 9/26/13
4,4´-DDD	0.1	2.7			0.10 U	0.1 U	0.1 U	0.1 U		NA		NA				0.10 U	0.1 U	0.1 U	0.1 U		**1.50**	**3.9**	**0.63**	**0.13**	**0.19**	0.1 U	0.1 U					**0.63**	0.1 U	**0.21**	0.1 U	0.10 U	0.1 U	NA	
4,4´-DDE	0.1	1.9			0.10 U	0.1 U	0.1 U	0.1 U		NA		NA				0.10 U	0.1 U	0.1 U	0.1 U		**0.19**	**0.3**	**0.13**	0.1 U	0.10 U	0.1 U	0.1 U					**0.12**	0.1 U	0.1 U	0.1 U	0.10 U	0.1 U	NA	
4,4´-DDT	0.1	1.9			0.10 U	0.1 U	0.1 U	0.1 U		NA		NA				0.10 U	0.1 U	0.1 U	0.1 U		0.10 U	0.1 U	0.10 U	0.1 U	0.10 U	0.1 U	0.1 U					0.10 U	0.1 U	0.1 U	**0.1**	0.10 U	0.1 U	NA	
alpha-BHC	0.006	0.1			0.05 U	0.05 U	0.05 U	0.05 U		NA		NA				0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	**0.065**	0.05 U	**0.057**	0.05 U	0.05 U	0.05 U					0.050 U	0.05 U	0.05 U	0.05 U	0.050 U	0.05 U	NA	
alpha-Chlordane	2.0	2.0			0.05 U	0.05 U	0.05 U	0.05 U		NA		NA				0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U					0.050 U	0.05 U	0.05 U	0.05 U	0.050 U	0.05 U	NA	
beta-BHC	0.02	0.4	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U	NA	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U					0.050 U	0.05 U	0.05 U	0.05 U	0.050 U	0.05 U	NA	
Endosulfan sulfate	DL	DL			0.10 U	0.10 U	0.1 U	0.1 U		0.1 U		NA				0.10 U	NA	0.1 U	0.1 U		0.10 U	0.1 U	0.10 U	0.1 U	0.10 U	0.1 U	0.1 U					0.10 U	0.1 U	**0.15**	**0.69**	0.10 U	0.1 U	NA	
gamma-BHC	0.2		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U					0.050 U	0.05 U	0.05 U	0.05 U	0.050 U	0.05 U	NA	
gamma-Chlordane	2.0	2.0			0.05 U	NA	0.05 U	0.05 U				NA				0.05 U	NA	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U					0.050 U	0.05 U	0.05 U	0.05 U	0.050 U	0.05 U	NA	

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4

Groundwater Data Through June 25, 2015 - PCBs and Pesticides Detections Only

Polychlorinated Biphynelys (µg/L)	RRS (µg/L) Type 1	RRS (µg/L) Type 3/4	EW-C7 1/28/11	EW-C7 9/26/13	EW-C8 1/28/11	EW-C8 9/25/13	EW-D3 9/18/13	EW-D5 9/18/13	EW-D7 2/7/11	EW-D7 9/17/13	EW-D9 2/7/11	EW-D9 9/17/13
Aroclor 1016	0.5	7.2	NA	0.50 U	NA	0.50 U	0.50 U	0.50 U	NA	0.50 U	NA	0.50 U
Aroclor 1232			NA		NA				NA		NA	
Aroclor 1242			NA		NA				NA		NA	
Aroclor 1260	0.5	0.5	NA		NA				NA		NA	

Polychlorinated Biphynelys (µg/L)	MW-1 3/28/07	MW-1 9/22/08	MW-1 12/16/08	MW-1 3/17/09	MW-1 3/17/09	MW-1 9/21/09	MW-1 3/24/10	MW-1 2/2/11	MW-1 6/13/11	MW-1 2/16/12	MW-1 8/14/12	MW-1 9/24/13	MW-2 9/26/13	MW-5 2/3/11	MW-5 9/18/13	MW-6 9/17/13	MW-7 2/3/11	MW-7 9/20/13	MW-9 9/23/13	MW-11 9/23/13
Aroclor 1016	--	--	--	--	--	--	--	0.50 U	NA	NA	NA	0.50 U	0.50 U		0.50 U	0.50	NA	0.50 U	0.50 U	0.50 U
Aroclor 1232	0.5 U	--	--	--	--	--	0.5 U	0.50 U	NA	NA	NA						NA			
Aroclor 1242	1 U	--	--	--	--	--	1 U	0.50 U	NA	NA	NA						NA			
Aroclor 1260	1 U	--	--	--	--	--	1 U	0.50 U	NA	NA	NA						NA			

Polychlorinated Biphynelys (µg/L)	MW-12 7/18/07	MW-12 9/25/07	MW-12 12/18/07	MW-12 3/25/08	MW-12 6/24/08	MW-12 9/23/08	MW-12 12/17/08	MW-12 3/17/09	MW-12 3/24/10	MW-12 2/7/2011	MW-12 6/10/11	MW-12 2/17/12	MW-12 8/13/12	MW-12 9/17/13
Aroclor 1016	--	--	--	--	--	--	--	--	--	0.5 U	NA	--	--	--
Aroclor 1232	--	--	--	--	--	--	--	--	--	0.5 U	NA	--	--	--
Aroclor 1242	--	--	--	--	--	--	--	--	--	0.5 U	NA	--	--	--
Aroclor 1260	--	--	--	--	--	--	--	--	--	0.5 U	NA	--	--	--

Pesticides (µg/L)	RRS (µg/L) Type 1	RRS (µg/L) Type 3/4	EW-C7 1/28/11	EW-C7 9/26/13	EW-C8 1/28/11	EW-C8 9/25/13	EW-D3 2/7/11	EW-D5 2/7/11	EW-D7 2/7/11	EW-D7 9/17/13	EW-D9 2/7/11	EW-D9 9/17/13
4,4´-DDD	0.1	2.7	NA		NA		0.10 U	**1.50**	0.10 U	0.1 U	0.10 U	0.1 U
4,4´-DDE	0.1	1.9	NA		NA		0.10 U	0.10 U	0.10 U	0.1 U	0.10 U	0.1 U
4,4´-DDT	0.1	1.9	NA		NA		0.10 U	0.10 U	0.10 U	0.1 U	0.10 U	0.1 U
alpha-BHC	0.006	0.1	NA		NA		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
alpha-Chlordane	2.0	2.0	NA		NA		0.05 U	0.05 U	0.13	0.05 U	0.20	0.05 U
beta-BHC	0.02	0.4	NA		NA		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan sulfate	DL	DL	0.10 U		0.1 U		0.10 U	0.10 U	0.10 U	0.1 U	0.10 U	0.1 U
gamma-BHC	0.2		0.05 U		0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-Chlordane	2.0	2.0	0.05 U		0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.10	0.05 U

Pesticides (µg/L)	MW-1 3/28/07	MW-1 9/22/08	MW-1 12/16/08	MW-1 3/17/09	MW-1 3/17/09	MW-1 9/21/09	MW-1 3/24/10	MW-1 2/2/11	MW-1 6/13/11	MW-1 2/16/12	MW-1 8/14/12	MW-1 9/24/13	MW-2 9/26/13	MW-5 2/3/11	MW-5 9/18/13	MW-6 9/17/13	MW-7 2/3/11	MW-7 9/20/13	MW-9 9/23/13	MW-11 9/23/13
4,4´-DDD								0.10 U	0.1 U	0.1 U	0.1 U	NA		0.10 U	0.1 U	0.1 U	0.10 U	0.1 U	0.1 U	
4,4´-DDE								0.10 U	0.1 U	0.1 U	0.1 U	NA		0.10 U	0.1 U	0.1 U	0.10 U	0.1 U	0.1 U	
4,4´-DDT								0.10 U	0.1 U	0.1 U	0.1 U	NA		0.10 U	0.1 U	0.1 U	0.10 U	0.1 U	0.1 U	
alpha-BHC								0.05 U	0.05 U	0.05 U	0.05 U	NA		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
alpha-Chlordane								0.05 U	0.05 U	0.05 U	0.05 U	NA		0.05 U	0.57	0.05 U	0.05 U	0.05 U	0.05 U	
beta-BHC	0.05 U	--	--	--	--	--	--	0.05 U	0.05 U	0.05 U	0.05 U	NA		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
Endosulfan sulfate								0.10 U		0.1 U	0.1 U	NA		0.10 U	0.1 U	0.1 U	0.10 U	0.1 U	0.1 U	
gamma-BHC	0.05 U	--	--	--	--	--	--	0.05 U	--	0.05 U	0.05 U	NA		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
gamma-Chlordane		0.05 U	NA	NA	0.05 U	0.05 U	NA	0.05 U		0.05 U	0.05 U	NA		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	

Pesticides (µg/L)	MW-12 7/18/07	MW-12 9/25/07	MW-12 12/18/07	MW-12 3/25/08	MW-12 6/24/08	MW-12 9/23/08	MW-12 12/17/08	MW-12 3/17/09	MW-12 3/24/10	MW-12 2/7/11	MW-12 6/10/11	MW-12 2/17/12	MW-12 8/13/12	MW-12 9/17/13
4,4´-DDD										0.10 U	0.10 U	0.1 U	0.1 U	
4,4´-DDE										0.10 U	0.10 U	0.1 U	0.1 U	
4,4´-DDT										0.10 U	0.10 U	0.1 U	0.1 U	
alpha-BHC										0.05 U	0.05 U	0.05 U	0.05 U	
alpha-Chlordane										0.05 U	0.05 U	0.05 U	0.05 U	
beta-BHC	--	--	--	--	--	--	--	--	--	0.05 U	0.05 U	0.05 U	0.05 U	--
Endosulfan sulfate										0.10 U	NA	0.1 U	0.1 U	
gamma-BHC	--	--	--	--	--	--	--	--	--	0.05 U	NA	0.05 U	0.05 U	--
gamma-Chlordane	NA	NA	0.05 U	0.05 U	NA	NA	0.05 U	0.05 U	0.05 U	0.05 U	NA	0.05 U	0.05 U	NA

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 4

Groundwater Data Through June 25, 2015 - PCBs and Pesticides Detections Only

Polychlorinated Biphynelys (µg/L)	RRS (µg/L) Type 1	RRS (µg/L) Type 3/4	MW-13 10/2/13	MW-14 10/2/13	MW-15 10/2/13	MW-16 10/2/13	MW-17 11/13/13	MW-18 11/13/13	MW-19 11/13/13	MW-20 11/13/13	MW-21 11/13/13	MW-25 12/18/13	MW-26 12/18/13	MW-27 10/9/14	MW-28 10/9/14	MW-29 10/9/14	MW-30 10/10/14	MW-31 10/10/14	MW-A 2/1/11	MW-A 9/27/13	MW-TX-S 3/13/14	MW-TX-W 3/13/14	PZ-1 9/24/13	PZ-2 9/24/13
Aroclor 1016	0.5	7.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	NA	NA	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor 1232																			NA	NA				
Aroclor 1242																			NA	NA				
Aroclor 1260	0.5	0.5																	NA	NA				
Pesticides (µg/L)	**RRS (µg/L) Type 1**	**RRS (µg/L) Type 3/4**	MW-13 10/2/13	MW-14 10/2/13	MW-15 10/2/13	MW-16 10/2/13	MW-17 11/14/13	MW-18 11/14/13	MW-19 11/14/13	MW-20 11/14/13	MW-21 11/14/13	MW-25 12/18/13	MW-26 12/18/13	MW-27 10/9/14	MW-28 10/9/14	MW-29 10/9/14	MW-30 10/10/14	MW-31 10/10/14	MW-A 2/1/11	MW-A 9/27/13	MW-TX-S 3/13/14	MW-TX-W 3/13/14	PZ-1 9/24/13	PZ-2 9/24/13
4,4´-DDD	0.1	2.7					0.1 U	0.1 U	0.1 U	0.1 U	0.1 U								NA	NA				0.1 U
4,4´-DDE	0.1	1.9					0.1 U	0.1 U	0.1 U	0.1 U	0.1 U								NA	NA				0.1 U
4,4´-DDT	0.1	1.9					0.1 U	0.1 U	0.1 U	0.1 U	0.1 U								NA	NA				0.1 U
alpha-BHC	0.006	0.1					0.05 U	0.05 U	0.05 U	0.05 U	0.05 U								NA	NA				0.05 U
alpha-Chlordane	2.0	2.0					0.05 U	0.05 U	0.05 U	0.05 U	0.05 U								NA	NA				0.05 U
beta-BHC	0.02	0.4					0.05 U	0.05 U	0.05 U	0.05 U	0.05 U								NA	NA				0.05 U
Endosulfan sulfate	DL	DL					0.1 U	0.1 U	0.1 U	0.1 U	0.1 U								0.10 U	0.10 U				0.1 U
gamma-BHC	0.2						0.05 U	0.05 U	0.05 U	0.05 U	0.05 U								0.05 U	0.05 U				0.05 U
gamma-Chlordane	2.0	2.0					0.05 U	0.05 U	0.05 U	0.05 U	0.05 U								0.05 U	0.05 U				0.05 U

All concentrations are in units of micrograms per liter (µg/L).
Only compounds detected in one or more monitoring wells are shown.
U = Compound not detected above method quantitation limit.
- Constituent detected above Type 1 RRS
- Constituent detected above Type 3/4 RRS
NA = Sample not analyzed for compound
DL= Detection Limit
E= Estimated (value above quantitation range)

Table 5
Summary of Type 3 and Type 4 RRS for Soil
Former Oxford Chemicals Property, Chamblee, Georgia

Constituent		DAF to Use	Surface Soils (SS)			Subsurface Soils (SB)		
			Type 3 RRS (mg/kg)	Type 4 RRS DAF = 1 (mg/kg)	Type 4 RRS DAF = 20 (mg/kg)	Type 3 RRS (mg/kg)	Type 4 RRS DAF = 1 (mg/kg)	Type 4 RRS DAF = 20 (mg/kg)
Volatile Organic Compounds								
Acetone	67-64-1	20	400	14.1	282	400	14.1	282
Benzene	71-43-2	20	0.50	0.01	0.20	0.50	0.01	0.20
Bromoform	75-25-2	20	10.0	0.037	0.73	10.0	0.037	0.73
2-Butanone	78-93-3	20	200	5.35	107	200	5.35	107
Carbon Disulfide	75-15-0	20	400	1.18	23.7	400	1.18	23.7
Chlorobenzene	108-90-7	20	10.0	0.24	4.90	10.0	0.24	4.90
Chloroethane	75-00-3	20	0.17	25	497	0.17	25	497
Cyclohexane	110-82-7	20	20	55	1,093	20	55	1,093
1,2-Dibromo-3-Chloropropane	96-12-8	20	0.02	8.6E-05	0.0017	0.02	8.6E-05	0.0017
1,2-Dichlorobenzene	95-50-1	1	60.0	1.43	28.6	60.0	1.43	28.6
1,3-Dichlorobenzene	541-73-1	20	60.0	0.86	17.3	60.0	0.86	17.3
1,4-Dichlorobenzene	106-46-7	1	7.50	0.072	1.44	7.50	0.072	1.44
Dichlorodifluoromethane	75-71-8	20	24.5	1.54	30.8	100	1.54	30.8
1,1-Dichloroethane	75-34-3	20	400	1.14	22.7	400	1.14	22.7
1,2-Dichloroethane	107-06-2	20	0.50	0.016	0.32	0.50	0.016	0.32
1,1-Dichloroethene	75-35-4	1	0.70	0.47	9.37	0.70	0.47	9.37
cis-1,2-dichloroethene	156-59-2	1	7.0	0.06	1.20	7.0	0.06	1.20
trans-1,2-dichloroethene	156-60-5	20	10.0	0.12	2.46	10.0	0.12	2.46
1,2-Dichloropropane	78-87-5	20	0.50	0.006	0.12	0.50	0.006	0.12
Ethylbenzene	100-41-4	20	70.0	0.78	15.7	70.0	0.78	15.7
Isopropylbenzene (cumene)	98-82-8	20	21.9	4.27	85.5	21.9	4.27	85.5
4-Methyl-2-pentanone	108-10-1	20	200	1.41	28.1	200	1.41	28.1
Methylene chloride	75-09-2	20	0.50	0.14	2.80	0.50	0.14	2.80
Styrene	100-42-5	20	14	6.76	135	14	6.76	135
1,1,1,2-Tetrachloroethane	630-20-6	20	7.0	0.097	1.94	7.0	0.097	1.94
1,1,2,2-Tetrachloroethane	79-34-5	20	0.13	0.0013	0.026	0.13	0.0013	0.026
Tetrachloroethylene	127-18-4	1	0.50	0.101	2.03	0.50	0.101	2.03
Toluene	108-88-3	1	100	4.77	95.4	100	4.77	95.4
1,2,4-Trichlorobenzene	120-82-1	1	10.8	0.20	4.08	10.8	0.20	4.08
1,1,1-Trichloroethane	71-55-6	20	20	12.6	253	20	12.6	253
1,1,2-Trichloroethane	79-00-5	20	0.50	0.002	0.032	0.50	0.002	0.032
Trichloroethylene	79-01-6	1	0.50	0.005	0.093	0.50	0.005	0.093
1,2,3-Trichloropropane	96-18-4	20	1.19	0.02	0.40	4.0	0.02	0.40
Vinyl Chloride	75-01-4	1	0.20	0.0013	0.026	0.20	0.0013	0.026
Xylenes	1330-20-7	20	1,000	9.85	197	1,000	9.85	197
Semivolatile Organic Compounds								
Acenaphthene	83-32-9	20	300	62.9	1,258	300	62.9	1,258
Acenaphthylene	208-96-8	20	130	DL	DL	130	100,000	100,000
Acetophenone	98-86-2	20	400	3.10	62.1	400	3.10	62.1
Anthracene	120-12-7	20	500	1,009	20,187	500	1,009	20,187
Benzo(a)anthracene	56-55-3	20	5.0	0.50	10.1	5.0	0.50	10.1
Benzo(a)pyrene	50-32-8	20	1.64	0.24	4.7	1.64	0.24	4.7
Benzo(b)fluoranthene	205-99-2	1	5.0	1.70	34.1	5.0	1.70	34.1
Benzo(g,h,i)perylene	191-24-2	20	500	DL	DL	500	100,000	100,000
Benzo(k)fluoranthene	207-08-9	20	5.0	2.48	49.6	5.0	2.48	49.6
bis(2-chloroisopropyl)ether	108-60-1	20	171	0.005	0.10	171	0.005	0.10
bis(2-ethylhexyl)phthalate	117-81-7	20	50	16.3	326	50	16.3	326
2-Chlorophenol	95-57-8	20	4.0	0.42	8.31	4.0	0.42	8.31
Chrysene	218-01-9	20	5.0	7.62	152	5.0	7.62	152
Dibenzo(a,h)anthracene	53-70-3	20	5.0	1.15	7.84	5.0	1.15	22.9
2,4-Dichlorophenol	120-83-2	20	2.0	0.36	7.26	2.0	0.36	7.26
Di-n-butylphthalate	84-74-2	20	400	25.7	514	400	25.7	514
2,4-Dimethylphenol	105-67-9	20	70	2.42	48.4	70	2.42	48.4
2,4-Dinitrophenol	51-28-5	20	7.0	0.23	4.59	7.0	0.23	4.59
Di-n-octylphthalate	117-84-0	20	70	20,440	20,440	70	100,000	100,000
Fluoranthene	206-44-0	20	500	454	9,084	500	454	9,084
Fluorene	86-73-7	20	360	75.7	1,514	360	75.7	1,514
Indeno(1,2,3-cd)pyrene	193-39-5	20	5.0	5.55	78.4	5.0	5.55	111
2-Methylphenol	95-48-7	20	3.80	2.11	42.1	3.80	2.11	42.1
4-Methylphenol	106-44-5	20	3.80	2.78	55.6	3.80	2.78	55.6
Naphthalene	91-20-3	1	100	0.085	1.71	100	0.085	1.71
N-Nitrosodiphenylamine	86-30-6	20	6.46	0.44	8.88	6.46	0.44	8.88
Pentachlorophenol	87-86-5	20	3.3	0.063	1.26	3.3	0.063	1.26
Phenanthrene	85-01-8	20	110	DL	DL	110	100,000	100,000
Phenol	108-95-2	20	400	2.30	46.0	400	2.30	46.0
Pyrene	129-00-0	20	500	334	6,677	500	334	6,677
2,4,5-Trichlorophenol	95-95-4	20	400	38.4	767	400	38.4	767
2,4,6-Trichlorophenol	88-06-2	20	3.0	0.23	4.56	3.0	0.23	4.56
Pesticides / Polychlorinated Biphenyls								
Aroclor 1016	12674-11-2	20	1.55	0.68	13.7	1.55	0.68	13.7
Aroclor 1260	11096-82-5	1	1.55	0.35	7.0	1.55	0.35	7.0
Aldrin	309-00-2	20	0.66	0.0063	0.13	0.66	0.0063	0.13
alpha-Endosulfan	95-99-98	20	10.0	0.027	0.55	10.0	0.027	0.55
alpha-BHC	319-84-6	20	0.66	0.00061	0.012	0.66	0.00061	0.012
beta-BHC	319-85-7	20	0.66	0.0021	0.042	0.66	0.0021	0.042
beta-Endosulfan	33213-65-9	20	10.0	0.027	0.55	10.0	0.027	0.55
Chlordane	12789-03-6	20	9.20	0.14	2.71	9.20	0.14	2.71
delta-BHC	319-86-8	20	25.0	DL	DL	25.0	100,000	100,000
DDD	72-54-8	20	0.66	0.64	12.9	0.66	0.64	12.9
DDE	72-55-9	20	0.66	0.46	9.15	0.66	0.46	9.15
DDT	50-29-3	20	0.66	0.66	13.1	0.66	0.66	13.1
Dieldrin	60-57-1	20	0.66	0.0017	0.033	0.66	0.0017	0.033
Endosulfan sulfate	1031-07-8	20	1.65	DL	DL	1.65	100,000	100,000
Endrin	72-20-8	20	10.0	1.24	24.8	10.0	1.24	24.8
Endrin aldehyde	7421-93-4	20	10.0	DL	DL	10.0	100,000	100,000
Endrin ketone	53494-70-5	20	10.0	DL	DL	10.0	100,000	100,000
Heptachlor epoxide	1024-57-3	20	1.65	0.0041	0.082	1.65	0.0041	0.082
Lindane	58-89-9	20	0.66	0.0035	0.071	0.66	0.0035	0.071
Methoxychlor	72-43-5	20	10.0	27.6	552	10.0	27.6	552

Notes:
mg/kg = Milligrams per kilogram
DAF = Dilution attenuation factor used in the leachate model to derive Type 4 RRS. A DAF value of 1 is used if the maximum concentration detected in groundwater exceeds the applicable standard; otherwise the default value of 20 is used. See Table 3 for DAF selection for each constituent.
SS = Surface soils, located from 0-2' below ground surface
SB = Sub-surface soils, located >2' below ground surface
Green shaded cells indicate that Type 3 RRS is greater than all Type 4 RRS values for the applicable soil depth and should be used for that constituent.
Orange shaded cells indicate that the Type 4 RRS for the appropriate DAF is greater than Type 3 RRS and should be used for that constituent.

Table 5
Summary of Type 3 and Type 4 RRS for Groundwater
Former Oxford Chemicals Property, Chamblee, Georgia

Constituent		Type 3 RRS (mg/L)	Type 4 RRS (mg/L)	RSS to Use
Volatile Organic Compounds				
Acetone	67-64-1	4.0	68.7	Type 4
Benzene	71-43-2	0.005	0.02	Type 4
Bromoform	75-25-2	0.10	0.14	Type 4
2-Butanone	78-93-3	2.0	25.6	Type 4
Carbon Disulfide	75-15-0	4.0	3.83	Type 3
Chlorobenzene	108-90-7	0.10	0.361	Type 4
Chloroethane	75-00-3	DL	87.6	Type 4
Cyclohexane	110-82-7	DL	52.6	Type 4
1,2-Dibromo-3-Chloropropane	96-12-8	0.0002	4.04E-05	Type 3
1,2-Dichlorobenzene	95-50-1	0.60	1.47	Type 4
1,3-Dichlorobenzene	541-73-1	0.60	DL	Type 3
1,4-Dichlorobenzene	106-46-7	0.075	0.021	Type 3
Dichlorodifluoromethane	75-71-8	1.0	0.84	Type 3
1,1-Dichloroethane	75-34-3	4.0	1.17	Type 3
1,2-Dichloroethane	107-06-2	0.005	0.056	Type 4
1,1-Dichloroethene	75-35-4	0.007	1.3	Type 4
cis-1,2-dichloroethene	156-59-2	0.07	0.20	Type 4
trans-1,2-dichloroethene	156-60-5	0.10	0.42	Type 4
1,2-Dichloropropane	78-87-5	0.005	0.019	Type 4
Ethylbenzene	100-41-4	0.70	0.071	Type 3
Isopropylbenzene (cumene)	98-82-8	DL	2.61	Type 4
4-Methyl-2-pentanone	108-10-1	2.0	6.24	Type 4
Methylene chloride	75-09-2	0.005	0.55	Type 4
Styrene	100-42-5	0.10	6.13	Type 4
1,1,1,2-Tetrachloroethane	630-20-6	0.07	0.25	Type 4
1,1,2,2-Tetrachloroethane	79-34-5	0.0002	0.0033	Type 4
Tetrachloroethylene	127-18-4	0.005	0.22	Type 4
Toluene	108-88-3	1.0	6.89	Type 4
1,2,4-Trichlorobenzene	120-82-1	0.07	0.017	Type 3
1,1,1-Trichloroethane	71-55-6	0.20	36.1	Type 4
1,1,2-Trichloroethane	79-00-5	0.005	0.00	Type 3
Trichloroethylene	79-01-6	0.005	0.013	Type 4
1,2,3-Trichloropropane	96-18-4	0.04	9.54E-05	Type 3
Vinyl Chloride	75-01-4	0.002	0.0037	Type 4
Xylenes	1330-20-7	10.0	0.84	Type 3
Semivolatile Organic Compounds				
Acenaphthene	83-32-9	2.0	6.13	Type 4
Acenaphthylene	208-96-8	DL	DL	DL
Acetophenone	98-86-2	4.0	10.2	Type 4
Anthracene	120-12-7	DL	30.7	Type 4
Benzo(a)anthracene	56-55-3	0.0001	0.0014	Type 4
Benzo(a)pyrene	50-32-8	0.0002	0.00014	Type 3
Benzo(b)fluoranthene	205-99-2	0.0002	0.0014	Type 4
Benzo(g,h,i)perylene	191-24-2	DL	DL	DL
Benzo(k)fluoranthene	207-08-9	DL	0.0021	Type 4
bis(2-chloroisopropyl)ether	108-60-1	DL	0.015	Type 4
bis(2-ethylhexyl)phthalate	117-81-7	0.006	0.068	Type 4
2-Chlorophenol	95-57-8	0.04	0.51	Type 4
Chrysene	218-01-9	0.0002	0.021	Type 4
Dibenzo(a,h)anthracene	53-70-3	0.0003	0.00013	Type 3
2,4-Dichlorophenol	120-83-2	0.02	0.31	Type 4
Di-n-butylphthalate	84-74-2	4.0	10.2	Type 4
2,4-Dimethylphenol	105-67-9	0.70	2.04	Type 4
2,4-Dinitrophenol	51-28-5	0.07	0.20	Type 4
Di-n-octylphthalate	117-84-0	0.70	1.022	Type 4
Fluoranthene	206-44-0	1.0	4.09	Type 4
Fluorene	86-73-7	1.0	4.09	Type 4
Indeno(1,2,3-cd)pyrene	193-39-5	0.0004	0.0014	Type 4
2-Methylphenol	95-48-7	DL	2.59	Type 4
4-Methylphenol	106-44-5	DL	3.47	Type 4
Naphthalene	91-20-3	0.02	0.026	Type 4
N-Nitrosodiphenylamine	86-30-6	DL	0.081	Type 4
Pentachlorophenol	87-86-5	0.001	0.0062	Type 4
Phenanthrene	85-01-8	DL	DL	DL
Phenol	108-95-2	4.0	1.66	Type 3
Pyrene	129-00-0	1.0	3.07	Type 4
2,4,5-Trichlorophenol	95-95-4	4.0	10.2	Type 4
2,4,6-Trichlorophenol	88-06-2	0.03	0.061	Type 4
Pesticides / Polychlorinated Biphenyls				
Aroclor 1016	12674-11-2	0.0005	0.0072	Type 4
Aroclor 1260	11096-82-5	0.0005	0.00033	Type 3
Aldrin	309-00-2	2.00E-05	3.86E-05	Type 4
alpha-Endosulfan	95-99-98	0.002	DL	Type 3
alpha-BHC	319-84-6	6.00E-06	0.0001	Type 4
beta-BHC	319-85-7	2.00E-05	0.0004	Type 4
beta-Endosulfan	33213-65-9	0.002	DL	Type 3
Chlordane	12789-03-6	0.002	0.0019	Type 3
delta-BHC	319-86-8	DL	DL	DL
DDD	72-54-8	0.0001	0.0027	Type 4
DDE	72-55-9	0.0001	0.0019	Type 4
DDT	50-29-3	0.0001	0.0019	Type 4
Dieldrin	60-57-1	2.00E-05	4.11E-05	Type 4
Endosulfan sulfate	1031-07-8	DL	DL	DL
Endrin	72-20-8	0.002	0.031	Type 4
Endrin aldehyde	7421-93-4	DL	DL	DL
Endrin ketone	53494-70-5	DL	DL	DL
Heptachlor epoxide	1024-57-3	0.0002	7.26E-05	Type 3
Lindane	58-89-9	0.0002	0.0006	Type 4
Methoxychlor	72-43-5	0.04	0.51	Type 4

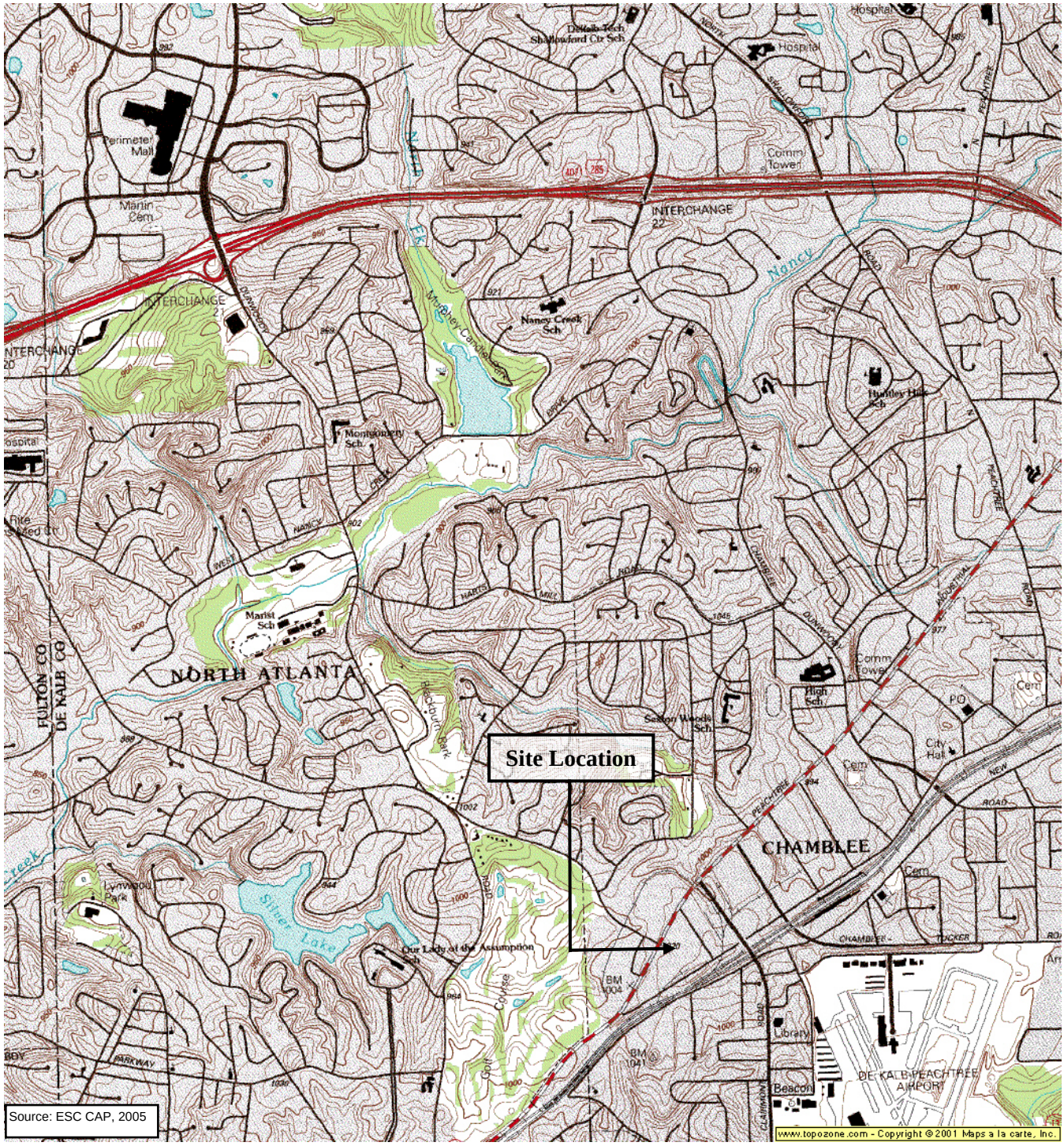
Notes:
mg/L = Milligrams per liter
NA = Not available
DL = Analytical detection limit
Blue shaded cells represent the higher of Type 3 or Type 4 RRS for groundwater.

Table 5
Delineation Standards for Groundwater and Soil
Former Oxford Chemicals Property, Chamblee, Georgia

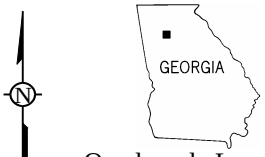
Constituent		Type 1 GW RRS (mg/L)	Type 1 Soil RRS (mg/kg)
Volatile Organic Compounds			
Acetone	67-64-1	4.00E+00	4.00E+02
Benzene	71-43-2	5.00E-03	5.00E-01
Bromoform	75-25-2	1.00E-01	1.00E+01
2-Butanone	78-93-3	2.00E+00	2.00E+02
Carbon Disulfide	75-15-0	4.00E+00	4.00E+02
Chlorobenzene	108-90-7	1.00E-01	1.00E+01
Chloroethane	75-00-3	DL	1.70E-01
Cyclohexane	110-82-7	DL	2.00E+01
1,2-Dibromo-3-Chloropropane	96-12-8	2.00E-04	2.00E-02
1,2-Dichlorobenzene	95-50-1	6.00E-01	6.00E+01
1,3-Dichlorobenzene	541-73-1	6.00E-01	6.00E+01
1,4-Dichlorobenzene	106-46-7	7.50E-02	7.50E+00
Dichlorodifluoromethane	75-71-8	1.00E+00	2.33E+01
1,1-Dichloroethane	75-34-3	4.00E+00	4.00E+02
1,2-Dichloroethane	107-06-2	5.00E-03	5.00E-01
1,1-Dichloroethene	75-35-4	7.00E-03	7.00E-01
cis-1,2-dichloroethene	156-59-2	7.00E-02	7.00E+00
trans-1,2-dichloroethene	156-60-5	1.00E-01	1.00E+01
1,2-Dichloropropane	78-87-5	5.00E-03	5.00E-01
Ethylbenzene	100-41-4	7.00E-01	7.00E+01
Isopropylbenzene (cumene)	98-82-8	DL	2.19E+01
4-Methyl-2-pentanone	108-10-1	2.00E+00	2.00E+02
Methylene chloride	75-09-2	5.00E-03	5.00E-01
Styrene	100-42-5	1.00E-01	1.40E+01
1,1,1,2-Tetrachloroethane	630-20-6	7.00E-02	7.00E+00
1,1,2,2-Tetrachloroethane	79-34-5	2.00E-04	1.30E-01
Tetrachloroethylene	127-18-4	5.00E-03	5.00E-01
Toluene	108-88-3	1.00E+00	1.00E+02
1,2,4-Trichlorobenzene	120-82-1	7.00E-02	1.08E+01
1,1,1-Trichloroethane	71-55-6	2.00E-01	2.00E+01
1,1,2-Trichloroethane	79-00-5	5.00E-03	5.00E-01
Trichloroethylene	79-01-6	5.00E-03	5.00E-01
1,2,3-Trichloropropane	96-18-4	4.00E-02	4.98E-01
Vinyl Chloride	75-01-4	2.00E-03	2.00E-01
Xylenes	1330-20-7	1.00E+01	1.00E+03
Semivolatile Organic Compounds			
Acenaphthene	83-32-9	2.00E+00	3.00E+02
Acenaphthylene	208-96-8	DL	1.30E+02
Acetophenone	98-86-2	4.00E+00	4.00E+02
Anthracene	120-12-7	DL	5.00E+02
Benzo(a)anthracene	56-55-3	1.00E-04	5.00E+00
Benzo(a)pyrene	50-32-8	2.00E-04	1.64E+00
Benzo(b)fluoranthene	205-99-2	2.00E-04	5.00E+00
Benzo(g,h,i)perylene	191-24-2	DL	5.00E+02
Benzo(k)fluoranthene	207-08-9	DL	5.00E+00
bis(2-chloroisopropyl)ether	108-60-1	DL	1.71E+02
bis(2-ethylhexyl)phthalate	117-81-7	6.00E-03	5.00E+01
2-Chlorophenol	95-57-8	4.00E-02	4.00E+00
Chrysene	218-01-9	2.00E-04	5.00E+00
Dibenzo(a,h)anthracene	53-70-3	3.00E-04	2.05E+00
2,4-Dichlorophenol	120-83-2	2.00E-02	2.00E+00
Di-n-butylphthalate	84-74-2	4.00E+00	4.00E+02
2,4-Dimethylphenol	105-67-9	7.00E-01	7.00E+01
2,4-Dinitrophenol	51-28-5	7.00E-02	7.00E+00
Di-n-octylphthalate	117-84-0	7.00E-01	7.00E+01
Fluoranthene	206-44-0	1.00E+00	5.00E+02
Fluorene	86-73-7	1.00E+00	3.60E+02
Indeno(1,2,3-cd)pyrene	193-39-5	4.00E-04	5.00E+00
2-Methylphenol	95-48-7	DL	3.80E+00
4-Methylphenol	106-44-5	DL	3.80E+00
Naphthalene	91-20-3	2.00E-02	1.00E+02
N-Nitrosodiphenylamine	86-30-6	DL	6.46E+00
Pentachlorophenol	87-86-5	1.00E-03	3.30E+00
Phenanthrene	85-01-8	DL	1.10E+02
Phenol	108-95-2	4.00E+00	4.00E+02
Pyrene	129-00-0	1.00E+00	5.00E+02
2,4,5-Trichlorophenol	95-95-4	4.00E+00	4.00E+02
2,4,6-Trichlorophenol	88-06-2	3.00E-02	3.00E+00
Pesticides / Polychlorinated Biphenyls			
Aroclor 1016	12674-11-2	5.00E-04	1.55E+00
Aroclor 1260	11096-82-5	5.00E-04	1.55E+00
Aldrin	309-00-2	2.00E-05	6.60E-01
alpha-Endosulfan	95-99-98	2.00E-03	1.00E+01
alpha-BHC	319-84-6	6.00E-06	6.60E-01
beta-BHC	319-85-7	2.00E-05	6.60E-01
beta-Endosulfan	33213-65-9	2.00E-03	1.00E+01
Chlordane	12789-03-6	2.00E-03	9.20E+00
delta-BHC	319-86-8	DL	2.50E+01
DDD	72-54-8	1.00E-04	6.60E-01
DDE	72-55-9	1.00E-04	6.60E-01
DDT	50-29-3	1.00E-04	6.60E-01
Dieldrin	60-57-1	2.00E-05	6.60E-01
Endosulfan sulfate	1031-07-8	DL	1.65E+00
Endrin	72-20-8	2.00E-03	1.00E+01
Endrin aldehyde	7421-93-4	DL	1.00E+01
Endrin ketone	53494-70-5	DL	1.00E+01
Heptachlor epoxide	1024-57-3	2.00E-04	1.64E+00
Lindane	58-89-9	2.00E-04	6.60E-01
Methoxychlor	72-43-5	4.00E-02	1.00E+01

Notes:
NA = No value available
DL = Analytical detection limit
mg/L = Milligrams per liter
mg/kg = Milligrams per kilogram
Reference: Georgia EPD, Risk Reduction Standards, 391-3-19-.07.
Available online at: http://www.gaepd.org/Documents/hsraguideCSRRRS.html.

FIGURES



Reference
7.5 Minute Series Topographic Quadrangle
Chamblee, Georgia
Photorevised 1993 Scale 1:25,000 Metric



Quadrangle Location

0 500 1000

0 1000 2000

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Figure 1
Site Location
Former Oxford Chemical Property
5001 Peachtree Industrial Boulevard
Chamblee, Georgia

Drawn By: GHA	Date:7/6/11
Checked by: LJD	Project No. 10085

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FIGURE 2
TAX PARCELS MAP

FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GA

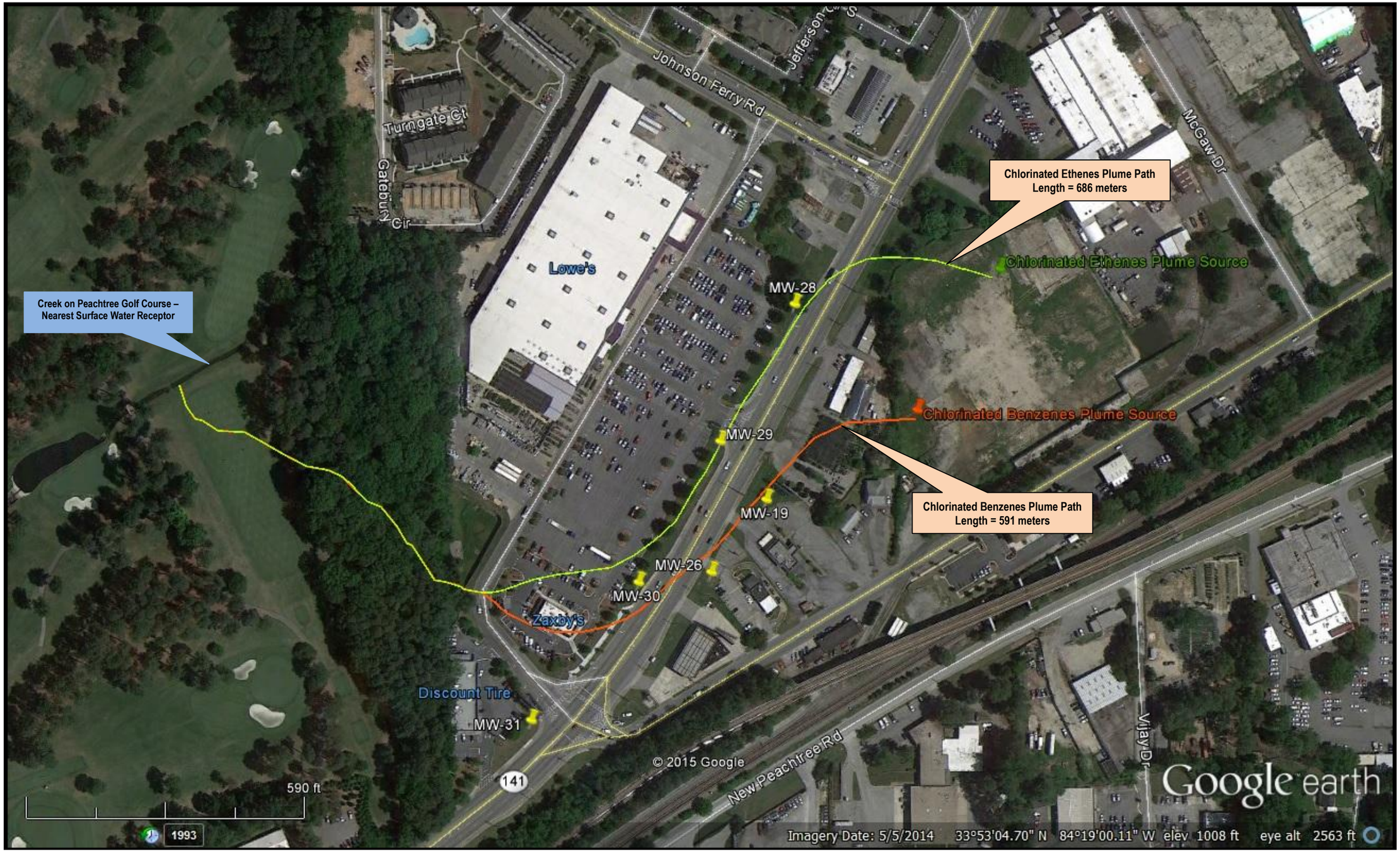

Image courtesy of Google earth

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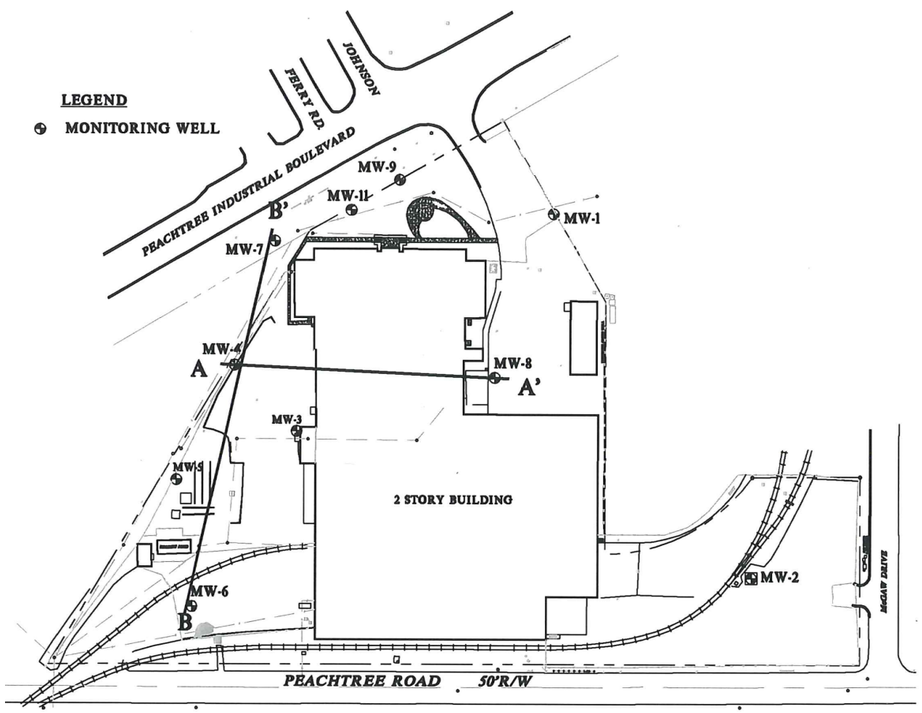
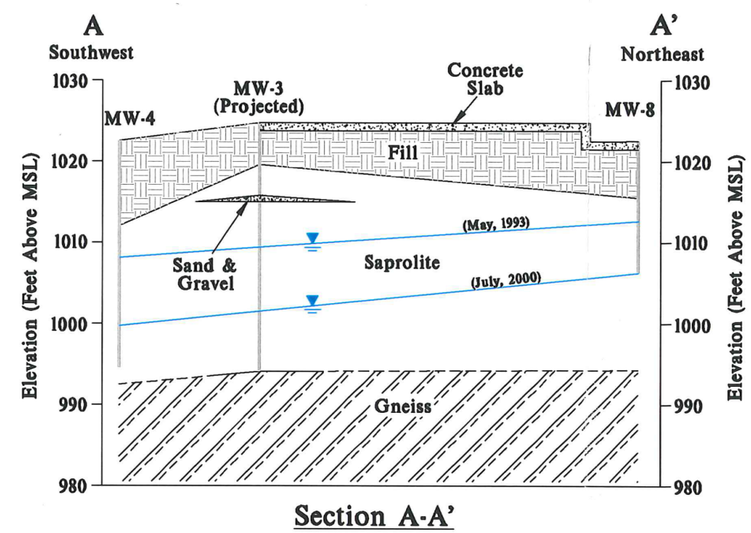
N
W E
S

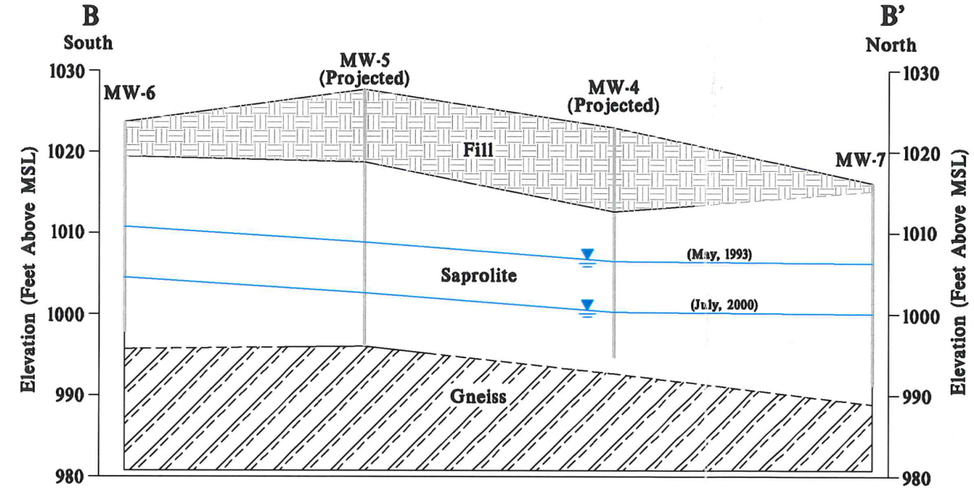
Figure 3
Site Groundwater Plume Flow Paths
Former Oxford Chemical VRP Site
5001 Peachtree Boulevard, Chamblee, Georgia



Cross-Section Location Map



Section A-A'



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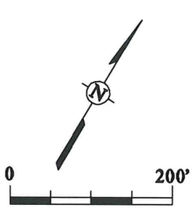
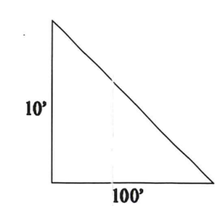
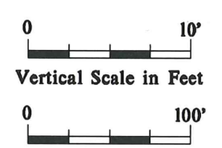




2X Vertical Exaggeration



Source: ESC, 2003, Figure 4.

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GEOLOGIC CROSS-SECTIONS
ESC, 2003

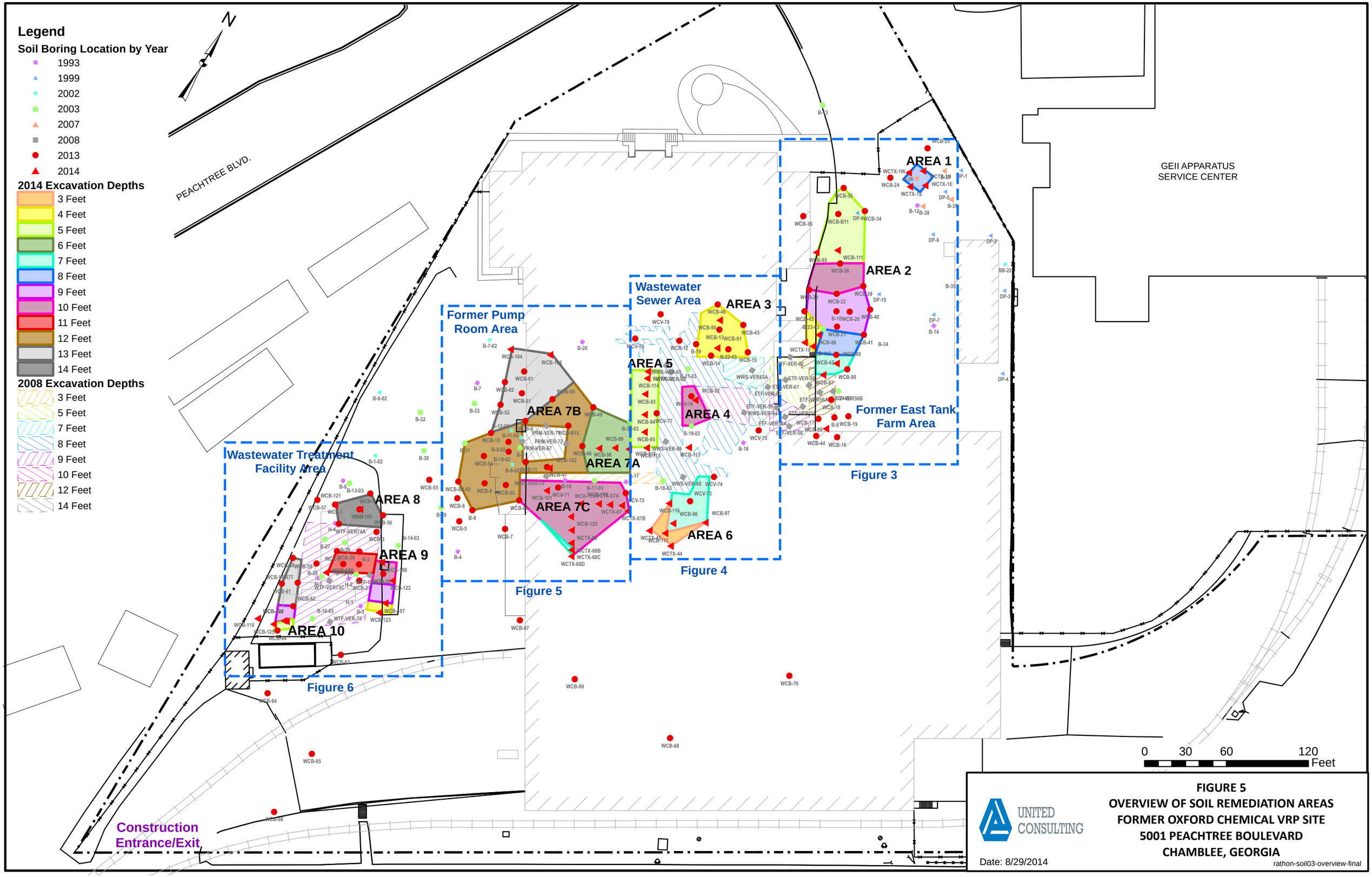
DESIGNED BY: BRM
DRAWN BY: XXX
CHECKED BY: XXX
10 - CROSS-SEC.DWG

RATHON CORPORATION

FORMER OXFORD CHEMICAL PROPERTY
5001 PEACHTREE BLVD.
CHAMBLEE, GEORGIA

JOB NO: 226278
DATE: 3/26/2013
SCALE: AS SHOWN

FIGURE 4


Legend
Soil Boring Location by Year
1993
1999
2002
2003
2007
2008
2013
2014
2014 Excavation Depths
3 Feet
4 Feet
5 Feet
6 Feet
7 Feet
8 Feet
9 Feet
10 Feet
11 Feet
12 Feet
13 Feet
14 Feet
2008 Excavation Depths
3 Feet
5 Feet
7 Feet
8 Feet
9 Feet
10 Feet
12 Feet
14 Feet
N
PEACHTREE BLVD.
GEII APPARATUS SERVICE CENTER
AREA 1
AREA 2
AREA 3
AREA 4
AREA 5
AREA 6
AREA 7A
AREA 7B
AREA 7C
AREA 8
AREA 9
AREA 10
Former Pump Room Area
Wastewater Sewer Area
Former East Tank Farm Area
Wastewater Treatment Facility Area
Figure 3
Figure 4
Figure 5
Figure 6
Construction Entrance/Exit
0 30 60 120
Feet
UNITED CONSULTING
Date: 8/29/2014
FIGURE 5
OVERVIEW OF SOIL REMEDIATION AREAS
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA
rathon-soil03-overview-final

LEGEND

BH22	GE WELL
MW-1	RATHON WELL/PIEZOMETER
EW-B6	DUAL PHASE EXTRACTION WELL
(000)	GROUNDWATER ELEVATION
- - - - - - - -	GROUNDWATER ELEVATION COUNTOUR JUNE 2015

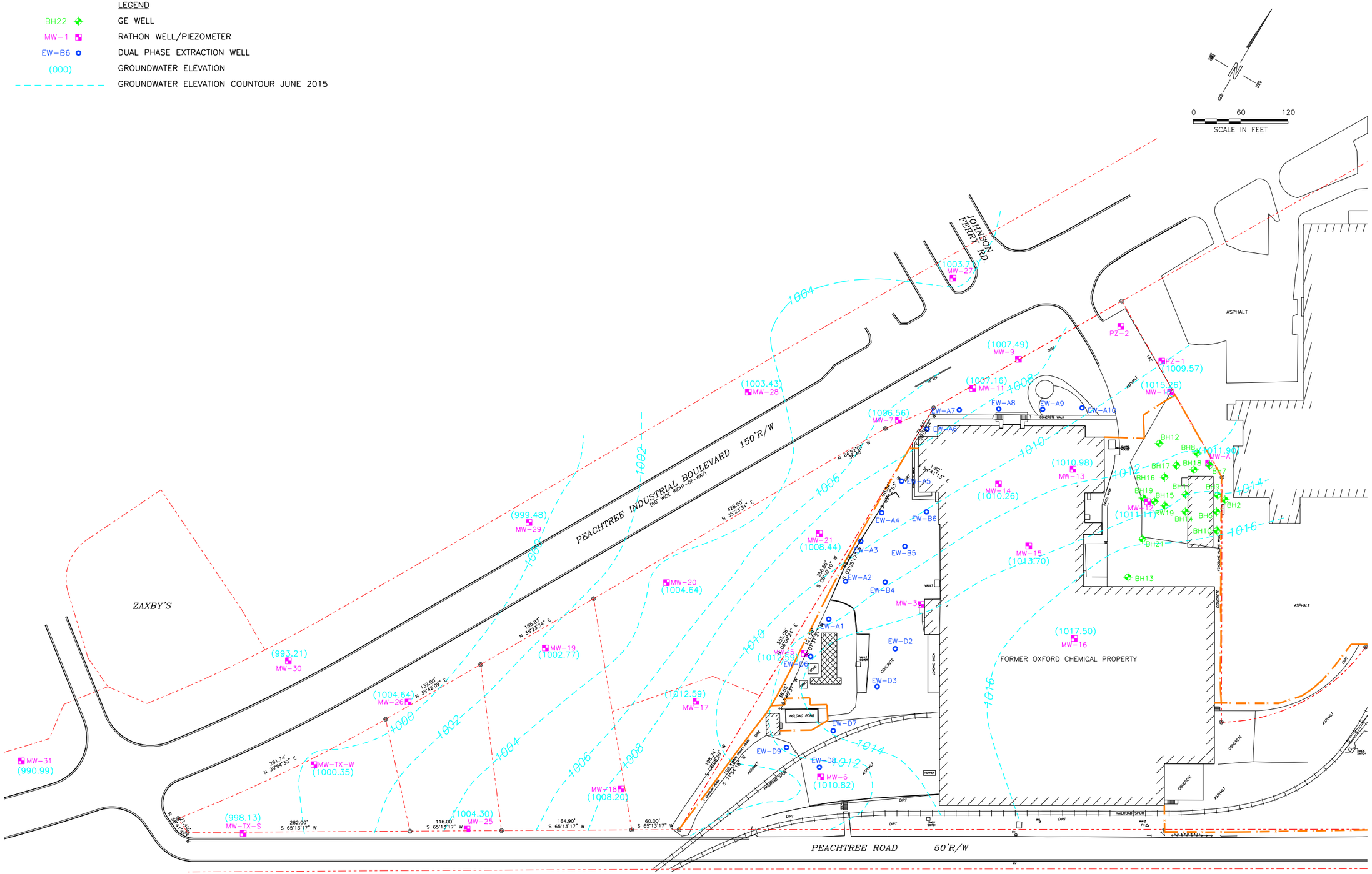


FIG. 6

TITLE: JUNE 2015 GROUNDWATER POTENTIOMETRIC MAP
FORMER OXFORD CHEMICAL PROPERTY
5001 PEACHTREE INDUSTRIAL BLVD, CHAMBLEE, DEKALB CO., GA

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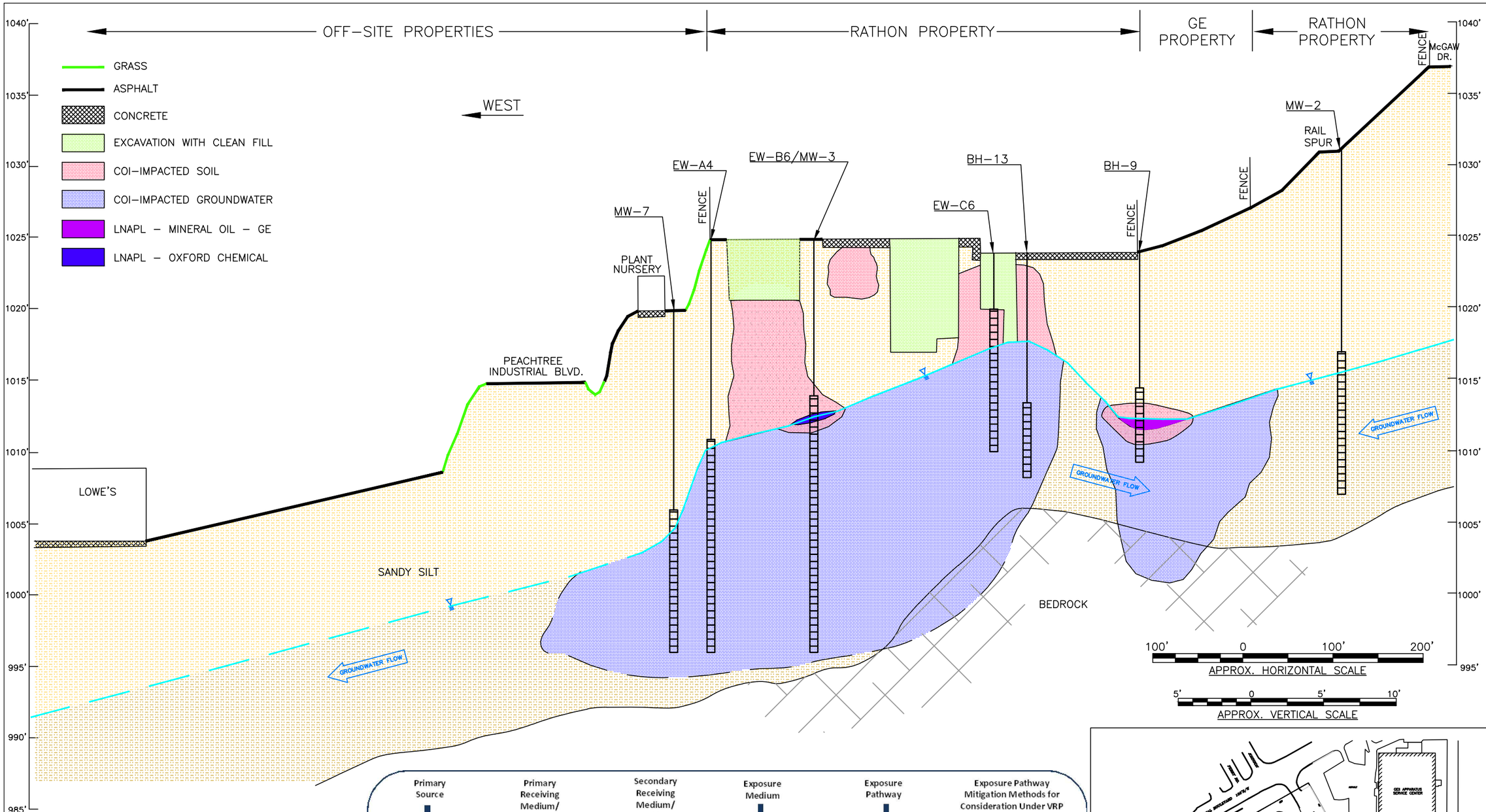
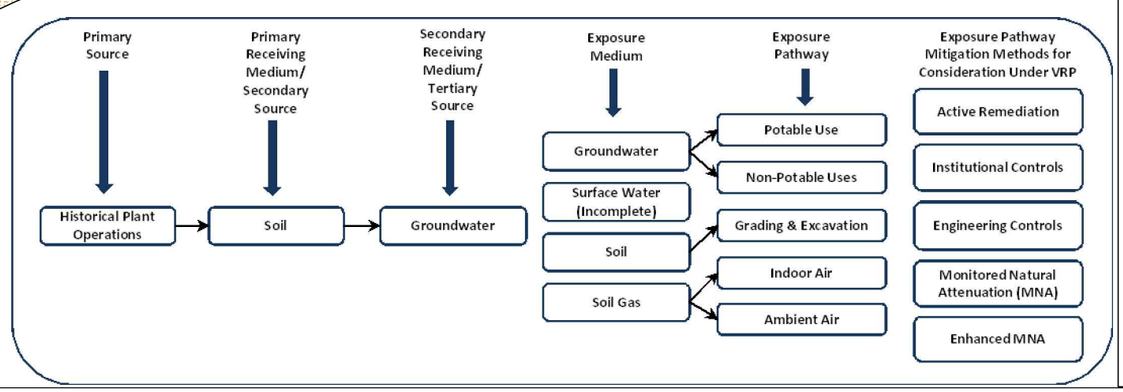
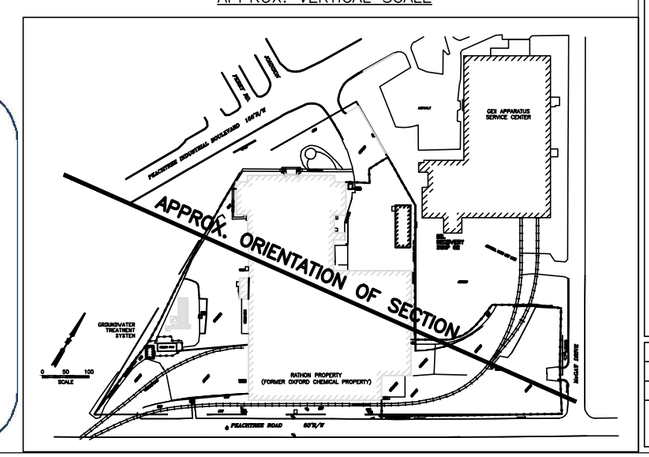
SCALE: 1" = 120'	DATE: 8-17-15	PROJECT NO: 2015.0023.08	REVISIONS:
PREPARED: VPV	CHECKED:		

CLIENT: RATHON CORP./TYSON FOODS







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VIRP CONCEPTUAL SITE MODEL

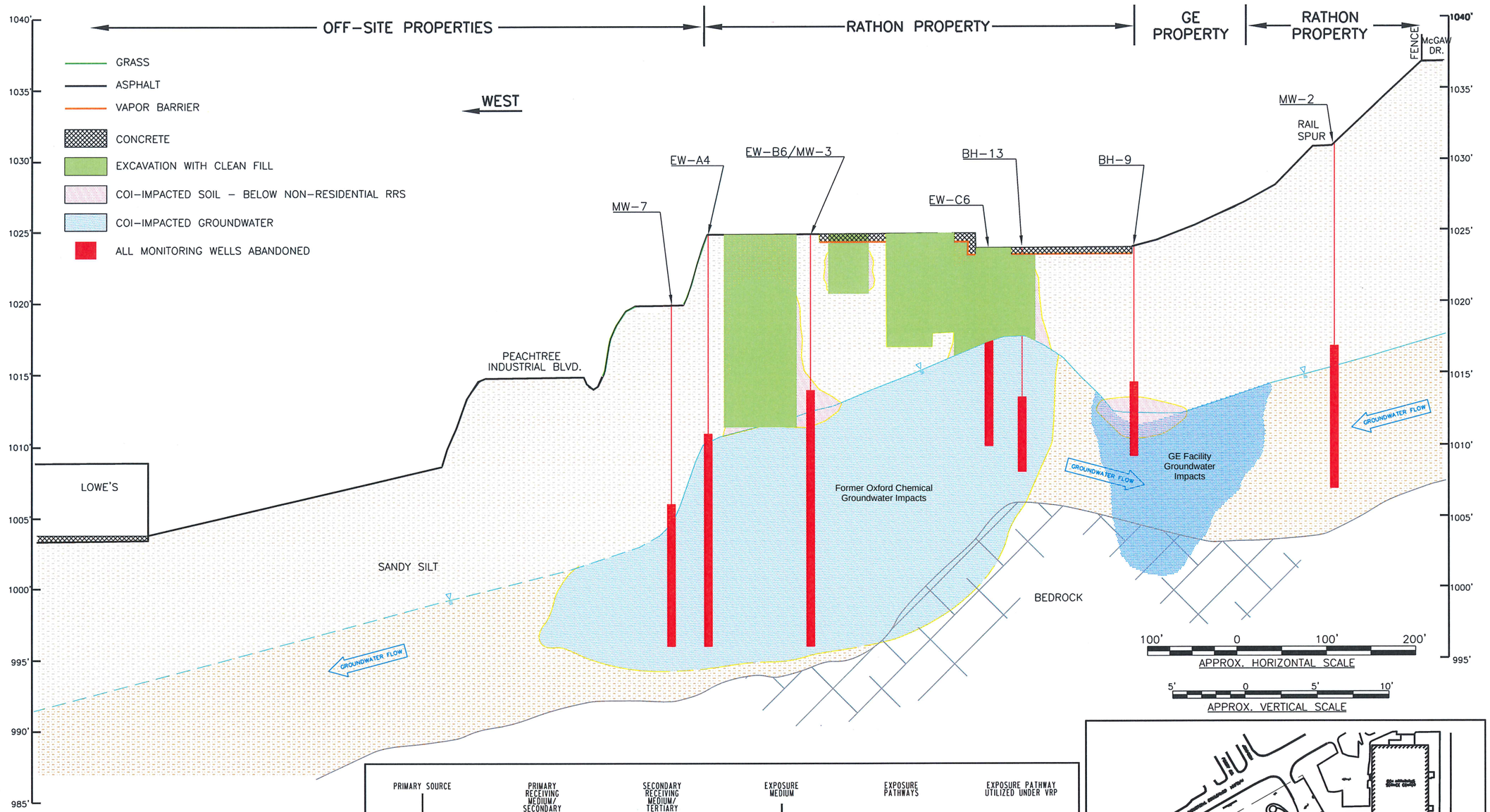
DESIGNED BY: BRM
DRAWN BY: XXX
CHECKED BY: XXX
CSM.DWG

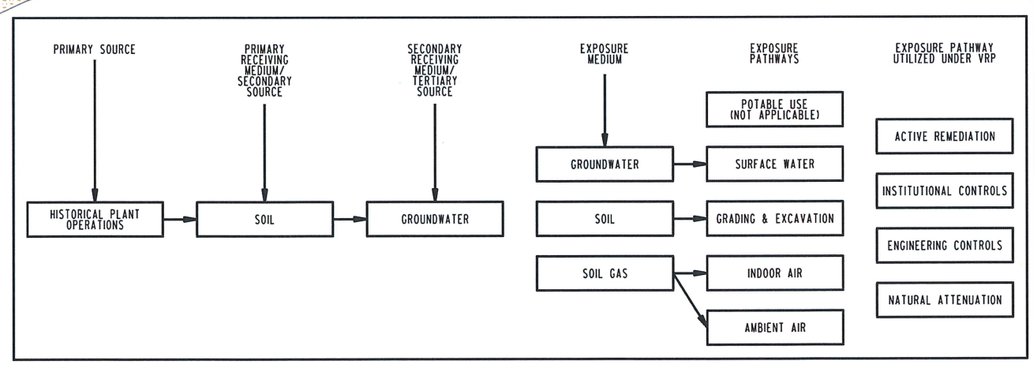
RATHON CORPORATION

FORMER OXFORD CHEMICAL PROPERTY
5001 PEACHTREE BLVD.
CHAMBLEE, GEORGIA

JOB NO: 226278
DATE: 3/26/2013
SCALE: AS SHOWN

FIGURE 7





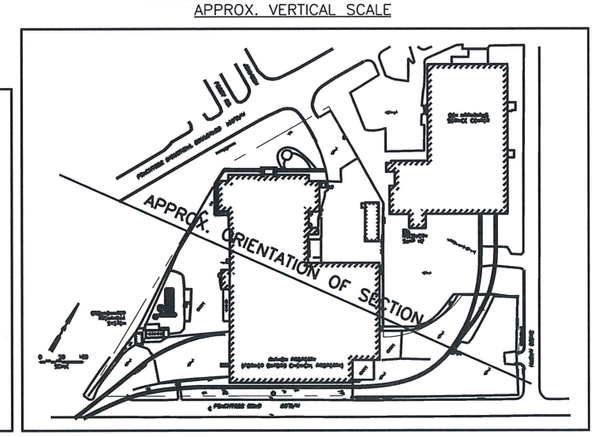


FIG. 8

TITLE: CONCEPTUAL SITE MODEL
FORMER OXFORD CHEMICAL PROPERTY
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA

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PROJECT NO: 2015.0023.13

REVISIONS:

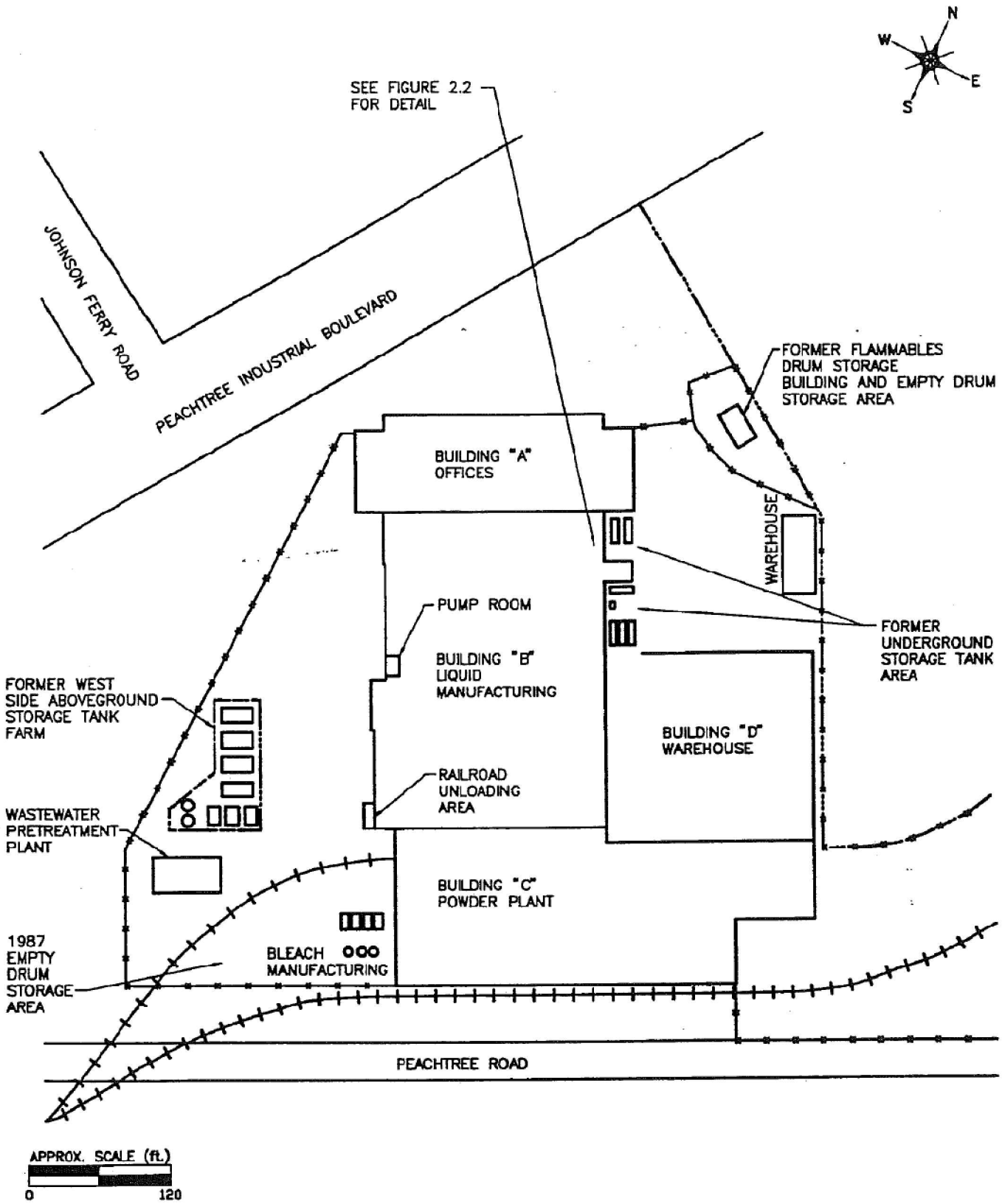
SCALE: AS SHOWN

DATE: 9-13-16

PREPARED: VPV

CHECKED:

CLIENT: RATHON CORPORATION



SOURCE: ERM, 8/93, FIGURE 2.1.

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JOB NO: 226278
DATE: 3/26/2013
SCALE: AS SHOWN

FIGURE 9

REFERENCES:

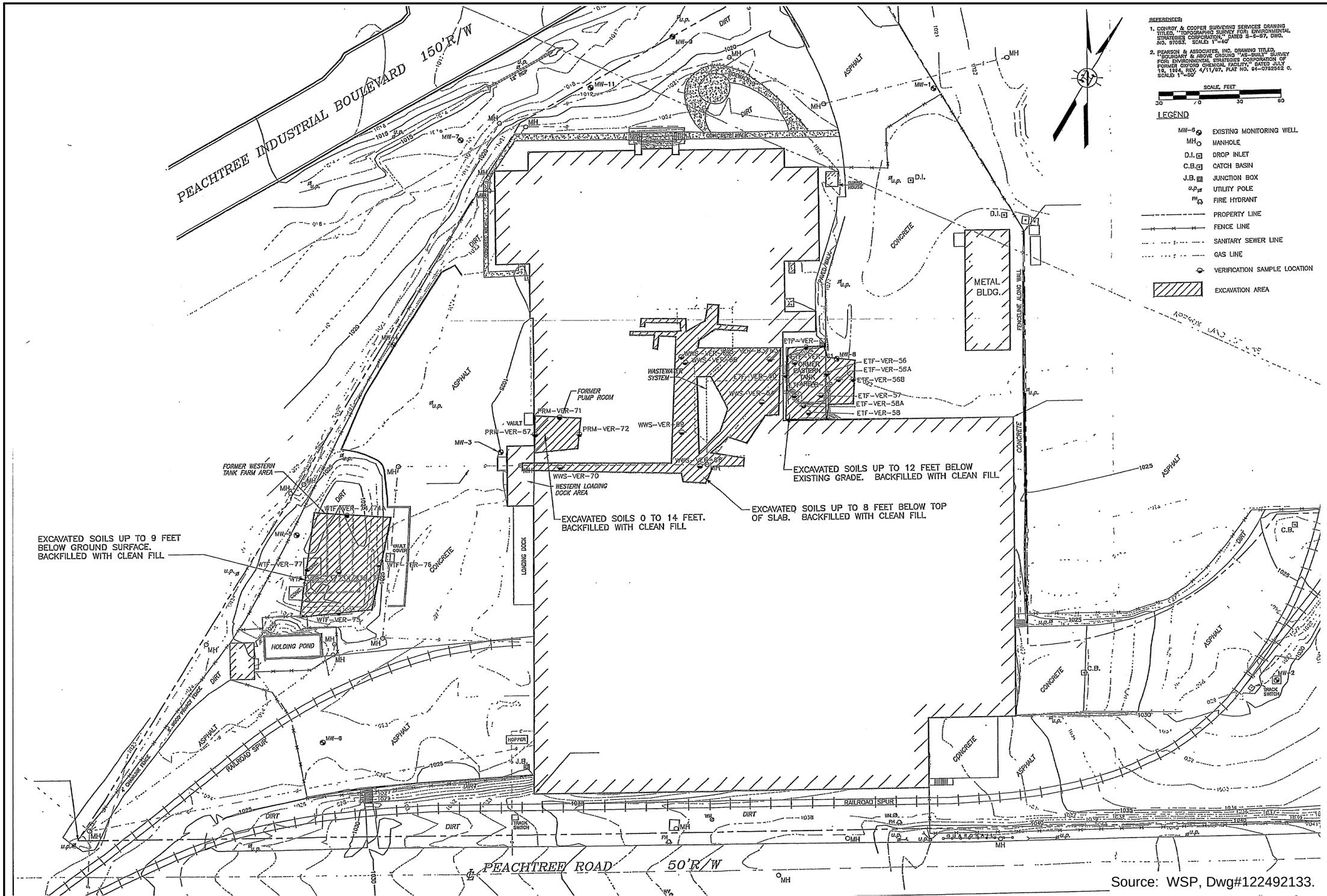
1. CONROY & COOPER SURVEYING SERVICES DRAWING TITLED, "TOPOGRAPHIC SURVEY FOR: ENVIRONMENTAL STRATEGIES CORPORATION," DATED 5-6-97, DWG. NO. 97063, SCALED 1"=40'
2. PEARSON & ASSOCIATES, INC. DRAWING TITLED, "BOUNDARY & ABOVE GROUND "AS-BUILT" SURVEY FOR: ENVIRONMENTAL STRATEGIES CORPORATION OF FORMER OXFORD CHEMICAL FACILITY," DATED JULY 19, 1994, REV. 4/11/97, PLAT NO. 94-0752562 C, SCALED 1"=50'

SCALE, FEET

30 0 30 60

LEGEND

- MW-6 EXISTING MONITORING WELL
- MH MANHOLE
- D.I. DROP INLET
- C.B. CATCH BASIN
- J.B. JUNCTION BOX
- u.p. UTILITY POLE
- FH FIRE HYDRANT
- PROPERTY LINE
- FENCE LINE
- SANITARY SEWER LINE
- GAS LINE
- VERIFICATION SAMPLE LOCATION
- EXCAVATION AREA



Source: WSP, Dwg#122492133.

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2008 SOIL REMEDIATION VERIFICATION SAMPLE LOCATIONS

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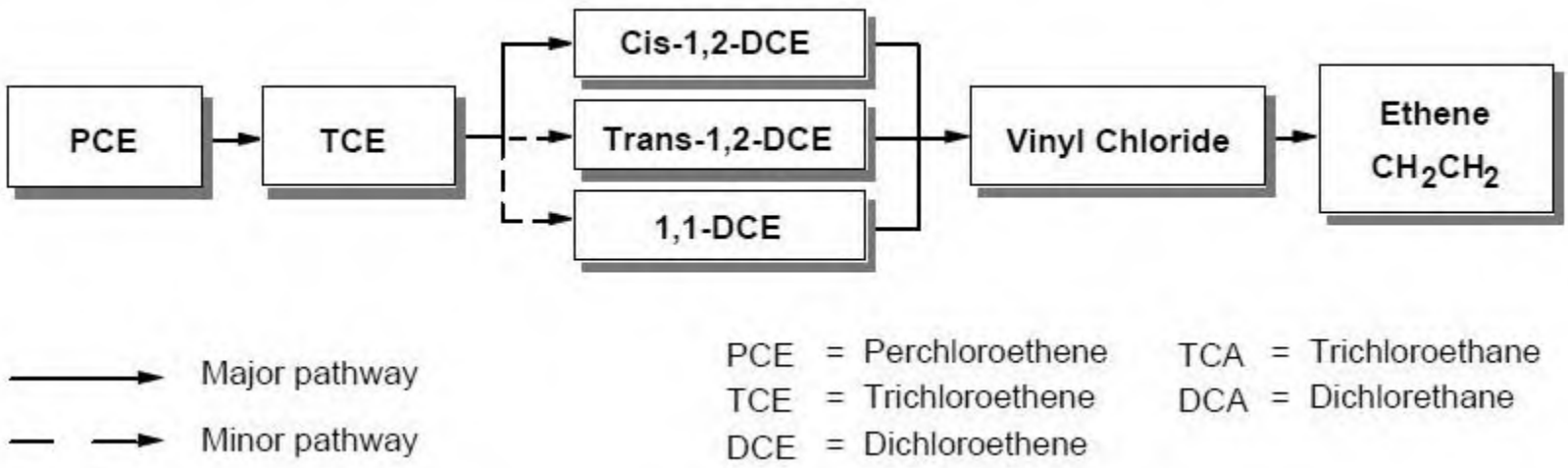
DRAWN BY: XXX
CHECKED BY: XXX
8 – 2008 SAMPLE LOCS.DWG

RATHON CORPORATION

FORMER OXFORD CHEMICAL PROPERTY
5001 PEACHTREE BLVD.
CHAMBLEE, GEORGIA

JOB NO: 226278
DATE: 3/26/2013
SCALE: AS SHOWN

FIGURE 10



*Source: REMChlor User Manual

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Figure 11a
Chlorinated Ethenes Decay Pathway
Former Oxford Chemical VRP Site

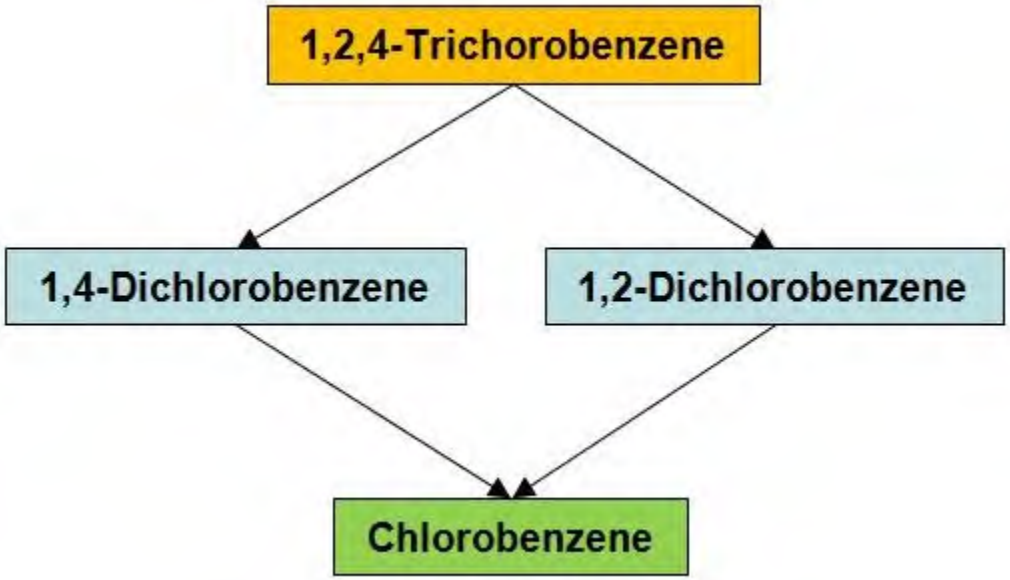

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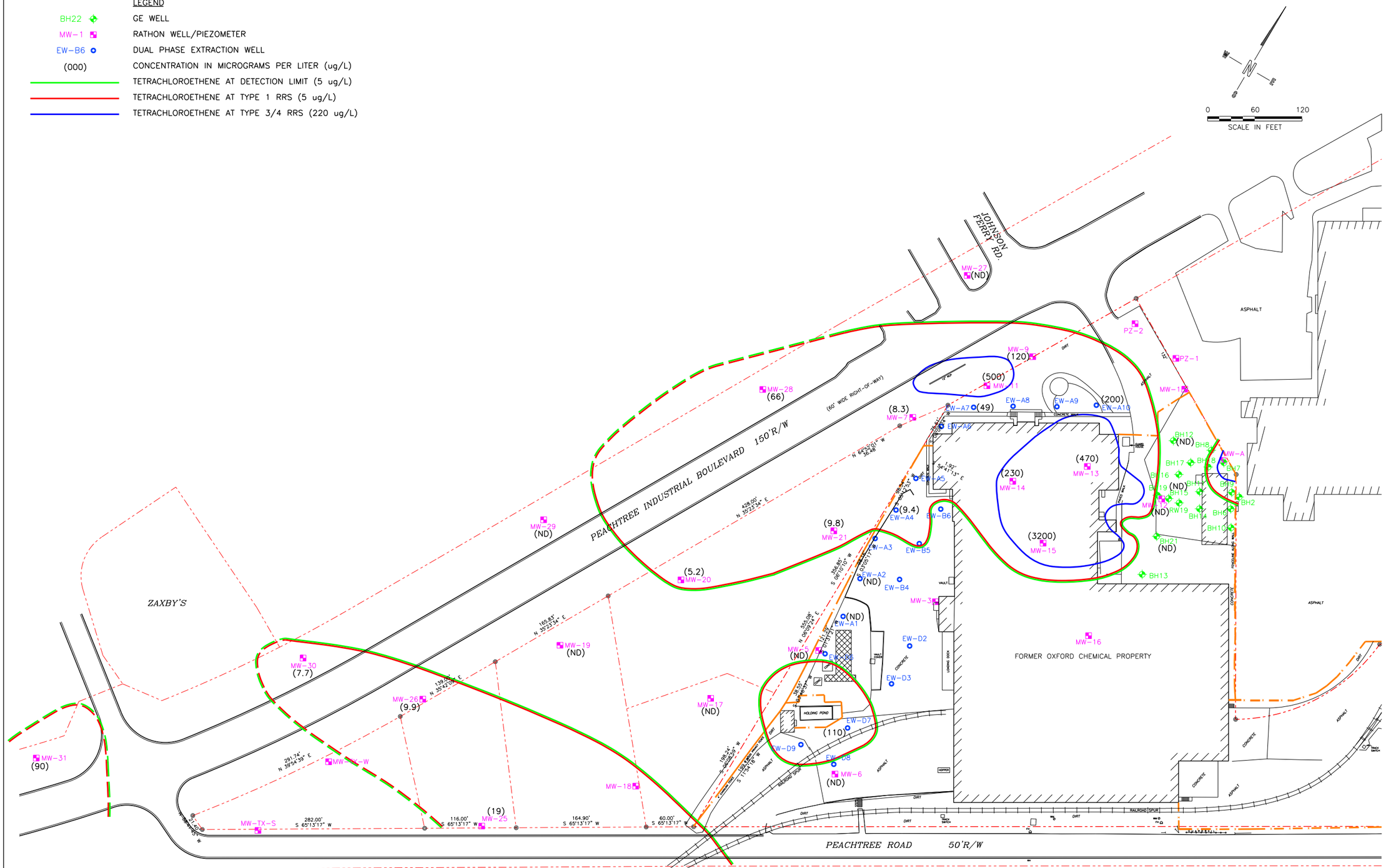
Figure 11b
Chlorinated Benzenes Decay Pathway
Former Oxford Chemical VRP Site

LEGEND

BH22	GE WELL
MW-1	RATHON WELL/PIEZOMETER
EW-B6	DUAL PHASE EXTRACTION WELL
(000)	CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
	TETRACHLOROETHENE AT DETECTION LIMIT (5 ug/L)
	TETRACHLOROETHENE AT TYPE 1 RRS (5 ug/L)
	TETRACHLOROETHENE AT TYPE 3/4 RRS (220 ug/L)



TITLE: TETRACHLOROETHENE CONCENTRATIONS IN GROUNDWATER - 2015
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FIG. 12

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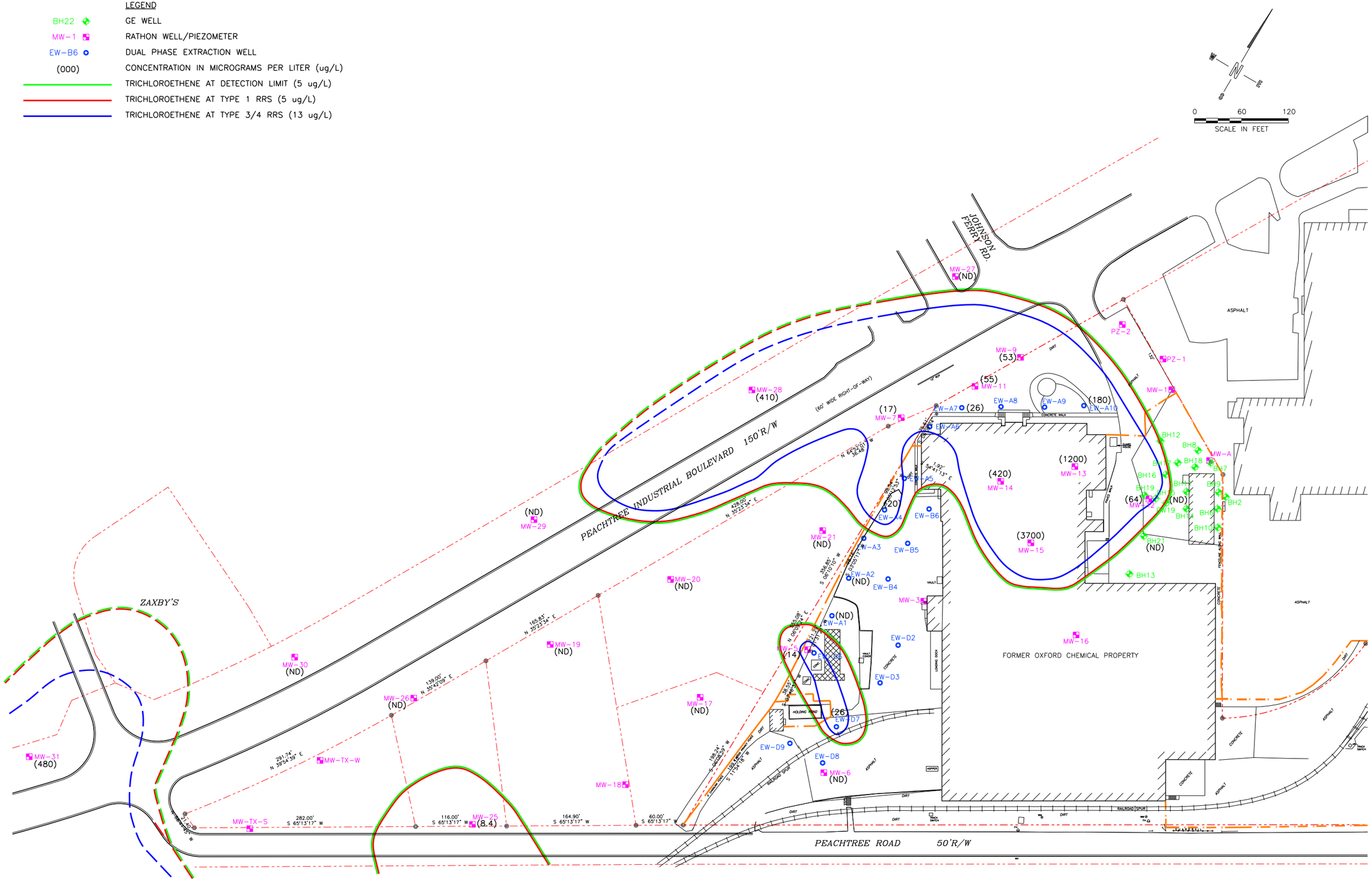
LEGEND

BH22	GE WELL
MW-1	RATHON WELL/PIEZOMETER
EW-B6	DUAL PHASE EXTRACTION WELL
(000)	CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
	TRICHLOROETHENE AT DETECTION LIMIT (5 ug/L)
	TRICHLOROETHENE AT TYPE 1 RRS (5 ug/L)
	TRICHLOROETHENE AT TYPE 3/4 RRS (13 ug/L)



TITLE: TRICHLOROETHENE CONCENTRATIONS IN GROUNDWATER - 2015
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FIG. 13

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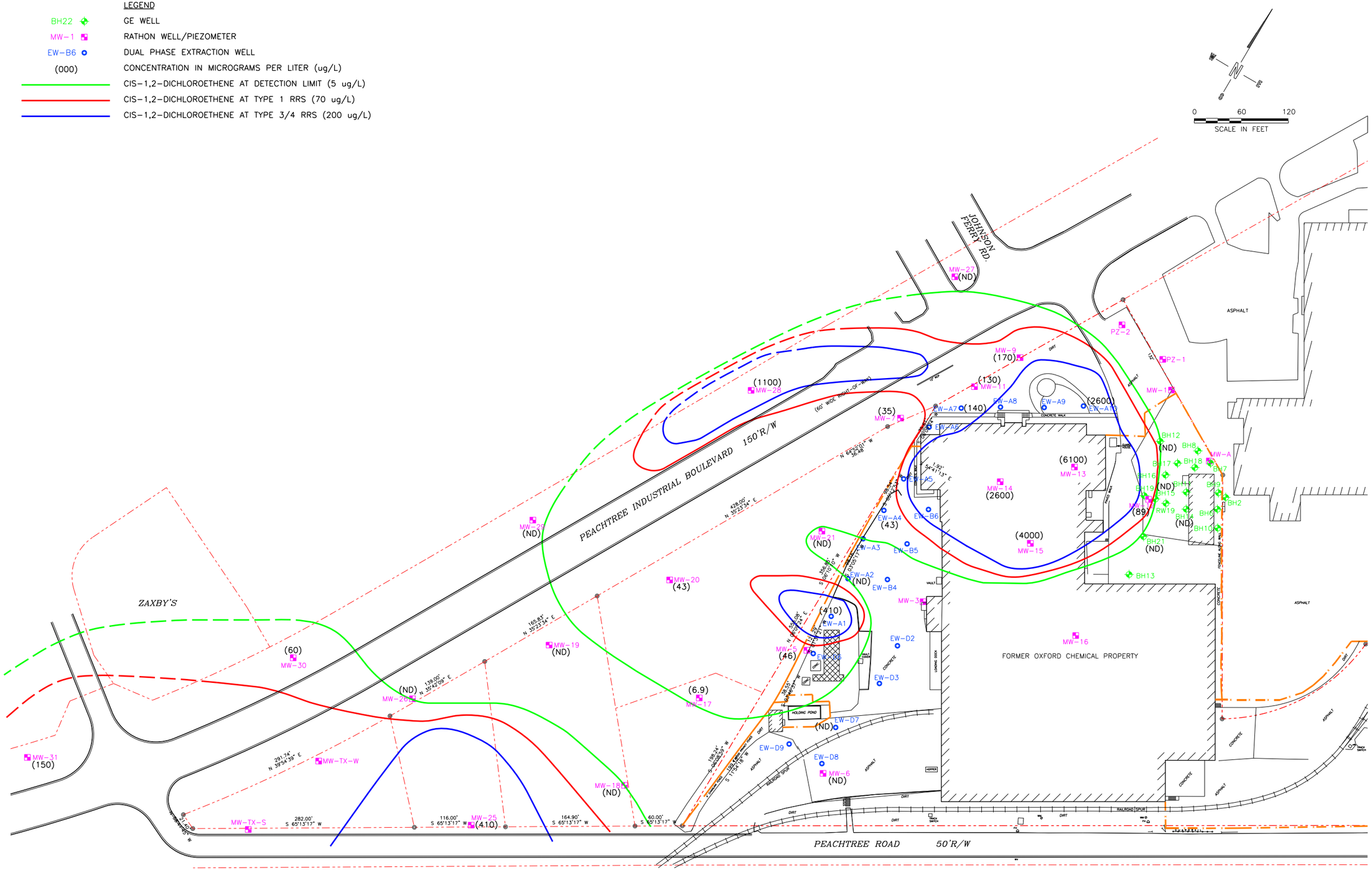
PREPARED: VPV

CLIENT: RATHON CORP./TYSON FOODS

LEGEND

BH22	GE WELL
MW-1	RATHON WELL/PIEZOMETER
EW-B6	DUAL PHASE EXTRACTION WELL
(000)	CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
	CIS-1,2-DICHLOROETHENE AT DETECTION LIMIT (5 ug/L)
	CIS-1,2-DICHLOROETHENE AT TYPE 1 RRS (70 ug/L)
	CIS-1,2-DICHLOROETHENE AT TYPE 3/4 RRS (200 ug/L)



TITLE: CIS-1,2-DICHLOROETHENE CONCENTRATIONS IN GROUNDWATER - 2015
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FIG. 14

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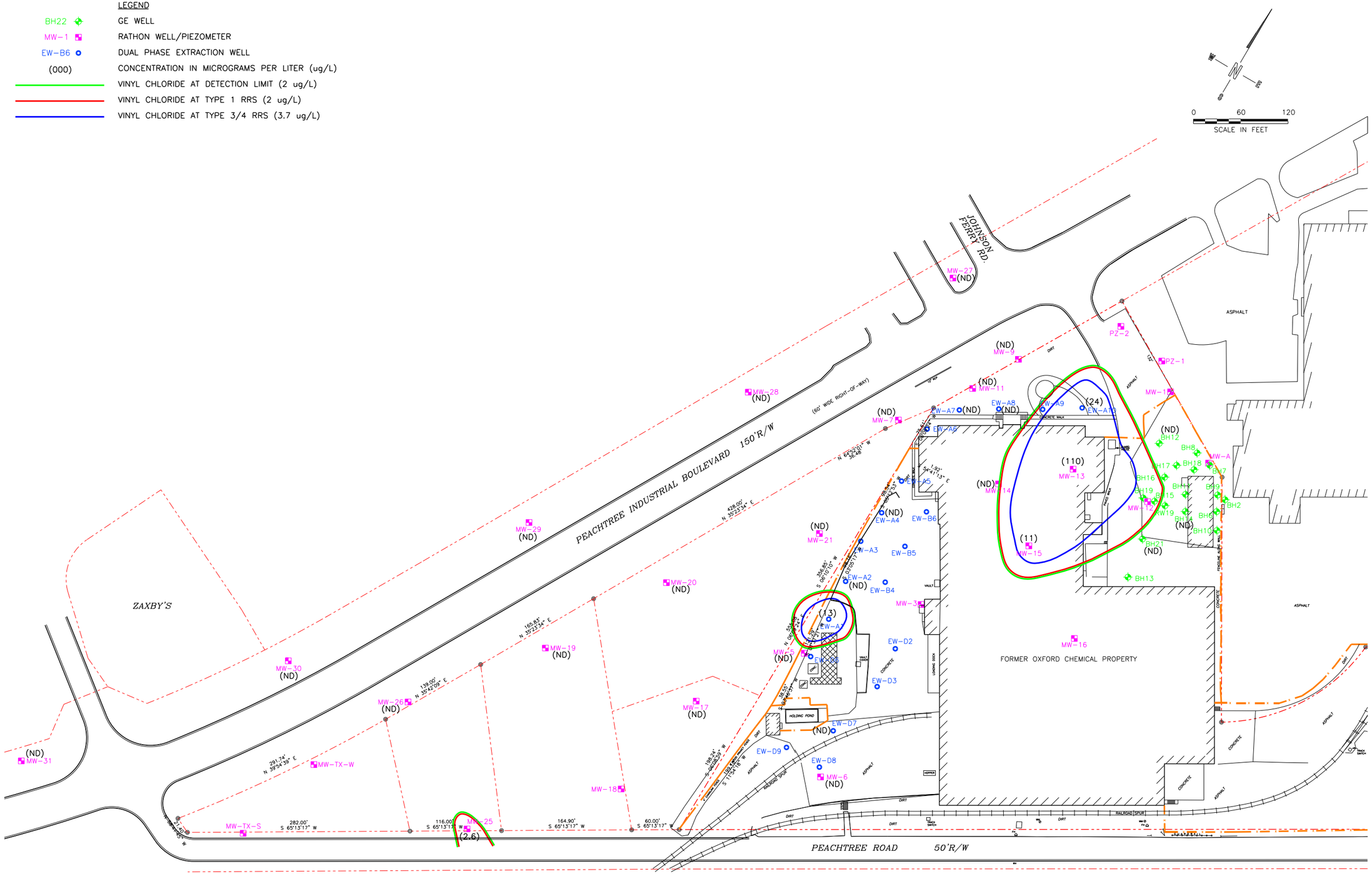
LEGEND

BH22	GE WELL
MW-1	RATHON WELL/PIEZOMETER
EW-B6	DUAL PHASE EXTRACTION WELL
(000)	CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
	VINYL CHLORIDE AT DETECTION LIMIT (2 ug/L)
	VINYL CHLORIDE AT TYPE 1 RRS (2 ug/L)
	VINYL CHLORIDE AT TYPE 3/4 RRS (3.7 ug/L)



TITLE: VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER - 2015
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FIG. 15

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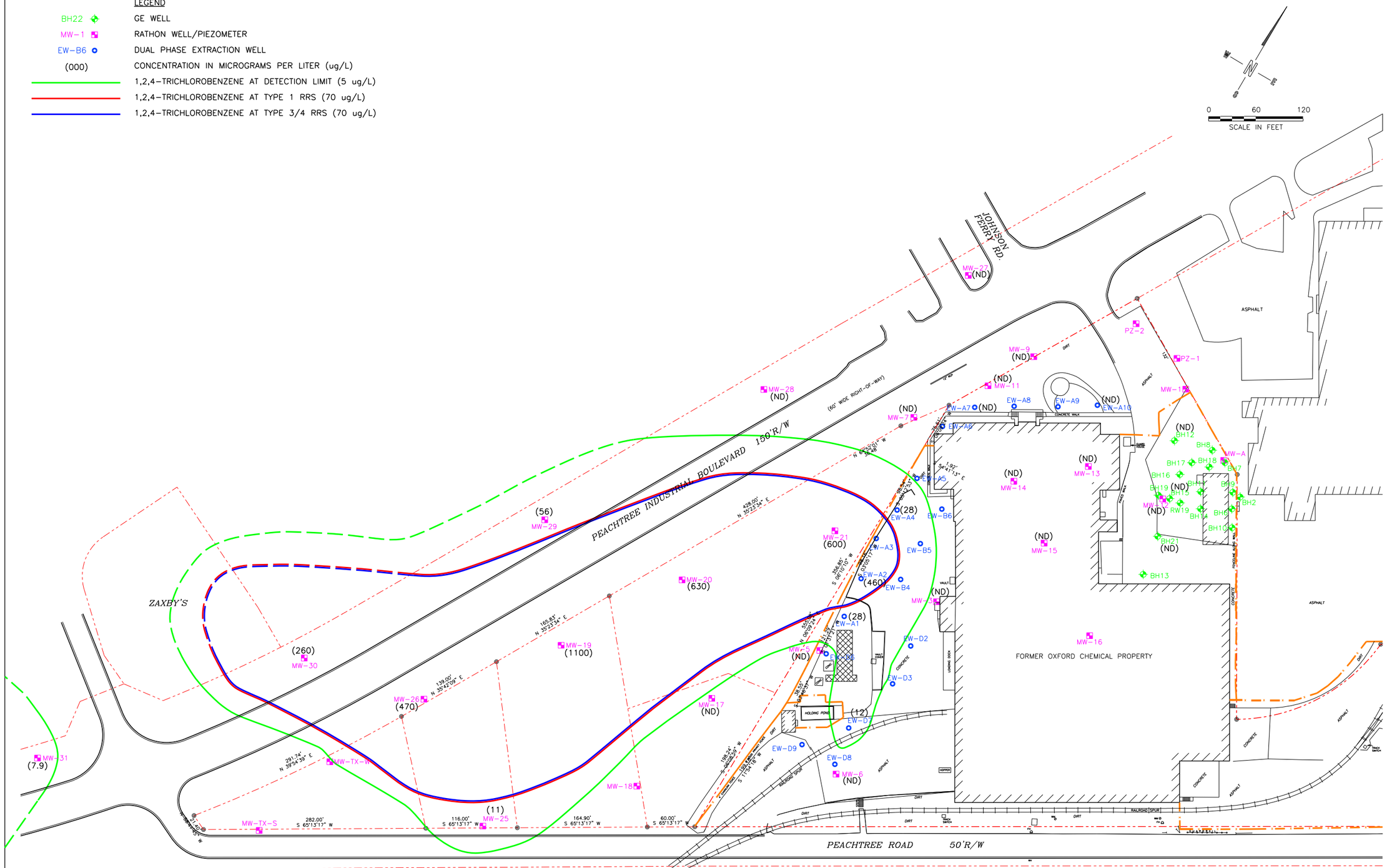
LEGEND

BH22	GE WELL
MW-1	RATHON WELL/PIEZOMETER
EW-B6	DUAL PHASE EXTRACTION WELL
(000)	CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
	1,2,4-TRICHLOROBENZENE AT DETECTION LIMIT (5 ug/L)
	1,2,4-TRICHLOROBENZENE AT TYPE 1 RRS (70 ug/L)
	1,2,4-TRICHLOROBENZENE AT TYPE 3/4 RRS (70 ug/L)



TITLE: 1,2,4-TRICHLOROBENZENE CONCENTRATIONS IN GROUNDWATER - 2015
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FIG. 16

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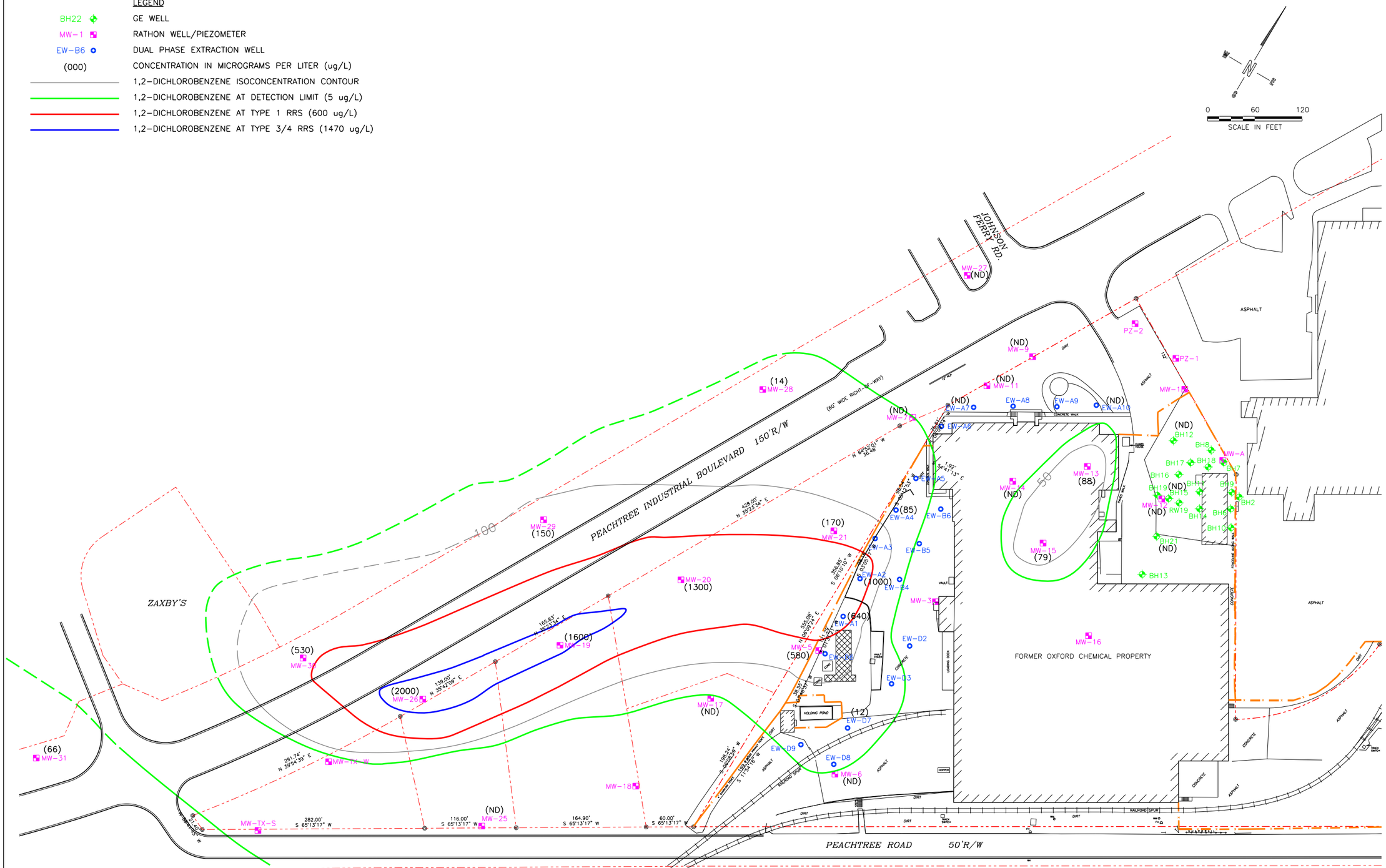
CLIENT: RATHON CORP./TYSON FOODS

LEGEND

BH22	GE WELL
MW-1	RATHON WELL/PIEZOMETER
EW-B6	DUAL PHASE EXTRACTION WELL
(000)	CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
	1,2-DICHLOROBENZENE ISOCONCENTRATION CONTOUR
	1,2-DICHLOROBENZENE AT DETECTION LIMIT (5 ug/L)
	1,2-DICHLOROBENZENE AT TYPE 1 RRS (600 ug/L)
	1,2-DICHLOROBENZENE AT TYPE 3/4 RRS (1470 ug/L)



TITLE: 1,2-DICHLOROBENZENE CONCENTRATIONS IN GROUNDWATER - 2015
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FIG. 17

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REVISIONS:

CLIENT: RATHON CORP./TYSON FOODS

LEGEND

BH22	GE WELL
MW-1	RATHON WELL/PIEZOMETER
EW-B6	DUAL PHASE EXTRACTION WELL
(000)	CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
	1,4-DICHLOROBENZENE ISOCONCENTRATION CONTOUR
	1,4-DICHLOROBENZENE AT DETECTION LIMIT (5 ug/L)
	1,4-DICHLOROBENZENE AT TYPE 1 RRS (75 ug/L)
	1,4-DICHLOROBENZENE AT TYPE 3/4 RRS (75 ug/L)

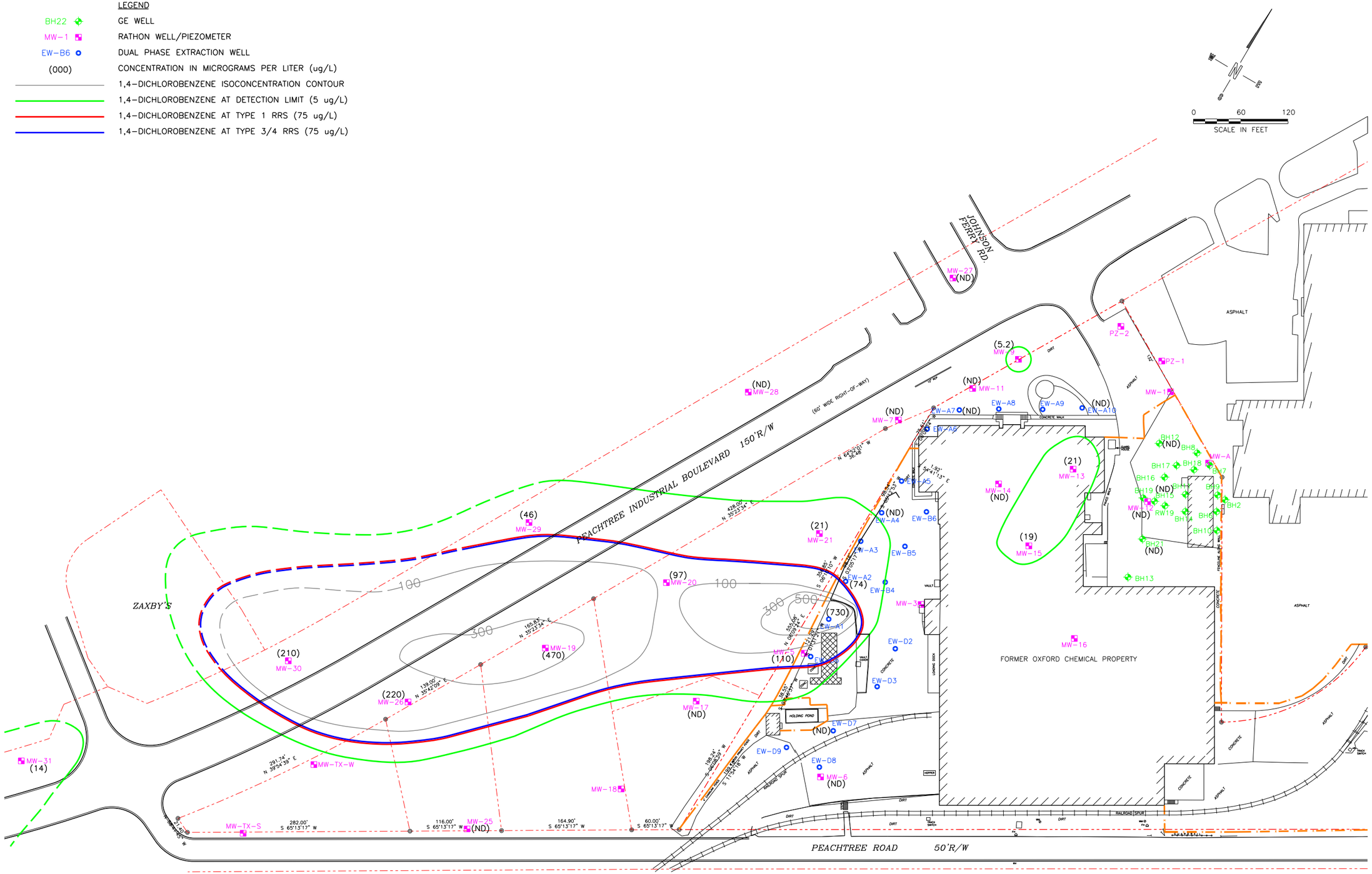

FIG. 18

TITLE: 1,4-DICHLOROBENZENE CONCENTRATIONS IN GROUNDWATER - 2015
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5001 PEACHTREE INDUSTRIAL BLVD, CHAMBLEE, DEKALB CO, GA

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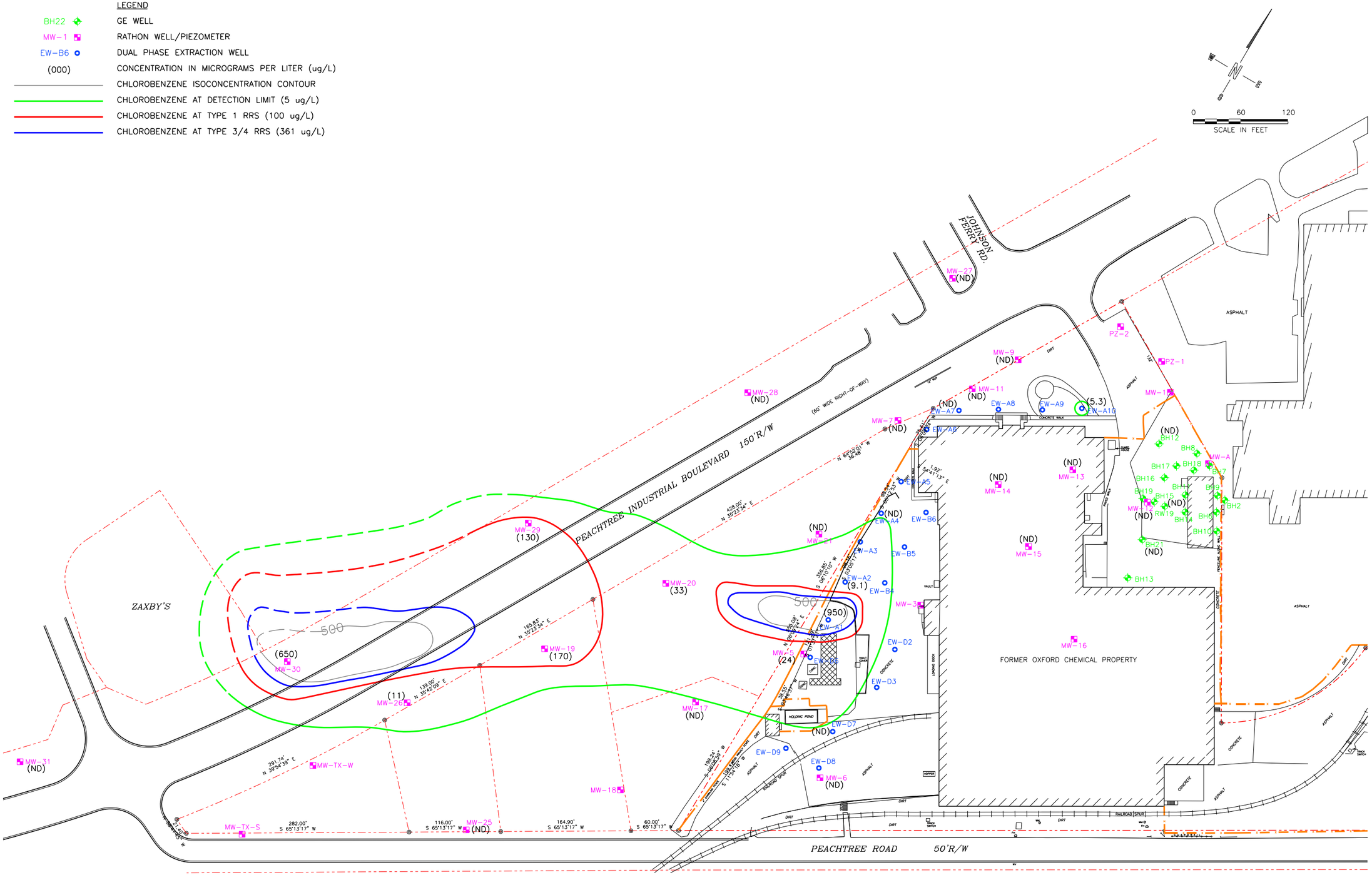
REVISIONS:

CLIENT: RATHON CORP./TYSON FOODS

LEGEND

BH22	GE WELL
MW-1	RATHON WELL/PIEZOMETER
EW-B6	DUAL PHASE EXTRACTION WELL
(000)	CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
	CHLOROBENZENE ISOCONCENTRATION CONTOUR
	CHLOROBENZENE AT DETECTION LIMIT (5 ug/L)
	CHLOROBENZENE AT TYPE 1 RRS (100 ug/L)
	CHLOROBENZENE AT TYPE 3/4 RRS (361 ug/L)



TITLE: CHLOROBENZENE CONCENTRATIONS IN GROUNDWATER - 2015
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FIG. 19

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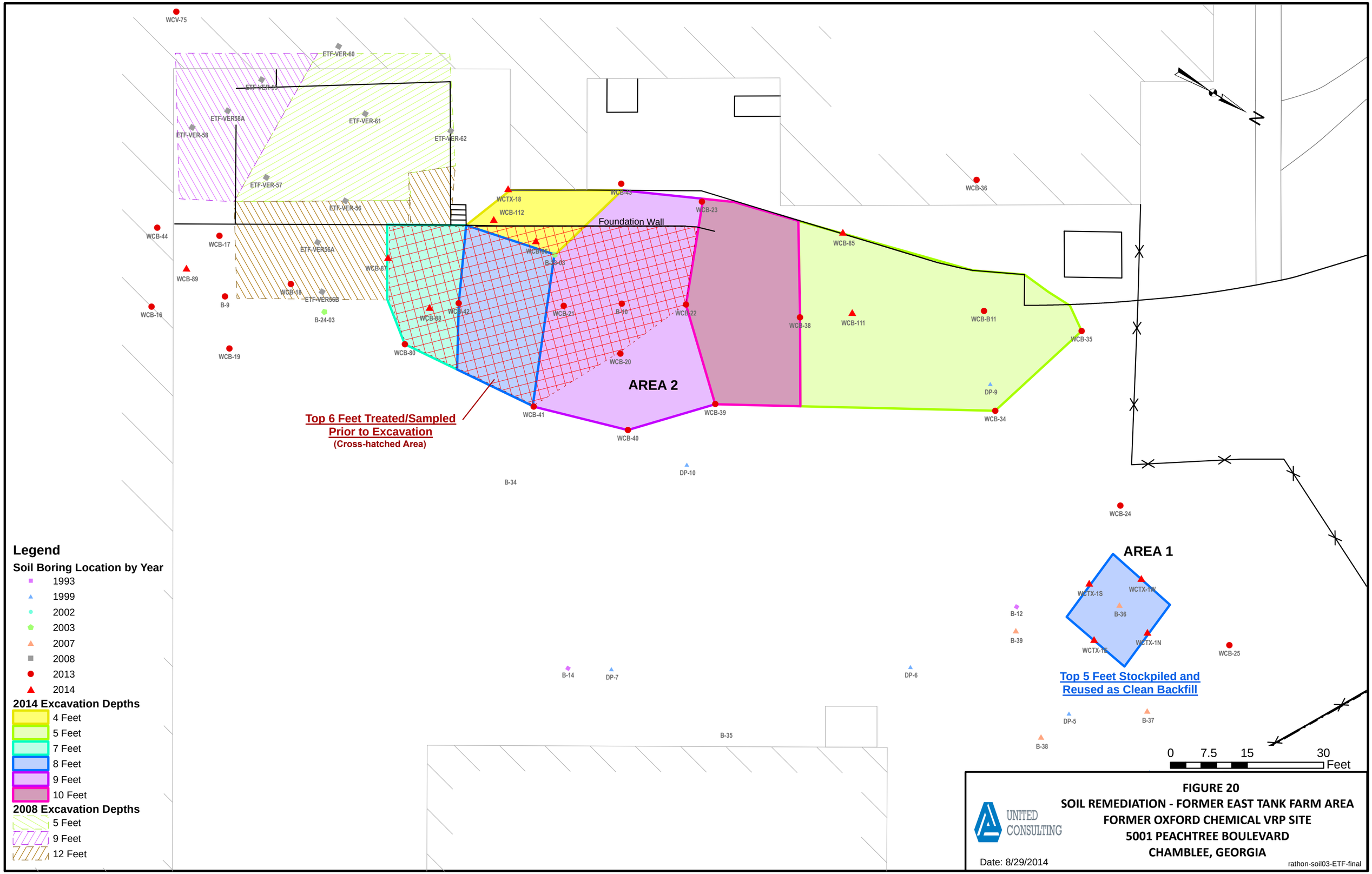
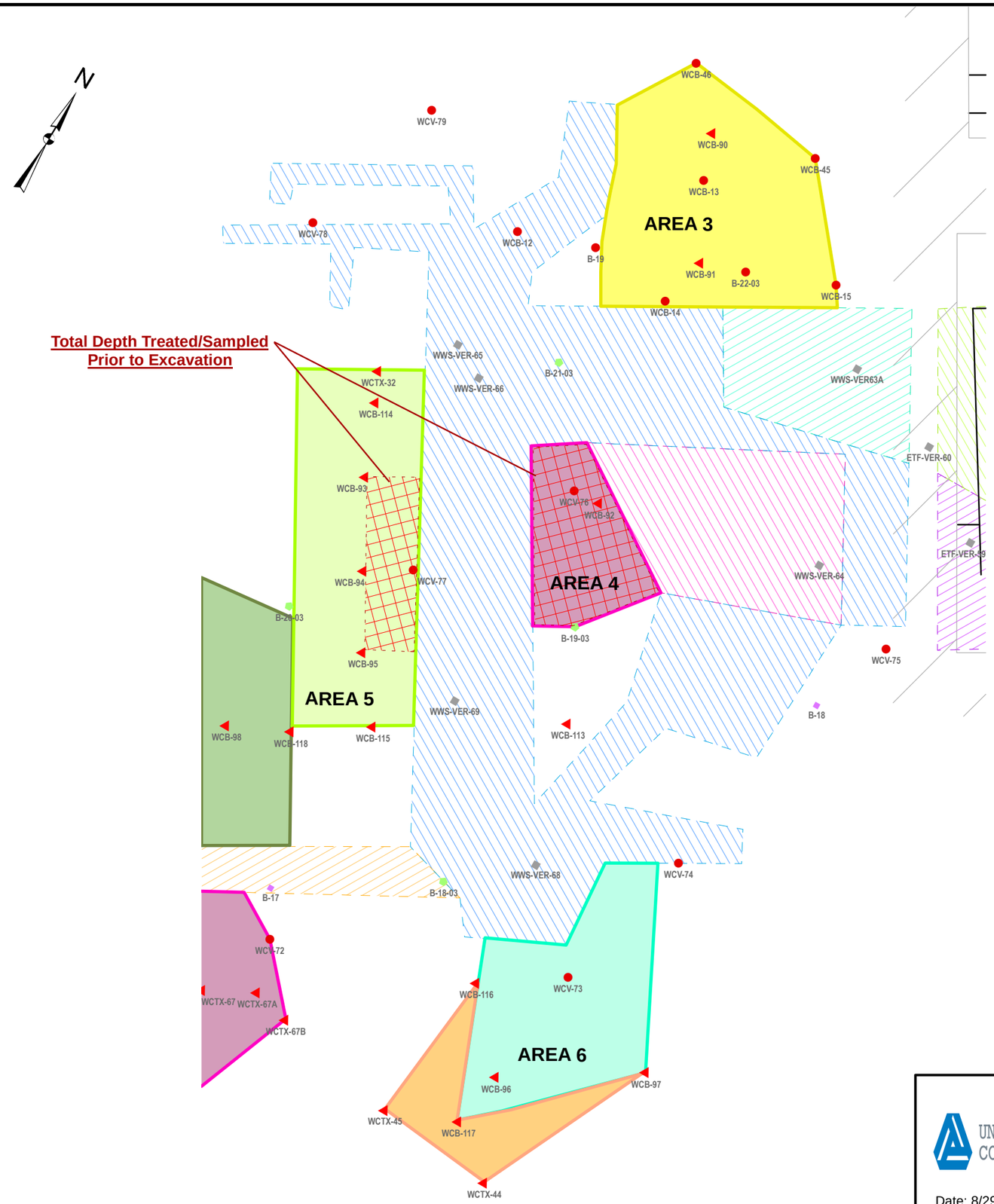


FIGURE 20
SOIL REMEDIATION - FORMER EAST TANK FARM AREA
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA



Legend

Soil Boring Location by Year

- 1993
- 1999
- 2002
- 2003
- 2007
- 2008
- 2013
- 2014

2014 Excavation Depths

- 3 Feet
- 4 Feet
- 5 Feet
- 6 Feet
- 7 Feet
- 10 Feet

2008 Excavation Depths

- 3 Feet
- 5 Feet
- 7 Feet
- 8 Feet
- 9 Feet
- 10 Feet

0 9 18 36 Feet

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FIGURE 21
SOIL REMEDIATION - WASTEWATER SEWER AREA
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA

Date: 8/29/2014

rathon-soil03-WWS-final

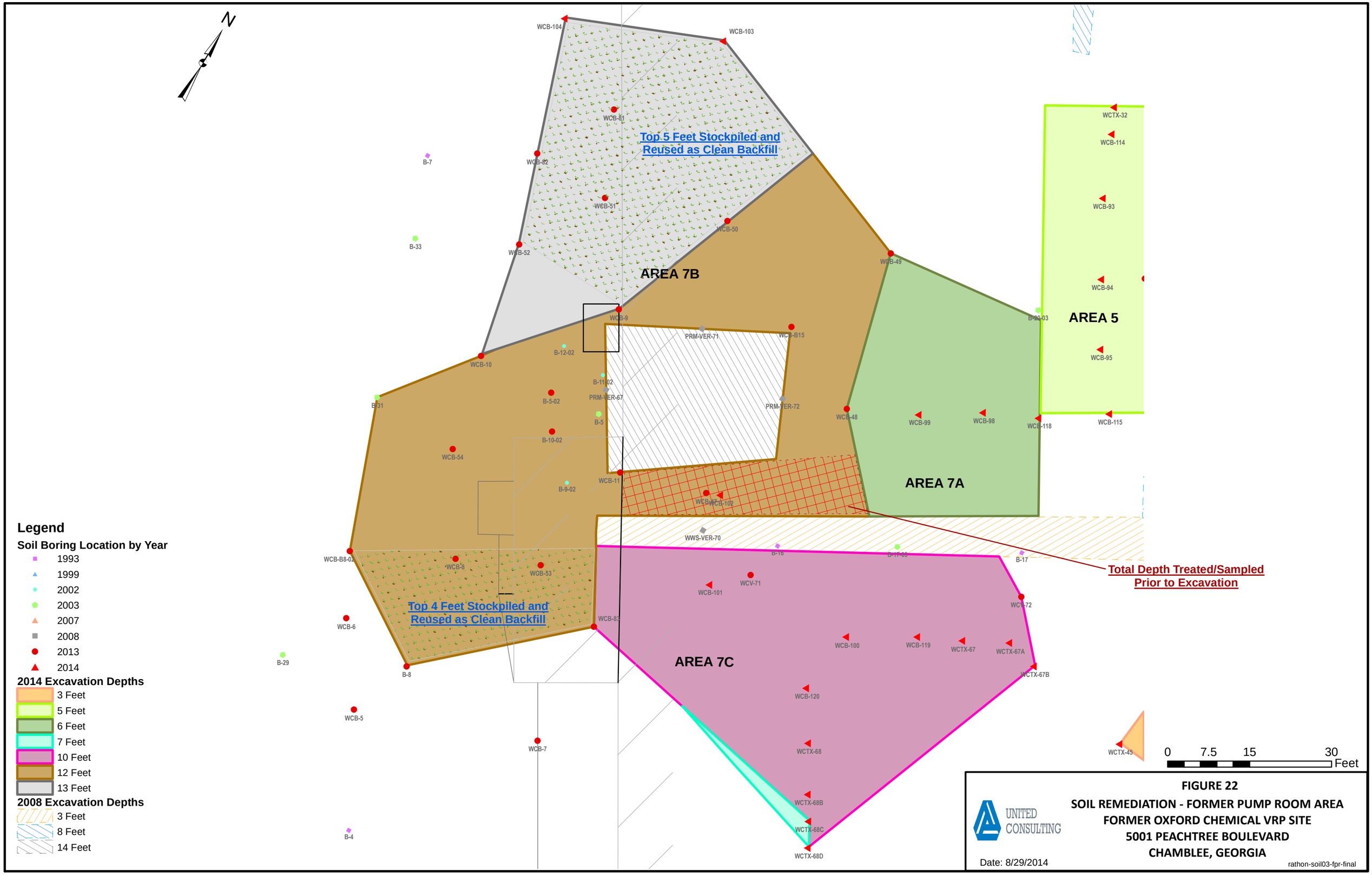
N
WCB-104
WCB-103
WCB-81
Top 5 Feet Stockpiled and Reused as Clean Backfill
B-7
WCB-82
WCB-51
WCB-50
B-33
WCB-52
WCB-49
AREA 7B
WCB-9
PRM-VER-71
WCB-B15
B-12-02
WCB-10
B-11-02
B-5-02
PRM-VER-67
PRM-VER-72
B-31
B-5
WCB-48
WCB-99
WCB-98
WCB-118
WCB-115
B-10-02
WCB-54
WCB-11
B-9-02
WCB-102
AREA 7A
WCTX-32
WCB-114
WCB-93
WCB-94
B-00-03
AREA 5
WCB-95
WWS-VER-70
B-16
B-17-02
B-17
Total Depth Treated/Sampled Prior to Excavation
WCB-B8-02
WCB-8
WCB-53
WCV-71
WCB-101
WCV-72
Top 4 Feet Stockpiled and Reused as Clean Backfill
WCB-6
WCB-83
WCB-100
WCB-119
WCTX-67
WCTX-67A
B-29
B-8
AREA 7C
WCTX-67B
WCB-120
WCB-5
WCB-7
WCTX-68
WCTX-45
WCTX-68B
WCTX-68C
B-4
WCTX-68D
0 7.5 15 30 Feet
Legend
Soil Boring Location by Year
1993
1999
2002
2003
2007
2008
2013
2014
2014 Excavation Depths
3 Feet
5 Feet
6 Feet
7 Feet
10 Feet
12 Feet
13 Feet
2008 Excavation Depths
3 Feet
8 Feet
14 Feet
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FIGURE 22
SOIL REMEDIATION - FORMER PUMP ROOM AREA
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA
Date: 8/29/2014
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FIGURE 23
SOIL REMEDIATION - WASTEWATER TREATMENT FACILITY AREA
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA

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Date: 8/29/2014

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APPENDIX A – EPD CORRESPONDENCE

Georgia Department of Natural Resources

2 Martin Luther King, Jr. Drive, S.E., Suite 1462 East, Atlanta, Georgia 30334-9000
Noel Holcomb, Commissioner
Environmental Protection Division
Carol A. Couch, PhD., Director
404/657-8600

January 29, 2007

FILE COPY

VIA FED EX

Mr. Michael C. Smith, CA
Vice-President, Corporate Projects
Molson, Inc.
1555 Notre Dame Street East
Montreal, Quebec, Canada H2L 2R5

Mr. Donald Hoffman
Arnall Golden Gregory LLP
171 17th Street, NW
Suite 2100
Atlanta, Georgia 30363-1031

Re: Rathon CSR Notice of Deficiencies/CAP Approval
GE Chamblee Apparatus Service Center, HSI # 10072
Chamblee, DeKalb County, Georgia

Dear Mr. Smith and Mr. Hoffman:

The Georgia Environmental Division (EPD) has reviewed the December 1, 2005 corrective action plan (CAP) and the June 12, 2006 compliance status report (CSR) for the Rathon property sublisted as part of the above referenced site. EPD has the following comments:

Risk Reduction Standards:

1) Section 391-3-19-.06 of the Rules for Hazardous Site Response (Rules) requires all regulated substances released at a site or individual property on the Hazardous Site Inventory (HSI) demonstrate compliance with the risk reduction standards of section 391-3-19-.07 of the Rules. Please include all regulated substances detected above the laboratory detection limits at the sublisted Rathon property and compare them to the Risk Reduction Standards (RRS), including Endrin.

2) The method of determining the leachate potential based on Type 1 groundwater RRS (20 times groundwater concentration) is not appropriate. Furthermore, a dilution factor of 20 is only appropriate where the source is less than ½ acre in size, which is not the case at the Rathon/GE site. As required by Sections 391-3-19-.07(7)(c)1 and 391-3-19-.07(9)(d)1 of the Rules, a recognized USEPA laboratory analysis or fate-and-transport model approved by the Director shall be utilized to determine concentration of a soil contaminant that will not cause contamination of the levels exceeding Type 3 or Type 4 groundwater concentration criteria. Please perform the required analysis or modeling and include the results in the screening criteria.

3) EPD noted a discrepancy between the toxicity value for Ethylbenzene in the report and that used by EPD. The Inhalation Slope Factor (Sfi) for Ethylbenzene has been withdrawn and therefore should not be used when calculating a RRS. Please amend Table I-4 accordingly.

4) Please include the values used for the Volatilization Factors (VF) and Particulate Emissions Factor (PEF) in the RRS calculations along with a sample calculation.

Groundwater/Soil:

5) Upon review of the submitted laboratory data sheets, benzene, tetrachloroethylene, trichloroethylene, and vinyl chloride were all analyzed at a laboratory quantitation limit above the proposed RRS for groundwater at the site. Please insure that, for all future groundwater sampling at the Rathon property, the laboratory quantitation limits are at or below the appropriate RRS.

6) For future reports, please provide field data from the low-flow groundwater sampling at the Rathon property. Data should include pump rate, calculated well volume, field analysis measurements (temperature, pH, conductivity, turbidity, etc.), and a total of purged groundwater. [§391-3-19-.06(3)(b)3. of the Rules]

7) Please provide an explanation for horizontal hydraulic gradient at the site. The explanation should include all calculations, a map showing the location of the gradient calculated, and a date for the potentiometric surface map used in the calculation. [§391-3-19-.06(3)(b)3. of the Rules]

8) Please provide an explanation for the hydraulic conductivity value used for the site. The explanation should include data from pumping/slug tests, show calculations and list input values used in the calculations. [§391-3-19-.06(3)(b)3. of the Rules]

9) Pursuant to Sections 391-3-19-.06(3)(b)2. and 3. of the Rules, for each soil boring and monitoring well installed by Rathon, please provide applicable boring logs and monitoring well construction diagrams. Additionally, a detailed description of soil and groundwater sampling procedures is requires for all soil and groundwater samples collected by Rathon. Sampling descriptions should include equipment used, sampling method, laboratory method, copy of chain-of-custody, and copy of the laboratory analytical results. While there are procedures specified in Appendix J of the CAP, it is unclear whether the procedures are Rathon's or GE's and whether those procedures were followed during sample collection.

   Standard Operating Procedures 3 included in Appendix J of the CAP includes a list of materials that are used to accomplish the sampling, specifically 'nylon or polyethylene rope' and a 'bailer (bottom loading)'. Please note that the use of bailers for purging and sampling is discouraged by the November 2001 Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (EISOPQAM). Please ensure that all future sampling at the Rathon property complies with EISOPQAM low flow purging and sampling techniques.

10) Please note that wells containing LNAPL should be included on the potentiometric surface map. Instructions on calculating groundwater elevation can be found in Appendix C of USEPA's Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Groundwater (Sept 1998)

11) Page 14 of the CAP mentions a 2004 chemical oxidation pilot test performed to the west of the sublisted site. Please provide additional information including the location of the injection points, quantity and type of material injected, groundwater sample results, and a summary of the results of the pilot test.

Tables/Figures:

12) Table 3, 4, and 5 included in the CAP give the results of the soil and groundwater sampling at the Rathon

property. However, these tables use 'ND' to signify when a regulated substance was not detected at or above the laboratory quantitation limit. For ease of review, when a regulated substance has not been found at or above the laboratory quantitation limit, the table shout show '>x' were 'x' is the laboratory quantitation limit. Please ensure all future tables submitted to EPD use this method instead of 'ND'.

13) EPD has noted that only the 1993 soil sample results within the sublisted area were reported in Appendix D of the CSR and laboratory analytical results were not provided.

14) The statement referring to Table 4 and 5 on page 9 of the CAP should reference Tables 3 and 4.

15) Figure 5 in the CAP (north-south cross-section): Monitoring well MW54 should be labeled as MW4.

16) The monitoring well located near the drop inlet to the north of the metal building is sometimes labeled BH7 (Figure 5 of the CAP) and sometimes labeled BH5 (Figure 12 of the CAP). Please review and correct the figures as appropriate.

17) Figures 7, 8, and 9 of the CAP do not show detected concentrations at each well as was done on other isoconcentrations maps in the CAP. Please ensure all future figures show the detected concentration adjacent to each sampled point. Wells not sampled should be depicted with "NS" to denote the well was not sampled.

18) Please provide a date for the data presented in Figure 16 "Historical Extent of LNAPL in Sublisted Area."

19) Pursuant to Section 391-3-19-.06(3)(b)2(iii)of the Rules, please provide a northwest-southeast and east to west vertical cross-sections across the sublisted area. The vertical cross-sections must include soil sampling locations and intervals in the soil column, monitoring well locations and screen intervals, geologic stratigraphy, groundwater level, and concentration of contaminants presented in the sample interval. Please note that Endrin (shallow soil) and PCB 1260 (deep soil) reported in Table 3 of the CAP exceed the notification concentration and that these regulated substances are also detected in groundwater. While Rathon states the tetrachloroethylene (PCE) and PCB in the soil column are due to the light non-aqueous phase liquid (LNAPL), soil remediation may be required to comply with the risk reduction standards.

20) Please provide a top-of-bedrock contour map for the Rathon property.

Proposed Corrective Action:

21) The CAP proposes a combination of Monitored Natural Attenuation (MNA), institutional controls, and groundwater monitoring to bring the site into compliance with the applicable RRS. The CAP proposes that MNA sampling be conducted semiannually or annually. The CAP estimates that long-term monitoring will be required for five (5) years. It also states that Rathon may conduct a pilot test of an enhanced bioremediation technique if MNA sampling shows that the biodegradation process can be enhanced or accelerated. EPD approves the proposed groundwater corrective action plan subject to the following conditions:

   a) In order to assess for seasonal changes in groundwater conditions, groundwater samples should be collected quarterly for the first two years, and at least semiannually thereafter.

b) Monitoring wells BH-23 and BH-22 should be added to the MNA groundwater monitoring system.
c) To the extent practicable, Rathon should perform their sampling events simultaneously with GE's sampling events. The 1st quarterly sampling event should occur within ninety (90) days of receipt of this letter unless otherwise approved by EPD to correspond with a GE sampling event.
d) Rathon will install a minimum of one bedrock well adjacent to BH-22 by no later than June 30, 2007 and preferably before the 1st quarterly sampling event.
e) An annual report compiling the sampling events and an evaluation of the effectiveness of the proposed corrective action is to be submitted to EPD within ninety (90) days of completion of the 4th quarterly sampling event and annually thereafter. The 1st annual report must also address all of the comments in this letter except Comment 24.
f) The CAP states the time to achieve compliance with RRS through MNA cannot be determined because the LNAPL emanating from the General Electric (GE) property is a source of the release and without its removal, groundwater will likely not meet RRS. GE included MNA calculations in its December 2005 semi-annual groundwater monitoring report. As such, EPD believes that Rathon can perform the same calculations using an approved fate and transport model for its property in order to develop an estimate as to when the Rathon property will be in compliance with RRS. Therefore, please submit a fate and transport model estimating the length of time to bring the site into compliance with the risk reduction standards. This model should be submitted in the 1st annual MNA report.
g) While institutional controls cannot be used to certify compliance with the Type 1 – 4 RRS, institutional controls could be used as an interim measure until the Rathon property is brought into compliance with the Type 1 – 4 RRS. Please use the language specified in Section 391-3-19-.08 of the Rules.

Compliance Status Report:

22) A CSR should show, to the best extent possible, what contamination is at the site and where this contamination is located now. Please provide maps showing the most recent sampling data from all the wells on the site. Also, please provide a map showing current location and thickness of LNAPL.

23) The CAP indicates that Rathon desires to subdivide the property so that the sublisted property will encompass that area shown in Figure 2. While EPD has previously agreed that Rathon can subdivide the property, EPD does not concur the entire sublisted portion of Rathon's property is encompassed within the area shown on Figure 2. Figure 11 of the CAP shows BH22 with a trichloroethylene concentration of 20 micrograms/liter which exceeds the proposed RRS from Table I-6 of 5 micrograms/liter. Also, Figure 15 shows BH22 with a tetrachloroethylene detection of 109 micrograms/liter which exceeds the proposed RRS of 5 micrograms/liter.

Furthermore, the December 2005 GE sampling report states monitoring well BH-23 contains 5,000 micrograms/liter PCE, denoting that this portion of the site may be the source of the chlorinated solvent contamination on this portion of the Rathon property. If Rathon wishes to show that this contamination is not coming from the Rathon property, all of the site wells, including those on the northern and western portion of the site should be resampled and submitted to EPD for review.

EPD is willing to revisit the proposed sublisted portion of the Rathon property upon review of the additional groundwater monitoring specified in Comment 21.

Information Request:

24) In a letter dated June 30, 2006, EPD requested information regarding groundwater sampling and groundwater monitoring wells on your property. EPD requested this information by no later than July 28, 2006. EPD has not received this requested information:

a) A one to two page summary of soil and groundwater analytical results obtained from your property including a list of the analytical methods/parameters analyzed;
b) A table of soil and groundwater analytical results for the most recently detected substances only;
c) A scaled figure (1"=200' or less) showing the location of existing and abandoned monitoring wells both in hard copy and if available, electronic copy. Please include property lines, property features, and a survey of each well's reference point and the elevation of top-of-casing on the figure;
d) A figure denoting the latest poteniometric groundwater surface;
e) Vertical cross-sections of wells along the direction of groundwater flow including site stratigraphic features;
f) If available, global positioning system (GPS) locations for existing and abandoned wells;
g) Copies of boring logs and well construction logs including soil lithographic units, type of well casing material, well-intake design (including slot size and length), etc.; and
h) A table listing all monitoring wells, elevation of top-of-casing, elevation of bottom of the well, elevation of the screened interval, most recent water table elevation, and date the water table was gauged.

Please submit the information requested in Comment 24 by no later than March 30, 2007. If you have any questions regarding this matter, please call Ms. Kelly Norwood at 404-657-8600.

Sincerely,

Alexandra Y. Cleary

Alexandra Y. Cleary
Acting Program Manager
Hazardous Sites Response Program

c: James P. Bulman, ESC
Chuck MacPherson, Peachtree Environmental

File: HSI #10072
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Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King, Jr. Dr., S.E., Suite 1462 East, Atlanta, Georgia 30334
Judson H. Turner, Director
Land Protection Branch
Jeff Cown, Branch Chief
Phone: 404-657-8600 / Fax: 404-657-0807

July 10, 2013

COPY

VIA EMAIL & REGULAR MAIL

Rathon Corporation
c/o Mr. Michael J. Glade, P.E.
Vice President
1225 17th Street, Suite 3200
Denver, Colorado 80202

The Hillshire Brands Company
c/o Mr. Kent B. Magill, Esq.
Executive Vice President
400 South Jefferson Street
Chicago, Illinois 60607

Re: March 2013 VRP Application and Plan Approval
Former Oxford Chemical Site, HSI # 10072 (sublisted)
Chamblee, DeKalb County, Georgia
Tax Parcel ID # 18-278-14-002

Dear Messrs Glade and Magill:

The Georgia Environmental Protection Division (EPD) has received the March 2013 Voluntary Remediation Program (VRP) application that has been submitted pursuant to the Georgia Voluntary Remediation Program Act (the Act) O.C.G.A. 12-8-100. This VRP application was submitted in lieu of an Annual Monitoring Report required pursuant to the Georgia Rules for Hazardous Site Response and will replace the approved December 2005 Corrective Action Plan for the above referenced property. EPD is approving your VRP application, which specifies corrective action consisting of the following:

- Address soil exceeding non-residential cleanup standards through active remediation.
- Address potential groundwater and vapor exposure through the use of a combination of limited active remediation and engineering and/or institutional controls as required.
- Continue LNAPL recovery (if necessary).
- Further assess soil and groundwater impacts.

Therefore, EPD is accepting Rathon Corporation and the Hillshire Brands Company as participants as defined in the Act for the following qualifying property provided the VRP application is implemented in compliance with the following schedule and conditions:

Qualifying property:

Former Oxford Chemical Site (Rathon)
5001 Peachtree Boulevard
Chamblee, DeKalb County, Georgia 30341
Tax Parcel ID # 18-278-14-002

Comments:

1. The delineation standards presented in Table 4 are approved for the site. EPD's comments on the proposed non-residential risk reduction standards (RRS) were sent via e-mail to Mr. Leonard Diprima

of Woodard and Curran on June 5, 2013. These comments should be addressed and revised RRS values submitted under separate cover for approval.

2. It does not appear that sidewall confirmation samples were collected for certain previously excavated areas at the site. In order to demonstrate compliance with the non-residential RRS, additional samples should be collected in these areas or historical data provided if available.

3. To demonstrate compliance with non-residential RRS for soil, additional characterization is necessary at the former locations of the wastewater pre-treatment plant and holding pond, the empty drum storage area located on the southwestern portion of the property, Building "C" / Powder Plant, and the loading / unloading areas of the rail spur lines.

4. Within six months of detecting regulated substance(s) on a non-qualifying property, the participant must apply to EPD to include the affected property as a qualifying property under the Act or notify EPD that the non-qualifying property is not included under the Act.

EPD requires that Rathon Corporation, the Hillshire Brands Company, and the professional engineer/geologist specified in the VRP oversee the implementation of the VRP in accordance with the provisions, purposes, standards and policies of the Act. EPD may, at its sole discretion, review and comment on documents submitted by Rathon Corporation and the Hillshire Brands Company. However, failure of EPD to respond to a submittal within any timeframe does not relieve Rathon Corporation and the Hillshire Brands Company from complying with the specified schedule and the provisions, purposes, standards and policies of the Act. Should Rathon Corporation and the Hillshire Brands Company fail to comply with the above schedule, EPD may terminate enrollment of the participant and the qualifying property from the voluntary remediation program.

EPD anticipates receipt of the first semiannual progress report by January 2, 2014 and a compliance status report, including certification, on or before July 2, 2018. Should you have any question or concerns regarding this site, please contact Mr. John Maddox of the Response and Remediation Program at (404) 657-8600.

Sincerely,

Charles D. Williams

Charles D. Williams
Program Manager
Response and Remediation Program

c: Leonard J. Diprima, Jr. P.G., Woodard and Curran, Inc.

File: HSI # 10072

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Georgia Department of Natural Resources
Environmental Protection Division-Land Protection Branch
2 Martin Luther King Jr., Dr., Suite 1054 East, Atlanta, Georgia 30334
(404) 657-8600; Fax (404) 657-0807
Judson H. Turner, Director

April 8, 2014

COPY

VIA E-MAIL AND REGULAR MAIL

Rathon Corporation
c/o Mr. Michael J. Glade, P.E.
Vice President
1225 17th Street, Suite 3200
Denver, Colorado 80202

The Hillshire Brands Company
c/o Mr. Kent B. Magill, Esq.
Executive Vice President
400 South Jefferson Street
Chicago, Illinois 60607

Re: Voluntary Remediation Program Semi-Annual Status Report, January 10, 2014
Former Oxford Chemical Property, Sublisted to HSI Site No. 10072
5001 Peachtree Blvd, Chamblee, DeKalb County, Georgia
Tax Parcel 18-278-14-002

Dear Messrs. Glade and Magill:

The Georgia Environmental Protection Division (EPD) has reviewed the January 10, 2014 Voluntary Remediation Program (VRP) Semi-Annual Status Report for the former Oxford Chemical Site dated January 10, 2014. EPD's comments are provided below and should be addressed in accordance with the Voluntary Remediation Program Act (the Act):

1. EPD agrees that comments delivered via email correspondence dated September 26, 2013, concerning revised Risk Reduction Standards (RRS) have been adequately addressed. Therefore, the RRS presented in Tables 1 and 2 of Appendix A are considered finalized.

2. Except as noted in this letter, EPD concurs with the email summary dated March 27, 2014 of the meeting between EPD and Len Diprima of Woodard & Curran on February 19, 2014, which was held to discuss the above referenced report and plans for upcoming soil remediation activities.

3. EPD agrees that delineation of soil contamination to Type 1 RRS is complete for the site, with the exception of west of WCB-84.

4. EPD agrees that sufficient characterization of soils in the former locations of the wastewater treatment plant and holding pond, the empty drum storage area, Building "C"/Powder Plant, and the loading/unloading areas of the rail spur lines has now been completed. In addition to the supplemental sampling proposed in Section 3.2 and in the meeting summary to supplement/characterize soils that exceed Type 3/4 RRS, EPD recommends sampling the unexcavated area immediately south of B-19-03 and the area east of WCB-48 and north of B-17.

5. Some of the soil borings shown on figures depicting soil sample locations sampled in 2013 (symbolized with a red dot) are not shown in Table 1, which presents September 2013 soil sampling results. Specifically, the following borings shown on Figures 1, 2, and 4 are not shown in Table 1: WCB-1 through WCB-27, WTF-VER74A, B-1, B-2, B-5-02, B-8, B-9,

B-10, B-19, B-22-03, and B-23-03. (Note: WTF-VER-74A is a May 2008 sample. Samples designated B-x appear also to be from an earlier sampling event.) For samples collected in 2013, but before the September sampling event, please provide a table presenting sampling results and date in the next semi-annual progress report. For samples collected prior to 2013, please update the symbol used on Figures 1, 2, and 4 to reflect the correct year of sampling.

6. The meeting summary is correct that separate VRP applications are not necessary for impacted properties where groundwater corrective action is not required under the exemption of Section 12-8-107(g)(2) of the Act. However, if potential exposure pathways such as vapor intrusion are identified and controls are proposed to mitigate those pathways, a VRP application must be submitted for those impacted properties.

7. The report did not include the laboratory analytical report for soil and groundwater sampling. Please provide, in PDF format on a CD (no paper copy), the laboratory analytical report, including chain of custody records, for all samples collected during this reporting period.

8. The groundwater sampling log was not included in the report for monitoring well EW-A2. The log for EW-A1 was duplicated in the report, which may have led to the omission of EW-A2. Please include the September 2013 sampling log for EW-A2 in the next semi-annual progress report.

9. During the September 2013 groundwater sampling event, the pH had not stabilized (varies not more than +/- 0.1 units over three consecutive measurements) when the sample was collected from wells BH-19 and MW-A. Continue to purge until stability is achieved (see Groundwater Sampling, USEPA SESDPROC-301-R3, Section 3.2).

10. Turbidity was not reported on the sampling form for any of the samples collected during any of the 2013 groundwater sampling events. Even though samples are not being analyzed for metals, turbidity is still important because of the tendency of some pesticides to adsorb strongly to soil components. Therefore, monitor and use turbidity in determining purge adequacy (turbidity not greater than 10 NTUs, see SESDPROC-301-R3, Section 3.2)

11. For the low-flow purging method, the pump intake should be placed near the mid-point of the screened interval. The well sampling form provided in the report contains no information on the screened interval of the well or the pump intake depth. For future sampling events, state the screened interval and the pump intake depth.

12. Polyethylene tubing may be used for routine monitoring events; however, Teflon tubing must be used when sampling to show compliance with Risk Reduction Standards. For future sampling events, please state whether polyethylene or Teflon tubing was used.

Rathon Corporation and Hillshire Brands Company must address these comments to EPD's satisfaction in order to demonstrate compliance with the provisions, purposes, standards and policies of the Act. EPD may, at its sole discretion, review and comment on documents

submitted by Rathon Corporation and Hillshire Brands Company. However, failure of EPD to respond to a submittal within any timeframe does not relieve Rathon Corporation and Hillshire Brands Company from complying with the provisions, purposes, standards and policies of the Act.

Please address the above comments in subsequent semi-annual reports. The next semi-annual progress report is due July 2, 2014. If you have any questions, please contact Terry Allison at (404) 463-7513.

Sincerely,

Charles D. Williams

Charles D. Williams
Program Manager
Response and Remediation Program

c: Leonard J. Diprima, P.G., Woodard & Curran, Inc.

File: 218-0244

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Georgia Department of Natural Resources

Environmental Protection Division-Land Protection Branch
2 Martin Luther King Jr., Dr., Suite 1054 East, Atlanta, Georgia 30334
(404) 657-8600; Fax (404) 657-0807
Judson H. Turner, Director

October 16, 2014

VIA E-MAIL AND REGULAR MAIL

Rathon Corporation
c/o Mr. Michael J. Glade, P.E.
Vice President
1225 17th Street, Suite 3200
Denver, Colorado 80202

The Hillshire Brands Company
c/o Mr. Kent B. Magill, Esq.
Executive Vice President
400 South Jefferson Street
Chicago, Illinois 60607

Re: Voluntary Remediation Program Semi-Annual Status Report, September 24, 2014
Former Oxford Chemical Property (Rathon), Sublisted to HSI Site No. 10072
5001 Peachtree Blvd, Chamblee, DeKalb County, Georgia
Tax Parcel 18-278-14-002

Dear Messrs. Glade and Magill:

The Georgia Environmental Protection Division (EPD) has reviewed the Voluntary Remediation Program (VRP) Semi-Annual Status Report for the former Oxford Chemical Site dated September 24, 2014. We appreciate the extensive soil investigation and removal efforts and the response to our comment letter. Based on the data presented, EPD acknowledges and concurs with your Certification of Compliance that soil at the site is in compliance with non-residential Type 3/4 Risk Reduction Standards. We also concur that delineation of soil impacts has been satisfactorily completed in accordance with the Voluntary Remediation Program Act (the Act).

Please continue to account for EPD comments in forthcoming reports in accordance with the Act. EPD may, at its sole discretion, review and comment on documents submitted by Rathon Corporation and Hillshire Brands Company. However, failure of EPD to respond to a submittal within any timeframe does not relieve Rathon Corporation and Hillshire Brands Company from complying with the provisions, purposes, standards and policies of the Act.

The next semi-annual progress report is due January 10, 2015. If you have any questions, please contact Jake Carpenter at (404) 657-8656.

Sincerely,

Jason Metzger
Unit Coordinator
Response and Remediation Program

c: Leonard J. Diprima, P.G., Woodard & Curran, Inc.
File: 218-0244

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Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive, Suite 1456, Atlanta, Georgia 30334
Judson H. Turner, Director
(404) 656-4713

APR 24 2015

COPY

Peachtree Village Partners, LLC
c/o George Freisem, Esq.
P.O. Box 191264
Atlanta, Georgia 31119

RE: Brownfield Limitation of Liability – Former Oxford Chemical Property (Rathon)
5001 Peachtree Blvd, Chamblee, DeKalb County, Georgia
Tax Parcel 18-278-14-002

Dear Mr. Freisem:

The Georgia Environmental Protection Division (EPD) has completed review of the prospective purchaser compliance status report (CSR) for the above-referenced property. The CSR, including the certification of compliance with risk reduction standards, was submitted in order to obtain a limitation of liability pursuant to Section 12-8-200, et seq. of the Georgia Brownfield Act (Act). The legal description of the subject property provided to EPD on March 9, 2015 is as follows, "All that tract or parcel of land lying and being in Land Lot 278 & 300, 18th Land District, City of Chamblee, DeKalb County, Georgia as shown on a survey and plat prepared by Patton Land Surveying, LLC. For Oxford Chemicals, LLC dated July 10, 2014 and being more particularly described as…" The full legal description of the property, encompassing 8.27 acres, is attached to this letter.

The limitation of liability provided under the Act applies to all releases addressed in the CSR and is subject to all conditions set forth in the Act and as follows:

1. Peachtree Village Partners, LLC and any future owner(s) will give any responsible party for groundwater contamination and/or EPD access to the subject property to perform groundwater sampling and to implement an EPD approved corrective action plan or workplan for groundwater.

2. Peachtree Village Partners, LLC and any future owner(s) will provide notice to EPD thirty (30) days prior to decommissioning any groundwater monitoring wells on the subject property.

3. Peachtree Village Partners, LLC and any future owner(s) will ensure that the requirements of the proposed Uniform Environmental Covenant (UEC) are abided by and that the proposed engineering controls are properly installed, operated, and maintained.

4. All documents offering the subject property or portion of the subject property for sale will include a copy of the CSR, any other documents required by the UEC or the Act, and a copy of this letter. EPD shall be provided with the name, address, phone number, and contact person for any new property owner(s) within ten (10) days of sale.

On the basis of the data submitted in the CSR and certified by Peachtree Village Partners, LLC, EPD concurs with the certification that soil on the property is in compliance with the nonresidential soil risk reduction standards. Section 12-8-207(a) of the Act, as amended and effective July 1, 2002, states that upon the Director's approval of the prospective purchaser corrective action plan or concurrence with the certification of compliance with risk reduction standards for soil and source material contained in Section 391-3-19-.07 of the Rules, whichever first occurs, a prospective purchaser shall not be liable to the state or any third party for costs incurred in the remediation of, equitable relief relating to, or damages resultant from the preexisting release, nor shall the prospective purchaser be required to certify compliance with the risk reduction standards for groundwater, perform corrective action, or otherwise be liable for any preexisting releases to groundwater associated with the qualifying property.

This letter provides the Director's concurrence with the certification of compliance for the subject property and therefore grants the limitation of liability discussed above to the prospective purchaser, Peachtree Village Partners, LLC. Under Section 12-8-208(c) of the Act, this limitation of liability automatically inures to the benefit of heirs, assigns, successors in title, and designees of the person to whom such limitation of liability is granted. However, in no event shall the Director's concurrence with a certification of compliance operate to absolve from liability any person who has contributed or is contributing to a release at the qualifying property. Further, a transfer of the title to the qualifying property or any portion thereof from the prospective purchaser to any person who has contributed or is contributing to a release at the property, or to any person disqualified from obtaining a limitation of liability under Code Section 12-8-206 shall terminate any limitation of liability applicable to the transferor under the Act.

If you have any questions, or need further assistance, please contact Jake Carpenter at 404.657.8656.

Sincerely,

Judson H. Turner
Director

Attachment: Legal Description

cc: Leonard J. Diprima, P.G., United Consulting
Andrea Rimer, Counsel to Rathon Corporation

Brownfield Limitation of Liability – Former Oxford Chemical Property (Rathon)
Attachment: Legal Description

LEGAL DESCRIPTION: (PREPARED BY THE SURVEYOR)

All that tract or parcel of land lying and being in Land Lot 278 & 300, 18th Land District, City of Chamblee, DeKalb County, Georgia as shown on a survey and plat prepared by Patton Land Surveying, LLC. for Oxford Chemicals, LLC dated July 10, 2014 and being more particularly described as follows:

Commencing at a PK Nail Set at the approximate Centerline Intersection (C/L) of McGaw Drive (a 60 foot right of way) and Peachtree Road (a 50 foot right of way), THENCE North 81 degrees 32 minutes 13 seconds West for a distance of 38.54 feet to the intersection of the Northerly right of way of said Peachtree Road with the Westerly right of way of Said McGaw Drive, said point being the TRUE POINT OF BEGINNING.

Thence following along the Northerly right of way of Peachtree Road the following course:

Thence South 58 degrees 57 minutes 56 seconds West for a distance of 1005.11 feet to a point;

Thence leaving Peachtree Road the following courses:

Thence North 05 degrees 49 minutes 11 seconds East for a distance of 199.34 feet to a point to a 1/2" rebar pin set; Thence North 02 degrees 18 minutes 29 seconds West for a distance of 38.55 feet to a point; Thence North 04 degrees 33 minutes 45 seconds West for a distance of 121.29 feet to a 1/2" rebar pin set; Thence North 02 degrees 59 minutes 49 seconds West for a distance of 98.16 feet to a point; Thence North 00 degrees 52 minutes 13 seconds West for a distance of 98.54 feet to a point; Thence North 60 degrees 29 minutes 12 seconds West for a distance of 1.92 feet to a point; Thence North 64 degrees 52 minutes 01 seconds West for a distance of 36.48 feet to a 1/2" rebar pin found on the Easterly right of way of Peachtree Industrial Boulevard (150' wide right of way);

Thence following along the easterly right of way of Peachtree Industrial Boulevard the following course:

Thence North 29 degrees 09 minutes 11 seconds East for a distance of 339.79 feet to a point;

Thence leaving said Peachtree Industrial Boulevard the following courses:

Thence South 60 degrees 50 minutes 49 seconds East for a distance of 260.41 feet to a 1/2" rebar pin found; Thence South 31 degrees 11 minutes 22 seconds East for a distance of 310.50 feet to a point; Thence along a curve to the left having a radius of 198.28 feet and an arc length of 213.85 feet, being subtended by a chord of North 31 degrees 57 minutes 57 seconds East for a distance of 203.63 feet to a PK nail set; Thence North 58 degrees 57 minutes 56 seconds East for a distance of 132.45 feet to a 1/2" rebar pin set; Thence South 30 degrees 55 minutes 10 seconds East for a distance of 230.63 feet to a point said point being the POINT OF BEGINNING.

Said property contains 8.27 acres more or less.

Georgia Department of Natural Resources

Environmental Protection Division-Land Protection Branch
2 Martin Luther King Jr., Dr., Suite 1054 East, Atlanta, Georgia 30334
(404) 657-8600; Fax (404) 657-0807
Judson H. Turner, Director

February 4, 2016

VIA E-MAIL AND REGULAR MAIL

Rathon Corporation
c/o Mr. Michael J. Glade, P.E.
Vice President
P.O. Box 4030, Suite 400
Golden, Colorado 80401

The Hillshire Brands Company
c/o Mr. Kent B. Magill, Esq.
Executive Vice President
400 South Jefferson Street
Chicago, Illinois 60607

Re: Voluntary Remediation Program Semi-Annual Status Report, August 31, 2015
Former Oxford Chemical Property (Rathon), Sublisted to HSI Site No. 10072
5001 Peachtree Blvd, Chamblee, DeKalb County, Georgia
Tax Parcel 18-278-14-002

Dear Messrs. Glade and Magill:

The Georgia Environmental Protection Division (EPD) has reviewed the Voluntary Remediation Program (VRP) Semi-Annual Status Report for the former Oxford Chemical Site dated August 31, 2015. EPD has considered the conclusions and recommendations of the Report as well as the discussions from the meeting held at EPD offices on September 2, 2015. Our comments are summarized below.

1. The fate and transport model documentation and results for both chlorinated ethenes and chlorinated benzenes is a valid representation of site conditions and potential future conditions related to the plume and downgradient surface water. EPD approves the modeling inputs used as well as the modeling conclusions.

2. Issues with groundwater sampling were again noted. It appears that turbidity was not assessed so could not have been considered for stabilization. It was unclear if pump intake was placed at the mid-point of the screened interval, as per EPA low-flow sampling guidance SESDPROC-301-R3. Please ensure that this and other applicable procedures are uniformly adhered to and accurately reported on sampling logs.

The above listed comments must be addressed to EPD's satisfaction in order to demonstrate compliance with the provisions, purposes, standards and policies of the Act. EPD concurs that all potential exposure pathways have been adequately addressed under the VRP, upon recording of the Environmental Covenant (EC) referred to in the report. As your next progress report, due February 28, 2016, please submit a scheduled for recording the EC and submittal of the VRP CSR. The CSR should include a proposed groundwater monitoring program in accordance with Section 12-8-10 (g)(2) of the Act or a justification for no further monitoring, as the environmental professional. Should you have any additional questions or concerns please contact Robin Futch, P.G. at (404) 657-8686.

Sincerely,

Robin Futch

Robin Futch, P.G.
Acting Unit Coordinator
Response and Remediation Program

c: Leonard J. Diprima, P.G., United Consulting, Inc.
File: 218-0244
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Georgia Department of Natural Resources

Environmental Protection Division-Land Protection Branch
2 Martin Luther King Jr., Dr., Suite 1054 East, Atlanta, Georgia 30334
(404) 657-8600; Fax (404) 657-0807
Judson H. Turner, Director

May 10, 2016

VIA E-MAIL AND REGULAR MAIL

Rathon Corporation
c/o Mr. Michael J. Glade, P.E.
Vice President
P.O. Box 4030, Suite 400
Golden, Colorado 80401

The Hillshire Brands Company
c/o Mr. Kent B. Magill, Esq.
Executive Vice President
400 South Jefferson Street
Chicago, Illinois 60607

Re: Voluntary Remediation Program Semi-Annual Status Report, March 31, 2016
Former Oxford Chemical Property (Rathon), Sublisted to HSI Site No. 10072
5001 Peachtree Blvd, Chamblee, DeKalb County, Georgia
Tax Parcel 18-278-14-002

Dear Messrs. Glade and Magill:

The Georgia Environmental Protection Division (EPD) has reviewed the Voluntary Remediation Program (VRP) Semi-Annual Status Report for the former Oxford Chemical Site dated March 31, 2016. EPD concurs that all potential exposure pathways have been adequately addressed under the VRP, upon recording of the Uniform Environmental Covenant (UEC) referred to in the report. In addition, EPD concurs with the justification for no further monitoring at the site. Please proceed with submittal of the VRP CSR which should include the fully executed Uniform Environmental Covenant (UEC).

Should you have any additional questions or concerns please contact Robin Futch, P.G. at (404) 657-8686.

Sincerely,

Robin Futch

Robin Futch, P.G.
Acting Unit Coordinator
Response and Remediation Program

c: Leonard J. Diprima, P.G., United Consulting, Inc.

File: 218-0244

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APPENDIX B – VARIOUS ENVIRONMENTAL DOCUMENTS

RELEASE NOTIFICATION/REPORTING FORM

FOR OFFICE USE ONLY

HSRP ID _____

HAZARDOUS SITES RESPONSE PROGRAM
GEORGIA ENVIRONMENTAL PROTECTION DIVISION
(Please type or print legibly)

RECEIVED
DEC 30 1994
Environmental Protection Div.
Hazardous Waste Mgmt. Branch

PART I -- PROPERTY INFORMATION

1. The information provided in this form is for:

[X] Initial Release Notification
[ ] Reportable Quantity Release Reporting (See **Question 22** on the back of this form if you check this box.)
[ ] Supplemental Information

2. Which of the following apply to this site? (check all that apply)

[X] Release to groundwater
[X] Release to soil
[ ] Other releases (e.g. discarded or abandoned substances, etc.)

3	EPA I.D. Number (if applicable)	GAD040674582				
4	Site or Facility Name	Former Oxford Chemical Facility				
5	Site Street Address	5001 Peachtree Industrial Boulevard				
6	Site City	Chamblee	County	Dekalb	ZIP	30341
7	Property Owner	Diversey Corp.				
8	Property Owner Mailing Address	12025 Tech Center Drive				
9	Property Owner City	Livonia	State	MI	ZIP	48150
10	Property Owner Telephone No.	(313) 458-5000				
11	Site Contact Person	Paul Wojcik	Title	Former Plant Manager		
12	Company Name	Diversey Corp.				
13	Site Contact Mailing Address	12025 Tech Center Drive				
14	Site Contact City	Livonia	State	MI	ZIP	48150
15	Site Contact Telephone No.					
16	Facility Owner/Operator		Title			
17	Company Name					
18	Facility Owner/Operator Mailing Address					
19	Facility Owner/Operator City		State		ZIP	
20	Facility Owner/Operator Telephone No.					

21. SITE SUMMARY -- Attach a summary (no longer than one page) that gives a general description of the property, the areas affected by the release both within and beyond the property boundaries, and any actions taken to investigate, clean up or otherwise remediate the property. In addition to the one page summary, other information concerning the property may also be attached.

-- OVER --

REQUIRED ATTACHMENT -- Along with this form, you MUST submit an original of a USGS topographical map (1:24000) with the geographic center of the site clearly marked. See the instructions for information on how to obtain an original of the map on which your site is located.	FOR OFFICE USE ONLY Quadrangle Name: _____ Latitude: ____° ____' ____" Longitude: ____° ____' ____"

22. ADDITIONAL INFORMATION FOR REPORTABLE QUANTITY RELEASE REPORTING -- If you checked the box for **Reportable Quantity Release Reporting** in Question 1 on the other side of this form, you must also attach the following information:

A. A description of the property boundaries of this site and adjacent properties, either by legal description, survey plat, tax map, or other means.

B. A **DETAILED** description of the nature and the known or estimated extent of the area contaminated, both within and beyond the site's property boundaries. Drawings or tracings on attached maps may be used.

23. CERTIFICATION -- I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

MARK J. HANEET	VICE PRESIDENT
NAME (Please type or print)	TITLE
Mark J. Haneet	29 December 1994
SIGNATURE	DATE

Release Notification/Reporting Form

Part I - Property Information

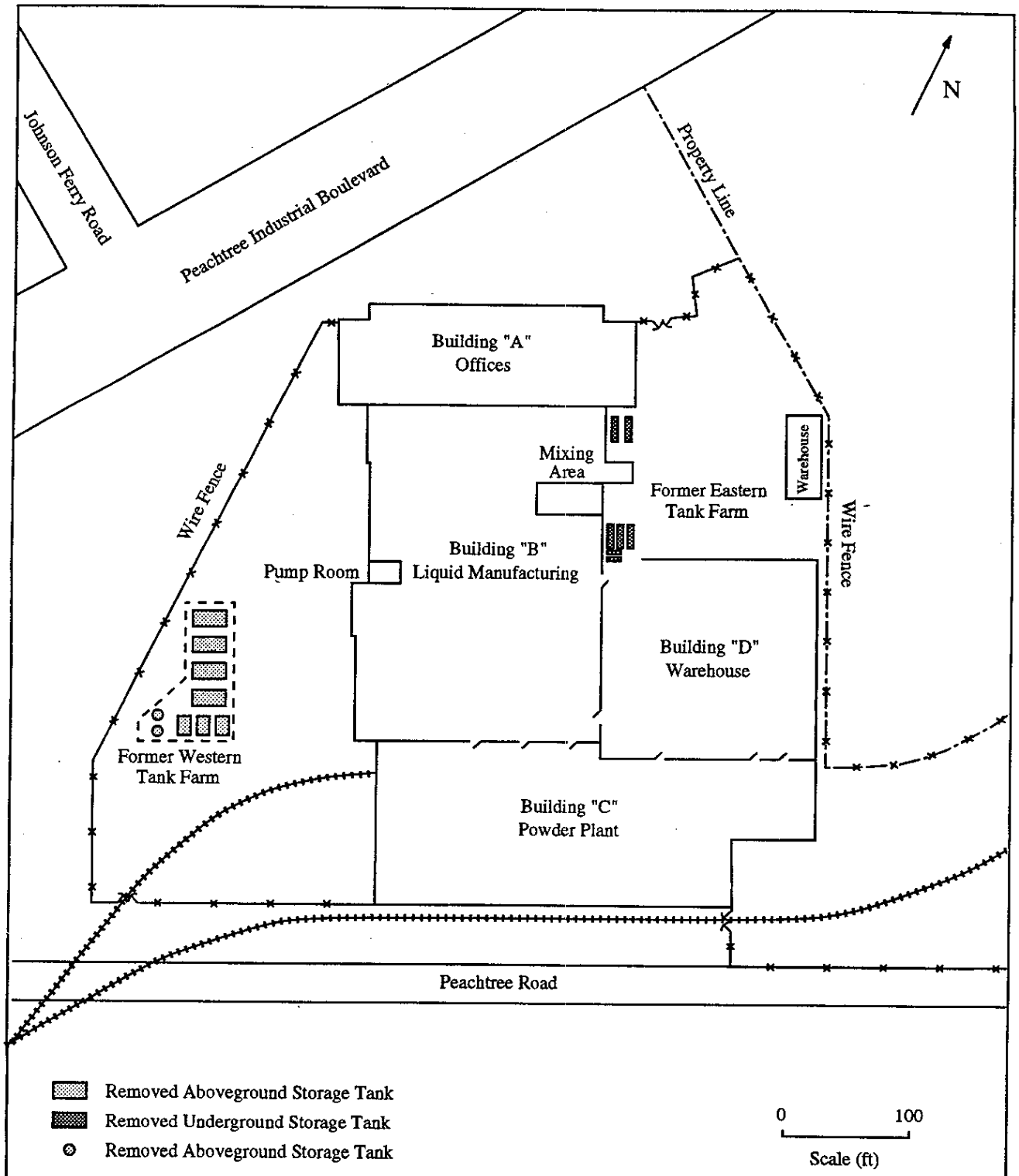
Question 21. Site Summary

The former Oxford Chemical facility is located at 5001 Peachtree Industrial Boulevard in Chamblee, Dekalb County, Georgia (see Figure 1). The facility occupies approximately 9.11 acres of land and is currently vacant. Between January 1992 and January 1993, the plant was fully decommissioned. During its operation, the facility formulated various chemical products ranging from drain cleaners to insecticides. The four buildings at the site comprise approximately 160,000 square feet of floor space and were divided into offices, warehouse, a liquid manufacturing area, a powder area, and a bleach manufacturing area. (Figure 2). The plant building is currently surrounded by a cyclone fence with three locking gates. The facility is bordered to the east by a General Electric transformer repair facility, to the south by several small commercial buildings and an Atlanta rapid transit line, to the west by a nursery and several commercial buildings, and to the north and northwest by Peachtree Industrial Boulevard with a Frito Lay bakery beyond.

At present, work related to the environmental concerns at the site has included a Phase I Environmental Site Assessment, various Soil and Groundwater Investigations (Figures 3 and 4), quarterly groundwater monitoring, a Treatability Study, and a Dual Vapor Extraction Pilot test.

The results of previous investigations at the site indicated the presence of pesticides, volatile organic compounds, semi-volatiles, and heavy metals. Based on the available information, it appears that hazardous constituents have affected the surficial aquifer beneath the western and eastern portions of the site.

In accordance with the Hazardous Site Response Act Chapter 391-3-07, remedial alternatives are currently being evaluated to meet the recently established risk reduction standards. It should be noted that the Georgia Environmental Protection Division was previously notified of environmental conditions at the site in 1988, 1989, and 1991. On January 15, 1991, a preliminary risk assessment and feasibility study report was submitted to the Georgia Department of Natural Resources.



ENVIRONMENTAL STRATEGIES CORP.
11911 Freedom Drive Suite 900
Reston, Virginia 22090
703-709-6500

Figure 2
Site Layout
Former Oxford Facility
Chamblee, Georgia

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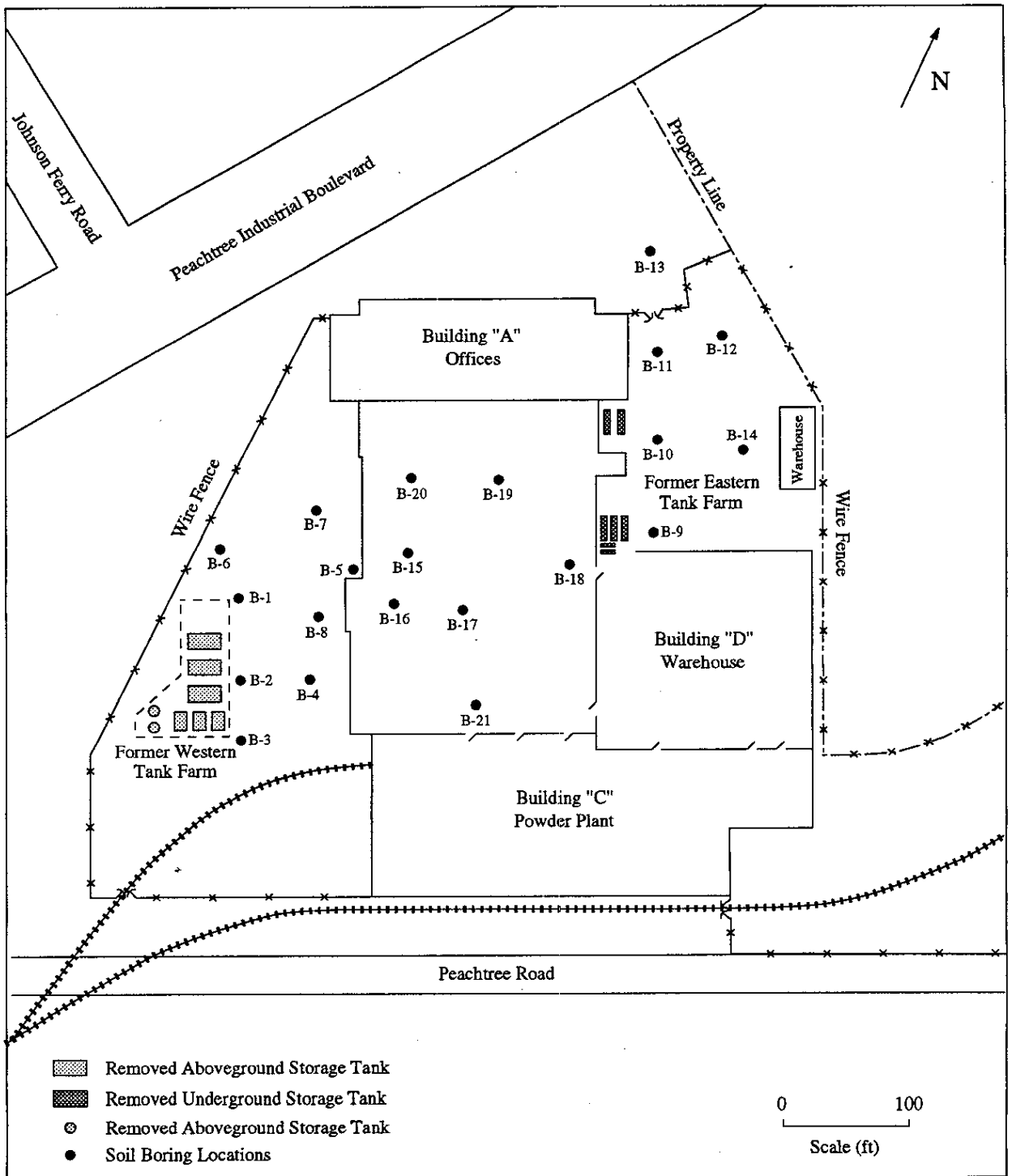
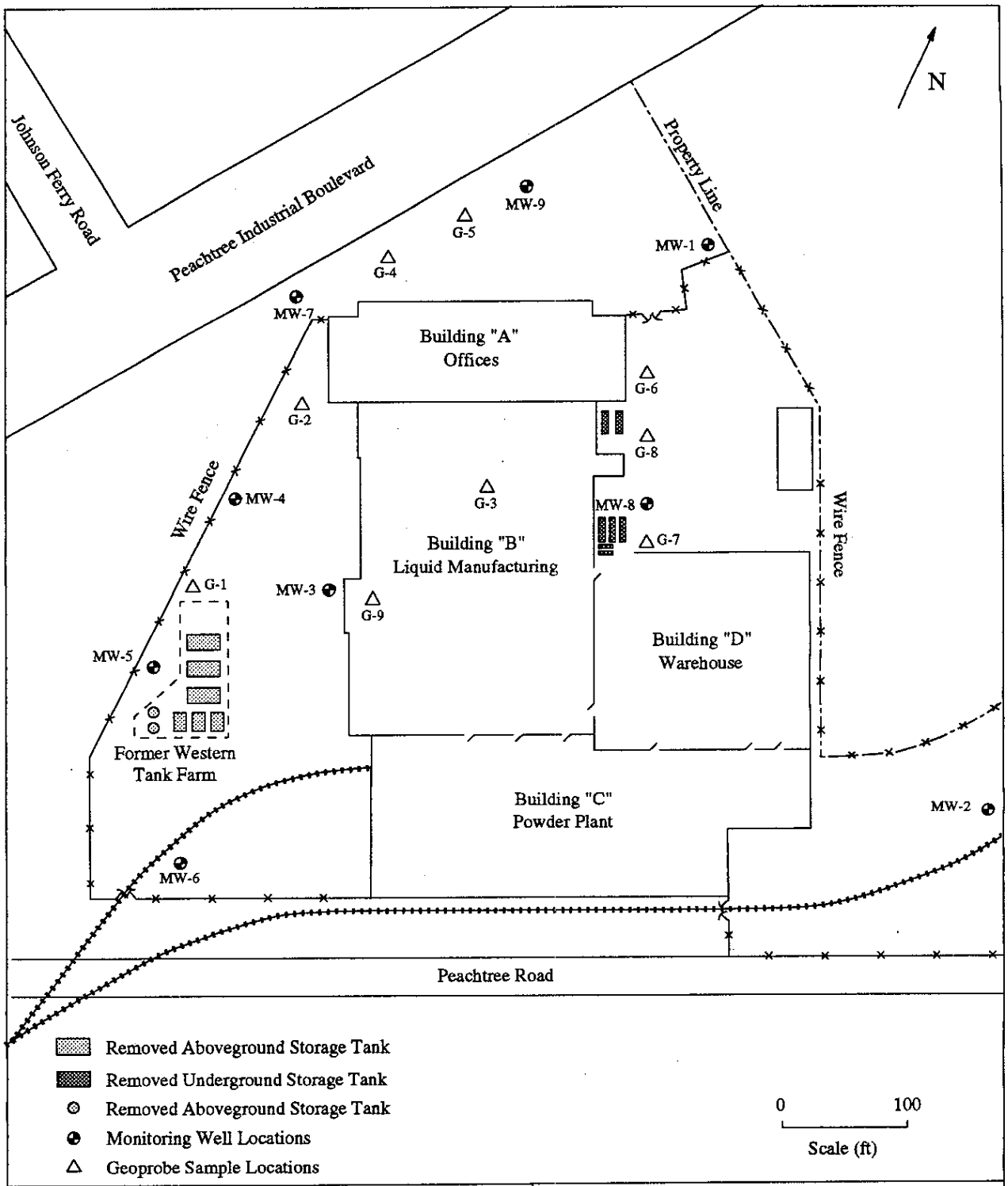


ENVIRONMENTAL STRATEGIES CORP.
11911 Freedom Drive Suite 900
Reston, Virginia 22090
703-709-6500

Figure 3
Soil Boring Locations
Former Oxford Facility
Chamblee, Georgia

I:\LOTUS\SOILB.A2



ENVIRONMENTAL STRATEGIES CORP.
11911 Freedom Drive Suite 900
Reston, Virginia 22090
703-709-6500

Figure 4
Groundwater Sample Locations
Former Oxford Facility
Chamblee, Georgia

I:\LOTUS\BASEGW2

1168

8211

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Acetone

2. CAS Number (see instructions): 67641

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 4.1 mg/kg In Groundwater 140 mg/kg

6. Surface Area of soil affected by this release: Approximately 18,000 S.F.

7. Depth of this release in soil (max./min.): 14 feet - 6 feet

8. Source of this release (i.e. drums, tanks, etc.): Degradation of isopropyl alcohol

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt of asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Benzene

2. CAS Number (see instructions): 71432

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 220 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks underground process lines and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Benzoic acid

2. CAS Number (see instructions): 65850

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 1,200 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 2-Butanone

2. CAS Number (see instructions): 78933

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 15 mg/kg In Groundwater ND

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): 15 feet to 2 feet

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] - From phone call w/ J. Cliff 2/8/95 JJB
- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [x] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

#29776

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Carbon disulfide

2. CAS Number (see instructions): 75150

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 2 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Chloroethane

2. CAS Number (see instructions): 75003

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 16 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Chloroform

2. CAS Number (see instructions): 67663

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 1400 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 1,4-Dichlorobenzene

2. CAS Number (see instructions): 106467

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 63,000 µg/kg In Groundwater 630 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks, underground process lines and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

#29776

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 1,2-Dichlorobenzene

2. CAS Number (see instructions): 95501

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 28,000 µg/kg In Groundwater 4,000 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks, underground process lines and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

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PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 1,3-Dichlorobenzene

2. CAS Number (see instructions): 541731

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 35,000 µg/kg In Groundwater 200 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks, underground process lines and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 1,2-Dichloroethane

2. CAS Number (see instructions): 107062

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 26 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 1,1-Dichloroethane

2. CAS Number (see instructions): 75343

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 410 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 1,1-Dichloroethene

2. CAS Number (see instructions): 75354

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 240 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Ethylbenzene

2. CAS Number (see instructions): 100414

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 560 µg/kg In Groundwater 180 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

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PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Methylene chloride

2. CAS Number (see instructions): 75092

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 5,600 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 4-Methyl-2-pentanone

2. CAS Number (see instructions): 108101

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 4,400 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 4-Methylphenol

2. CAS Number (see instructions): 106445

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 1,400 µg/kg In Groundwater 1,300 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Naphthalene

2. CAS Number (see instructions): 91203

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [ ] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) _____

5. Highest Known Concentration (specify units): In Soil 160,000 µg/kg In Groundwater 4,700 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks, underground process lines and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [X] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [X] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [X] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [X] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [X] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Phenol

2. CAS Number (see instructions): 108952

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 3,200 µg/kg In Groundwater 1,400 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Toluene

2. CAS Number (see instructions): 108883

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 200 mg/kg In Groundwater 95 mg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): 15 feet/1 foot

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks, underground product lines and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Tetrachloroethene

2. CAS Number (see instructions): 127184

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 55 mg/kg In Groundwater 1.7 mg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): 10 feet to 8 feet

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 1,2,4 Trichlorobenzene

2. CAS Number (see instructions): 120821

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 18 mg/kg In Groundwater 4.1 mg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): 10 feet/8 feet (one sample)

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks, underground process lines and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 1,1,1-Trichloroethane

2. CAS Number (see instructions): 71556

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 1,000 µg/kg In Groundwater 170 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Trichloroethene

2. CAS Number (see instructions): 79016

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 3.0 mg/kg In Groundwater 11.0 mg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): 15 feet - 8 feet

8. Source of this release (i.e. drums, tanks, etc.): Possibly tanks and sewers

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Vinyl chloride

2. CAS Number (see instructions): 75014

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 3.0 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

#29776

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Xylene (total)

2. CAS Number (see instructions): 9330207

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 8,700 µg/kg In Groundwater 1,200 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Unknown Hexachlorobutadiene

2. CAS Number (see instructions): 87683

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [ ] Liquid/gas/sludge
- [x] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 61 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Bis(2-ethylhexyl)phthalate

2. CAS Number (see instructions): 117817

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [ ] Liquid/gas/sludge
- [x] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 2,800 µg/kg In Groundwater 1,200 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Alpha-BHC

2. CAS Number (see instructions): 319846

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 42 µg/kg In Groundwater 0.66 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Beta-BHC

2. CAS Number (see instructions): 319857

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 0.71 µg/kg In Groundwater 0.18 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Aldrin

2. CAS Number (see instructions): 309002

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 0.14 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 4,4-DDD

2. CAS Number (see instructions): 72548

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 17,000 µg/kg In Groundwater 94.21 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 4,4-DDE

2. CAS Number (see instructions): 72559

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 2,300 µg/kg In Groundwater 14.0 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

#29780

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): 4,4-DDT

2. CAS Number (see instructions): 50293

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil 8,300 µg/kg In Groundwater 260 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Endrin aldehyde

2. CAS Number (see instructions): 7421934

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil ND In Groundwater 0.090 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Arsenic

2. CAS Number (see instructions): 7440382

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil NT In Groundwater 35 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Lindane (gamma-BHC)

2. CAS Number (see instructions): 58899

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil NT In Groundwater 0.070 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

#29780

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Barium

2. CAS Number (see instructions): 7440393

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil NT In Groundwater 1,040 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Beryllium

2. CAS Number (see instructions): 7440417

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil NT In Groundwater 260 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

#29780

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Cadmium

2. CAS Number (see instructions): 7440439

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil NT In Groundwater 2.5 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

PART II -- RELEASE INFORMATION

Please provide the following for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Chromium

2. CAS Number (see instructions): 7440473

3. Physical State:

- [ ] Solid
- [ ] Powder/Ash
- [x] Liquid/gas/sludge
- [ ] Unknown

4. Quantity of regulated substance released (lbs., cu., yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil NT In Groundwater 40.4 µg/l

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): Unknown

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

- [x] Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- [ ] Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- [ ] Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

- [ ] Less than 0.5 miles
- [ ] 0.5 to 1 mile
- [ ] 1 to 2 miles
- [ ] 2 to 3 miles
- [x] Greater than 3 miles
- [ ] Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

- [x] Less than 300 feet
- [ ] 301 to 1000 feet
- [ ] 1001 to 3000 feet
- [ ] 3001 to 5280 feet
- [ ] Greater than 1 mile
- [ ] Unknown

13. Has a human been exposed to this release?

- [ ] Yes
- [ ] Suspected
- [ ] No
- [x] Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? 6" asphalt

15. For soil releases, what is the type of material covering this release?

- [x] A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- [ ] An engineered and maintained earthen material or compacted fill of a high density synthetic material
- [ ] Loose earthen fill or native soil
- [ ] No cover
- [ ] Other _____

1169

P211

Diversey

Diversey Corp.
12025 Tech Center Dr
Livonia MI 48150-2122

Tel 313 458 5000
Fax 313 458 2586

RECEIVED
DEC 30 1994
Environmental Protection Div.
Hazardous Waste Mgmt. Branch

OFFICE OF THE GENERAL COUNSEL
Mark J. Hanket, Esq.
Vice President, Secretary and General Counsel
David E. Barr, Esq.
Assistant General Counsel
David J. Yodhes, Esq.
Assistant General Counsel

Writer's Direct Dial Number:

(313) 458-3705

VIA AIRBORNE

December 29, 1994

Hazardous Site Response Program
Georgia Environmental Protection Division
Floyd Tower East, Suite 1154
205 Butler Street, SE
Atlanta, Georgia 30334

Re: Release Notification, Former Oxford Chemical Facility, Chamblee, DeKalb County, Georgia

Dear Sir/Madame:

Please find enclosed the subject Release Notification.

Questions concerning the data contained in the Release Notification should be directed to:

Mr. Joseph Califf, P.E., Ph.D.
Environmental Strategies Corporation
11911 Freedom Drive, Suite 900
Reston, Virginia 22090
(703) 709-6500

Sincerely,

Mark J. Hanket

Mark J. Hanket

Encl.

cc: J. Califf

Georgia Department of Natural Resources
205 Butler Street, S.E., Suite 1158, Atlanta, Georgia 30334
Joe D. Tanner, Commissioner
Environmental Protection Division
Harold F. Reheis, Director
404/657-8600

FILE COPY

March 16, 1995

Mr. Paul Wojcik
Diversey Corporation
12025 Tech Center Drive
Livonia, Michigan 48150

RE: HSRA notification
Former Oxford Chemical Facility

Dear Mr. Wojcik:

Pursuant to the Rules for Hazardous Site Response, specifically Rule 391-3-19-.05(1) "Listing on the Hazardous Site Inventory," the Environmental Protection Division (EPD) has evaluated the above referenced site to determine whether a release exceeding a reportable quantity has occurred. Based upon the information available to EPD at the time this evaluation was done, including your notification dated December 29, 1994, EPD has no reason to believe that a release exceeding a reportable quantity has occurred at this site. Therefore, this site will not be listed on the Hazardous Site Inventory.

If you become aware of information not provided in the notification that would significantly alter EPD's determination concerning conditions at the site, please provide that updated information to EPD. If this new information indicates that the site has had a release exceeding a reportable quantity, EPD will notify you in writing.

If you have any questions, please call Jim Brown of EPD's Hazardous Sites Response Program at (404) 657-8600.

Sincerely,

Tim Cash
Program Manager
Hazardous Sites Response Program

File: Dekalb County, Former Oxford Chemical Facility

R:\BROWN\VARIOUS\Oxchm_No.hsi

To : Tim Cash

From : Jim Brown

Through: Alex Cleary

NON HSI RECOMMENDATION SUMMARY

Former Oxford Chemical Facility

The Former Oxford Chemical Facility is located at the intersection of Johnson Ferry Road and Peachtree Industrial Boulevard in Chamblee, Dekalb County, Georgia. The facility is a former chemical manufacturing facility that has been closed since 1993. While in operation, the facility manufactured various chemicals ranging from pesticides to drain cleaners. A notification was sent in for this site detailing the results of environmental sampling at the site.

Environmental sampling was performed in association with the facility closure. In the course of this work numerous contaminants were detected in the groundwater and subsurface soils underlying the facility; however the site does not score above the RQSM threshold for either pathway (8.1 ground water/ 19.3 on-site exposure). The nearest ground water user is over 3 miles away, the portion of the site where there is soil contamination is covered with concrete, and the part of the site not covered with concrete is inaccessible. Jay Pease and I visited the site on 3/9/95 to collect samples from the surface soils around the site tank farm, but were unable to get access to this portion of the site.

The facility is currently conducting quarterly groundwater monitoring and "remedial alternatives are currently being evaluated [by the facility] to meet the recently established risk reduction standards" (from the facility notification).

This site is not recommended for listing on the Hazardous Sites Inventory.

R:\brown\various\col_sqr.MEM

HAZARDOUS WASTE MANAGEMENT BRANCH
INTERNAL FILE SURVEY FOR HSRA

NON - HSI

REPORTABLE QUANTITIES SCREENING METHOD

EPA I.D. Number (if applicable)	GAD040674582				
Site or Facility Name	Former Oxford Chemical Facility				
Site Street Address	5001 Peachtree Ind. Blvd.				
Site City	Chamblee	County	Dekalb	ZIP	3034

SCORED BY: Jim Brown DATE: 1/13/95

GROUND WATER PATHWAY SCORE (8.1) GROUND WATER PATHWAY THRESHOLD: 10.0

ON-SITE PATHWAY SCORE (19.3) ON-SITE PATHWAY THRESHOLD: 20.0

LAT [illegible]

LONG [illegible] (84.3153

IF THE SITE SCORES ABOVE THE THRESHOLD ON EITHER PATHWAY, PROVIDING THE FOLLOWING INFORMATION. ALSO FILL THE "LIST OF OTHER REGULATED SUBSTANCES AT THE SITE" ON PAGE A-2.

Property Owner	Diversey Corp.				
Property Owner Mailing Address	12025 Tech Center Drive				
Property Owner City	Livonia	State	MI	ZIP	48150
Property Owner Telephone No.	(313) 458-5000				
Site Contact Person	Mr. Joseph Califf	Title			
Company Name	Env. Strategies Corp.				
Site Contact Mailing Address	11911 Freedom Drive, Suite 900				
Site Contact City	Reston	State	VA	ZIP	22090
Site Contact Telephone No.	(703) 709-6500				
Facility Owner/Operator	Paul Wojcik	Title	Former Plant Manager		
Company Name	Diversey Corp.				
Facility Owner/Operator Mailing Address	* same as above				
Facility Owner/Operator City		State		ZIP	
Facility Owner/Operator Telephone No.					

CLEANUP HISTORY:

[ ] No cleanup has been initiated at this site
[X] Some kind of cleanup is under way
[ ] Cleanup has been completed

SITE LOCATION:

Attach an 8 1/2" by 11" xerox copy of the part of 1:24000 USGS quad sheet that this site appears on, with the site's location clearly marked. Make sure you label the copy with the full name of the quadrangle.

LIST OF OTHER REGULATED SUBSTANCES AT THE SITE

Don't fill out this form unless the site is going on the HSI. Don't list the regulated substance(s) used for RQSM scoring, only the rest c the regulated substances from appendix I that are present at the site. For the "Present in Groundwater" and "Present in Soil" columns, check mark is sufficient -- you don't need to provide quantities and units.

CAS NO.	REGULATED SUBSTANCE	PRESENT IN GROUNDWATER	PRESENT IN SOIL

GROUND WATER

A. HAS A RELEASE TO GROUND WATER OCCURRED?

Known	Suspected	Potential Future
(45)	(10)	(5)

If A=45, then go to D

B. ROUTE CHARACTERISTICS

1b. Susceptibility Rating:

Higher	Average	Lower
(6)	(3)	(0)

2b. Physical State:

Stable Solid	Unstable Solid	Powder, Ash	Liquid, Gas, Sludge
(0)	(1)	(2)	(3)

C. CONTAINMENT

Very Good	Good	Fair	Poor
(0)	(1)	(2)	(3)

D. RELEASE CHARACTERISTICS

1d. Regulated Substance: Vinyl Chloride

2d. Toxicity: None (0) Low (1) (2) (4) (8) (16) High

3d. Quantity (include amount and units): Unknown

Threshold (1) (2) (3) (4) (5) (6) (7) (8) Very Large

E. TARGETS

1e. Exposure to ground water release:

MCL 2 ppb
notify 3 ppb

Known release ≥ MCL, and known human exposure ≥ MCL .... (25)
Known release ≥ MCL, and suspected human exposure ..... (20)
Known release, no MCL exists, and known human exposure .... (18)
Known release ≥ MCL, and known human exposure < MCL .... (15)
Known release, no MCL exists, and suspected human exposure .. (12)
Suspected release and human exposure suspected ..... (8)
Known release ≥ MCL, but no human exposure suspected ..... (4)
Known release, no MCL exists, and no human exposure suspected . (3)
Suspected release but no human exposure suspected ..... (2)
Potential future release ..... (1)
Known release less than MCL ..... (0)

(only one choice allowed)

2e. Distance to well or spring (miles)

< 1/2	1/2 to 1	1 to 2	2 to 3	≥ 3
(16)	(9)	(4)	(1)	(0)

Taken from GE HSI (#10072) which is next door.

THE GROUND WATER PATHWAY SCORE (S_{gw}) IS CALCULATED AS FOLLOWS:

45 20 4

$$S_{gw} = M \times (2d + 3d) \times (1e + 2e) / 442.8$$

where: $M = A + ((1b + 2b) \times C)$

If A = 45 then M = 45

If 2d is unknown, then 2d = 4
If 3d is unknown, then 3d = 4

If 1e includes known or suspected human exposure, 2e = 16
If 1e = 0 then 2e = 1

Note: The denominator of 442.8 normalizes the ground water score to a value between 0 and 100.

$S_{GW} = 8.1$

A. ACCESS TO SITE: Inaccessible (0) | Limited Access (2) | Unlimited Access (4)

Not a complete fence in area of release

B. HAS THERE BEEN A RELEASE? Yes (25) | Suspected (15) | No (0)

C. CONTAINMENT

	Very Good					Poor
Soil Releases:	(0)	(1)	(2)	(3)	(4)	(5)
or						
Aboveground releases:	(0)	(1)	(2)	(3)		

D. RELEASE CHARACTERISTICS

1d. Regulated Substance: DDT

2d. Toxicity: None (0) Low (1) (2) (4) (8) (16) High

3d. Quantity (include amount and units): Unknown

Threshold (1) (2) (3) (4) (5) (6) (7) (8) Very Large

E. TARGETS

1e. Distance (feet) to nearest resident individual: <300 (8) | 301 to 1000 (6) | 1001 to 3000 (4) | 3001 to 5280 (2) | >1 mile (1)

2e. Is there an on-site sensitive environment? Yes (1) | No (0)

THE ON-SITE PATHWAY SCORE (S_o) IS CALCULATED AS FOLLOWS:

$$S_o = \overset{2}{A} \times (\overset{26}{B + C}) \times (\overset{12}{2d + 3d}) \times (\overset{8}{1e + 2e})/259.2$$

If A or B = 0, then S_o = 0

If 2d is unknown, then 2d = 4
If 3d is unknown, then 3d = 4

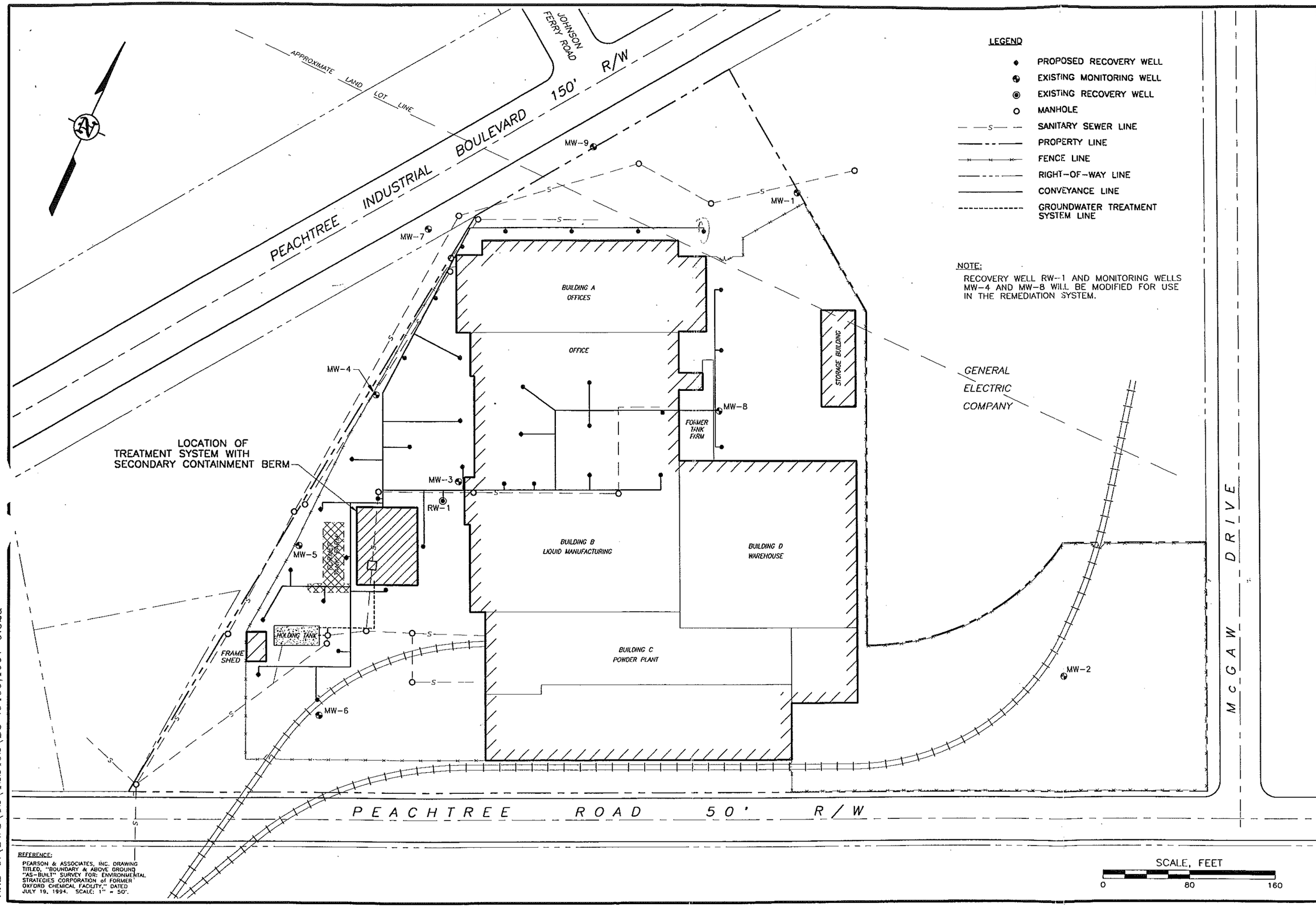
Note: The denominator of 259.2 normalizes the score to a value between 0 and 100.

$S_o = 19.3$

1170

0511

APPENDIX C – HISTORICAL FIGURES & TABLES



Drawn By: RAZ
Checked:
Approved:
Drawing Number: 122492-B3

FORMER OXFORD CHEMICAL FACILITY
CHAMBLEE, GEORGIA
PREPARED FOR
RATHON

Figure 4
SITE LAYOUT

ENVIRONMENTAL STRATEGIES CORPORATION
Four Penn Center West, Suite 315
Pittsburgh, Pennsylvania 15276
(412) 787-5100

RAZ C:\DWG\12\122492\B3 :0409,1997 9:52a

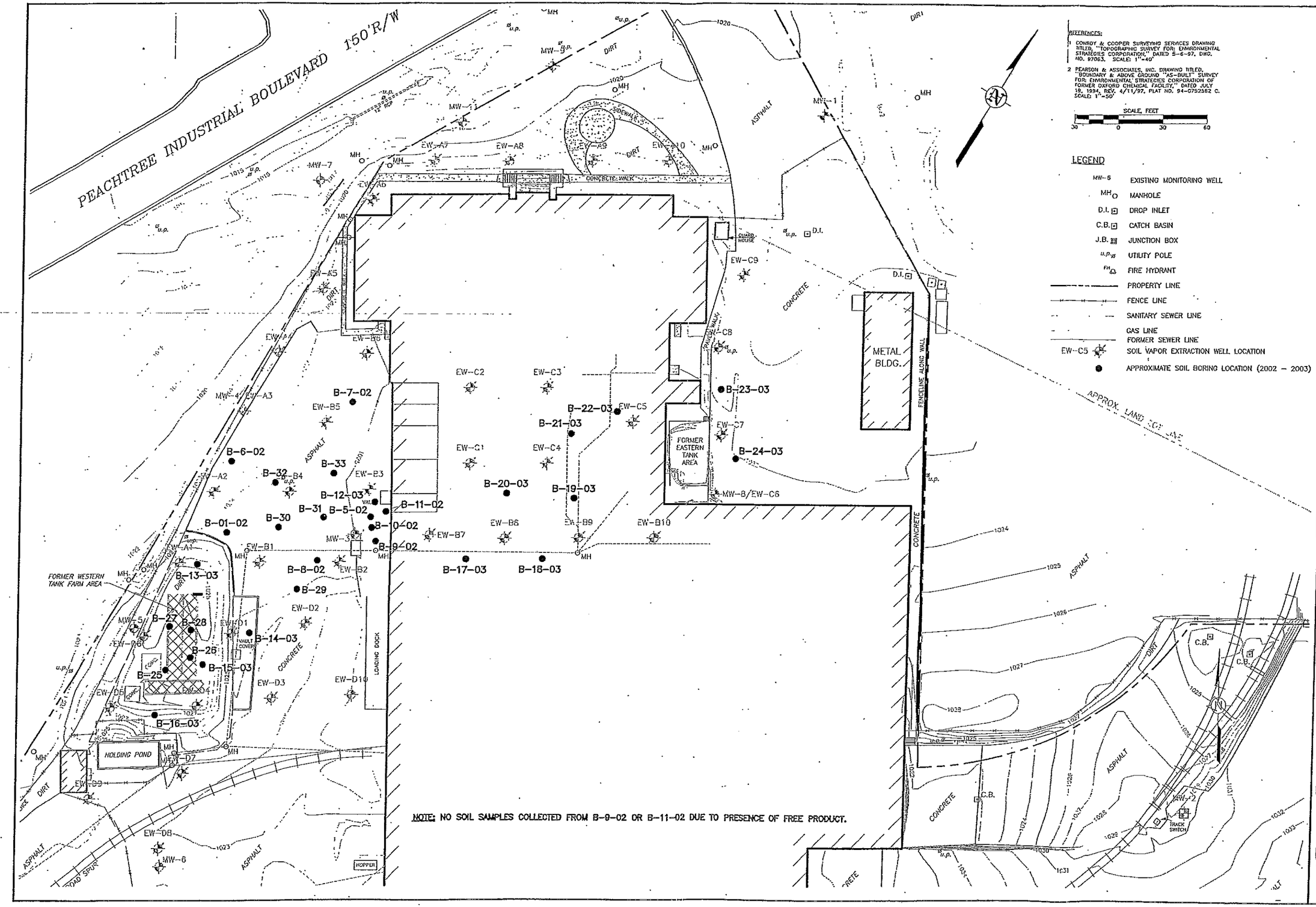
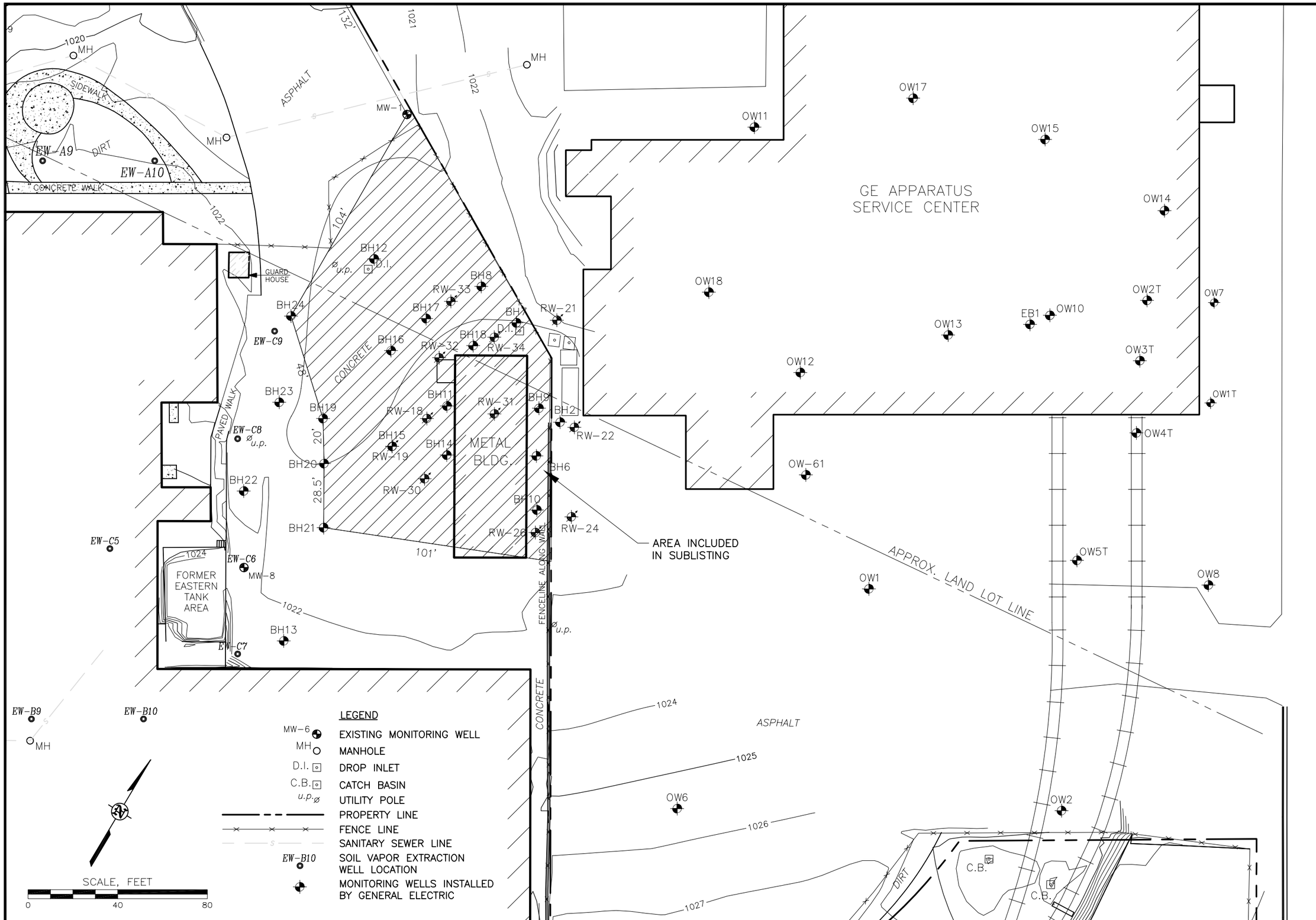


Figure 7
Soil Sample Locations, 2002-2003
Rathon
Chamblee, Georgia

12249229.DWG

ENVIRONMENTAL STRATEGIES CORPORATION
11911 FREEDOM DRIVE, SUITE 900
RESTON, VIRGINIA 20190
(703) 709-6500



Drawn By: EGC
Checked:
Approved:
DWG Name: 12249269

RATHON CORP
CHAMBLEE, GEORGIA
PREPARED FOR
RATHON CORP

Figure 6

SUBLISTED AREA UNDER HSI 10072

ENVIRONMENTAL STRATEGIES CONSULTING LLC
11911 FREEDOM DRIVE SUITE 900
RESTON, VIRGINIA 20190
(703) 709-6500

Table 1

Soil Analytical Results - September 2013

W&C 9/2013 Soil Samples						Wastewater Sewer Area																					
Location	Type 1	Non-Residential RRS				WCB-45	WCB-45	WCB-46	WCB-46	WCV-71	WCV-71	WCV-72	WCV-72	WCV-73	WCV-73	WCV-74	WCV-74	WCV-75	WCV-75	WCV-76	WCV-76	WCV-77	WCV-77	WCV-78	WCV-78	WCV-79	WCV-79
Depth (feet bgs)	RRS	SS Soil (0-2')		SB Soil (>2')		2-4'	4-6'	2-4'	4-6'	2-4'	6-8'	2-4'	6-8'	2-4'	6-8'	2-4'	6-7'	2-4'	6-8'	2-4'	6-8'	2-4'	6-8'	2-4'	6-8'	2-4'	6-8'
Constituent / Date Sampled	(ug/kg)	RRS	RRS Type	RRS	RRS Type	9/11/13	9/11/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13	9/6/13
Volatiles-ug/kg																											
1,1,1,2-Tetrachloroethane	7,000	7,000	Type 3	7,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,1,1-Trichloroethane	20,000	253,000	Type 4	253,000	Type 4	5.8	3.5 U	3.4 U	3.6 U	27	6.8	29	76	91	4.4 U	3.5 U	4.6 U	3.5 U	7.5	7000	28000	360 U	3.7 U	21	17	3.7 U	9.3
1,1,2,2-Tetrachloroethane	130	130	Type 3	130	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,1,2-Trichloroethane	500	500	Type 3	500	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,1-Dichloroethane	400,000	400,000	Type 3	400,000	Type 3	7.3	3.5 U	3.4 U	3.6 U	7.9	5.1	12	41	4.9 U	4.4 U	3.5 U	9.9	3.5 U	4.2 U	1700	730	360 U	3.7 U	3.9	3.6	3.7 U	4.1 U
1,1-Dichloroethene	700	700	Type 3	700	Type 3	3.5	3.5 U	3.4 U	3.6 U	5.8	5.8	27	39	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	380	810	360 U	3.7 U	6.8	3.6 U	3.7 U	4.1 U
1,2,3-Trichloropropane	498	1,190	Type 3	4,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,2,4-Trichlorobenzene	10,800	10,800	Type 3	10,800	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	26	8.3	4.8	1000	3700	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,2-Dibromo-3-Chloropropane	20	20	Type 3	20	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,2-Dichlorobenzene	60,000	60,000	Type 3	60,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	18	4.9 U	4.4 U	3.5 U	10	3.5 U	4.2 U	20000	1500	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,2-Dichloroethane	500	500	Type 3	500	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	16	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	4.3	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,2-Dichloropropane	500	500	Type 3	500	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,3-Dichlorobenzene	60,000	60,000	Type 3	60,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	11	450	3.5 U	4.6 U	3.5 U	4.2 U	2300	3000	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
1,4-Dichlorobenzene	7,500	7,500	Type 3	7,500	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	11	100	3.5 U	4.6 U	3.5 U	4.2 U	2600	3200	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
2-Butanone	200,000	200,000	Type 3	200,000	Type 3	33 U	35 U	34 U	36 U	28 U	30 U	34 U	37 U	49 U	50	35 U	46 U	35 U	42 U	3600 U	38 U	3600 U	37 U	32 U	36 U	37 U	41 U
4-Methyl-2-pentanone	200,000	200,000	Type 3	200,000	Type 3	6.7 U	7.0 U	6.7 U	7.1 U	5.7 U	6 U	6.9 U	7.4 U	9.8 U	8.8 U	7.1 U	9.1 U	6.9 U	8.4 U	720 U	7.7 U	710 U	7.4 U	6.5 U	7.3 U	7.4 U	8.1 U
Acetone	400,000	400,000	Type 3	400,000	Type 3	67 U	70 U	67 U	71 U	96	60 U	80	74 U	98 U	440	71 U	91 U	69 U	84 U	7200 U	270	7100 U	130	65 U	73 U	74 U	81 U
Benzene	500	500	Type 3	500	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
Bromoform	10,000	10,000	Type 3	10,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
Carbon disulfide	400,000	400,000	Type 3	400,000	Type 3	6.7 U	7.0 U	6.7 U	7.1 U	5.7 U	6 U	6.9 U	7.4 U	9.8 U	8.8 U	7.1 U	9.1 U	6.9 U	8.4 U	720 U	7.7 U	710 U	7.4 U	6.5 U	7.3 U	7.4 U	8.1 U
Chlorobenzene	10,000	10,000	Type 3	10,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	4.9	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
Chloroethane	170	497,000	Type 4	497,000	Type 4	6.7 U	7.0 U	6.7 U	7.1 U	5.7 U	6 U	6.9 U	7.4 U	9.8 U	8.8 U	7.1 U	9.1 U	6.9 U	8.4 U	720 U	7.7 U	710 U	7.4 U	6.5 U	7.3 U	7.4 U	8.1 U
cis-1,2-Dichloroethene	7,000	7,000	Type 3	7,000	Type 3	12	7.4	3.4 U	3.6 U	8.9	200	11	21	21	380	15	38	3.5 U	4.2 U	13000	2300	360 U	6	4.7	8.6	3.7 U	4.1 U
Cyclohexane	20,000	1,093,000	Type 4	1,093,000	Type 4	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
Dichlorodifluoromethane	23,300	30,800	Type 4	100,000	Type 3	6.7 U	7.0 U	6.7 U	7.1 U	5.7 U	6 U	6.9 U	7.4 U	9.8 U	8.8 U	7.1 U	9.1 U	6.9 U	8.4 U	720 U	7.7 U	710 U	7.4 U	6.5 U	7.3 U	7.4 U	8.1 U
Ethylbenzene	70,000	70,000	Type 3	70,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	13	3.5 U	4.6 U	3.5 U	4.2 U	360 U	78	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
Isopropylbenzene	21,900	85,500	Type 4	85,500	Type 4	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.7	3.5 U	4.6 U	3.5 U	4.2 U	360 U	24	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
Methylene chloride	500	2,800	Type 4	2,800	Type 4	13 U	14 U	13 U	14 U	11 U	12 U	14 U	60	20 U	18 U	14 U	18 U	14 U	17 U	1400 U	600	1400 U	15 U	13 U	15 U	15 U	16 U
Styrene	14,000	135,000	Type 4	135,000	Type 4	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.4 U	3.5 U	4.6 U	3.5 U	4.2 U	360 U	3.8 U	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
Tetrachloroethene (PCE)	500	500	Type 3	500	Type 3	18	4.5	7.3	3.6 U	10000	3600	220	350	1400	12	11	19	4.3	6.7	26000	110000	21000	21	26	11	3.9	6.5
Toluene	100,000	100,000	Type 3	100,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	3.3	3 U	3.4 U	4.2	4.9 U	4.8	3.5 U	4.6 U	3.5 U	4.2 U	360 U	68	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
trans-1,2-Dichloroethene	10,000	10,000	Type 3	10,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	3.7 U	4.9 U	4.5	3.5 U	4.6 U	3.5 U	4.2 U	360 U	9.7	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
Trichloroethene (TCE)	500	500	Type 3	500	Type 3	13	4.3	4.3	3.6 U	220	81	67	170	89	100	4.8	10	23	87	25000	12000	360 U	3.7 U	11	4.6	3.7 U	4.3
Vinyl Chloride	200	200	Type 3	200	Type 3	6.7 U	7.0 U	6.7 U	7.1 U	5.7 U	12	6.9 U	7.4 U	9.8 U	8.8 U	7.1 U	9.1 U	6.9 U	8.4 U	720 U	7.7 U	710 U	7.4 U	6.5 U	7.3 U	7.4 U	8.1 U
Xylene (total)	1,000,000	1,000,000	Type 3	1,000,000	Type 3	3.3 U	3.5 U	3.4 U	3.6 U	2.8 U	3 U	3.4 U	8.4	4.9 U	63	3.5 U	4.6 U	3.5 U	4.2 U	2300	370	360 U	3.7 U	3.2 U	3.6 U	3.7 U	4.1 U
Semivolatiles- ug/kg																											
2,4,5-Trichlorophenol	400,000	767,000	Type 4	767,000	Type 4																						
2,4,6-Trichlorophenol	3,000	4,560	Type 4	4,560	Type 4																						
2,4-Dichlorophenol	2,000	7,260	Type 4	7,260	Type 4																						
2,4-Dimethylphenol	70,000	70,000	Type 3	70,000	Type 3																						
2,4-Dinitrophenol	7,000	7,000	Type 3	7,000	Type 3																						
2-Methylphenol	3,800	42,100	Type 4	42,100	Type 4																						
4-Methylphenol	3,800	55,600	Type 4	55,600	Type 4																						
Acenaphthene	300,000	1,258,000	Type 4	1,258,000	Type 4																						
Acenaphthylene	130,000	130,000	Type 3	100,000,000	Type 4																						
Anthracene	500,000	20,187,000	Type 4	20,187,000	Type 4																						
Benzo(a)anthracene	5,000	10,100	Type 4	10,100	Type 4																						
Benzo(a)pyrene	1,640	4,700	Type 4	4,700	Type 4																						
Benzo(b)fluoranthene	5,000	5,000	Type 3	5,000	Type 3																						
Benzo(g,h,i)perylene	500,000	500,000	Type 3	100,000,000	Type 4																						
Benzo(k)fluoranthene	5,000	49,600	Type 4	49,600	Type 4																						
bis(2-Chloroisopropyl)ether	171,000	171,000	Type 3	171,000	Type 3																						
bis(2-Ethyllhexyl)phthalate	50,000	326,000	Type 4	326,000	Type 4																						
Chrysene	5,000	152,000	Type 4	152,000	Type 4																						
Dibenz(a,h)anthracene	2,050	7,840	Type 4	22,900	Type 4																						
Di-n-butylphthalate	400,000	514,000	Type 4	514,000	Type 4																						
Di-n-octyl phthalate	70,000	20,440,000	Type 4	100,000,000	Type 4																						
Fluoranthene	500,000	9,084,000	Type 4	9,084,000	Type 4																						
Fluorene	360,000	1,514,000	Type 4	1,514,000	Type 4																						
Indeno(1,2,3-cd)pyrene	5,000	78,400	Type 4	111,000	Type 4																						
Naphthalene	100,000	100,000	Type 3	100,000	Type 3																						
N-Nitrosodiphenylamine	6,460	8,880	Type 4	8,880	Type 4																						
Pentachlorophenol (PCP)	3,300	3,300	Type 3	3,300	Type 3																						
Phenanthrene	110,000	110,000	Type 3	100,000,000	Type 4																						
Phenol	400,000	400,000	Type 3	400,000	Type 3																						
Pyrene	500,000	6,677,000	Type 4	6,677,000	Type 4																						
Pesticides - mg/kg																											
4,4' -DDD	0.660	12.9	Type 4	12.9	Type 4																						
4,4' -DDE	0.660	9.15	Type 4	9.15	Type 4																						
4,4' -DDT	0.660	13.1	Type 4	13.1	Type 4																						
Aldrin	0.660	0.66	Type 3	0.66	Type 3																						
alpha-BHC	0.660	0.66	Type 3	0.66	Type 3																						
beta-BHC	0.660	0.66	Type 3	0.66	Type 3																						
Chlordane	9.20	9.2	Type 3	9.2	Type 3																						
delta-BHC	25.0	25.0	Type 3	100,000	Type 4																						
Dieldrin	0.660	0.66	Type 3	0.66	Type 3																						
Endosulfan I	10.0	10	Type 3	10	Type 3																						
Endosulfan II	10.0	10	Type 3	10	Type 3																						
Endosulfan sulfate	1.65	1.65	Type 3	100,000	Type 4																						
Endrin	10.0	24.8	Type 4	24.8	Type 4																						
Endrin aldehyde	10.0	10	Type 3	100,000	Type 3																						
Endrin ketone	10.0	10	Type 3	100,000	Type 4																						
gamma-BHC (Lindane)	0.660	0.66	Type 3	0.66	Type 3																						
gamma-Chlordane	9.20	9.2	Type 3	9.2	Type 3																						
Heptachlor epoxide	1.64	1.65	Type 3	1.65	Type 3																						
Methoxychlor	10.0	552	Type 4	552	Type 4																						

	Former Pump Room Area													
Location	WCB-47	WCB-47	WCB-47	WCB-47	WCB-48	WCB-48	WCB-48	WCB-49	WCB-49	WCB-49	WCB-B15	WCB-B15	WCB-B15	WCB-B15
Depth (feet bgs)	0-2'	4-6'	8-10'	12-14'	4-6'	8-10'	12-14'	4-6'	8-10'	12-14'	0-2'	4-6'	8-10'	12-13'
Constituent / Date Sampled	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13
Volatiles-ug/kg														
1,1,1,2-Tetrachloroethane	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
1,1,1-Trichloroethane	3.5 U	4800	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
1,1,2,2-Tetrachloroethane	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
1,1,2-Trichloroethane	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
1,1-Dichloroethane	19	2100 U	2300 U	400 U	150 U	5.9	2100 U	4.5	3.8 U	5	310 U	1600 U	2000 U	4300 U
1,1-Dichloroethene	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
1,2,3-Trichloropropane	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
1,2,4-Trichlorobenzene	19	73000	33000	44000	2100	7.4	26000	3.2 U	6.7	3.8 U	1700	64000	41000	50000
1,2-Dibromo-3-Chloropropane	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
1,2-Dichlorobenzene	65	420000	12000	64000	990	13	5000	3.2 U	5.8	29	22000	44000	110000	130000
1,2-Dichloroethane	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
1,2-Dichloropropane	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
1,3-Dichlorobenzene	12	30000	2300 U	6400	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	2800	1700	7200	6900
1,4-Dichlorobenzene	29	79000	3300	11000	150 U	3.4 U	2100 U	3.2 U	3.8 U	4.6	5700	4100	19000	19000
2-Butanone	35 U	21000 U	23000 U	4000 U	1500 U	34 U	21000 U	32 U	38 U	92	3100 U	16000 U	20000 U	43000 U
4-Methyl-2-pentanone	7 U	4200 U	4600 U	800 U	300 U	6.8 U	4100 U	6.3 U	7.6 U	7.6 U	620 U	3200 U	4100 U	8600 U
Acetone	70 U	42000 U	46000 U	8000 U	3000 U	68 U	41000 U	63 U	76 U	460	6200 U	32000 U	41000 U	86000 U
Benzene	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
Bromoform	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
Carbon disulfide	7 U	4200 U	4600 U	800 U	300 U	6.8 U	4100 U	6.3 U	7.6 U	7.6 U	620 U	3200 U	4100 U	8600 U
Chlorobenzene	45	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	1600	1600 U	2000 U	4300 U
Chloroethane	7 U	4200 U	4600 U	800 U	300 U	6.8 U	4100 U	6.3 U	7.6 U	7.6 U	620 U	3200 U	4100 U	8600 U
cis-1,2-Dichloroethene	53	8300	6100	1700	150 U	69	2100 U	6.2	15	88	310 U	1600 U	2000 U	4300 U
Cyclohexane	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
Dichlorodifluoromethane	7 U	4200 U	4600 U	800 U	300 U	6.8 U	4100 U	6.3 U	7.6 U	7.6 U	620 U	3200 U	4100 U	8600 U
Ethylbenzene	3.5 U	6200	2300 U	400 U	540	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	6200	5300	4300
Isopropylbenzene	3.5 U	3200	2300 U	560	240	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	3100	3400	4300
Methylene chloride	14 U	8500 U	9200 U	1600 U	590 U	14 U	8200 U	13 U	15 U	15 U	1200 U	6300 U	8100 U	17000 U
Styrene	3.5 U	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
Tetrachloroethene (PCE)	210	100000	32000	5100	1500	59	22000	6.7	14	66	310 U	2000	2200	6600
Toluene	6.7	180000	52000	65000	11000	3500	2100 U	3.2 U	19	3.8 U	8300	1700000	580000	190000
trans-1,2-Dichloroethene	4.9	2100 U	2300 U	400 U	150 U	3.4 U	2100 U	3.2 U	3.8 U	3.8 U	310 U	1600 U	2000 U	4300 U
Trichloroethene (TCE)	84	23000	4000	510	310	24	2100 U	8.7	8.6	25	310 U	1600 U	2300	4300 U
Vinyl Chloride	7 U	4200 U	4600 U	800 U	300 U	6.8 U	4100 U	6.3 U	7.6 U	7.6 U	620 U	3200 U	4100 U	8600 U
Xylene (total)	3.5 U	57000	7700	5600	1900	12	2100 U	3.2 U	3.8 U	3.8 U	3000	34000	41000	30000
Semivolatiles- ug/kg														
2,4,5-Trichlorophenol					2000 U	2200 U	2200 U	2000 U	2200 U	2300 U	1900 U	19000 U	22000 U	22000 U
2,4,6-Trichlorophenol					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
2,4-Dichlorophenol					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
2,4-Dimethylphenol					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
2,4-Dinitrophenol					2000 U	2200 U	2200 U	2000 U	2200 U	2300 U	1900 U	19000 U	22000 U	22000 U
2-Methylphenol					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
4-Methylphenol					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Acenaphthene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Acenaphthylene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Anthracene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Benzo(a)anthracene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Benzo(a)pyrene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Benzo(b)fluoranthene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Benzo(g,h,i)perylene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Benzo(k)fluoranthene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
bis(2-Chloroisopropyl)ether					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
bis(2-Ethyllhexyl)phthalate					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Chrysene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Dibenz(a,h)anthracene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Di-n-butylphthalate					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Di-n-octyl phthalate					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Fluoranthene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Fluorene					390 U	430 U	430 U	390 U	420 U	460 U	430	8200	18000	9600
Indeno(1,2,3-cd)pyrene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Naphthalene					420	430 U	1500	390 U	420 U	460 U	700	37000	140000	69000
N-Nitrosodiphenylamine					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Pentachlorophenol (PCP)					2000 U	2200 U	2200 U	2000 U	2200 U	2300 U	1900 U	19000 U	22000 U	22000 U
Phenanthrene					390 U	430 U	1400	390 U	420 U	460 U	370 U	3800 U	5100	4300 U
Phenol					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Pyrene					390 U	430 U	430 U	390 U	420 U	460 U	370 U	3800 U	4200 U	4300 U
Pesticides - mg/kg														
4,4' -DDD														
4,4' -DDE														
4,4' -DDT														
Aldrin														
alpha-BHC														
beta-BHC														
Chlordane														
delta-BHC														
Dieldrin														
Endosulfan I														
Endosulfan II														
Endosulfan sulfate														
Endrin														
Endrin aldehyde														
Endrin ketone														
gamma-BHC (Lindane)														
gamma-Chlordane														
Heptachlor epoxide														
Methoxychlor														

Table 1
Soil Analytical Results - September 2013

W&C 9/2013 Soil Samples

Constituent	Type 1 RRS (ug/kg)	Non-Residential RRS: SS Soil (0-2') RRS	SS Soil (0-2') RRS Type	SB Soil (>2') RRS	SB Soil (>2') RRS Type
Volatiles-ug/kg					
1,1,1,2-Tetrachloroethane	7,000	7,000	Type 3	7,000	Type 3
1,1,1-Trichloroethane	20,000	253,000	Type 4	253,000	Type 4
1,1,2,2-Tetrachloroethane	130	130	Type 3	130	Type 3
1,1,2-Trichloroethane	500	500	Type 3	500	Type 3
1,1-Dichloroethane	400,000	400,000	Type 3	400,000	Type 3
1,1-Dichloroethene	700	700	Type 3	700	Type 3
1,2,3-Trichloropropane	498	1,190	Type 3	4,000	Type 3
1,2,4-Trichlorobenzene	10,800	10,800	Type 3	10,800	Type 3
1,2-Dibromo-3-Chloropropane	20	20	Type 3	20	Type 3
1,2-Dichlorobenzene	60,000	60,000	Type 3	60,000	Type 3
1,2-Dichloroethane	500	500	Type 3	500	Type 3
1,2-Dichloropropane	500	500	Type 3	500	Type 3
1,3-Dichlorobenzene	60,000	60,000	Type 3	60,000	Type 3
1,4-Dichlorobenzene	7,500	7,500	Type 3	7,500	Type 3
2-Butanone	200,000	200,000	Type 3	200,000	Type 3
4-Methyl-2-pentanone	200,000	200,000	Type 3	200,000	Type 3
Acetone	400,000	400,000	Type 3	400,000	Type 3
Benzene	500	500	Type 3	500	Type 3
Bromoform	10,000	10,000	Type 3	10,000	Type 3
Carbon disulfide	400,000	400,000	Type 3	400,000	Type 3
Chlorobenzene	10,000	10,000	Type 3	10,000	Type 3
Chloroethane	170	497,000	Type 4	497,000	Type 4
cis-1,2-Dichloroethene	7,000	7,000	Type 3	7,000	Type 3
Cyclohexane	20,000	1,093,000	Type 4	1,093,000	Type 4
Dichlorodifluoromethane	23,300	30,800	Type 4	100,000	Type 3
Ethylbenzene	70,000	70,000	Type 3	70,000	Type 3
Isopropylbenzene	21,900	85,500	Type 4	85,500	Type 4
Methylene chloride	500	2,800	Type 4	2,800	Type 4
Styrene	14,000	135,000	Type 4	135,000	Type 4
Tetrachloroethene (PCE)	500	500	Type 3	500	Type 3
Toluene	100,000	100,000	Type 3	100,000	Type 3
trans-1,2-Dichloroethene	10,000	10,000	Type 3	10,000	Type 3
Trichloroethene (TCE)	500	500	Type 3	500	Type 3
Vinyl Chloride	200	200	Type 3	200	Type 3
Xylene (total)	1,000,000	1,000,000	Type 3	1,000,000	Type 3
Semivolatiles- ug/kg					
2,4,5-Trichlorophenol	400,000	767,000	Type 4	767,000	Type 4
2,4,6-Trichlorophenol	3,000	4,560	Type 4	4,560	Type 4
2,4-Dichlorophenol	2,000	7,260	Type 4	7,260	Type 4
2,4-Dimethylphenol	70,000	70,000	Type 3	70,000	Type 3
2,4-Dinitrophenol	7,000	7,000	Type 3	7,000	Type 3
2-Methylphenol	3,800	42,100	Type 4	42,100	Type 4
4-Methylphenol	3,800	55,600	Type 4	55,600	Type 4
Acenaphthene	300,000	1,258,000	Type 4	1,258,000	Type 4
Acenaphthylene	130,000	130,000	Type 3	100,000,000	Type 4
Anthracene	500,000	20,187,000	Type 4	20,187,000	Type 4
Benzo(a)anthracene	5,000	10,100	Type 4	10,100	Type 4
Benzo(a)pyrene	1,640	4,700	Type 4	4,700	Type 4
Benzo(b)fluoranthene	5,000	5,000	Type 3	5,000	Type 3
Benzo(g,h,i)perylene	500,000	500,000	Type 3	100,000,000	Type 4
Benzo(k)fluoranthene	5,000	49,600	Type 4	49,600	Type 4
bis(2-Chloroisopropyl)ether	171,000	171,000	Type 3	171,000	Type 3
bis(2-Ethyllhexyl)phthalate	50,000	326,000	Type 4	326,000	Type 4
Chrysene	5,000	152,000	Type 4	152,000	Type 4
Dibenz(a,h)anthracene	2,050	7,840	Type 4	22,900	Type 4
Di-n-butylphthalate	400,000	514,000	Type 4	514,000	Type 4
Di-n-octyl phthalate	70,000	20,440,000	Type 4	100,000,000	Type 4
Fluoranthene	500,000	9,084,000	Type 4	9,084,000	Type 4
Fluorene	360,000	1,514,000	Type 4	1,514,000	Type 4
Indeno(1,2,3-cd)pyrene	5,000	78,400	Type 4	111,000	Type 4
Naphthalene	100,000	100,000	Type 3	100,000	Type 3
N-Nitrosodiphenylamine	6,460	8,880	Type 4	8,880	Type 4
Pentachlorophenol (PCP)	3,300	3,300	Type 3	3,300	Type 3
Phenanthrene	110,000	110,000	Type 3	100,000,000	Type 4
Phenol	400,000	400,000	Type 3	400,000	Type 3
Pyrene	500,000	6,677,000	Type 4	6,677,000	Type 4
Pesticides - mg/kg					
4,4' -DDD	0.660	12.9	Type 4	12.9	Type 4
4,4' -DDE	0.660	9.15	Type 4	9.15	Type 4
4,4' -DDT	0.660	13.1	Type 4	13.1	Type 4
Aldrin	0.660	0.66	Type 3	0.66	Type 3
alpha-BHC	0.660	0.66	Type 3	0.66	Type 3
beta-BHC	0.660	0.66	Type 3	0.66	Type 3
Chlordane	9.20	9.2	Type 3	9.2	Type 3
delta-BHC	25.0	25.0	Type 3	100,000	Type 4
Dieldrin	0.660	0.66	Type 3	0.66	Type 3
Endosulfan I	10.0	10	Type 3	10	Type 3
Endosulfan II	10.0	10	Type 3	10	Type 3
Endosulfan sulfate	1.65	1.65	Type 3	100,000	Type 4
Endrin	10.0	24.8	Type 4	24.8	Type 4
Endrin aldehyde	10.0	10	Type 3	100,000	Type 3
Endrin ketone	10.0	10	Type 3	100,000	Type 4
gamma-BHC (Lindane)	0.660	0.66	Type 3	0.66	Type 3
gamma-Chlordane	9.20	9.2	Type 3	9.2	Type 3
Heptachlor epoxide	1.64	1.65	Type 3	1.65	Type 3
Methoxychlor	10.0	552	Type 4	552	Type 4

Former Pump Room Area

Location	WCB-50	WCB-50	WCB-50	WCB-50	WCB-51	WCB-51	WCB-51	WCB-52	WCB-52	WCB-52	WCB-53	WCB-53	WCB-53
Depth (feet bgs)	0-2'	4-6'	8-10'	12-13'	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'
Date Sampled	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13
Volatiles-ug/kg													
1,1,1,2-Tetrachloroethane	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
1,1,1-Trichloroethane	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
1,1,2,2-Tetrachloroethane	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
1,1,2-Trichloroethane	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
1,1-Dichloroethane	13	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	19	39	390
1,1-Dichloroethene	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
1,2,3-Trichloropropane	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
1,2,4-Trichlorobenzene	3.4 U	7600	**54000**	7500	2.9 U	2.8 U	**36000**	2.7 U	3.2 U	4	3.7 U	4 U	**16000**
1,2-Dibromo-3-Chloropropane	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
1,2-Dichlorobenzene	4.4	4900	31000	2800	2.9 U	2.8 U	13000	2.7 U	3.2 U	3.6 U	3.7 U	4 U	740
1,2-Dichloroethane	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
1,2-Dichloropropane	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
1,3-Dichlorobenzene	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	1700
1,4-Dichlorobenzene	3.4 U	1200 U	2600	240	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	2400
2-Butanone	34 U	12000 U	20000 U	1900 U	29 U	28 U	37000 U	27 U	32 U	36 U	37 U	40 U	3000 U
4-Methyl-2-pentanone	6.8 U	2500 U	4000 U	390 U	5.7 U	5.5 U	7400 U	5.3 U	6.4 U	7.2 U	7.5 U	8.1 U	590 U
Acetone	68 U	25000 U	40000 U	3900 U	58	55 U	74000 U	53 U	68	72 U	75 U	81 U	5900 U
Benzene	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
Bromoform	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
Carbon disulfide	6.8 U	2500 U	4000 U	390 U	5.7 U	5.5 U	7400 U	5.3 U	6.4 U	7.2 U	7.5 U	8.1 U	590 U
Chlorobenzene	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
Chloroethane	6.8 U	2500 U	4000 U	390 U	5.7 U	5.5 U	7400 U	5.3 U	6.4 U	7.2 U	7.5 U	8.1 U	590 U
cis-1,2-Dichloroethene	250	5900	2000 U	190 U	2.9 U	2.8 U	3700 U	3.6	3.2 U	3.6 U	170	1400	**8700**
Cyclohexane	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
Dichlorodifluoromethane	6.8 U	2500 U	4000 U	390 U	5.7 U	5.5 U	7400 U	5.3 U	6.4 U	7.2 U	7.5 U	8.1 U	590 U
Ethylbenzene	3.4 U	1200	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
Isopropylbenzene	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
Methylene chloride	14 U	4900 U	7900 U	780 U	11 U	11 U	15000 U	11 U	13 U	14 U	15 U	16 U	1200 U
Styrene	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	3.7 U	4 U	300 U
Tetrachloroethene (PCE)	17	1200 U	2000 U	190 U	5.2	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	100	4 U	**600**
Toluene	14	21000	**120000**	3300	2.9 U	2.8 U	55000	2.7 U	3.2 U	3.6 U	3.7 U	4 U	600
trans-1,2-Dichloroethene	3.4 U	1200 U	2000 U	190 U	2.9 U	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	4.4	4.9	300 U
Trichloroethene (TCE)	5.8	1200 U	2000 U	190 U	4.1	2.8 U	3700 U	2.7 U	3.2 U	3.6 U	31	7.1	300 U
Vinyl Chloride	9.2	2500 U	4000 U	390 U	5.7 U	5.5 U	7400 U	5.3 U	6.4 U	7.2 U	17	39	590 U
Xylene (total)	3.4 U	9200	14000	370	2.9 U	2.8 U	10000	2.7 U	3.2 U	3.6 U	3.7 U	4 U	1400
Semivolatiles- ug/kg													
2,4,5-Trichlorophenol		20000 U	22000 U	2300 U									
2,4,6-Trichlorophenol		3800 U	4200 U	440 U									
2,4-Dichlorophenol		3800 U	4200 U	440 U									
2,4-Dimethylphenol		3800 U	4200 U	440 U									
2,4-Dinitrophenol		20000 U	22000 U	2300 U									
2-Methylphenol		3800 U	4200 U	440 U									
4-Methylphenol		3800 U	4200 U	440 U									
Acenaphthene		3800 U	4200 U	440 U									
Acenaphthylene		3800 U	4200 U	440 U									
Anthracene		3800 U	4200 U	440 U									
Benzo(a)anthracene		3800 U	4200 U	440 U									
Benzo(a)pyrene		3800 U	4200 U	440 U									
Benzo(b)fluoranthene		3800 U	4200 U	440 U									
Benzo(g,h,i)perylene		3800 U	4200 U	440 U									
Benzo(k)fluoranthene		3800 U	4200 U	440 U									
bis(2-Chloroisopropyl)ether		3800 U	4200 U	440 U									
bis(2-Ethyllhexyl)phthalate		3800 U	4200 U	440 U									
Chrysene		3800 U	4200 U	440 U									
Dibenz(a,h)anthracene		3800 U	4200 U	440 U									
Di-n-butylphthalate		3800 U	4200 U	440 U									
Di-n-octyl phthalate		3800 U	4200 U	440 U									
Fluoranthene		3800 U	4200 U	440 U									
Fluorene		3800 U	6400	440 U									
Indeno(1,2,3-cd)pyrene		3800 U	4200 U	440 U									
Naphthalene		7800	40000	440 U									
N-Nitrosodiphenylamine		3800 U	4200 U	440 U									
Pentachlorophenol (PCP)		20000 U	22000 U	2300 U									
Phenanthrene		3800 U	4200 U	440 U									
Phenol		3800 U	4200 U	440 U									
Pyrene		3800 U	4200 U	440 U									

Location	WCB-54	WCB-54	WCB-54	WCB-B-8	WCB-B-8	WCB-B-8	WCB-55	WCB-55	WCB-81	WCB-82	WCB-83	WCB-83	WCB-83
Depth (feet bgs)	0-2'	4-6'	8-10'	0-2'	4-6'	8-10'	4-6'	8-10'	8-10'	8-10'	0-2'	4-6'	8-10'
Date Sampled	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/9/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13
Volatiles-ug/kg													
1,1,1,2-Tetrachloroethane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,1,1-Trichloroethane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,1,2,2-Tetrachloroethane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,1,2-Trichloroethane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,1-Dichloroethane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,1-Dichloroethene	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,2,3-Trichloropropane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,2,4-Trichlorobenzene	3.1 U	10000	6500	3.9 U	6	72	5.8	12	**28000**	4.1 U	3.7 U	3.6 U	4.1 U
1,2-Dibromo-3-Chloropropane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,2-Dichlorobenzene	11	**240000**	**330000**	4.6	5.1	67	4.4 U	6.2	9800	4.1 U	4.9	3.6 U	4.1 U
1,2-Dichloroethane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,2-Dichloropropane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
1,3-Dichlorobenzene	3.1 U	16000	19000	3.9 U	4.4 U	5.5	4.4 U	4.3 U	200	4.1 U	3.7 U	3.6 U	4.1 U
1,4-Dichlorobenzene	19	**44000**	**50000**	3.9 U	4.4 U	12	4.4 U	4.3 U	380	4.1 U	3.7 U	3.6 U	4.1 U
2-Butanone	31 U	24000 U	4100 U	39 U	44 U	38 U	44 U	43 U	1900 U	41 U	37 U	36 U	41 U
4-Methyl-2-pentanone	6.2 U	4800 U	820 U	7.9 U	8.7 U	7.5 U	8.7 U	8.6 U	380 U	8.2 U	7.4 U	7.2 U	8.2 U
Acetone	62 U	48000 U	8200 U	79 U	87 U	470	120	86 U	3800 U	82 U	74 U	72 U	82 U
Benzene	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Bromoform	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Carbon disulfide	6.2 U	4800 U	820 U	7.9 U	8.7 U	7.5 U	8.7 U	8.6 U	380 U	8.2 U	7.4 U	7.2 U	8.2 U
Chlorobenzene	76	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Chloroethane	6.2 U	4800 U	820 U	7.9 U	8.7 U	7.5 U	8.7 U	8.6 U	380 U	8.2 U	7.4 U	7.2 U	8.2 U
cis-1,2-Dichloroethene	3.1 U	2400 U	410 U	67	12	25	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Cyclohexane	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Dichlorodifluoromethane	6.2 U	4800 U	820 U	7.9 U	8.7 U	7.5 U	8.7 U	8.6 U	380 U	8.2 U	7.4 U	7.2 U	8.2 U
Ethylbenzene	3.1 U	2400 U	620	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Isopropylbenzene	3.1 U	2400 U	490	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Methylene chloride	12 U	9600 U	1600 U	16 U	17 U	15 U	17 U	17 U	760 U	16 U	15 U	14 U	16 U
Styrene	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Tetrachloroethene (PCE)	3.4	2400 U	410 U	40	4.4 U	6.6	33	4.3 U	**880**	4.1 U	8.5	22	4.1 U
Toluene	3.1 U	2400 U	5400	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	700	4.1 U	3.7 U	3.6 U	4.1 U
trans-1,2-Dichloroethene	3.1 U	2400 U	410 U	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Trichloroethene (TCE)	3.1 U	2400 U	410 U	29	4.4 U	6	9.7	4.3 U	190 U	4.1 U	3.7 U	3.6 U	4.1 U
Vinyl Chloride	6.2 U	4800 U	820 U	7.9 U	8.7 U	7.5 U	8.7 U	8.6 U	380 U	8.2 U	7.4 U	7.2 U	8.2 U
Xylene (total)	3.1 U	2400 U	4200	3.9 U	4.4 U	3.8 U	4.4 U	4.3 U	4500	4.1 U	3.7 U	3.6 U	4.1 U
Semivolatiles- ug/kg													
2,4,5-Trichlorophenol		21000 U	2200 U										
2,4,6-Trichlorophenol		4200 U	420 U										
2,4-Dichlorophenol		4200 U	420 U										
2,4-Dimethylphenol		4200 U	420 U										
2,4-Dinitrophenol		21000 U	2200 U										
2-Methylphenol		4200 U	420 U										
4-Methylphenol		4200 U	420 U										
Acenaphthene		6300	8200										
Acenaphthylene		4200 U	420 U										
Anthracene		4200 U	1500										
Benzo(a)anthracene		4200 U	420 U										
Benzo(a)pyrene		4200 U	420 U										
Benzo(b)fluoranthene		4200 U	420 U										
Benzo(g,h,i)perylene		4200 U	420 U										
Benzo(k)fluoranthene		4200 U	420 U										
bis(2-Chloroisopropyl)ether		4200 U	420 U										
bis(2-Ethyllhexyl)phthalate		4200 U	420 U										
Chrysene		4200 U	420 U										
Dibenz(a,h)anthracene		4200 U	420 U										
Di-n-butylphthalate		4200 U	420 U										
Di-n-octyl phthalate		4200 U	420 U										
Fluoranthene		4200 U	420 U										
Fluorene		4700	420 U										
Indeno(1,2,3-cd)pyrene		4200 U	420 U										
Naphthalene		39000	**680000**										
N-Nitrosodiphenylamine		4200 U	420 U										
Pentachlorophenol (PCP)		21000 U	2200 U										
Phenanthrene		4200 U	3400										
Phenol		4200 U	420 U										
Pyrene		4200 U	420 U										

Former East Tank Farm Area

Location	WCB-B-11	WCB-B-11	WCB-B-11	WCB-34	WCB-34	WCB-35	WCB-35	WCB-36	WCB-36	WCB-38	WCB-38
Depth (feet bgs)	0-2'	3-5'	5-7'	0-2'	3-5'	0-2'	3-5'	0-2'	3-5'	0-2'	3-5'
Date Sampled	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13
Volatiles-ug/kg											
1,1,1,2-Tetrachloroethane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,1,1-Trichloroethane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,1,2,2-Tetrachloroethane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,1,2-Trichloroethane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,1-Dichloroethane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,1-Dichloroethene	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,2,3-Trichloropropane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,2,4-Trichlorobenzene	7	3.5	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	**52000**	6500
1,2-Dibromo-3-Chloropropane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,2-Dichlorobenzene	100	6400	5.2	3.5 U	5.4	3.6 U	3.0 U	3.6 U	4.0 U	**670000**	**89000**
1,2-Dichloroethane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,2-Dichloropropane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
1,3-Dichlorobenzene	17	56	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	**70000**	7900
1,4-Dichlorobenzene	23	79	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	**99000**	**12000**
2-Butanone	36 U	31 U	31 U	35 U	28 U	36 U	30 U	36 U	40 U	19000 U	1500 U
4-Methyl-2-pentanone	7.3 U	6.2 U	6.2 U	6.9 U	5.6 U	7.2 U	6.1 U	7.2 U	8.0 U	3900 U	310 U
Acetone	73 U	62 U	62 U	69 U	56 U	72 U	61 U	120	80 U	39000 U	3100 U
Benzene	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
Bromoform	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
Carbon disulfide	7.3 U	6.2 U	6.2 U	6.9 U	5.6 U	7.2 U	6.1 U	7.2 U	8.0 U	3900 U	310 U
Chlorobenzene	10	1200	4.2	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	2100
Chloroethane	7.3 U	6.2 U	6.2 U	6.9 U	5.6 U	7.2 U	6.1 U	7.2 U	8.0 U	3900 U	310 U
cis-1,2-Dichloroethene	39	3500	81	1500	530	12	8.5	3.6 U	4.0 U	**8500**	4500
Cyclohexane	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
Dichlorodifluoromethane	7.3 U	6.2 U	6.2 U	6.9 U	5.6 U	7.2 U	6.1 U	7.2 U	8.0 U	3900 U	310 U
Ethylbenzene	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	3800	320
Isopropylbenzene	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
Methylene chloride	15 U	12 U	12 U	14 U	11 U	14 U	12 U	14 U	16 U	7700 U	610 U
Styrene	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
Tetrachloroethene (PCE)	**2400**	**3200**	330	3.5 U	9.5	47	36	14	16	**2600**	300
Toluene	3.6 U	3.1 U	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
trans-1,2-Dichloroethene	3.6 U	24	3.1 U	6.9	17	3.6 U	3.0 U	3.6 U	4.0 U	1900 U	150 U
Trichloroethene (TCE)	29	61	13	3.5 U	2.8 U	5.5	23	3.6 U	4.0 U	1900 U	150 U
Vinyl Chloride	7.3 U	14	6.2 U	6.9 U	5.6 U	7.2 U	6.1 U	7.2 U	8.0 U	3900 U	310 U
Xylene (total)	3.6 U	3.5	3.1 U	3.5 U	2.8 U	3.6 U	3.0 U	3.6 U	4.0 U	19000	1200

Table 1
Soil Analytical Results - September 2013

W&C 9/2013 Soil Samples						Former East Tank Farm Area																							
Location	Type 1	Non-Residential RRS				WCB-38	WCB-38	WCB-39	WCB-39	WCB-39	WCB-39	WCB-40	WCB-40	WCB-40	WCB-40	WCB-41	WCB-41	WCB-41	WCB-41	WCB-42	WCB-42	WCB-42	WCB-43	WCB-43	WCB-43	WCB-43	WCB-80	WCB-80	WCB-44
Depth (feet bgs)	RRS	SS Soil (0-2')		SB Soil (>2')		8-10'	11-12'	0-2'	3-5'	8-10'	11-12'	0-2'	3-5'	8-10'	11-12'	0-2'	3-5'	8-10'	11-12'	0-2'	3-5'	8-10'	0-2'	3-5'	8-10'	11-13'	0-2'	2-4'	5-7'
Constituent / Date Sampled	(ug/kg)	RRS	RRS Type	RRS	RRS Type	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13	9/11/13
Volatiles-ug/kg																													
1,1,1,2-Tetrachloroethane	7,000	7,000	Type 3	7,000	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,1,1-Trichloroethane	20,000	253,000	Type 4	253,000	Type 4	4.1 U	4.1 U	3.1 U	3.7 U	6.7	4.9	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	**49000**	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,1,2,2-Tetrachloroethane	130	130	Type 3	130	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,1,2-Trichloroethane	500	500	Type 3	500	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	5.9	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,1-Dichloroethane	400,000	400,000	Type 3	400,000	Type 3	4.1 U	14	3.1 U	36	86	100	5.1	8.4	10	24	3.7 U	11	8.2	9.6	6700	240	12	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,1-Dichloroethene	700	700	Type 3	700	Type 3	4.1 U	9.2	3.1 U	8.5	29	45	3.7 U	3.3 U	3.8	8.2	3.7 U	7.5	3.5 U	4.5 U	**6500**	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,2,3-Trichloropropane	498	1,190	Type 3	4,000	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,2,4-Trichlorobenzene	10,800	10,800	Type 3	10,800	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	4.3	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.8	3.5 U	4.5 U	10000	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,2-Dibromo-3-Chloropropane	20	20	Type 3	20	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,2-Dichlorobenzene	60,000	60,000	Type 3	60,000	Type 3	89	94	1700	4400	450	630	18	91	36	87	29	4200	67	86	**2900000**	370	75	4.4 U	4.2 U	3.9 U	6.0 U	53	19	4.2 U
1,2-Dichloroethane	500	500	Type 3	500	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,2-Dichloropropane	500	500	Type 3	500	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
1,3-Dichlorobenzene	60,000	60,000	Type 3	60,000	Type 3	14	16	3.1 U	13	11	38	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	64	3.5 U	4.5 U	32000	15	14	4.4 U	4.2 U	3.9 U	6.0 U	44	11	4.2 U
1,4-Dichlorobenzene	7,500	7,500	Type 3	7,500	Type 3	23	28	6.5	130	64	170	3.7 U	7.5	3.7	7.7	3.7 U	670	11	17	**120000**	55	20	4.4 U	4.2 U	3.9 U	6.0 U	22	9.6	4.2 U
2-Butanone	200,000	200,000	Type 3	200,000	Type 3	41 U	41 U	31 U	37 U	40 U	36 U	37 U	33 U	36 U	44 U	37 U	41 U	35 U	45 U	32000 U	39 U	43 U	44 U	42 U	39 U	60 U	34 U	39 U	42 U
4-Methyl-2-pentanone	200,000	200,000	Type 3	200,000	Type 3	8.2 U	8.1 U	6.3 U	7.3 U	8.1 U	7.1 U	7.4 U	6.6 U	7.2 U	8.7 U	7.3 U	8.2 U	7.1 U	8.9 U	6400 U	7.8 U	8.6 U	8.7 U	8.5 U	7.8 U	12 U	6.9 U	7.8 U	8.4 U
Acetone	400,000	400,000	Type 3	400,000	Type 3	82 U	81 U	63 U	73 U	81 U	71 U	74 U	66 U	72 U	87 U	73 U	82 U	71 U	89 U	64000 U	78 U	86 U	87 U	85 U	78 U	120 U	69 U	78 U	84 U
Benzene	500	500	Type 3	500	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
Bromoform	10,000	10,000	Type 3	10,000	Type 3	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
Carbon disulfide	400,000	400,000	Type 3	400,000	Type 3	8.2 U	8.1 U	6.3 U	7.3 U	8.1 U	7.1 U	7.4 U	6.6 U	7.2 U	8.7 U	14	8.2 U	7.1 U	8.9 U	6400 U	7.8 U	8.6 U	8.7 U	8.5 U	7.8 U	12 U	6.9 U	7.8 U	8.4 U
Chlorobenzene	10,000	10,000	Type 3	10,000	Type 3	64	120	11	1400	1200	1200	4.1	13	3.7	8.3	3.7 U	110	54	91	3300	800	27	4.4 U	4.2 U	3.9 U	6.0 U	120	51	4.2 U
Chloroethane	170	497,000	Type 4	497,000	Type 4	8.2 U	8.1 U	6.3 U	7.3 U	8.1 U	7.1 U	7.4 U	6.6 U	7.2 U	8.7 U	7.3 U	8.2 U	7.1 U	8.9 U	6400 U	7.8 U	8.6 U	8.7 U	8.5 U	7.8 U	12 U	6.9 U	7.8 U	8.4 U
cis-1,2-Dichloroethene	7,000	7,000	Type 3	7,000	Type 3	1900	2900	37	1700	3000	3600	430	800	1200	1900	84	830	140	140	**190000**	390	950	4.4 U	4.2 U	6.3	9.6	8.5	21	4.2 U
Cyclohexane	20,000	1,093,000	Type 4	1,093,000	Type 4	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
Dichlorodifluoromethane	23,300	30,800	Type 4	100,000	Type 4	8.2 U	8.1 U	6.3 U	7.3 U	8.1 U	7.1 U	7.4 U	6.6 U	7.2 U	8.7 U	7.3 U	8.2 U	7.1 U	8.9 U	6400 U	7.8 U	8.6 U	8.7 U	8.5 U	7.8 U	12 U	6.9 U	7.8 U	8.4 U
Ethylbenzene	70,000	70,000	Type 3	70,000	Type 3	4.1 U	4.1 U	3.1 U	58	7	7.2	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	18000	18	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
Isopropylbenzene	21,900	85,500	Type 4	85,500	Type 4	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
Methylene chloride	500	2,800	Type 4	2,800	Type 4	16 U	16 U	13 U	15 U	16 U	14 U	15 U	13 U	14 U	17 U	15 U	16 U	14 U	18 U	13000 U	16 U	17 U	17 U	17 U	16 U	24 U	14 U	16 U	17 U
Styrene	14,000	135,000	Type 4	135,000	Type 4	4.1 U	4.1 U	3.1 U	3.7 U	4 U	3.6 U	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	3200 U	3.9 U	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
Tetrachloroethene (PCE)	500	500	Type 3	500	Type 3	9.4	25	13	3.7 U	15	140	26	4.1	3.6 U	4.4 U	45	40	3.5 U	4.5 U	**6500000**	140	44	120	93	18	21	11	3.9 U	4.2 U
Toluene	100,000	100,000	Type 3	100,000	Type 3	4.1 U	4.1 U	3.1 U	7	7.3	9.8	3.7 U	3.3 U	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	**200000**	200	4.3 U	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
trans-1,2-Dichloroethene	10,000	10,000	Type 3	10,000	Type 3	5.7	16	3.1 U	27	31	39	6.3	10	4.3	9.3	3.7 U	20	3.5 U	4.5 U	3200 U	21	6.2	4.4 U	4.2 U	3.9 U	6.0 U	3.4 U	3.9 U	4.2 U
Trichloroethene (TCE)	500	500	Type 3	500	Type 3	5.1	19	4.2	3.7 U	4 U	13	38	50	8.9	14	56	53	3.5 U	4.5 U	**350000**	16	8.9	8.6	8.5	4.7	7.6	3.4 U	3.9 U	4.2 U
Vinyl Chloride	200	200	Type 3	200	Type 3	8.2 U	8.1 U	6.3 U	86	160	170	7.4 U	6.6 U	11	25	7.3 U	9	17	21	6400 U	**220**	27	8.7 U	8.5 U	7.8 U	12	12	7.8 U	8.4 U
Xylene (total)	1,000,000	1,000,000	Type 3	1,000,000	Type 3	4.1 U	4.1 U	5.2	110	47	61	3.7 U	5	3.6 U	4.4 U	3.7 U	4.1 U	3.5 U	4.5 U	80000	70	4.3 U	25	6.7	11	86	3.4 U	3.9 U	4.2 U
Semivolatiles- ug/kg																													
2,4,5-Trichlorophenol	400,000	767,000	Type 4	767,000	Type 4																								
2,4,6-Trichlorophenol	3,000	4,560	Type 4	4,560	Type 4																								
2,4-Dichlorophenol	2,000	7,260	Type 4	7,260	Type 4																								
2,4-Dimethylphenol	70,000	70,000	Type 3	70,000	Type 3																								
2,4-Dinitrophenol	7,000	7,000	Type 3	7,000	Type 3																								
2-Methylphenol	3,800	42,100	Type 4	42,100	Type 4																								
4-Methylphenol	3,800	55,600	Type 4	55,600	Type 4																								
Acenaphthene	300,000	1,258,000	Type 4	1,258,000	Type 4																								
Acenaphthylene	130,000	130,000	Type 3	100,000,000	Type 4																								
Anthracene	500,000	20,187,000	Type 4	20,187,000	Type 4																								
Benzo(a)anthracene	5,000	10,100	Type 4	10,100	Type 4																								
Benzo(a)pyrene	1,640	4,700	Type 4	4,700	Type 4																								
Benzo(b)fluoranthene	5,000	5,000	Type 3	5,000	Type 3																								
Benzo(g,h,i)perylene	500,000	500,000	Type 3	100,000,000	Type 4																								
Benzo(k)fluoranthene	5,000	49,600	Type 4	49,600	Type 4																								
bis(2-Chloroisopropyl)ether	171,000	171,000	Type 3	171,000	Type 3																								
bis(2-Ethyllhexyl)phthalate	50,000	326,000	Type 4	326,000	Type 4																								
Chrysene	5,000	152,000	Type 4	152,000	Type 4																								
Dibenz(a,h)anthracene	2,050	7,840	Type 4	22,900	Type 4																								
Di-n-butylphthalate	400,000	514,000	Type 4	514,000	Type 4																								
Di-n-octyl phthalate	70,000	20,440,000	Type 4	100,000,000	Type 4																								
Fluoranthene	500,000	9,084,000	Type 4	9,084,000	Type 4																								
Fluorene	360,000	1,514,000	Type 4	1,514,000	Type 4																								
Indeno(1,2,3-cd)pyrene	5,000	78,400	Type 4	111,000	Type 4																								
Naphthalene	100,000	100,000	Type 3	100,000	Type 3																								
N-Nitrosodiphenylamine	6,460	8,880	Type 4	8,880	Type 4																								
Pentachlorophenol (PCP)	3,300	3,300	Type 3	3,300	Type 3																								
Phenanthrene	110,000	110,000	Type 3	100,000,000	Type 4																								
Phenol	400,000	400,000	Type 3	400,000	Type 3																								
Pyrene	500,000	6,677,000	Type 4	6,677,000	Type 4																								
Pesticides - mg/kg																													
4,4' -DDD	0.660	12.9	Type 4	12.9	Type 4																								
4,4' -DDE	0.660	9.15	Type 4	9.15	Type 4																								
4,4' -DDT	0.660	13.1	Type 4	13.1	Type 4																								
Aldrin	0.660	0.66	Type 3	0.66	Type 3																								
alpha-BHC	0.660	0.66	Type 3	0.66	Type 3																								
beta-BHC	0.660	0.66	Type 3	0.66	Type 3																								
Chlordane	9.20	9.2	Type 3	9.2	Type 3																								
delta-BHC	25.0	25.0	Type 3	100,000	Type 4																								
Dieldrin	0.660	0.66	Type 3	0.66	Type 3																								
Endosulfan I	10.0	10	Type 3	10	Type 3																								
Endosulfan II	10.0	10	Type 3	10	Type 3																								
Endosulfan sulfate	1.65	1.65	Type 3	100,000	Type 4																								
Endrin	10.0	24.8	Type 4	24.8	Type 4																								
Endrin aldehyde	10.0	10	Type 3	100,000	Type 3																								
Endrin ketone	10.0	10	Type 3	100,000	Type 4																								
gamma-BHC (Lindane)	0.660	0.66	Type 3	0.66	Type 3																								
gamma-Chlordane	9.20	9.2	Type 3	9.2	Type 3																								
Heptachlor epoxide	1.64	1.65	Type 3	1.65	Type 3																								
Methoxychlor	10.0	552	Type 4	552	Type 4																								

Wastewater Treatment Facility Area												
Location	WCB-56	WCB-56	WCB-56	WCB-57	WCB-57	WCB-57	WCB-57	WCB-58	WCB-B-26	WCB-59	WCB-VER77	WCB-VER77
Depth (feet bgs)	0-2'	4-6'	7-9'	0-2'	4-6'	7-9'	11-13'	8-10'	8-10'	8-10'	0-2'	5-7'
Constituent / Date Sampled	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13
Volatiles-ug/kg												
1,1,1,2-Tetrachloroethane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,1,1-Trichloroethane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,1,2,2-Tetrachloroethane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,1,2-Trichloroethane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,1-Dichloroethane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,1-Dichloroethene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,2,3-Trichloropropane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,2,4-Trichlorobenzene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	**43000**	9000	3.8 U		
1,2-Dibromo-3-Chloropropane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,2-Dichlorobenzene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	**110000**	26000	3.8 U		
1,2-Dichloroethane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,2-Dichloropropane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
1,3-Dichlorobenzene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	19000	2900	3.8 U		
1,4-Dichlorobenzene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	**40000**	**7600**	3.8 U		
2-Butanone	34 U	40 U	49 U	43 U	33 U	43 U	36 U	19000 U	2200 U	38 U		
4-Methyl-2-pentanone	6.9 U	8.0 U	9.9 U	8.6 U	6.5 U	8.6 U	7.2 U	3700 U	440 U	7.6 U		
Acetone	69 U	80 U	99 U	86 U	65 U	86 U	72 U	37000 U	4400 U	520		
Benzene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Bromoform	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Carbon disulfide	6.9 U	8.0 U	9.9 U	8.6 U	6.5 U	8.6 U	7.2 U	3700 U	440 U	7.6 U		
Chlorobenzene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Chloroethane	6.9 U	8.0 U	9.9 U	8.6 U	6.5 U	8.6 U	7.2 U	3700 U	440 U	7.6 U		
cis-1,2-Dichloroethene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Cyclohexane	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Dichlorodifluoromethane	6.9 U	8.0 U	9.9 U	8.6 U	6.5 U	8.6 U	7.2 U	3700 U	440 U	7.6 U		
Ethylbenzene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Isopropylbenzene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Methylene chloride	14 U	16 U	20 U	17 U	13 U	17 U	14 U	7500 U	890 U	15 U		
Styrene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Tetrachloroethene (PCE)	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Toluene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	310	3.8 U		
trans-1,2-Dichloroethene	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Trichloroethene (TCE)	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	1900 U	220 U	3.8 U		
Vinyl Chloride	6.9 U	8.0 U	9.9 U	8.6 U	6.5 U	8.6 U	7.2 U	3700 U	440 U	7.6 U		
Xylene (total)	3.4 U	4.0 U	4.9 U	4.3 U	3.3 U	4.3 U	3.6 U	5600	220 U	3.8 U		
Semivolatiles- ug/kg												
2,4,5-Trichlorophenol	2000 U	2100 U	2100 U	2000 U	2000 U	2200 U	2100 U					
2,4,6-Trichlorophenol	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
2,4-Dichlorophenol	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
2,4-Dimethylphenol	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
2,4-Dinitrophenol	2000 U	2100 U	2100 U	2000 U	2000 U	2200 U	2100 U					
2-Methylphenol	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
4-Methylphenol	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Acenaphthene	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Acenaphthylene	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Anthracene	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Benzo(a)anthracene	440	410 U	410 U	380 U	400 U	430 U	410 U					
Benzo(a)pyrene	720	410 U	410 U	380 U	400 U	430 U	410 U					
Benzo(b)fluoranthene	1100	410 U	410 U	380 U	400 U	430 U	410 U					
Benzo(g,h,i)perylene	680	410 U	410 U	380 U	400 U	430 U	410 U					
Benzo(k)fluoranthene	450	410 U	410 U	380 U	400 U	430 U	410 U					
bis(2-Chloroisopropyl)ether	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
bis(2-Ethyllhexyl)phthalate	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Chrysene	690	410 U	410 U	380 U	400 U	430 U	410 U					
Dibenz(a,h)anthracene	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Di-n-butylphthalate	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Di-n-octyl phthalate	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Fluoranthene	790	410 U	410 U	380 U	400 U	430 U	410 U					
Fluorene	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Indeno(1,2,3-cd)pyrene	540	410 U	410 U	380 U	400 U	430 U	410 U					
Naphthalene	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
N-Nitrosodiphenylamine	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Pentachlorophenol (PCP)	2000 U	2100 U	2100 U	2000 U	2000 U	2200 U	2100 U					
Phenanthrene	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Phenol	390 U	410 U	410 U	380 U	400 U	430 U	410 U					
Pyrene	690	410 U	410 U	380 U	400 U	430 U	410 U					
Pesticides - mg/kg												
4,4' -DDD											**9.3**	**8.6**
4,4' -DDE											**0.79**	0.15
4,4' -DDT											**1.4**	0.086 U
Aldrin												
alpha-BHC												
beta-BHC												
Chlordane												
delta-BHC												
Dieldrin												
Endosulfan I												
Endosulfan II												
Endosulfan sulfate												
Endrin												
Endrin aldehyde												
Endrin ketone												
gamma-BHC (Lindane)												
gamma-Chlordane												
Heptachlor epoxide												
Methoxychlor												

Table 1
Soil Analytical Results - September 2013

	W&C 9/2013 Soil Samples					Wastewater Treatment Facility Area													Additional Investigation Areas																										
Location	Type 1	Non-Residential RRS				WCB-VER77	WCB-60	WCB-60	WCB-60	WCB-61	WCB-61	WCB-61	WCB-62	WCB-62	WCB-62	WCB-84	WCB-84	WCB-84	WCB-63	WCB-63	WCB-64	WCB-64	WCB-65	WCB-65	WCB-66	WCB-66	WCB-67	WCB-67	WCB-67	WCB-68	WCB-68	WCB-68	WCB-69	WCB-69	WCB-69	WCB-70	WCB-70	WCB-70
Depth (feet bgs)	RRS	SS Soil (0-2')		SB Soil (>2')		9-11'	0-2'	5-7'	9-11'	0-2'	5-7'	9-11'	0-2'	5-7'	9-11'	0-2'	5-7'	9-11'	0-2'	5-7'	0-2'	5-7'	0-2'	5-7'	0-2'	5-7'	0-2'	4-6'	7-9'	0-2'	4-6'	7-9'	0-2'	4-6'	7-9'	0-2'	4-6'	7-9'
Constituent / Date Sampled	(ug/kg)	RRS	RRS Type	RRS	RRS Type	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/30/13	9/30/13	9/30/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/10/13	9/9/13	9/9/13	9/9/13	9/6/13	9/6/13	9/6/13	9/9/13	9/9/13	9/9/13
Volatiles-ug/kg																																													
1,1,1,2-Tetrachloroethane	7,000	7,000	Type 3	7,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,1,1-Trichloroethane	20,000	253,000	Type 4	253,000	Type 4														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,1,2,2-Tetrachloroethane	130	130	Type 3	130	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,1,2-Trichloroethane	500	500	Type 3	500	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,1-Dichloroethane	400,000	400,000	Type 3	400,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,1-Dichloroethene	700	700	Type 3	700	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,2,3-Trichloropropane	498	1,190	Type 3	4,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,2,4-Trichlorobenzene	10,800	10,800	Type 3	10,800	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	5.3	3.9 U	3.7 U	4.5	5.9	4.4 U	4.1 U	3.2 U	3.8 U
1,2-Dibromo-3-Chloropropane	20	20	Type 3	20	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,2-Dichlorobenzene	60,000	60,000	Type 3	60,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	8.8	3.9 U	3.7 U	4.3 U	5.9	4.4 U	4.1 U	3.2 U	3.8 U
1,2-Dichloroethane	500	500	Type 3	500	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,2-Dichloropropane	500	500	Type 3	500	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,3-Dichlorobenzene	60,000	60,000	Type 3	60,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
1,4-Dichlorobenzene	7,500	7,500	Type 3	7,500	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
2-Butanone	200,000	200,000	Type 3	200,000	Type 3														40 U	42 U	35 U	38 U	39 U	34 U	36 U	60 U	38 U	46 U	40 U	39 U	39 U	37 U	43 U	36 U	44 U	41 U	32 U	38 U
4-Methyl-2-pentanone	200,000	200,000	Type 3	200,000	Type 3														8.0 U	8.4 U	7.0 U	7.7 U	7.7 U	6.8 U	7.2 U	12 U	7.5 U	9.2 U	8.0 U	7.8 U	7.8 U	7.3 U	8.5 U	8.8	8.7 U	8.3 U	6.4 U	7.6 U
Acetone	400,000	400,000	Type 3	400,000	Type 3														80 U	84 U	70 U	77 U	77 U	68 U	72 U	120 U	75 U	92 U	80 U	78 U	78 U	73 U	85 U	71 U	87 U	83 U	64 U	76 U
Benzene	500	500	Type 3	500	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Bromoform	10,000	10,000	Type 3	10,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Carbon disulfide	400,000	400,000	Type 3	400,000	Type 3														8.0 U	8.4 U	7.0 U	7.7 U	7.7 U	6.8 U	7.2 U	12 U	7.5 U	9.2 U	8.0 U	7.8 U	7.8 U	7.3 U	8.5 U	7.1 U	8.7 U	8.3 U	6.4 U	7.6 U
Chlorobenzene	10,000	10,000	Type 3	10,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Chloroethane	170	497,000	Type 4	497,000	Type 4														8.0 U	8.4 U	7.0 U	7.7 U	7.7 U	6.8 U	7.2 U	12 U	7.5 U	9.2 U	8.0 U	7.8 U	7.8 U	7.3 U	8.5 U	7.1 U	8.7 U	8.3 U	6.4 U	7.6 U
cis-1,2-Dichloroethene	7,000	7,000	Type 3	7,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Cyclohexane	20,000	1,093,000	Type 4	1,093,000	Type 4														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Dichlorodifluoromethane	23,300	30,800	Type 4	100,000	Type 3														8.0 U	8.4 U	7.0 U	7.7 U	7.7 U	6.8 U	7.2 U	12 U	7.5 U	9.2 U	8.0 U	7.8 U	7.8 U	7.3 U	8.5 U	7.1 U	8.7 U	8.3 U	6.4 U	7.6 U
Ethylbenzene	70,000	70,000	Type 3	70,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Isopropylbenzene	21,900	85,500	Type 4	85,500	Type 4														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Methylene chloride	500	2,800	Type 4	2,800	Type 4														16 U	17 U	14 U	15 U	15 U	14 U	14 U	24 U	15 U	18 U	16 U	16 U	16 U	15 U	17 U	14 U	17 U	17 U	13 U	15 U
Styrene	14,000	135,000	Type 4	135,000	Type 4														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Tetrachloroethene (PCE)	500	500	Type 3	500	Type 3														25	9.9	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	4.7	4.4 U	4.1 U	18	3.8 U
Toluene	100,000	100,000	Type 3	100,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
trans-1,2-Dichloroethene	10,000	10,000	Type 3	10,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Trichloroethene (TCE)	500	500	Type 3	500	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Vinyl Chloride	200	200	Type 3	200	Type 3														8.0 U	8.4 U	7.0 U	7.7 U	7.7 U	6.8 U	7.2 U	12 U	7.5 U	9.2 U	8.0 U	7.8 U	7.8 U	7.3 U	8.5 U	7.1 U	8.7 U	8.3 U	6.4 U	7.6 U
Xylene (total)	1,000,000	1,000,000	Type 3	1,000,000	Type 3														4.0 U	4.2 U	3.5 U	3.8 U	3.9 U	3.4 U	3.6 U	6.0 U	3.8 U	4.6 U	4.0 U	3.9 U	3.9 U	3.7 U	4.3 U	3.6 U	4.4 U	4.1 U	3.2 U	3.8 U
Semivolatiles- ug/kg																																													
2,4,5-Trichlorophenol	400,000	767,000	Type 4	767,000	Type 4														2500 U	2300 U	2200 U	2200 U	2300 U	2300 U	2100 U	3100 U	2200 U	2300 U	2300 U	2100 U	2100 U	2200 U	2100 U	2200 U	2300 U	2100 U	2200 U	2400 U
2,4,6-Trichlorophenol	3,000	4,560	Type 4	4,560	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
2,4-Dichlorophenol	2,000	7,260	Type 4	7,260	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
2,4-Dimethylphenol	70,000	70,000	Type 3	70,000	Type 3														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
2,4-Dinitrophenol	7,000	7,000	Type 3	7,000	Type 3														2500 U	2300 U	2200 U	2200 U	2300 U	2300 U	2100 U	3100 U	2200 U	2300 U	2300 U	2100 U	2100 U	2200 U	2100 U	2200 U	2300 U	2100 U	2200 U	2400 U
2-Methylphenol	3,800	42,100	Type 4	42,100	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
4-Methylphenol	3,800	55,600	Type 4	55,600	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Acenaphthene	300,000	1,258,000	Type 4	1,258,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Acenaphthylene	130,000	130,000	Type 3	100,000,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Anthracene	500,000	20,187,000	Type 4	20,187,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Benzo(a)anthracene	5,000	10,100	Type 4	10,100	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Benzo(a)pyrene	1,640	4,700	Type 4	4,700	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Benzo(b)fluoranthene	5,000	5,000	Type 3	5,000	Type 3														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Benzo(g,h,i)perylene	500,000	500,000	Type 3	100,000,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Benzo(k)fluoranthene	5,000	49,600	Type 4	49,600	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
bis(2-Chloroisopropyl)ether	171,000	171,000	Type 3	171,000	Type 3														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
bis(2-Ethylhexyl)phthalate	50,000	326,000	Type 4	326,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Chrysene	5,000	152,000	Type 4	152,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Dibenz(a,h)anthracene	2,050	7,840	Type 4	22,900	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Di-n-butylphthalate	400,000	514,000	Type 4	514,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Di-n-octyl phthalate	70,000	20,440,000	Type 4	100,000,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Fluoranthene	500,000	9,084,000	Type 4	9,084,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Fluorene	360,000	1,514,000	Type 4	1,514,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Indeno(1,2,3-cd)pyrene	5,000	78,400	Type 4	111,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Naphthalene	100,000	100,000	Type 3	100,000	Type 3														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
N-Nitrosodiphenylamine	6,460	8,880	Type 4	8,880	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Pentachlorophenol (PCP)	3,300	3,300	Type 3	3,300	Type 3														2500 U	2300 U	2200 U	2200 U	2300 U	2300 U	2100 U	3100 U	2200 U	2300 U	2300 U	2100 U	2100 U	2200 U	2100 U	2200 U	2300 U	2100 U	2200 U	2400 U
Phenanthrene	110,000	110,000	Type 3	100,000,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	790	440 U	460 U
Phenol	400,000	400,000	Type 3	400,000	Type 3														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Pyrene	500,000	6,677,000	Type 4	6,677,000	Type 4														480 U	450 U	420 U	430 U	450 U	440 U	410 U	600 U	430 U	450 U	450 U	410 U	410 U	420 U	400 U	420 U	450 U	400 U	440 U	460 U
Pesticides - mg/kg																																													
4,4' -DDD	0.660	12.9	Type 4	12.9	Type 4	19	0.0038 U	0.0041 U	0.0049	0.076	0.0042 U	0.0042 U	49	41	0.80	0.99	0.014	0.0046 U	0.0048 U	0.0046 U	0.0042 U	0.0043 U	0.012	0.0045 U	0.0041 U	0.0061 U	0.0043 U	0.0046 U	0.0046 U									
4,4' -DDE	0.660	9.15	Type 4	9.15	Type 4	0.44	0.0038 U	0.0041 U	0.0042 U	0.093	0.0042 U	0.0075	3.5	0.80	0.14	0.23	0.0042 U	0.0046 U	0.0048 U	0.0046 U	0.0042 U	0.0043 U	0.0045 U	0.0045 U	0.0041 U	0.0061 U	0.0043 U	0.0046 U	0.0046 U									
4,4' -DDT	0.660	13.1	Type 4	13.1	Type 4	30	0.0038 U	0.0041 U	0.0042 U	0.65	0.0042 U	0.016	0.80	0.24 U	5.0	0.33	0.0042 U	0.0046 U	0.0048 U	0.0046 U	0.0042 U	0.0043 U	0.0045 U	0.0045 U	0.0041 U	0.0061 U	0.0043 U	0.0046 U	0.0046 U									
Aldrin	0.660	0.66	Type 3	0.66	Type 3														0.0024 U	0.0023 U	0.0021 U	0.0022 U	0.0023 U	0.0022 U	0.0021 U	0.0030 U	0.0022 U	0.0023 U	0.0023 U									
alpha-BHC	0.660	0.66	Type 3	0.66	Type 3														0.0024 U	0.0023 U	0.0021 U	0.0022 U	0.0023 U	0.0022 U	0.0021 U	0.0030 U	0.0022 U	0.0023 U	0.0023 U									
beta-BHC	0.660	0.66	Type 3	0.66	Type 3														0.0024 U	0.0023 U	0.0021 U	0.0022 U	0.0023 U	0.0022 U	0.0021 U	0.0030 U	0.0022 U	0.0023 U	0.0023 U									
Chlordane	9.20	9.2	Type 3	9.2	Type 3														0.0024 U	0.0023 U	0.0021 U	0.0022 U	0.0028	0.0022 U	0.0021 U	0.0030 U	0.0022 U	0.0023 U	0.0023 U									
delta-BHC	25.0	25.0	Type 3	100,000	Type 4														0.0024 U	0.0023 U	0.0021 U	0.0022 U	0.0023 U	0.0022 U	0.0021 U	0.0030 U	0.0022 U	0.0023 U	0.0023 U									
Dieldrin	0.660	0.66	Type 3	0.66	Type 3														0.0048 U	0.0046 U	0.0042 U	0.0043 U	0.0045 U	0.0045 U	0.0041 U	0.0061 U	0.0043 U	0.0046 U	0.0046 U									
Endosulfan I	10.0	10	Type 3	10	Type 3														0.0024 U	0.0023 U	0.0021 U	0.0022 U	0.0023 U	0.0022 U	0.0021 U	0.0030 U	0.0022 U	0.0023 U	0.0023 U									
Endosulfan II	10.0	10	Type 3	10	Type 3														0.0048 U	0.0046 U	0.0042 U	0.0043 U	0.0045 U	0.0045 U	0.0041 U	0.0061 U	0.0043 U	0.0046 U	0.0046 U									
Endosulfan sulfate	1.65	1.65	Type 3	100,000	Type 4														0.0048 U	0.0046 U	0.0042 U	0.0043 U	0.0045 U	0.0045 U	0.0041 U	0.0061 U	0.0043 U	0.0046 U	0.0046 U									
Endrin	10.0	24.8	Type 4	24.8	Type 4														0.0048 U	0.0046 U	0.0042 U	0.0043 U	0.0045 U	0.0045 U	0.0041 U	0.0061 U	0.0043 U	0.0046 U	0.0046 U									
Endrin aldehyde	10.0	10	Type 3	100,000	Type 3														0.0048 U	0.0046 U	0.0042 U	0.0043 U	0.0045 U	0.0045 U	0.0041 U	0.0061 U	0.0043 U	0.0046 U	0.0046 U									
Endrin ketone	10.0	10	Type 3	100,000	Type 4														0.0048 U	0.0046 U	0.0042 U	0.0043 U	0.0045 U	0.0045 U	0.0041 U	0.0061 U	0.0043 U	0.0046 U	0.0046 U									
gamma-BHC (Lindane)	0.660	0.66	Type 3	0.66	Type 3														0.0024 U	0.0023 U	0.0021 U	0.0022 U	0.0023 U	0.0022 U	0.0021 U	0.0030 U	0.0022 U	0.0023 U	0.0023 U									
gamma-Chlordane	9.20	9.2	Type 3	9.2	Type 3														0.0024 U	0.0023 U	0.0021 U	0.0022	0.0088	0.0022 U	0.0021 U	0.0030 U	0.0022 U	0.0023 U	0.0023 U									
Heptachlor epoxide	1.64	1.65	Type 3	1.65	Type 3														0.0024 U	0.0023 U	0.0021 U	0.0022 U	0.0023 U	0.0022 U	0.0021 U	0.0030 U	0.0022 U	0.0023 U	0.0023 U									
Methoxychlor	10.0	552	Type 4	552	Type 4														0.024 U	0.023 U	0.021 U	0.022 U	0.023 U	0.022 U	0.021 U	0.030 U	0.022 U	0.023 U	0.023 U									

Notes:

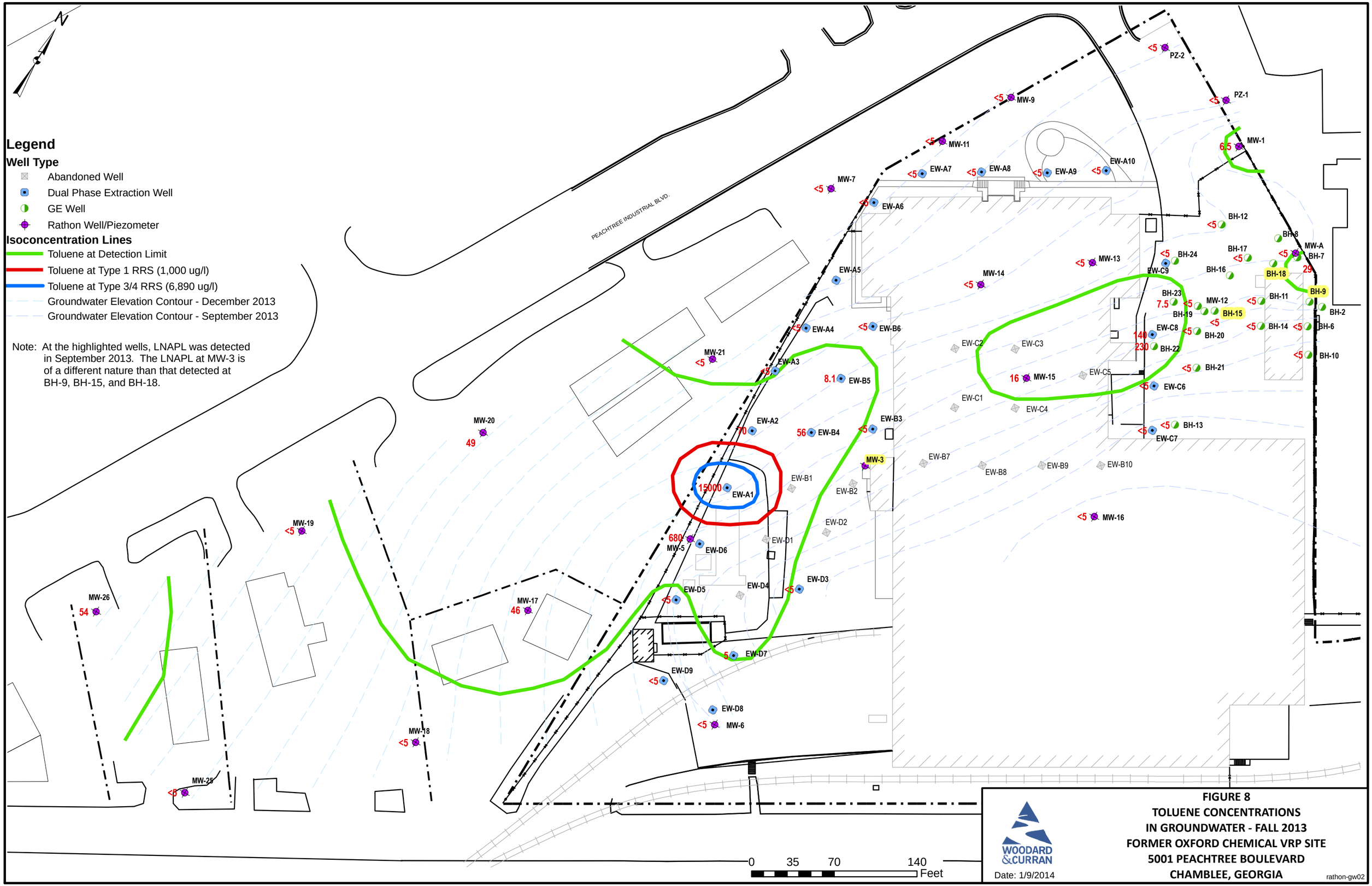
U Analyte not detected at indicatd quantitation limit

Denotes constituent concentration exceeds the higher of the Type 3/Type 4 RRS for soil.

Denotes concentration above the Type 1 RRS (delineation standard)

Denotes non-detect value above the Type 1 RRS (delineation standard)

Denotes non-detect value above the higher of the Type 3/ Type 4 RRS (cleanup standard)

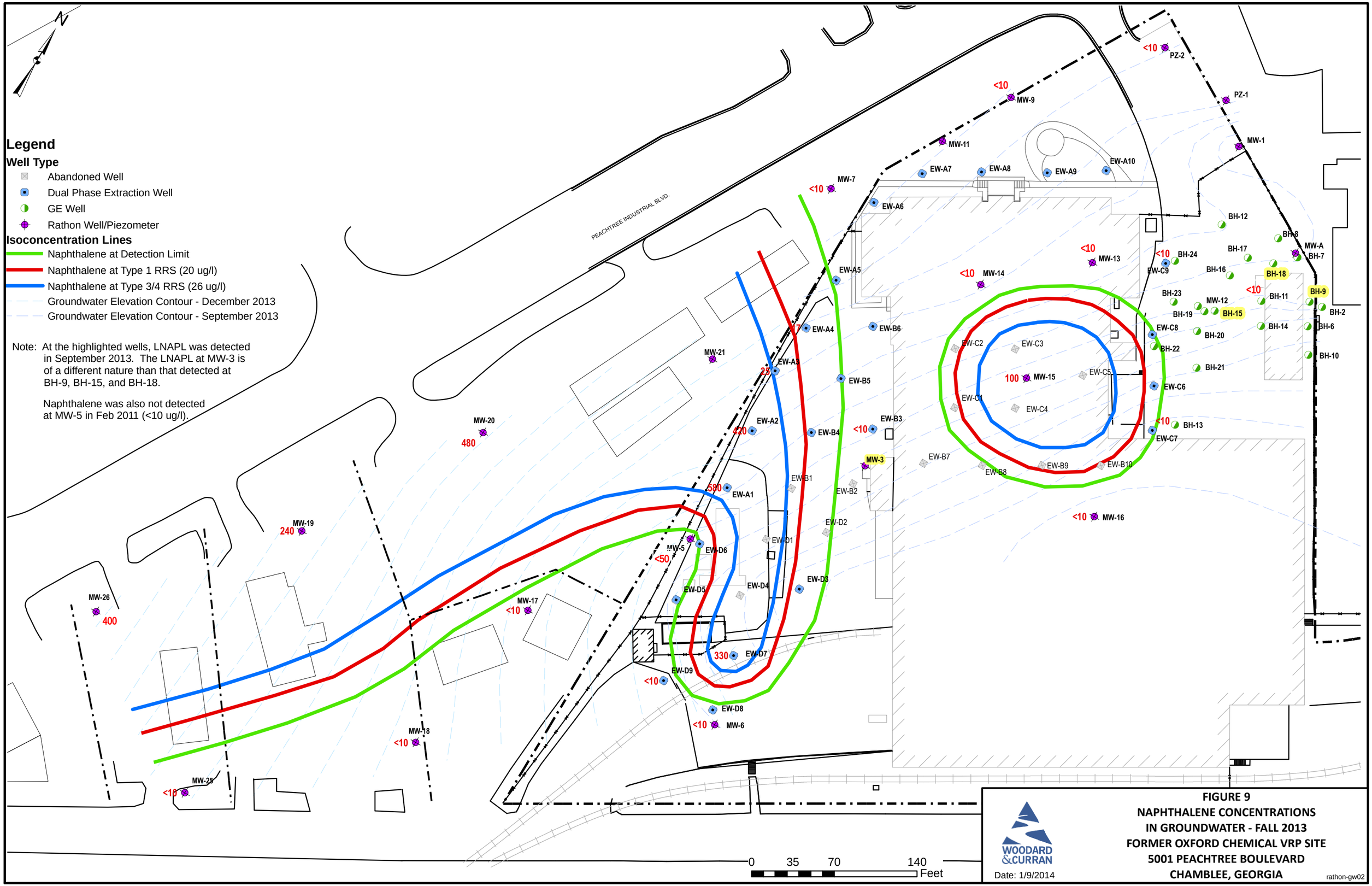


WOODARD & CURRAN

Date: 1/9/2014

FIGURE 8
TOLUENE CONCENTRATIONS
IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA

rathon-gw02



WOODARD & CURRAN

Date: 1/9/2014

FIGURE 9
NAPHTHALENE CONCENTRATIONS IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA

rathon-gw02

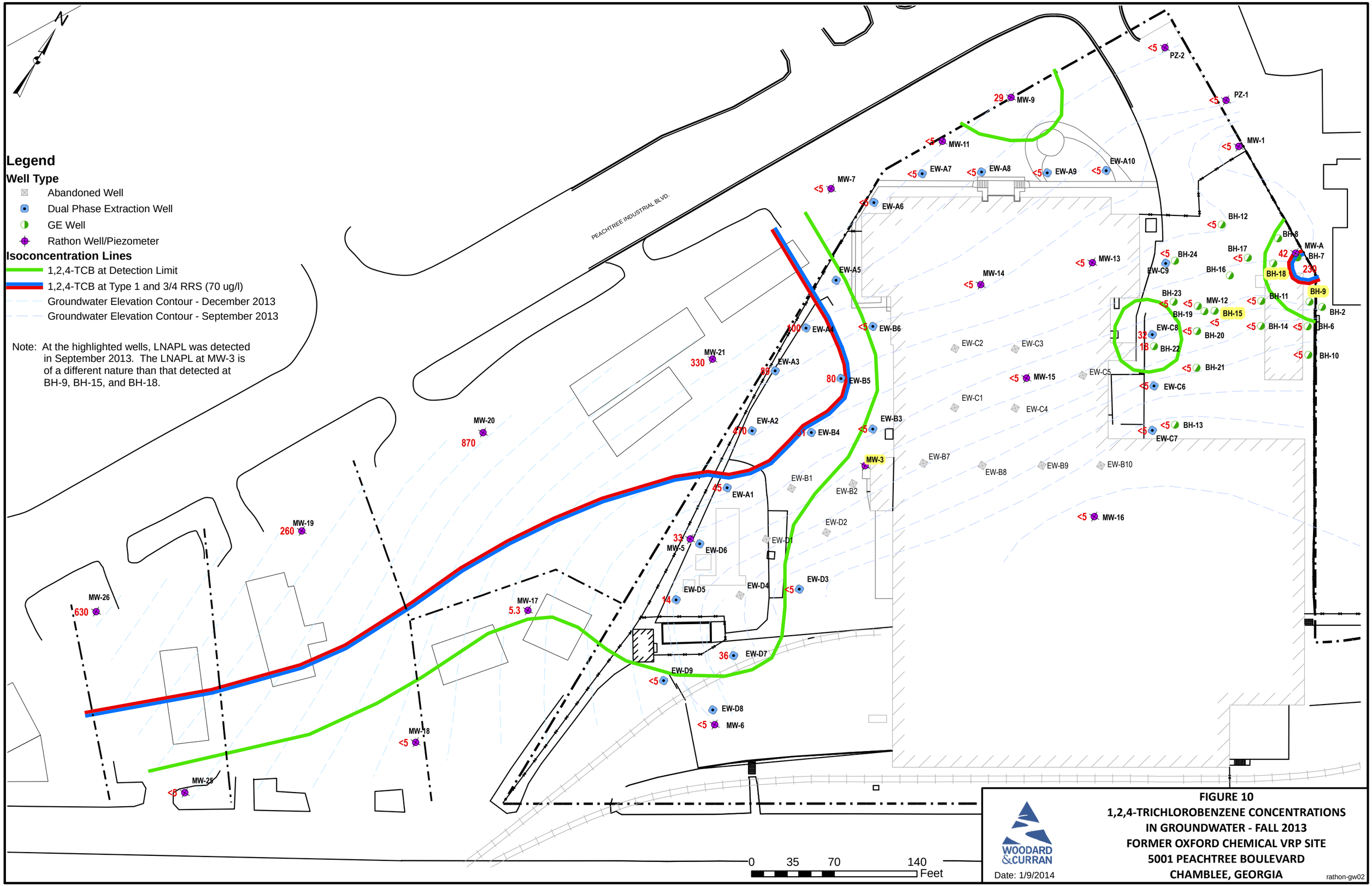
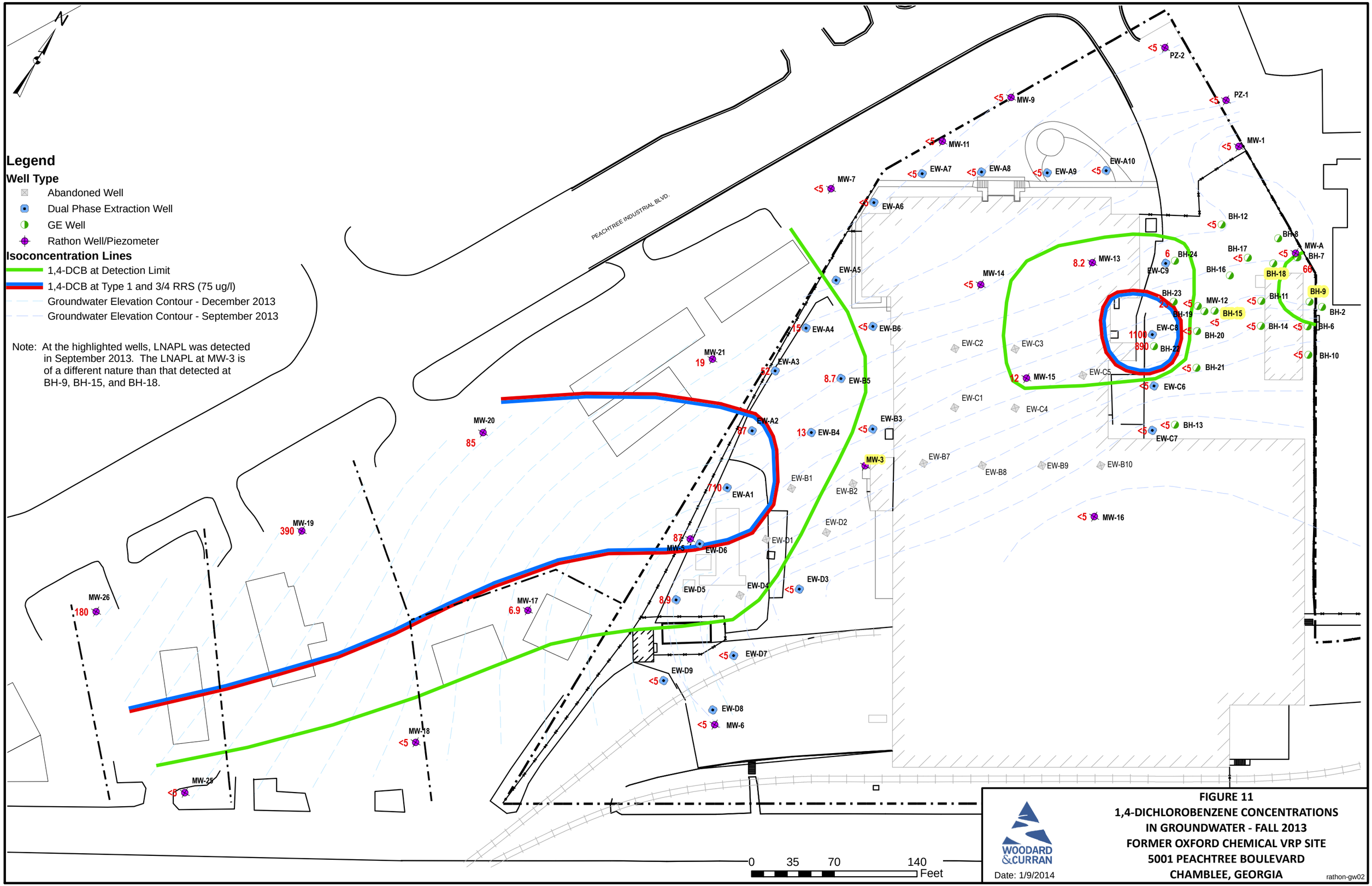


FIGURE 10
1,2,4-TRICHLOROBENZENE CONCENTRATIONS IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA



WOODARD & CURRAN

Date: 1/9/2014

FIGURE 11
1,4-DICHLOROBENZENE CONCENTRATIONS IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA

rathon-gw02

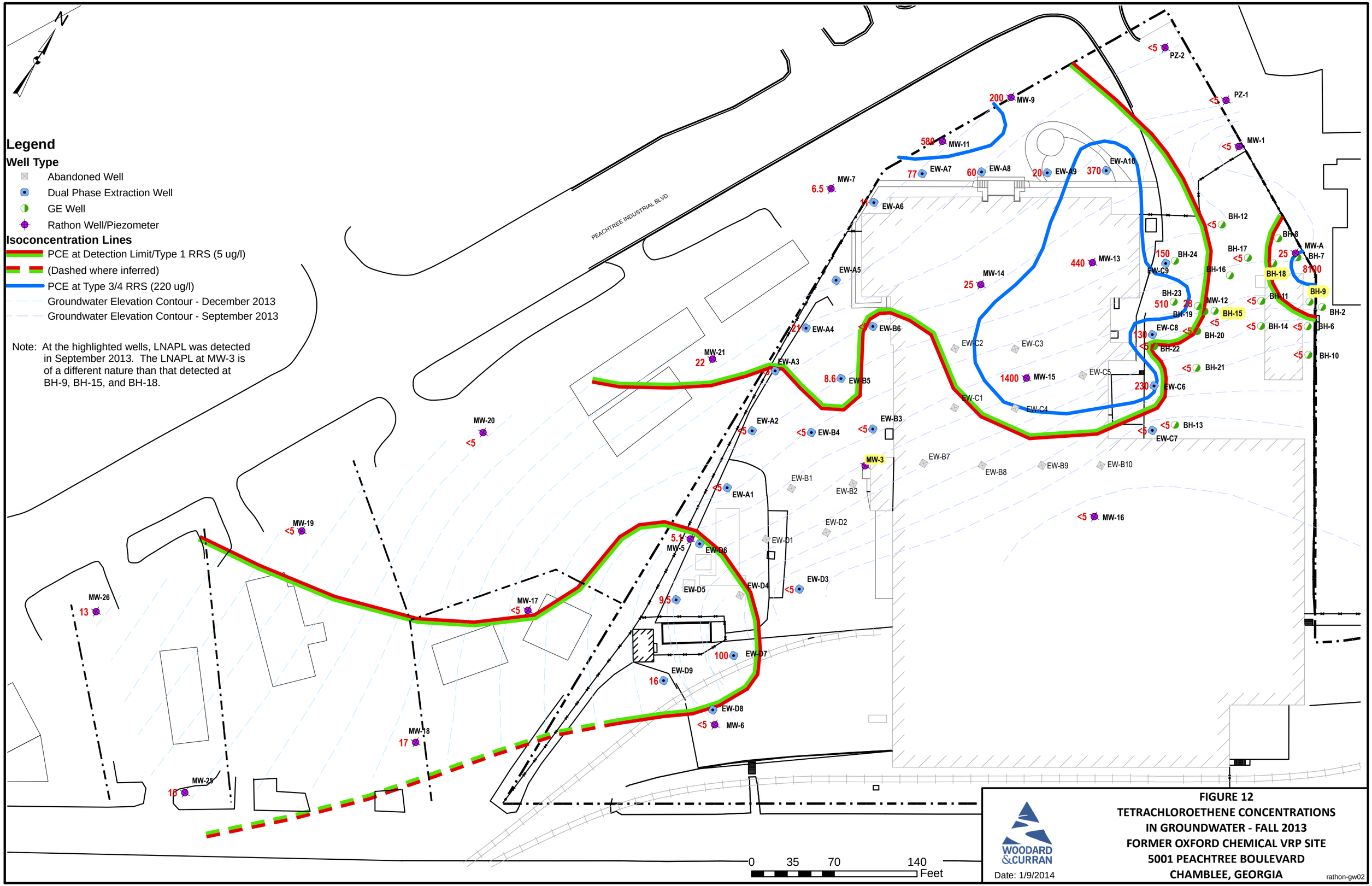
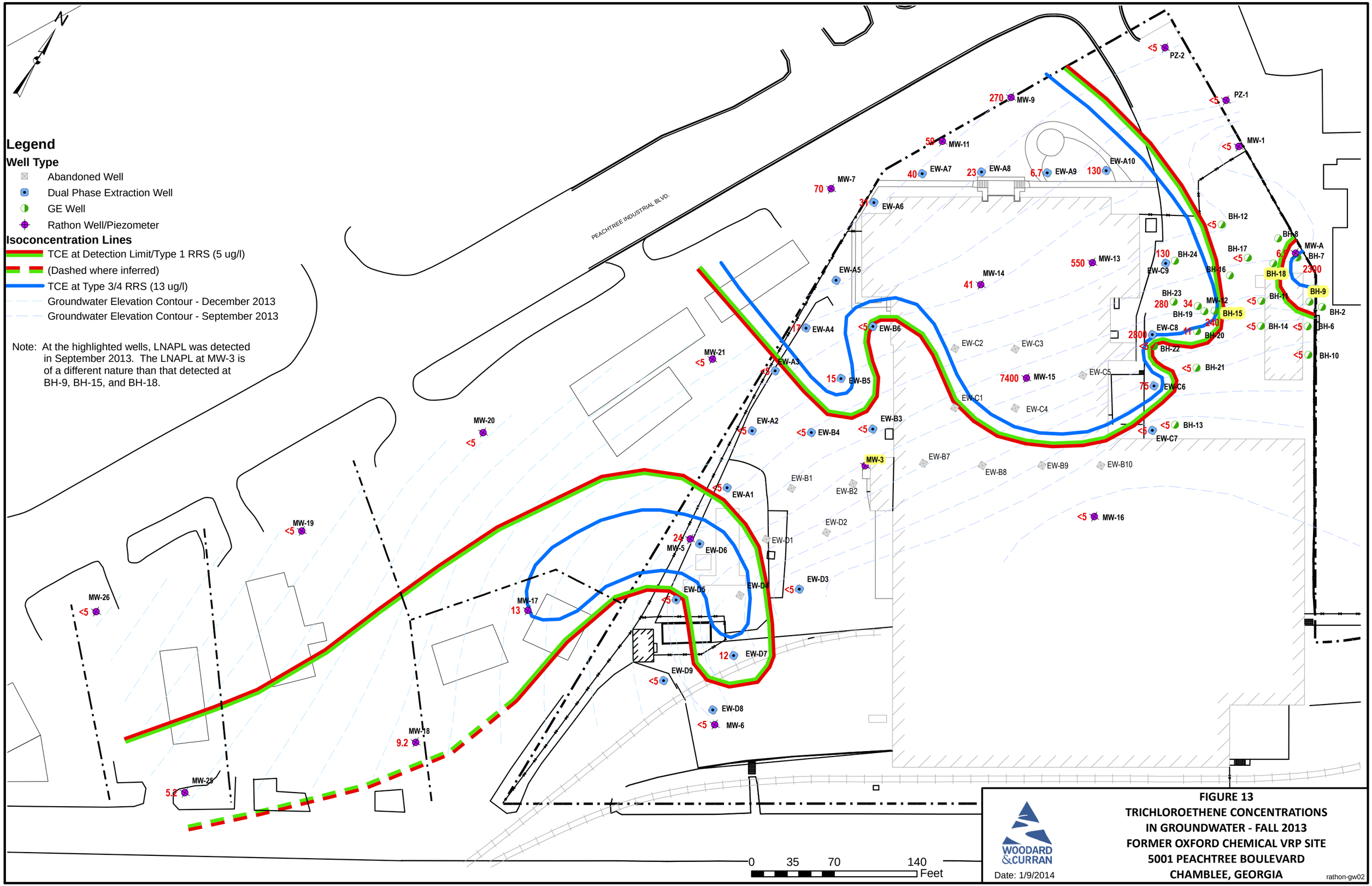


FIGURE 12
TETRACHLOROETHENE CONCENTRATIONS IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA


N
Legend
Well Type
Abandoned Well
Dual Phase Extraction Well
GE Well
Rathon Well/Piezometer
Isoconcentration Lines
TCE at Detection Limit/Type 1 RRS (5 ug/l)
(Dashed where inferred)
TCE at Type 3/4 RRS (13 ug/l)
Groundwater Elevation Contour - December 2013
Groundwater Elevation Contour - September 2013
Note: At the highlighted wells, LNAPL was detected in September 2013. The LNAPL at MW-3 is of a different nature than that detected at BH-9, BH-15, and BH-18.
PEACHTREE INDUSTRIAL BLVD.
0 35 70 140 Feet
WOODARD & CURRAN
Date: 1/9/2014
FIGURE 13
TRICHLOROETHENE CONCENTRATIONS
IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA
rathon-gw02

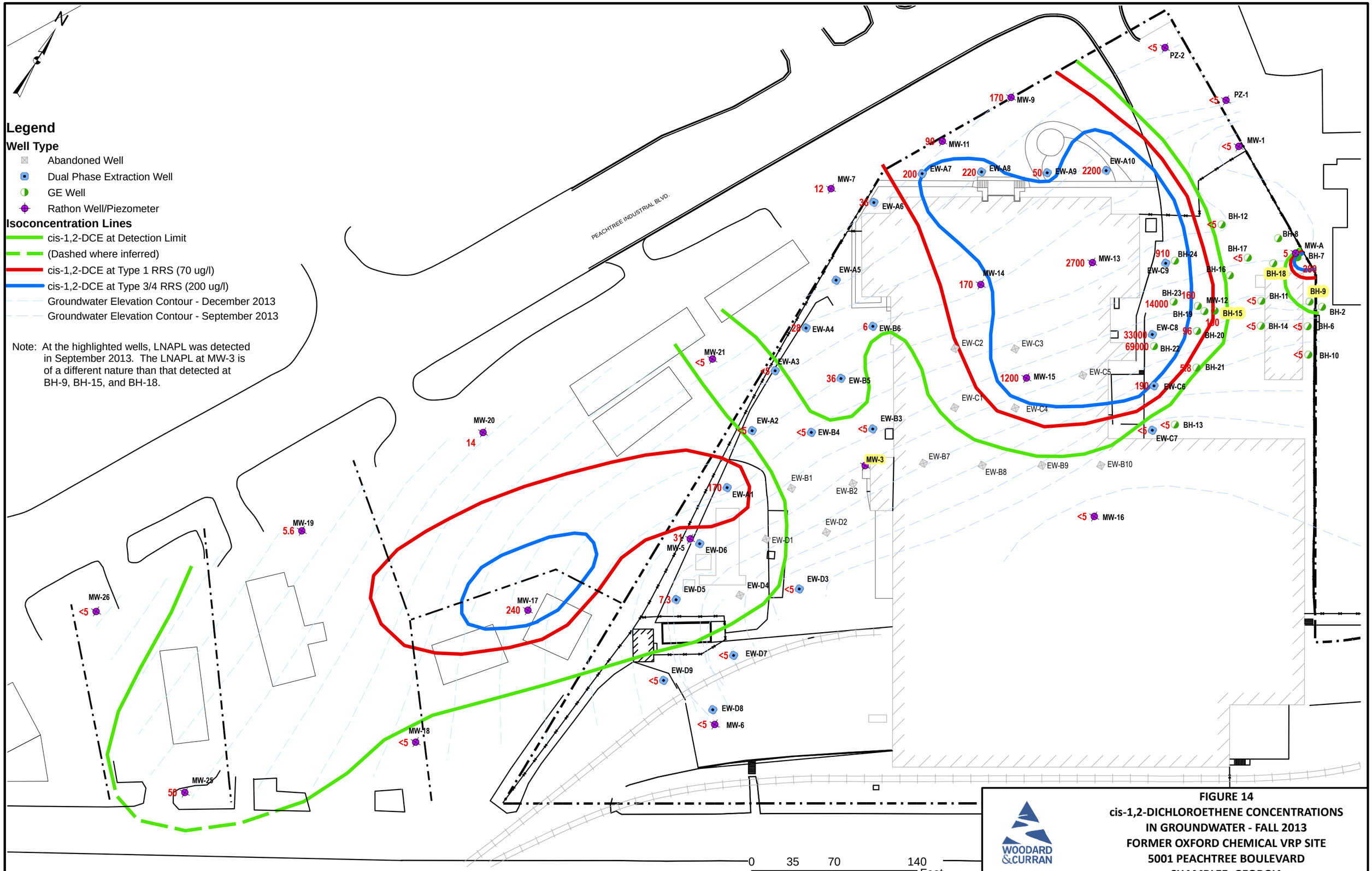
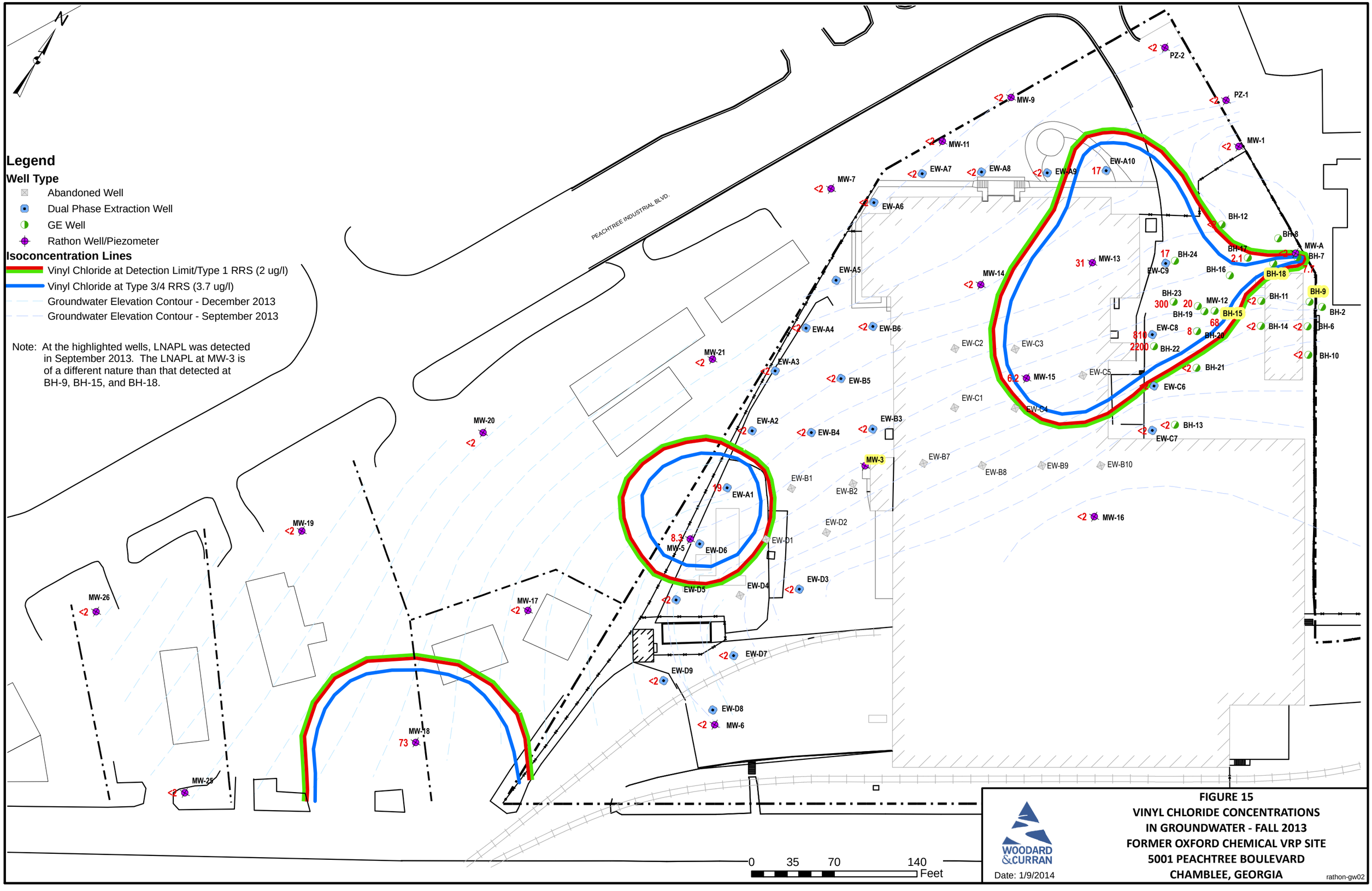
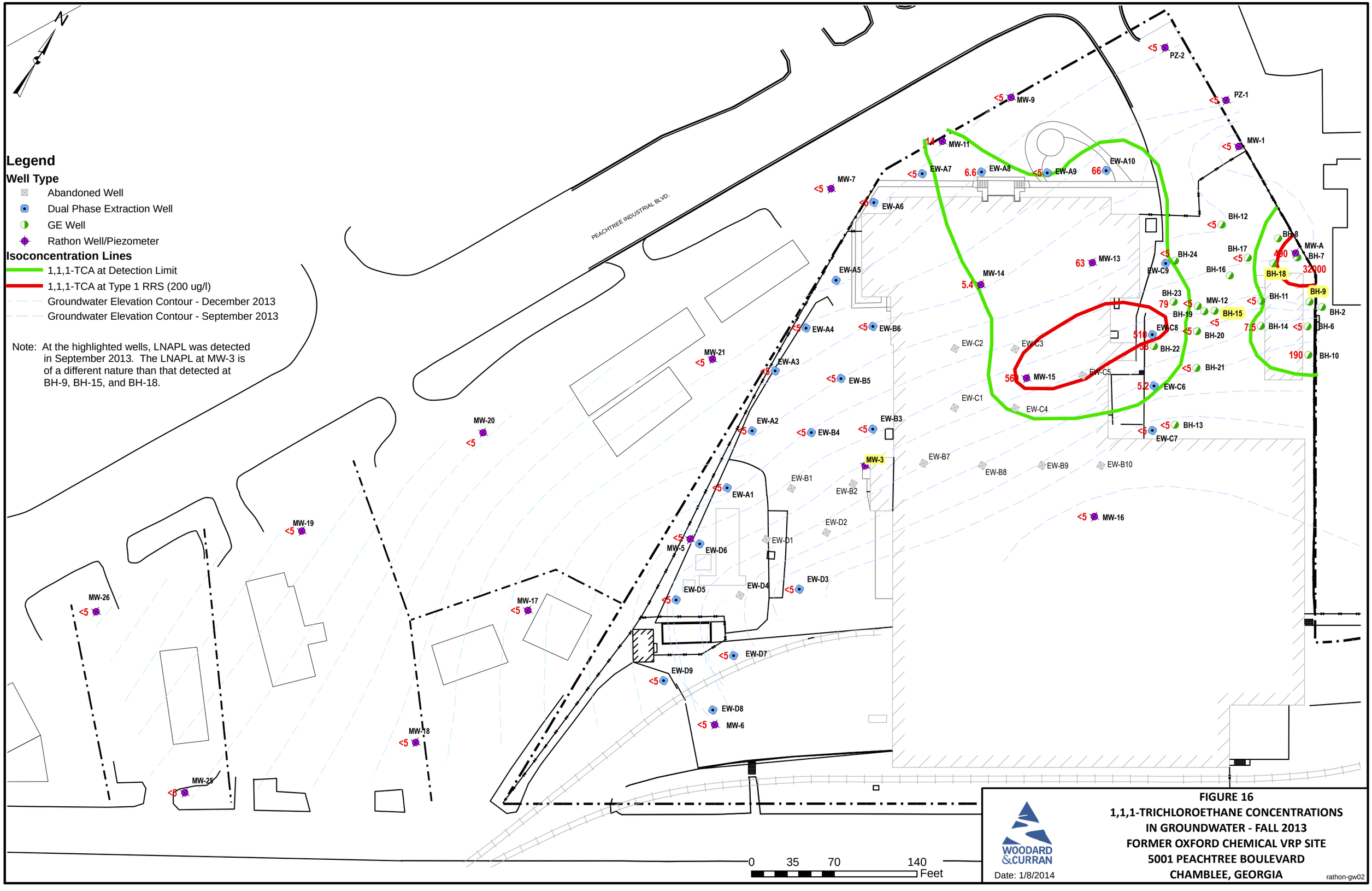


FIGURE 14
cis-1,2-DICHLOROETHENE CONCENTRATIONS IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA


N
Legend
Well Type
Abandoned Well
Dual Phase Extraction Well
GE Well
Rathon Well/Piezometer
Isoconcentration Lines
Vinyl Chloride at Detection Limit/Type 1 RRS (2 ug/l)
Vinyl Chloride at Type 3/4 RRS (3.7 ug/l)
Groundwater Elevation Contour - December 2013
Groundwater Elevation Contour - September 2013
Note: At the highlighted wells, LNAPL was detected in September 2013. The LNAPL at MW-3 is of a different nature than that detected at BH-9, BH-15, and BH-18.
PEACHTREE INDUSTRIAL BLVD.
PZ-2
PZ-1
MW-9
MW-11
MW-1
EW-A7
EW-A8
EW-A9
EW-A10
MW-7
EW-A6
BH-12
BH-8
MW-A
BH-7
BH-17
2.1
7.5
BH-18
BH-16
17
BH-24
EW-C9
31
MW-13
EW-A5
MW-14
BH-23
300
20
MW-12
BH-19
BH-15
68
BH-11
BH-9
BH-2
BH-14
BH-6
BH-10
EW-C8
810
2200
BH-22
8
BH-20
EW-A4
EW-B6
EW-C2
EW-C3
MW-21
EW-A3
EW-B5
6.2
MW-15
EW-C5
BH-21
EW-C6
EW-C1
EW-C4
EW-A2
EW-B4
EW-B3
BH-13
EW-C7
MW-20
MW-3
EW-B7
EW-B8
EW-B9
EW-B10
EW-B1
EW-B2
19
EW-A1
MW-16
MW-19
8.3
MW-5
EW-D6
EW-D1
EW-D2
EW-D3
EW-D4
EW-D5
MW-26
MW-17
EW-D7
EW-D9
EW-D8
MW-6
MW-18
73
MW-25
0
35
70
140
Feet
WOODARD &CURRAN
Date: 1/9/2014
FIGURE 15
VINYL CHLORIDE CONCENTRATIONS
IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA
rathon-gw02

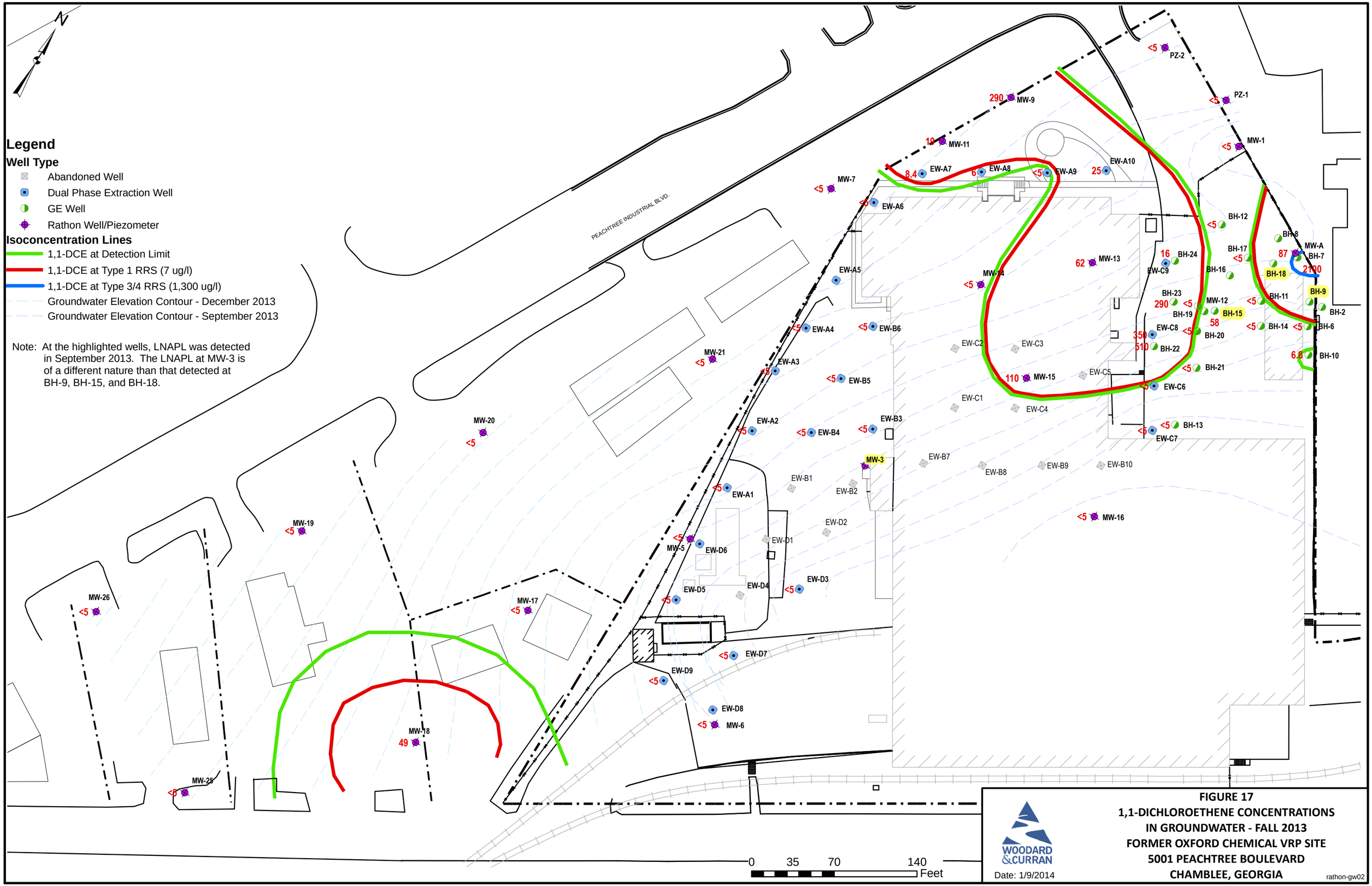


WOODARD & CURRAN

Date: 1/8/2014

FIGURE 16
1,1,1-TRICHLOROETHANE CONCENTRATIONS IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA

rathon-gw02


N
Legend
Well Type
Abandoned Well
Dual Phase Extraction Well
GE Well
Rathon Well/Piezometer
Isoconcentration Lines
1,1-DCE at Detection Limit
1,1-DCE at Type 1 RRS (7 ug/l)
1,1-DCE at Type 3/4 RRS (1,300 ug/l)
Groundwater Elevation Contour - December 2013
Groundwater Elevation Contour - September 2013
Note: At the highlighted wells, LNAPL was detected in September 2013. The LNAPL at MW-3 is of a different nature than that detected at BH-9, BH-15, and BH-18.
PEACHTREE INDUSTRIAL BLVD.
PZ-2
PZ-1
MW-1
MW-9
290
MW-11
19
EW-A7
8.4
EW-A8
6
EW-A9
EW-A10
25
MW-7
EW-A6
EW-A5
BH-12
BH-8
MW-A
BH-7
87
2100
BH-17
BH-18
BH-9
BH-2
BH-6
BH-10
BH-11
BH-14
BH-16
BH-24
16
EW-C9
62
MW-13
MW-14
BH-23
290
MW-12
BH-19
BH-15
58
EW-C8
350
510
BH-22
BH-20
BH-21
6.8
EW-C6
EW-C5
110
MW-15
EW-C2
EW-C3
EW-C1
EW-C4
BH-13
EW-C7
EW-A4
EW-B6
MW-21
EW-A3
EW-B5
EW-A2
EW-B4
EW-B3
MW-20
MW-3
EW-B7
EW-B8
EW-B9
EW-B10
EW-B1
EW-B2
EW-A1
MW-16
MW-19
EW-D2
MW-5
EW-D6
EW-D1
EW-D3
EW-D5
EW-D4
MW-26
MW-17
EW-D7
EW-D9
EW-D8
MW-6
MW-18
49
MW-25
0
35
70
140
Feet
WOODARD &CURRAN
Date: 1/9/2014
FIGURE 17
1,1-DICHLOROETHENE CONCENTRATIONS
IN GROUNDWATER - FALL 2013
FORMER OXFORD CHEMICAL VRP SITE
5001 PEACHTREE BOULEVARD
CHAMBLEE, GEORGIA
rathon-gw02

APPENDIX D – UNIFORM ENVIRONMENTAL COVENANT

Georgia Department of Natural Resources

Environmental Protection Division

2 Martin Luther King, Jr. Dr., Suite 1456, Atlanta, Georgia 30334
Judson H. Turner, Director
Phone (404) 656-4713

MAY 26 2016

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Andrea Rimer, Esq.
Troutman Sanders LLP
Bank of America Plaza
600 Peachtree Street, Suite 5200
Atlanta, Georgia 30308

Re: Executed Uniform Environmental Covenant
Former Oxford Chemical Property (Rathon), Sublisted to HSI Site No. 10072
5001 Peachtree Blvd, Chamblee, DeKalb County, Georgia
Tax Parcel 18-278-14-002

Dear Ms. Rimer:

The Georgia Environmental Protection Division (EPD) has approved the Uniform Environmental Covenant (UEC) submitted for the former Former Oxford Chemical Property (Rathon) site. The fully executed original is enclosed. Within thirty (30) days of receipt, this covenant is to be filed with the clerk of the Superior Court of DeKalb County and recorded in the clerk's deed records pursuant to O.C.G.A. 44-16-8.

Within thirty (30) days of recording, please submit a file-stamped copy of the covenant to EPD. The submittal should include a certification that the parties listed in paragraph 8 of the covenant have also been sent a file-stamped copy. If you have any questions, please contact Robin Futch, PG, PMP of the Response and Remediation Program at (404) 657-8686.

Sincerely,

Judson H. Turner
Director

Encl: Fully executed UEC – Parcel ID No. 18-278-14-002

File: Former Oxford Chemical Site, Sublisted to HSI #10072

After Recording Return to:

Andrea Rimer, Esq.
Troutman Sanders LLP
Bank of America Plaza
600 Peachtree Street, Suite 5200
Atlanta, Georgia 30308

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor:	Downtown Development Authority of the City of Chamblee 5468 Peachtree Road Chamblee, GA 30341
Grantees/Holders:	Rathon Corp. c/o Molson Coors Brewing Company Attn: Rob Simmons 1225 17th Street, Suite 3200 Denver, CO 80202 Peachtree Crossing, LLC 5 SW Broad Street, Suite B Fairburn, Georgia 30213
Grantee/Entity with express power to enforce:	State of Georgia Department of Natural Resources Environmental Protection Division 2 Martin Luther King Jr. Drive, SE Suite 1456 East Tower Atlanta, GA 30334
Parties with a recorded interest in the Property:	Georgia Power Company 241 Ralph McGill Boulevard Bin 10151 Atlanta, Georgia 30308

Norfolk Southern Corporation
(as successor in interest to Southern Railway Company)
Three Commercial Place
Norfolk, Virginia 23510

National Life Insurance Company
One National Life Drive
Montpelier, Vermont 05604

DeKalb County
Department of Watershed Management
1580 Roadhaven Dr.
Stone Mountain, GA 30083

Whole Foods Market Group, Inc.
550 Bowie Street
Austin, Texas 78703

United Community Bank
2230 Riverside Parkway
Lawrenceville, Georgia 30043

OUTFRONT Media, Inc.
f/k/a CBS Outdoor, Inc.
405 Lexington Avenue, 17th Floor
New York, NY 10174

Thoroughbred Technology and Telecommunications, Inc.
Three Commercial Place
Norfolk, VA 23510

Property:

The property subject to this Environmental Covenant is the former Oxford Chemicals property sub-listed as part of the General Electric Apparatus Service Center Hazardous Site Inventory Site #10072), located at 5001 Peachtree Boulevard in Chamblee, DeKalb County, Georgia (hereinafter the "Property"). The Property was conveyed on June 3, 2015 from Peachtree Village Partners, LLC to Peachtree Crossing, LLC and recorded in Deed Book 24974, Pages 123-178 of the DeKalb County Records. The Property was conveyed by limited warranty deed dated November 1, 2015 from Peachtree Crossing, LLC ("Peachtree Crossing") to the Downtown Development Authority of the City of Chamblee (the "Development Authority") and recorded in Deed Book 25344, Page 87 of the DeKalb County Records, whereby the Development Authority issued and sold the Development Authority's Economic Development Revenue Bond (Peachtree Crossing, LLC Project), Series 2015 to Peachtree Crossing, validated and confirmed by judgment of the Superior Court of DeKalb County in the case of State of Georgia v. Downtown Development Authority of the City of Chamblee and Peachtree Crossing, LLC, Case No. 15CV11386-5, and to finance such bond, the Development Authority leased the Property back to Peachtree Crossing pursuant to that certain lease agreement between the Development Authority, as lessor, and Peachtree Crossing, as lessee, dated November 1, 2015 (the "Lease"). The Property is located in Land Lots 278 and 300 of the 18th Land District of the City of Chamblee, DeKalb County, Georgia. The Property consists of approximately 8.27 acres, which was historically developed

as a manufacturing facility but which is currently undergoing redevelopment for commercial purposes including, without limitation, a grocery store, restaurants and other retail establishments. A complete legal description of the Property is attached as Exhibit A and a map of the area is attached as Exhibit B.

Tax Parcel Number(s):

Tax Parcel 18-278-14-002 of DeKalb County, Georgia

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following documents (as same may be amended from time to time with written approval from EPD):

- Voluntary Remediation Plan, Former Oxford Chemical Property, dated March 31, 2013.
- VRP Semi-Annual Status Reports, dated January 10, 2014, September 24, 2014; February 16, 2015; and August 31, 2015.
- EPD Letter, dated October 16, 2014 concurring with Certification of Compliance contained in the September 24, 2014 VRP Semi-Annual Status Report.
- Prospective Purchaser Compliance Status Report dated March 9, 2015.
- VRP Compliance Status Report.

These documents are available at the following location:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1054 East Tower
Atlanta, GA 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been sub-listed as part of Georgia Hazardous Site Inventory Site #10072 on the state's Hazardous Site Inventory due to a release of a regulated substance and has been designated as needing corrective action in accordance with the Rules for Hazardous Site Response. Contact the property owner or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act (HSRA).

This Declaration of Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq.* by the Development Authority, Peachtree Crossing, Rathon Corp. and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), and their respective successors and assigns. This Environmental Covenant is required because a release of regulated substances, including benzene, acetone, chlorinated benzenes, chlorinated ethenes and ethanes, naphthalene, xylenes, polynuclear aromatic hydrocarbons, phenol, methyl phenols, Acetophenone, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, beta-BHC, chlordane, Dieldrin, Lindane, and PCB Aroclors 1260,1232 and 1016 occurred on the Property. These chemicals are "regulated substances" as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively). Corrective Action at the Property conducted by Rathon Corp. and Tyson Foods (formerly the Hillshire

Brands Company) consisted of soil remediation to nonresidential risk reduction standards, which has been completed and approved by EPD in its letter dated October 16, 2014, and the installation and maintenance of institutional controls (restrictions on use of groundwater, limitation of use to non-residential and vapor mitigation measures) (the "Institutional Controls") to protect human health and the environment.

Grantor, Development Authority hereby binds Grantor, its successors and assigns to the activity and use restriction(s) for the Property identified herein and grants such other rights under this Environmental Covenant in favor of Rathon Corp., Peachtree Crossing and EPD. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from exercising any authority under applicable law.

Grantor makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9 and 10; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of Rathon Corp., Peachtree Crossing and EPD, and their respective successors and assigns and shall be enforceable by the Director or his agents or assigns, Rathon Corp. or its successors and assigns, and other party(ies) as provided for in O.C.G.A. § 44-16-11 in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. EPD shall be provided with the name, address, phone number, and contact person for any new property owner(s) within thirty (30) days after sale. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Institutional Controls.

3. Notice of Limitation in Future Conveyances. Each lease, easement or security deed hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Periodic Reporting. The Owner shall cause the Property and applicable property instruments to be inspected at least annually to ensure compliance with this document. Annually, by no later than December 31st, following the effective date of this Environmental Covenant, the Owner shall ensure that the VRP Annual Property Evaluation Form attached to this document as Exhibit C is completed and submitted to EPD. So long as the Owner remains the Development Authority, pursuant the Lease, Peachtree Crossing shall conduct all annual inspections of the Property and shall complete and submit to EPD the VRP Annual Property Evaluation Form attached as Exhibit C. This report

will document whether or not the activity and use limitations in this Environmental Covenant are being abided by.

5. Activity and/or Use Limitations. The current use of the Property is non-residential, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under the DeKalb County zoning regulations as of the date of this Environmental Covenant. Any residential use of the Property shall be prohibited. A vapor mitigation system or barrier shall be installed and maintained with the construction of any enclosed structures on the Property unless and until either: (a) the HSRA regulated substances in groundwater at the Property reach HSRA Risk Reduction Standards, or (b) the Owner has performed a vapor intrusion exposure pathway evaluation and received written approval from EPD stating that no vapor mitigation system or barrier is required with respect to the particular structure or area of the Property at issue.

6. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes shall be prohibited.

7. Right of Access. In addition to any rights already possessed by EPD and/or Rathon Corp., the Owner shall allow authorized representatives of EPD and/or Rathon Corp. the right to enter the Property at reasonable times for the purpose of evaluating the Corrective Action; to take samples, to inspect the Corrective Action conducted at the Property, to determine compliance with this Environmental Covenant, and to inspect records that are related to the Corrective Action.

8. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) Rathon Corp. as Holder, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government, or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

9. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with applicable Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07, whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq.*

10. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

11. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto to the best of its knowledge and belief:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title;
c) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
d) Pursuant to the Lease, Grantor has caused Peachtree Crossing to investigate, and Peachtree Crossing has represented and warranted to the Grantor and/or Grantees/Holders that, Peachtree Crossing has identified all other parties that hold any interest (e.g., encumbrance) in the Property and has caused Peachtree Crossing to notify such parties of the Grantor's intention to enter into this Environmental Covenant;
e) Pursuant to the Lease, Grantor has caused Peachtree Crossing to serve each of the people or entities referenced in Activity 8 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d);
f) That, pursuant to the Lease, Grantor has caused Peachtree Crossing to investigate, and Peachtree Crossing has represented and warranted that this Environmental Covenant does not materially violate or contravene any zoning law or other law regulating use of the Property; and
g) That pursuant to the Lease, Grantor has caused Peachtree Crossing to investigate, and Peachtree Crossing has represented and warranted that this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief, Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1054 East Tower
Atlanta, GA 30334

Rathon Corp.
c/o Molson Coors Brewing Company
Attn: Rob Simmons
1225 17th Street, Suite 3200
Denver, CO 80202

Downtown Development Authority of the City of Chamblee
5468 Peachtree Road
Chamblee, GA 30341
Attn: Chairman

Peachtree Crossing, LLC
5 SW Broad Street, Suite B
Fairburn, Georgia 30213

Grantor has caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 2016.

Signed, sealed, and delivered in the presence of:

Leslie C Robson
Unofficial Witness *(Signature)*

Leslie C Robson
Unofficial Witness Name *(Print)*

3747 Longview Dr.
Chamblee, GA 30341
Unofficial Witness Address *(Print)*

For the Grantor:

Downtown Development Authority of the City of Chamblee
Name of Grantor *(Print)*

David A Carter (Seal)
Grantor's Authorized Representative *(Signature)*

DAVID CARTER
Authorized Representative Name *(Print)*

CHAIR
Title of Authorized Representative *(Print)*

Dated: 3/14/16

Notary Public *(Signature)*

(NOTARY SEAL)

My Commission Expires: MARCH 4, 2019

ADAM J CAUSEY
MY COMMISSION EXPIRES
NOTARY
PUBLIC
MARCH 4, 2019
DEKALB COUNTY, GEORGIA

[Signatures continue on next page]

Signed, sealed, and delivered in the presence of:

Unofficial Witness *(Signature)*

Doralyn S. Kirkland
Unofficial Witness Name *(Print)*

2 Martin Luther King Jr Dr, Ste 1456
Atlanta GA 30334
Unofficial Witness Address *(Print)*

Notary Public *(Signature)*

My Commission Expires: 5/18/2019

For the State of Georgia
Environmental Protection Division:

(Signature)

(Seal)

Judson H. Turner
Director

Dated: 5/26/2014

(NOTARY SEAL)

DARLENE BLUNT NOTARY PUBLIC FULTON COUNTY GEORGIA EXPIRES May 18, 2019

[Signatures continue on next page]

Signed, sealed, and delivered in the presence of:

Unofficial Witness (*Signature*)

Robert L. Simmons

Unofficial Witness Name (*Print*)

LISA V VOLT

Unofficial Witness Address (Print)

For the Grantee/Holder:

Rathon Corp.

Name of Grantee/Holder (*Print*)

(Seal)

Grantee/Holder's Authorized Representative (*Signature*)

E. Lee Reichert

Authorized Representative Name (*Print*)

Secretary

Title of Authorized Representative (*Print*)

State of Colorado
County of Denver
The foregoing instrument was acknowledged before me this 24th day of March, 2016 by E. Lee Reichert of Rathon Corp., A Delaware corporation, as Secretary and on behalf of the Corporation.

Dated: 3-24-16

Notary Public (*Signature*)

My Commission Expires: May 31, 2016

(NOTARY SEAL)

KATHLEEN M. KIRCHNER
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires May 31, 2016

[Signatures continue on next page]

Signed, sealed, and delivered in the presence of:

Rachel Wooster
Unofficial Witness (*Signature*)

Rachel Wooster
Unofficial Witness Name (*Print*)

5 SW Broad St., Suite B
Fairburn, GA 30213
Unofficial Witness Address (*Print*)

Shannon Majors
Notary Public (*Signature*)

My Commission Expires: 2/17/18

For the Grantee Holder:

Peachtree Crossing, LLC
Name of Grantee/Holder (*Print*)

_____(Seal)
Grantee Holder Authorized Representative (*Signature*)

Stephen J. Collins
Authorized Representatives Name (*Print*)

Manager
Title of Authorized Representative (*Print*)

Dated: 3/23/16

(NOTARY SEAL)

SHANNON MAJORS
My Commission
NOTARY
PUBLIC
EXPIRES
02-17-2018
COWETA COUNTY, GEORGIA

Exhibit A

Legal Description

All that tract or parcel of land lying and being in Land Lot 278 & 300, 18th Land District, City of Chamblee, DeKalb County, Georgia as shown on a survey and plat prepared by Patton Land Surveying, LLC, for Oxford Chemicals, LLC dated July 10, 2014 and being more particularly described as follows:

Commencing at a PK Nail Set at the approximate Centerline Intersection (C/L) of McGaw Drive (a 60 foot right of way) and Peachtree Road (a 50 foot right of way), THENCE North 81 degrees 32 minutes 13 seconds West for a distance of 38.54 feet to the intersection of the Northerly right of way of said Peachtree Road with the Westerly right of way of Said McGaw Drive, said point being the TRUE POINT OF BEGINNING.

Thence following along the Northerly right of way of Peachtree Road the following course:

Thence South 58 degrees 57 minutes 56 seconds West for a distance of 1005.11 feet to a point;

Thence leaving Peachtree Road the following courses:

Thence North 05 degrees 49 minutes 11 seconds East for a distance of 199.34 feet to a point to a 1/2" rebar pin set; Thence North 02 degrees 18 minutes 29 seconds West for a distance of 38.55 feet to a point; Thence North 04, degrees 33 minutes 45 seconds West for a distance of 121.29 feet to a 1/2" rebar pin set; Thence North 02 degrees 59 minutes 49 seconds West for a distance of 98.16 feet to a point; Thence North 00 degrees 52 minutes 13 seconds West for a distance of 98.54 feet to a point; Thence North 60 degrees 29 minutes 12 seconds West for a distance of 1.92 feet to a point; Thence North 64 degrees 52 minutes 01 seconds West for a distance of 36.48 feet to a 1/2" rebar pin found on the Easterly right of way of Peachtree Industrial Boulevard (150' wide right of way);

Thence following along the easterly right of way of Peachtree Industrial Boulevard the following course:

Thence North 29 degrees 09 minutes 11 seconds East for a distance of 339.79 feet to a point;

Thence leaving said Peachtree Industrial Boulevard the following courses:

Thence South 60 degrees 50 minutes 49 seconds East for a distance of 260.41 feet to a 1/2" rebar pin found; Thence South 31 degrees 11 minutes 22 seconds East for a distance of 310.50 feet to a point; Thence along a curve to the left having a radius of 198.28 feet and an arc length of 213.85 feet, being subtended by a chord of North 31 degrees 57 minutes 57 seconds East for a distance of 203.63 feet to a PK nail set; Thence North 58 degrees 57 minutes 56 seconds East for a distance of 132.45 feet to a 1/2" rebar pin set; Thence South 30 degrees 55 minutes 10 seconds East for a distance of 230.63 feet to a point said point being the POINT OF BEGINNING.

Said property contains 8.27 acres more or less.

As shown on that ALTA/ACSM Land Title Survey dated July 9, 2014 prepared by Chris M. Patton of Patton Land Surveying, Registered Land Surveyor Professional No. 2647.

Exhibit B

Property Map

SURVEYOR'S NOTES:

1. THIS PROPERTY IS NOT LOCATED WITHIN A FLOOD HAZARD AREA AS PER FIRM FLOOD INSURANCE RATE MAP OF DEKALB COUNTY, GA. COMMUNITY PANEL NO. 13089C 0014J, EFFECTIVE DATE 05/18/2015. THIS OPINION IS NOT A CERTIFICATION OF FLOOD HAZARD STATUS, BUT IS AN INTERPRETATION OF THE REFERENCED MAP AND PUBLIC DATA. IF THE EXACT LOCATION OR ELEVATIONS OF THE FLOOD HAZARD BOUNDARIES ARE NECESSARY, A MORE DETAILED STUDY MAY BE NEEDED. THIS FIRM ASSUMES NO RESPONSIBILITY OR LIABILITY FOR THE ACCURACY OF THE REFERENCED MAP OR PUBLIC DATA.

2. THIS SURVEY WAS PREPARED ON THE GEORGIA STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, WEST ZONE, NORTH AMERICAN DATUM OF 1983\2007 ADJUSTMENT. THE COMBINED SCALE FACTOR FOR THIS SITE IS: 0.999902292 (GRID DISTANCE\SCALE FACTOR=GROUND DISTANCE). ALL COORDINATES SHOWN HEREON ARE GRID COORDINATES UNLESS OTHERWISE STATED.

3. CONVENTIONAL EQUIPMENT USED FOR MEASUREMENT WAS A TOPCON G.T.S. 825A. GPS EQUIPMENT USED FOR MEASUREMENT WAS A CHAMPION TWO GNSS RECEIVER USING REALTIME KINEMATIC OBSERVATIONS PROCESSED THROUGH THE EGPS NETWORK.

4. THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 25,320 FEET AND AN ANGULAR CLOSURE OF 00°00'02" PER ANGLE POINT, AND WAS ADJUSTED USING LEAST SQUARES RULE. FIELD PARTY J.S. & G.A..

5. THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND WAS FOUND TO BE ACCURATE WITHIN ONE FOOT IN 1,065,034 FEET.

6. THIS PLAT OF SURVEY IS FOR THE EXCLUSIVE USE OF THE PARTIES LISTED UNDER THE CAPTION "SURVEY FOR" ANY THIRD PARTY USE TO BE AT THEIR OWN RISK.

7. THE FIELD SURVEY WAS CONDUCTED ON 06\18\14, 07/01/14 AND 07/02/14.

8. THE SECOND LESS & EXCEPT PARCEL SHOWN ON "EXHIBIT A" OF THE TITLE POLICY DOES NOT APPEAR TO AFFECT THE SUBJECT PROPERTY BASED ON THE BEGINNING COORDINATE VALUE LISTED IN THE LEGAL DESCRIPTION.

TITLE REVIEW:

THE SURVEYOR HAS REVIEWED FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT FOR TITLE INSURANCE, COMMITMENT NO. 31875,11, EFFECTIVE DATE MAY 1, 2014, SCHEDULE B, SECTION 2, SPECIAL EXCEPTIONS, AND THEY ARE EITHER GRAPHICALLY PLOTTED ON THE DRAWING OR NOTED HEREON:

EXCEPTIONS #1–7 – NOT A SURVEY MATTER

EXCEPTION #8 – RESERVATION OF EASEMENTS CONTAINED IN THAT CERTAIN WARRANTY DEED FROM UNITED STATES OF AMERICA TO THOMAS D. STEWART, DATED OCTOBER 26, 1921, RECORDED IN DEED BOOK 150, PAGE 508, DEKALB COUNTY, GEORGIA RECORDS – UNABLE TO DETERMINE EXACT LOCATION OF SAID DESCRIPTION DUE TO NO BASIS OF BEARINGS.

EXCEPTION #9 – EASEMENT FROM THOS. D. STEWART ESTATE TO GEORGIA POWER COMPANY, DATED MARCH 17, 1941, RECORDED IN DEED BOOK 541, PAGE 516, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #10 – EASEMENT FROM THOS D. STEWART ESTATE TO GEORGIA POWER COMPANY, DATED MARCH 17, 1941, RECORDED IN DEED BOOK 541, PAGE 518, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #11 – EASEMENT FROM BOYLE–MIDWAY TO GEORGIA POWER COMPANY, DATED JUNE 29, 1948, RECORDED IN DEED BOOK 731, PAGE 570(a), AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #12 – EASEMENT FROM BOYLE–MIDWAY INC. TO SOUTHERN RAILWAY COMPANY, DATED JUNE 14, 1948, RECORDED IN DEED BOOK 740, PAGE 427(b), AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #13 – EASEMENT CONTAINED IN THAT CERTAIN WARRANTY DEED FROM BOYLE–MIDWAY, INC. TO NATIONAL LIFE INSURANCE COMPANY DATED DECEMBER 10, 1948, RECORDED IN DEED BOOK 754, PAGE 353(b), AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #14 – EASEMENTS AND CONDITIONS CONTAINED IN THAT CERTAIN EASEMENT FROM BOYLE–MIDWAY, INC. TO DEKALB COUNTY, DATED DECEMBER 10, 1948, RECORDED IN DEED BOOK 751, PAGE 70, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #15 – EASEMENT FROM FRANK L. BERRY TO GEORGIA POWER COMPANY, DATED JUNE 2, 1956 RECORDED IN DEED BOOK 1340, PAGE 586, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #16 – EASEMENTS CONTAINED IN THAT CERTAIN WARRANTY DEED FROM AMERICAN HOME PRODUCTS CORPORATION TO GENDEX REALTY CORPORATION, DATED SEPTEMBER 6, 1960, RECORDED IN DEED BOOK 1627, PAGE 532, AFORESAID RECORDS – AFFECTS THE SUBJECT PROPERTY WITH EXCEPTION TO THE TOGETHER WITH PARCEL RECORDED IN DEED BOOK 5997, PAGE 690 (SEE SURVEY MAP FOR LOCATION), HOWEVER THE EASEMENTS LISTED IN THE DOCUMENT COULD NOT BE PLOTTED AS REFERENCED IN EXCEPTIONS 8–15 ABOVE.

EXCEPTION #17 – RIGHT–OF–WAY EASEMENT FROM GENDEX CORPORATION TO GEORGIA POWER COMPANY, DATED OCTOBER 12, 1965, RECORDED IN DEED BOOK 2041, PAGE 391, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #18 – EASEMENT FROM CONSOLIDATED FOODS CORPORATION TO GEORGIA POWER COMPANY, DATED DECEMBER 3, 1974, RECORDED IN DEED BOOK 3280, PAGE 127, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #19 – EASEMENTS AND CONDITIONS CONTAINED IN THAT CERTAIN DEKALB COUNTY SEWER EASEMENT BY AND BETWEEN FRANK L. BERRY AND DEKALB COUNTY, DATED OCTOBER 14, 1980 RECORDED IN DEED BOOK 4357, PAGE 295, AFORESAID RECORDS – EASEMENT IS PLOTTED AND SHOWN ON THE SURVEY MAP SHEET NO. 2.

(CONTINUED ABOVE RIGHT)

TITLE REVIEW (CONTINUED):

EXCEPTION #20 – EASEMENTS AND CONDITIONS CONTAINED IN THAT CERTAIN DEKALB COUNTY SEWER EASEMENT BY AND BETWEEN OXFORD CHEMICALS AND DEKALB COUNTY, DATED OCTOBER 14, 1980 RECORDED IN DEED BOOK 4357, PAGE 298, AFORESAID RECORDS – EASEMENT IS PLOTTED AND SHOWN ON THE SURVEY MAP SHEET NO. 2.

EXCEPTION #21 – EASEMENT FROM FRANK L. BERRY TO GEORGIA POWER COMPANY, DATED APRIL 14, 1983, RECORDED IN DEED BOOK 4809, PAGE 81, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

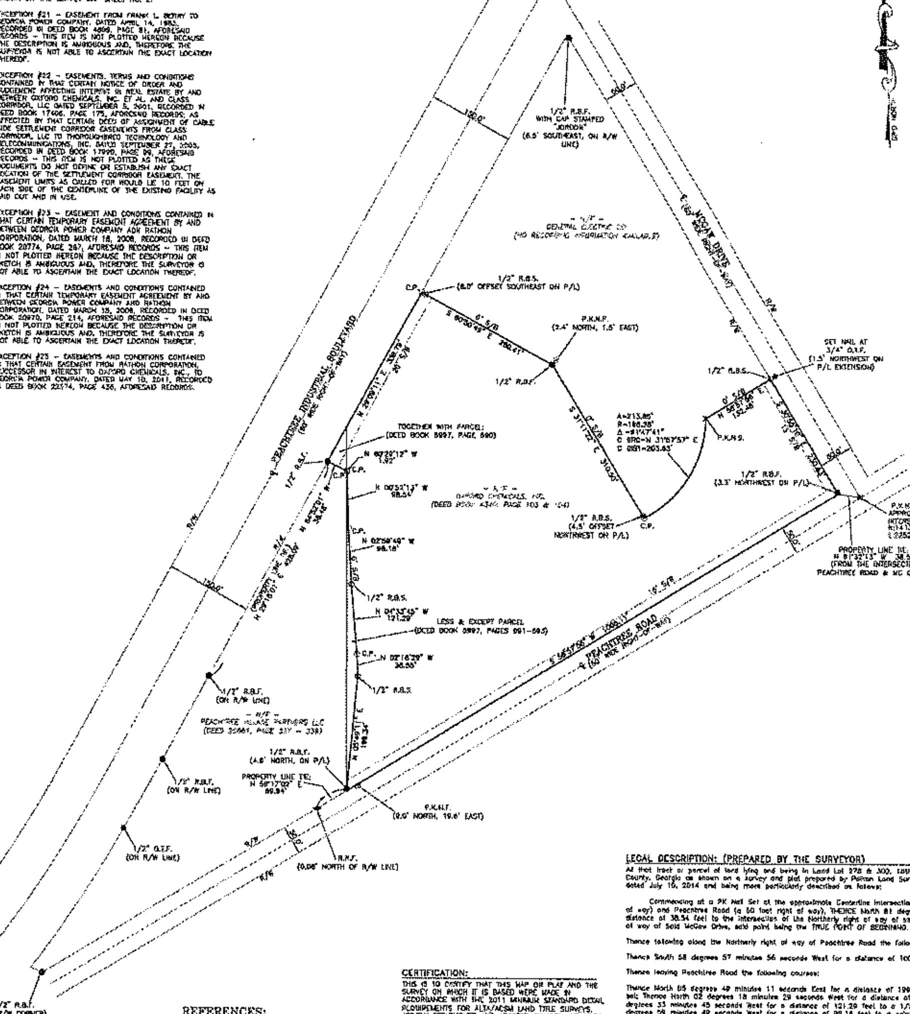
EXCEPTION #22 – EASEMENTS, TERMS AND CONDITIONS CONTAINED IN THAT CERTAIN NOTICE OF ORDER AND JUDGEMENT AFFECTING INTEREST IN REAL ESTATE BY AND BETWEEN OXFORD CHEMICALS, INC. ET AL. AND CLASS CORRIDOR, LLC DATED SEPTEMBER 5, 2001, RECORDED IN DEED BOOK 17406, PAGE 175, AFORESAID RECORDS; AS AFFECTED BY THAT CERTAIN DEED OF ASSIGNMENT OF CABLE SIDE SETTLEMENT CORRIDOR EASEMENTS FROM CLASS CORRIDOR, LLC TO THOROUGHBRED TECHNOLOGY AND TELECOMMUNICATIONS, INC. DATED SEPTEMBER 27, 2005, RECORDED IN DEED BOOK 17990, PAGE 99, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED AS THESE DOCUMENTS DO NOT DEFINE OR ESTABLISH ANY EXACT LOCATION OF THE SETTLEMENT CORRIDOR EASEMENT. THE EASEMENT LIMITS AS CALLED FOR WOULD LIE 10 FEET ON EACH SIDE OF THE CENTERLINE OF THE EXISTING FACILITY AS LAID OUT AND IN USE.

EXCEPTION #23 – EASEMENT AND CONDITIONS CONTAINED IN THAT CERTAIN TEMPORARY EASEMENT AGREEMENT BY AND BETWEEN GEORGIA POWER COMPANY AND RATHON CORPORATION, DATED MARCH 18, 2008, RECORDED IN DEED BOOK 20774, PAGE 267, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION OR SKETCH IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #24 – EASEMENTS AND CONDITIONS CONTAINED IN THAT CERTAIN TEMPORARY EASEMENT AGREEMENT BY AND BETWEEN GEORGIA POWER COMPANY AND RATHON CORPORATION, DATED MARCH 18, 2008, RECORDED IN DEED BOOK 20970, PAGE 214, AFORESAID RECORDS – THIS ITEM IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION OR SKETCH IS AMBIGUOUS AND, THEREFORE THE SURVEYOR IS NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.

EXCEPTION #25 – EASEMENTS AND CONDITIONS CONTAINED IN THAT CERTAIN EASEMENT FROM RATHON CORPORATION, SUCCESSOR IN INTEREST TO OXFORD CHEMICALS, INC., TO GEORGIA POWER COMPANY, DATED MAY 10, 2011, RECORDED IN DEED BOOK 22774, PAGE 436, AFORESAID RECORDS.

AREA: 8.27 ACRES



LEGEND:

A.I.F. – ANGLE IRON FOUND
AF – AXLE FOUND
C.M.F. – CONCRETE MONUMENT FOUND
C.T.F. – CRIMP TOP PIN FOUND
R.B.F. – REBAR FOUND (SEE DRAWING FOR SIZE)
O.T.F. – OPEN TOP FOUND (SEE DRAWING FOR SIZE)
I.P.F. – IRON PIN FOUND
P.K.N.F. – PARKER KALON NAIL FOUND
FX – X–CUT FOUND
NF – NAIL FOUND
RF – ROCK FOUND
RRF – RAILROAD SPIKE FOUND
TF – TACK FOUND
P.K.N.S. – PARKER KALON NAIL SET
R.B.S. – 1/2" REBAR SET WITH CAP
CMS – CONCRETE MONUMENT SET
NS – NAIL SET
CP – CALCULATED POINT
D.I. – DROP INLET
J.B. – JUNCTION BOX
C.R. – CABLE RISER
T.R. – TELEPHONE RISER
P.B. – POWER TRANSFORMER BOX
P.P. – POWER POLE
S.P. – SERVICE POLE
T.P. – TELEPHONE POLE
L.P. – LIGHT POLE
G.Y. – GUY WIRE
G.P. – GUY ANCHOR POLE
E.S. – ELECTRIC SERVICE
W.M. – WATER METER
W.V. – WATER VALVE
F.H. – FIRE HYDRANT
F.D.C. – FIRE DEPARTMENT CONNECTION
I.C.V. – IRRIGATION CONTROL VALVE
WP – WELL POINT
C.O. – SANITARY CLEANOUT
S.S.M.H. – SANITARY SEWER MANHOLE
G.V. – SANITARY GATE VALVE
H.W. – HARDWOOD TREE
P.T. – PINE TREE
M.T. – MISCELLANEOUS TYPE TREE
U.M. – UNKNOWN TYPE MANHOLE
GAS – GAS VALVE
G.M. – GAS METER
P. – PROPANE TANK
F.P. – FLAG POLE
TSP – TRAFFIC SIGNAL POLE
TSB – TRAFFIC SIGNAL BOX
BO – WATER BLOW OFF
BFP – WATER BACKFLOW PREVENTER
TMH – TELEPHONE MANHOLE
YI – YARD INLET
MW – MONITORING WELL

E.P. – EDGE OF PAVEMENT
B.C. – BACK OF CURB
C.M.P. – CORRUGATED METAL PIPE
R.C.P. – REINFORCED CONCRETE PIPE
B.C.C.M.P. – BITUMINOUS COATED CORRUGATED PIPE
H.D.P.E. – HIGH DENSITY POLYETHYLENE PIPE
P.V.C. – POLYVINYL CHLORIDE PIPE
D.I.P. – DUCTILE IRON PIPE
R.W. – RETAINING WALL
—T— – BURIED TELEPHONE LINE
—OHP— – OVERHEAD POWER LINES
—W— – BURIED WATER MAIN
—G— – BURIED GAS LINE
—O— – CHAIN LINK FENCE
—□— – WOOD FENCE
—x— – WIRE FENCE
—SS— – BURIED SEWER LINE
N/F – NOW OR FORMERLY
P/L – PROPERTY LINE
R/W – RIGHT–OF–WAY
N/F – NOW OR FORMERLY
℄ – CENTERLINE
INTX – INTERSECTION
R – CURVE RADIUS
L – CURVE ARC LENGTH
Δ – CURVE CENTRAL ANGLE
C BRG – CHORD BEARING
C DIST – CHORD DISTANCE
L.L. – LAND LOT
N – NORTHING COORDINATE
E – EASTING COORDINATE
S/B – SETBACK
– CONTINUOUS OWNERSHIP

REFERENCES:

1. DEED BOOK 4340, PAGES 103 & 104
2. DEED BOOK 5997, PAGE 690
3. DEED BOOK 5997, PAGES 691–693
4. DEED BOOK 5282, PAGE 271
5. REFERENCE ALTA/ACSM LAND TITLE SURVEY FOR PEACHTREE VILLAGE PARTNERS, LLC. BY ARROW SURVEYING, JOB NUMBER 070032/080008 DATED 02/14/08.

STATE WATERS BUFFER:

AN UNDISTURBED VEGETATIVE BUFFER MEETING CITY AND STATE REGULATIONS WILL BE PRESERVED ADJACENT TO ALL STREAMS AND LAKES. BUFFER IS TO BE MEASURED HORIZONTALLY FROM POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION.

THIS SITE DOES NOT CONTAIN STATE WATERS REQUIRING AN UNDISTURBED VEGETATIVE BUFFER.

100' 0 100' 200' 300'
GRAPHIC SCALE – 1 INCH = 100 FEET

CERTIFICATION:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1–4, 6(b), 8, 11(b), 13, 16–18 AND 21 OF OPTION TABLE A THEREOF.

THE FIELD WORK WAS COMPLETED ON 07/02/2014.
DATE OF PLAT OR MAP: 07/07/2014.

CHRIS M. PATTON
GEORGIA REGISTERED LAND SURVEYOR
NO. 2847

PATTON LAND SURVEYING
P.O. BOX 256
GAINESVILLE, GEORGIA 30503

PHONE: (770) 532–6492
FAX: (770) 532–1995
E–MAIL: CPATTON@PATTONSURVEYING.COM

LEGAL DESCRIPTION: (PREPARED BY THE SURVEYOR)

All that tract or parcel of land lying and being in Land Lot 278 & 300, 18th Land District, City of Chamblee, Dekalb County, Georgia as shown on a survey and plat prepared by Patton Land Surveying, LLC. for Oxford Chemicals, LLC dated July 10, 2014 and being more particularly described as follows:

Commencing at a PK Nail Set at the approximate Centerline Intersection (C/L) of McGaw Drive (a 60 foot right of way) and Peachtree Road (a 60 foot right of way), THENCE North 81 degrees 32 minutes 13 seconds West for a distance of 38.54 feet to the intersection of the Northerly right of way of said Peachtree Road with the Westerly right of way of Said McGaw Drive, said point being the TRUE POINT OF BEGINNING.

Thence following along the Northerly right of way of Peachtree Road the following course:

Thence South 58 degrees 57 minutes 56 seconds West for a distance of 1005.11 feet to a point;

Thence leaving Peachtree Road the following courses:

Thence North 05 degrees 49 minutes 11 seconds East for a distance of 199.34 feet to a point to a 1/2" rebar pin set; Thence North 02 degrees 18 minutes 29 seconds West for a distance of 36.55 feet to a point; Thence North 04 degrees 53 minutes 45 seconds West for a distance of 121.29 feet to a 1/2" rebar pin set; Thence North 02 degrees 59 minutes 49 seconds West for a distance of 98.18 feet to a point; Thence North 00 degrees 52 minutes 13 seconds West for a distance of 98.54 feet to a point; Thence North 60 degrees 29 minutes 12 seconds West for a distance of 1.92 feet to a point; Thence North 84 degrees 52 minutes 01 seconds West for a distance of 38.46 feet to a 1/2" rebar pin found on the Easterly right of way of Peachtree Industrial Boulevard (150' wide right of way);

Thence following along the easterly right of way of Peachtree Industrial Boulevard the following course:

Thence North 29 degrees 09 minutes 11 seconds East for a distance of 339.79 feet to a point;

Thence leaving said Peachtree Industrial Boulevard the following courses:

Thence South 60 degrees 50 minutes 49 seconds East for a distance of 280.41 feet to a 1/2" rebar pin found; Thence South 31 degrees 11 minutes 22 seconds East for a distance of 310.50 feet to a point; Thence along a curve to the left having a radius of 198.28 feet and an arc length of 213.85 feet, being subtended by a chord of North 31 degrees 57 minutes 57 seconds East for a distance of 203.63 feet to a PK nail set; Thence North 58 degrees 57 minutes 56 seconds East for a distance of 132.45 feet to a 1/2" rebar pin set; Thence South 30 degrees 35 minutes 10 seconds East for a distance of 230.63 feet to a point said point being the POINT OF BEGINNING.

Said property contains 8.27 acres more or less.

ZONING AND BUILDING SETBACKS (S/B):

INFORMATION TAKEN FROM THE CITY OF CHAMBLEE WEB SITE http://www.chambleega.com

CURRENT CITY OF CHAMBLEE ZONING:
(PER ZONING MAP DATED DECEMBER 17, 2013)
CC – CORRIDOR COMMERCIAL DISTRICT

BUILDING SETBACKS:
FRONT: 20' FROM RIGHT–OF–WAY LINE FRONTING PEACHTREE INDUSTRIAL BOULEVARD
FRONT: 15' FROM RIGHT–OF–WAY LINE FRONTING PEACHTREE ROAD
SIDE: 0' FROM PROPERTY LINE
REAR: NOT APPLICABLE
MAX BUILDING HEIGHT: 60'
MAX BUILDING COVERAGE: 80% OF LOT AREA

ENCROACHMENTS:

1. ASPHALT OVER PROPERTY LINE (0.8')
2. FENCE CROSSING PROPERTY LINE (1.9')
3. FENCE & ASPHALT OVER PROPERTY LINE (SEE DRAWING FOR DIMENSIONS)
4. GUY WIRE OVER P/L (8.8')

SIGN LEGEND:

1. GARDEN CENTER BUSINESS SIGN
2. ATLANTA DISCOUNT MUSIC

ADDRESS:

5001 PEACHTREE INDUSTRIAL BOULEVARD
CITY OF CHAMBLEE, DEKALB COUNTY, GEORGIA

ADDITIONAL ALTA TABLE "A" NOTES:

1) THERE WAS OBSERVED EVIDENCE DURING THE FIELD SURVEY OF EARTH MOVING TO REPLACE CONTAMINATED SOILS ON SITE.

2) THERE IS NO OBSERVED EVIDENCE OF SITE USE AS A SOLID WASTE DUMP, SUMP OR SANITARY LANDFILL.

3) THERE IS NO OBSERVED EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS, OR PROPOSED CHANGES IN STREET RIGHT–OF–WAY LINES.

SHEET INDEX:

SHEET 1 – BOUNDARY SURVEY MAP
SHEET 2 – IMPROVEMENT LOCATIONS AND PLOTTED TITLE EXCEPTIONS

THIS SURVEY WAS PREPARED IN CONFORMITY WITH THE TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN CHAPTER 180–7 OF THE RULES OF THE GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND AS SET FORTH IN THE GEORGIA PLAT ACT O.C.G.A. 15–6–67.

REGISTERED PROFESSIONAL LAND SURVEYORS
PATTON LAND SURVEYING
P.O. BOX 256
GAINESVILLE, GA. 30503
PHONE: (770) 532–6492
FAX: (770) 532–1995
www.pattonsurveying.com

GEORGIA REGISTERED PROFESSIONAL No. 2847 LAND SURVEYOR CHRIS M. PATTON

ALTA/ACSM LAND TITLE SURVEY FOR:
OXFORD CHEMICALS, INC.
– LOCATED IN –
LAND LOT 278 & 300
18TH LAND DISTRICT
DEKALB COUNTY, GEORGIA

REVISIONS

No.	DATE	DESCRIPTION

SHEET NUMBER: 1 of 2
SCALE: 1" = 100'
SURVEY DATE: 07/09/2014
PLAT DATE: 07/10/2014
14-130.dwg
JN. 14–130

Exhibit C

VRP ANNUAL PROPERTY EVALUATION FORM
Former Oxford Chemical Property, Sublisted to HSI Site No. 10072
5001 Peachtree Boulevard, Chamblee, DeKalb County, Georgia
Tax Parcel 18-278-14-002

TYPE	No.	CRITERIA RESPONSE	YES	NO
Land Use	1	Does this VRP property meet the definition of non-residential property as defined in Section 391-3-19.02(2) of the Rules? "Non-residential property means any property or portion of a property not currently being used for human habitation or for other purposes with a similar potential for human exposure, at which activities have been or are being conducted that can be categorized in one of the 1987 Standard Industrial Classification major group..."		
	1a	If no to 1, provide an explanation including a residential vapor intrusion exposure pathway evaluation to the EPD.		
Exposure	2	Has groundwater beneath the property been used or extracted for drinking water or any other non-remedial purpose?		
	2a	If yes to 2, such use should be immediately terminated. Please also attach a written explanation.		
	3	Have vapor intrusion mitigation measures been implemented for each enclosed structure on the property?		
	3a	If any active vapor mitigation systems are present at the property, are they operating and consistently maintained?		
	3b	If no to 3 or 3a, please attach a written explanation.		
Property Instruments	4	Do all leases, easements and security deeds for the site have the applicable deed notice language inserted into them?		
	4a	If no to 3, provide a written explanation (attached) to the EPD.		

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME (Please type or print) _____ TITLE _____

SIGNATURE _____ DATE _____