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May 2, 2019

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Mr. Stilz and Mr. Myer:

At the request of the Indiana Department of Environmental Management (IDEM), the General Electric Company (GE) has prepared the enclosed Current Conditions Report (CCR) for the former GE Tell City, Indiana motors manufacturing facility (the Site). The CCR documents the extensive voluntary investigation and mitigation activities conducted to date by GE, the current regulatory status of the Site, and the historical solid waste management units (SWMUs) and Areas of Concern (AOCs).

Per our recent discussions, GE continues to review the December 28, 2018 IDEM Proposed Order (Proposed Order) to reflect current Site conditions and regulatory status and for consistency with the CCR. As discussed in meetings with IDEM, the Proposed Order was drafted using a standard template that did not take into consideration past work or accurately reflect the regulatory status of the Site. GE's edits focus the Proposed Order and detail where additional investigation and remediation are most needed and remove requirements for the historical SWMUs where corrective action has already been completed, additional action is unnecessary, or the AOC is already being addressed through our current evaluations.

GE looks forward to continuing the environmental assessment work in Tell City and appreciates IDEM's acknowledgement of GE's voluntary actions. GE's first priority on this project has been voluntarily to take those Interim Measures that ensure the protection of human health and the environment. Our voluntary actions completed to date have demonstrated our ongoing commitment to the former Tell City facility and community. GE continues to operate the toll-free project information line at 1-800-741-3120 and we will keep local officials and the community informed of our efforts moving forward.

Mr. Don Stilz and Mr. Chris Myer

May 2, 2019

We appreciate the on-going cooperation and guidance from IDEM as we continue this environmental assessment. You can reach me directly at (706) 291-3319 if you have any questions or would like to discuss.

Sincerely,

Bob Witsell, P.E.
Senior Project Manager

General Electric Company

CURRENT CONDITIONS REPORT

GE Tell City Facility
1412 13th Street
Tell City, Indiana

May 2, 2019

CURRENT CONDITIONS REPORT

GE Tell City Facility

1412 13th Street

Tell City, Indiana

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ACRONYMS AND ABBREVIATIONS

AOC	Area of Concern
AST	aboveground storage tank
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CA	Corrective Action
CCR	Current Conditions Report
cm/sec	centimeters per second
CVOC	chlorinated volatile organic compound
DCE	dichloroethene
ERC	Environmental Restrictive Covenant
GE	General Electric Company
IDCL	industrial default closure level
IDEM	Indiana Department of Environmental Management
IDNR	Indiana Department of Natural Resources
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
mg/kg	milligrams per kilogram
NPDES	National Pollutant Discharge Elimination System
NWI	National Wetland Inventory
PA	Preliminary Assessment
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PEG	Process Engineering Group, Inc.
RCG	Remediation Closure Guidance
RCRA	Resource Conservation and Recovery Act
RDCL	Residential Default Closure Level
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation

RISC	Risk-Based System of Closure
SVOC	semi-volatile organic compound
SWMU	solid waste management unit
TCA	trichloroethane
TCE	trichloroethene
TMB	trimethylbenzene
TPH	total petroleum hydrocarbons
TPH-ERO	total petroleum hydrocarbons in the extended range
USEPA	United States Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
UST	underground storage tank
VI	vapor intrusion
VOC	volatile organic compound
VSI	visual site inspection

1 INTRODUCTION

This Current Conditions Report (CCR) has been prepared by Arcadis U.S., Inc. (Arcadis) on behalf of the General Electric Company (GE) for the former GE small motors manufacturing facility in Tell City, Indiana (the Site; Resource Conservation and Recovery Act [RCRA] identification number IND006392773) as one of the initial steps in the RCRA Corrective Action (CA) process. As discussed with the Indiana Department of Environmental Management (IDEM) on January 9, 2019, the December 28, 2018 Proposed Corrective Action Agreed Order (Proposed Order) provided by the IDEM is a standard template that did not take into consideration past work or accurately reflect the regulatory status of the Site.

The SWMUs were identified by a contractor for the United States Environmental Protection Agency (USEPA) in a Preliminary Assessment and Visual Site Inspection (PA/VSI) document dated February 3, 1993 (USEPA 1993). The SWMUs identified in the 1993 PA/VSI were reiterated, along with one area of concern (AOC) in a RCRA Facility Assessment (RFA) released by the IDEM on September 13, 2011 (IDEM 2011).

In the Proposed Order, IDEM notes that SWMU 28, SWMU 29, SWMU 30, SWMU 31, SWMU 32, SWMU 34, SWMU 35, SWMU 36, and AOC 1 are of "particular concern". However, IDEM recommended No Further Action status for SWMUs 1 through 28, SWMU 30, SWMU 32, SWMU 34, SWMU 35, and SWMU 36 in the 2011 RFA document. The USEPA contractor had similar recommendations for SWMUs 1 through 28, SWMU 30, SWMU 32, SWMU 34, SWMU 35, and SWMU 36 in the 1993 PA/VSI document. Section 1.2.3 of this CCR details the current status of the historical SWMUs and AOC-1. Section 5 provides recommendations

This document also discusses additional AOCs been identified by Arcadis during recent site investigations.

In addition to discussing the current conditions of the SWMUs and AOCs, this report presents documentation of soil, groundwater, and vapor intrusion (VI) sampling at the Site and in the neighborhood to the west of the Site.

The investigation at and downgradient of the Site is ongoing, and new data are being generated weekly. Data and actions discussed in this report are as of March 1, 2019.

1.1 Site Background

The Site occupies approximately 16 acres of land to the east of 13th Street and south of Payne Street (State Road 37) in Tell City, Perry County, Indiana (**Figures 1** through **3**).

The Site was originally developed in 1943/1944 by the Kentucky Radio Corporation for the manufacture of vacuum tubes. The original configuration of the building was a "T"-shaped structure, which forms the core of the existing main plant building. The plant was sold to GE in 1945, and GE continued manufacturing vacuum tubes and began manufacturing fractional horsepower motors in 1966. Tube production ended in October 1974, and the facility continued manufacturing small motors until operations ceased in 2005.

The main manufacturing plant building was expanded in 1950, 1954, 1967, and 1970, and outbuildings were added to the southeastern corner of the property (**Figure 4**). The outbuildings were used for the storage of product and waste materials, wastewater treatment, and a general carpentry shop. All

manufacturing equipment has been removed from the Site, and subsurface pits and trenches in the buildings have been cleaned of liquids and sludges and power-washed.

1.2 RCRA Background

1.2.1 RCRA Notification

GE submitted a protective RCRA Part A Permit Application (Part A) to the USEPA in November 1980. This permit application indicated the potential presence of two RCRA units: a container storage unit capable of holding 5,595,000 gallons and a tank treatment unit capable of handling 10,000,000 gallons per day (the volumes were modified by hand-written zeros on the application form). The application indicated that the container storage unit handled spent halogenated solvents (F001), spent non-halogenated solvents (F003 and F005), wastewater treatment sludge from electroplating operations (F006), and paint residue or sludges from industrial painting in the mechanical and electrical products industry (F017). Waste code F017 was not included in the initial list of "F" wastes from nonspecific sources published on May 19, 1980, was proposed for listing in interim final form on July 16, 1980, temporarily suspended on January 16, 1981, and never proposed again in that form. Other hazardous wastes listed included ignitable waste (D001) and corrosive waste (D002). The 1980 application also listed K054 waste (chrome shavings generated by leather tanning and finishing). It is unclear at this time what this listing referred to, as no leather work is known to have occurred at the facility.

The RCRA Part A Permit was amended in February 1982 to correct the original volume estimates, limiting the container storage unit to 5,595 gallons and the tank treatment unit to 10,000 gallons per day. The 1982 revision included a map that showed that the "tank treatment unit" was the Site's wastewater treatment system and that the "container storage unit" was a hazardous waste drum storage area immediately south of the wastewater treatment building and west of an adjacent outbuilding (later named SWMU 31; **Figure 5**).

1.2.2 Subsequent RCRA Correspondence

In an April 7, 1987 letter to IDEM, GE requested withdrawal of the Tell City interim status storage permit and to limit onsite storage of hazardous waste to less than 90 days. This letter also summarizes GE's intent to provide a Closure Plan certified by an Indiana Professional Engineer detailing the planned actions to accomplish closure of the hazardous waste storage area that was being used at that time (later named SWMU 34; **Figure 5**).

In a June 22, 1987 letter to IDEM, GE requested withdrawal of the tank treatment unit from the Part A Permit, as the tank treatment unit is part of the wastewater treatment system that is covered by National Pollutant Discharge Elimination System (NPDES) Permit IN0021776 making it eligible for withdrawal from the Part A Permit. This letter also includes updated Part A Permit Application forms. IDEM approved the June 22, 1987 request for revision to the Part A Permit in a letter dated October 21, 1987.

In an August 5, 1987 letter to IDEM, GE reiterates their intent to close the hazardous waste storage area (later named SWMU 34), relinquish the facilities' interim status storage operator designation, and transition the facility to less than 90 days RCRA generator status. A July 28, 1987 Closure Plan detailing the planned actions to accomplish closure of the container storage unit was prepared by James E. Traylor, P.E. of

Process Engineering Group, Inc. (PEG) and was provided to IDEM as an attachment to the August 5, 1987 letter following a 30-day public comment period.

IDEM approved the Closure Plan in a letter dated October 1, 1987 contingent upon receiving rinsate sample results following the closure and decontamination activities. The rinsate sample results were provided to IDEM in an October 27, 1987 letter from PEG. Mr. Traylor of PEG subsequently provided a Certification of Closure dated January 13, 1988. In a July 27, 1988 letter, IDEM indicated that total closure was complete as required by 329 IAC 3-21 and requested that cracks in the storage pad be sealed prior to continued use of the pad. GE repaired the crack, and the closure was approved by IDEM in October 1988.

On June 30, 1992, a contractor for the USEPA (PRC Environmental Management) conducted the PA/VSI of the facility. The February 3, 1993 PA/VSI document presents a summary of 36 SWMUs.

IDEM conducted a subsequent VSI of the facility on December 3, 2010. The findings of the December 2010 VSI are detailed in the September 12, 2011 RFA document, including the 36 SWMUs identified in the 1993 PA/VSI and one additionally identified area of concern (AOC).

1.2.3 Current SWMU and AOC Conditions

The 2011 RFA listed a total of 36 SWMUs and one AOC (**Figure 5; Table 1**). The current status of these units is discussed below.

SWMUs 1 through 24: These units consisted of single drum satellite accumulation sites within the building. The units were used for the accumulation of various materials generated during routine work near the drums. When full, drummed materials were taken to either the on-site wastewater treatment building (SWMU 32), the on-site evaporation unit (SWMU 33), the hazardous waste storage area (SWMU 34), or the non-hazardous waste storage area (SWMU 35) to be treated or removed from the Site. SWMU 11 was a proposed accumulation drum for polychlorinated biphenyl- (PCB-) containing oil. The unit did not exist at the time of the USEPA PA/VSI, and neither GE nor IDEM has further information as to whether it was ever activated. The SWMUs were situated inside the building on concrete flooring, and the locations of many of these units can still be seen in the form of yellow circles painted on the concrete. The 1993 PA/VSI indicated that none of these units had documented releases associated with them, and the 2011 RFA recommended no further action for these units. No GE soil or groundwater investigation has specifically targeted these units; however, Arcadis has overseen numerous interior soil borings through the floor of the building. No impacts found by Arcadis can be directly attributed to SWMUs 1 through 24.

SWMU 25: This was a mobile coolant recycling unit that operated inside the main plant building. The unit was moved to various pieces of machinery that used coolant, which was run through the unit to remove impurities (oil and metal fines) via filters. The coolant was then sent back to the machinery, and the impurities were placed in SWMU 22. The 1993 PA/VSI found no history of releases from the unit, and the 2011 RFA recommended no further action. No GE soil or groundwater investigation has specifically targeted this unit, which was not fixed to any one location.

SWMUs 26 and 27: These SWMUs were a pair of in-ground concrete pits that were used to manage non-hazardous cooling wastewater used in the phosphatizing process. Water from these units was pumped via subgrade piping to the on-site wastewater treatment plant (SWMU 32), where it was treated before discharge to the Tell City sanitary system. The 1993 PA/VSI found no evidence of release from the units,

and the 2011 RFA recommended no further action. No GE soil or groundwater investigation has specifically targeted the units, which were cleaned as part of the plant decommissioning after the 2005 plant closure.

SWMU 28: This unit encompassed miscellaneous waste accumulation areas throughout the plant. Waste included oil, scrap metals, and oil-absorbent materials that accumulated in drip pans, metal bins, or was generated as the result of oil releases. This was a very broad category of waste management unit throughout the plant for which the 1993 PA/VSI found no documented releases. The 2011 RFA recommended no further action for this unit. GE has not specifically targeted any of the miscellaneous waste accumulation areas for soil or groundwater investigation, although numerous soil borings have been advanced through the floor of the building. No impacts found by Arcadis can be specifically attributed to these waste accumulation areas.

SWMU 29: This unit was an area at the southeastern corner of the main plant building at which dumpsters were situated for the collection of scrap metal from a rotoclone unit. The scrap metal was from the interior presses and contained cutting oils. The 1993 PA/VSI noted oily staining on the concrete below the dumpsters and stressed vegetation along the edge of the concrete surface. Based on the note of stressed vegetation, the 2011 RFA recommended a RCRA Facility Investigation (RFI) for soils. Arcadis investigated the area along the concrete surface via three soil probes advanced in October 2012 (Arcadis 2012). Soil samples from shallow soil (2 to 3 feet) and deeper soil (5 to 7 feet) were analyzed for polycyclic aromatic hydrocarbons (PAHs) and total petroleum hydrocarbons in the extended range (TPH-ERO). No TPH-ERO detection was found, and low concentrations of PAH compounds were found. The concentrations of PAH compounds were below the IDEM Risk-Based System of Closure (RISC) residential default closure levels (RDCLs), and Arcadis recommended no further action regarding SWMU 29. In a letter dated April 18, 2013 (IDEM 2013), IDEM approved the request for no further action status for SWMU 29.

SWMU 30: This unit was situated to the east of SWMU-29. Dumpsters that accumulated scrap metal at SWMU 29 were moved to a concrete-paved area under roof, where oil drained from the dumpsters to an in-ground drain. Oil collected in the drain was pumped to an aboveground storage tank (AST), from which it was transferred to an evaporation unit (SWMU 33). The 1993 PA/VSI noted no known releases from this unit but did note oily staining on the concrete surface around the dumpsters. The 2011 RFA recommended no further action regarding this unit. GE has not specifically targeted this unit for soil or groundwater sampling; however, investigation of AOC-1 has included the advancement of soil borings in the area to the southeast of the unit. Analysis of two soil samples from boring P-1, which was advanced immediately south of the unit in 2012 (Arcadis 2012) found no detectable PCBs. Several volatile organic compound (VOC) and PAH compounds were detected in the shallow (4 to 5 inches) soil sample but not in the deeper (16 to 17 inches) sample. None of the detected compounds were found at a concentration above the RISC industrial default closure level (IDCL). Arsenic was detected at a concentration above the IDCL in both soil samples; however, the concentration of arsenic was within the range of background arsenic levels in Indiana (Dragun and Chiasson 1991).

SWMU 31: This unit was a former hazardous waste storage area at which drummed waste was stored before off-site removal. Because this unit was referenced in the Site's Part A permit, the 2011 RFA recommended that the unit go through RCRA closure and investigation of a trench drain discharge area. Arcadis oversaw the excavation of 289.02 tons of soil for off-site treatment and disposal in October-November 2017 (Arcadis 2018b). Analysis of samples from the sidewall and bottom from the excavation found no VOC compounds present in excess of IDEM Remediation Closure Guide (RCG) direct contact or

migration to groundwater screening levels. Sampling of a groundwater monitoring well installed through the center of the former unit found trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride at concentrations above their RCG residential tap water screening levels (Arcadis 2018a). In a response to IDEM comments on the RCRA Closure Report, Arcadis made the case that the groundwater detections are likely not related to the former storage pad because TCE, cis-1,2-DCE, and vinyl chloride were not detected in the overlying soil samples above soil migration to groundwater screening levels and due to groundwater conditions in adjacent areas. Arcadis requested that SWMU 31 should be closed (Arcadis 2018h). A response from IDEM is still pending.

SWMU 32: This unit was the on-site wastewater treatment building, which was used to treat process wastewater from SWMUs 26 and 27 before discharge to the Tell City sanitary sewer system. The constituents of concern monitored for this unit were metals. The 1993 PA/VSI found that no unauthorized releases from this unit had been documented, and the 2011 RFA recommended no further action with regard to the unit. GE has not specifically targeted this unit for soil and groundwater sampling; however, investigation of AOC-1 has included the advancement of soil borings in the area to the east and north of the unit. Although several VOC compounds have been detected in soil and groundwater in the nearby AOC-1 samples, it is unlikely that the source is this unit, as it handled phosphatizing wastewater, with metals as the constituents of concern.

SWMU 33: This unit was an evaporator that was formerly inside the building to the south of the wastewater treatment building. Oily wastewater from a variety of sources in the manufacturing process was placed into the unit, and water was evaporated off, leaving oil sludge, which was drummed for off-site disposal. The unit did not process hazardous wastes, and the 1993 PA/VSI found no evidence of releases. The 2011 RFA recommended no further action for the unit. GE has not specifically targeted this unit for soil and groundwater sampling; however, investigation of AOC-1 has included the advancement of soil borings in the area to the east of the unit. Although several VOC compounds have been detected in soil and groundwater in the nearby AOC-1 samples, it is unlikely that the source is this unit, as VOCs would have been evaporated, leaving only heavy-end hydrocarbons.

SWMU 34: This unit was a second hazardous waste storage area that was situated under roof and on concrete pavement to the northeast of the wastewater treatment building. In October 1987, IDEM approved a closure plan for this unit. IDEM approved closure of the unit in a letter dated July 17, 1988 (IDEM 1988) pending sealing of a concrete crack. GE repaired the crack, and the closure was approved in October 1988. After closure, GE continued to use the closed RCRA unit as a hazardous waste storage area, but it was no longer regulated as a RCRA-permitted storage unit due to shorter storage times. The area has recently been used by Arcadis for the temporary storage of drummed investigation-derived waste.

SWMU 35: This was identified as a non-hazardous waste storage area that was a concrete-paved area under roof to the east of the wastewater treatment building. This area was reportedly where both product materials and non-hazardous waste were stored before use or removal. The 1993 PA/VSI found that no releases from this unit had been documented, and the 2011 RFA recommended no further action with regard to the unit. GE has not specifically targeted this unit for soil and groundwater sampling; however, investigation of AOC-1 has included the advancement of soil borings in the area of the unit, with several VOC compounds being detected in both soil and groundwater. It is unclear whether the detected compounds are derived from product material stored at the location, waste material, or from another area of the Site. Arcadis has advanced borings at this area as an extension of AOC-1.

SWMU 36: This unit was an on-site incinerator for general facility trash from the 1950s through the early 1980s. It was situated in the southeastern corner of the fenced area of the Site. The 1993 PA/VSI found that no releases from this unit had been documented, and the 2011 RFA recommended no further action with regard to the unit. GE has not specifically targeted this unit for soil and groundwater sampling; however, investigation of AOC-1 has included the advancement of soil borings in the area. Although several VOC compounds have been detected in soil and groundwater in the nearby AOC-1 samples, it is unlikely that the source is this unit, as it handled and incinerated as general facility trash.

AOC-1: This area is east of the wastewater treatment plant and other outbuildings in the southeastern corner of the Site (**Figure 5**). At the direction of GE, on October 1, 2010, Arcadis advanced three hand-augered soil borings (HA-3, HA-4, and HA-5) in a grass-covered area to the east of the former carpenter shop. The borings were advanced in an area outside of the fenced portion of the Site to 4 feet below ground surface (bgs) or refusal. Two soil samples were collected from each soil boring and submitted for analysis of metals, PCBs, PAHs, and VOCs. Analytical results for the soil samples indicated the following:

- Tetrachloroethene (PCE), TCE, and cis-1,2-DCE concentrations were above their respective RISC IDCLs in both of the samples collected from HA-4. The PCE concentration was above the IDCL in both samples from HA-5 and was above the RISC RDCL (but not the IDCL) in the shallow sample from HA-3. No other VOC constituents were detected.

- The only detected PAHs were in the shallow sample from HA-5, which exhibited benzo(k)fluoranthene, chrysene, fluoranthene, and pyrene at concentrations below their respective RDCLs.

- PCBs were detected at concentrations above the IDCL in the shallow sample from HA-3; however, no PCBs were detected in the deeper sample from this location. PCBs were detected at concentrations below the RDCL in both the shallow and deep samples from HA-4 and HA-5.

- Arsenic was reported at concentrations above the IDCL in all soil samples. Other metals were present at concentrations below the respective RDCLs.

Andrew Graham of GE contacted IDEM via telephone on October 22, 2010 to report the soil analytical results from the October 1, 2010 soil sampling, and the release was subsequently referred to the RCRA Section of IDEM. Based on the results of the sampling, the 2011 RFA named this area AOC-1 and requested an RFI for soils. The investigation of this area is discussed in Section 3.1.

1.2.4 History of Releases

In addition to the evidence of release associated with AOC-1, SWMU-29, and the wider area of impacts that is the subject of this report, two other releases are known to be associated with the Site:

Leaking Underground Storage Tank (LUST) Incident: The Site formerly had a 500-gallon concrete underground storage tank (UST) on the southern side of the main plaint building (**Figure 3**). The UST was used as an emergency overflow tank for a rooftop varnish tank that was used to feed a varnish dip tank inside the southern end of the plant. The varnish used at this Site contained toluene and xylene. During the

removal of the tank in December 1989, evidence of impacted soil was discovered, and a LUST incident was reported to IDEM (incident number 9001098). Analysis of closure soil samples found detectable total petroleum hydrocarbons (TPH) and VOCs (Heritage 1990). Remediation consisted of the removal of approximately 108 cubic yards of impacted soil for off-site disposal in June 1990 (Heritage 1991). IDEM issued the LUST incident a finding of No Further Action (NFA) in a letter dated June 1, 2006 (IDEM 2006).

Soil Excavation: Small areas of surficial soil staining were noted outside of the northern side of the plant in 1998. The areas were outside of the plant compressor ("Compressor Blowdown Area"), a thin strip of ground outside of the plant's die cast bay doors, and ground between these two areas (**Figure 3**). Earth Tech oversaw the removal of surficial soil (0.5 to 1.5 feet) on August 13 and 14, 1998. Approximately 70.4 tons of soil were removed from the Site for off-site disposal, and clean fill was placed back in the excavated areas (Earth Tech 1998).

2 REGIONAL AND FACILITY SETTINGS

2.1 Surrounding Land Use

The Site is located in a mixed industrial/commercial/residential area of Tell City, with residential sites located to the west, northwest, and southwest and commercial sites along main roads and intersections (**Figure 2**). Land to the northeast is agricultural, and land to the southeast is a city park. A small stream (Windy Creek) flows from south to north near the eastern side of the Site, and land along both sides of the stream is owned by Tell City. The city park extends north along Windy Creek, with a paved walking path on the eastern side of the creek. A single residence is located immediately east of the Site, adjacent to the city park. Small commercial/industrial sites are located immediately south of the Site.

The western edge of the developed area of Tell City is bordered by 7th Street. To the west of 7th Street, the land drops in elevation down to agricultural fields, which lie between the developed area and the Ohio River (**Figure 2**). A well field is located within the agricultural fields. The wells are maintained by Tell City; however, only two of the wells (numbers 8 and 9) are used by Tell City for the city water supply. The other four wells are owned and used by the Waupaca Foundry to the north. The Waupaca wells supply non-potable cooling water to the foundry and are not connected in any way to the city water supply system. According to the Tell City Water Department Manager, the city provides water to all properties between the Site and the western side of the city. No known commercial or residential wells are present in this area. Subsurface utilities in the area to the west of the Site include the city water system, which is generally under the streets, and sewer and natural gas utilities, which are generally under the alleys.

2.2 Historical Mapping and Aerial Photographs

Historical topographic maps and aerial photographs of the Site are presented in **Appendix A** to show a progression of development over time. The maps and photographs were reviewed to determine if any potential AOCs can be identified (e.g., former waste piles).

The first four photographs presented in Appendix A were obtained from GE and are oblique aerial photographs of the Site from 1945, 1954, 1958, and 1974.

- The 1945 photograph shows the original “T-shaped” building built by the Kentucky Radio Corporation. The photograph shows the chemical storage building to the north of the main plant, and the original slope break to Windy Creek is evident. A dark line is the location of what is identified as a “ground gutter” on the original Site blueprint. This structure was a drainage ditch built to channel surface water around the building and to Windy Creek.
- The 1954 aerial photograph shows that additions had been made to the southern and eastern sides of the original building and that significant filling had taken place in the southeastern corner of the Site.
- The 1958 aerial photograph shows that the filling in the southeastern corner of the Site was essentially completed between 1954 and 1958. The chemical storage building and the ground gutter were still present in 1958, and an AST can be seen to the east of the building. Propane tanks were located to the north of the office part of the building, and other ASTs were present to the north of the manufacturing part of the building. The nature of these tanks is unknown.

- The 1974 aerial photograph shows the building in its current form, along with the outbuildings in the southeastern corner of the Site. Material storage is visible around the exterior area of the outbuildings. The chemical storage building was removed by 1974, and the propane ASTs were replaced by new ASTs in the northeastern corner of the Site (at the location of the current AST saddles).

Additional aerial photographs were provided by Environmental Data Resources, Inc. Starting in 1949, these photographs show the progressive enlargement of the main plant building and the filling of the southeastern corner of the Site. However, the resolution of these photographs is generally not fine enough to display potential AOCs.

Topographic maps from 1903, 1961, and 1980 were obtained from the United States Geological Survey Historical Topographic Map Explorer Internet site. The maps show the development of the Site as well as the surrounding area.

2.3 Ecology

2.3.1 Regional Ecology

According to the U.S. United States Fish and Wildlife Service's (USFWS's Service (USFWS) National Wetland Inventory (NWI), numerous wetland areas are located within a 1-mile radius of the Site. These include palustrine and riverine wetlands associated with Little Windy Creek, riverine wetlands associated with the Ohio River, and several ponds located throughout the area. It should be noted that no NWI features are mapped within the Facility boundary.

A review of federally listed threatened and endangered species based on USFWS data indicates that four federally endangered species, two federally threatened species, and one species of concern have the potential to occur within Perry County, Indiana (USFWS 2019). A review of USFWS Critical Habitat spatial data indicates that no federally listed species have designated Critical Habitat within Perry County (USFWS 2019).

A review of the Indiana Department of Natural Resources (IDNR) species of concern by county indicates that 31 state endangered and 16 state threatened species have the potential to occur within Perry County (IDNR 2018). In addition, numerous rare and special concern species are identified as potentially occurring within Perry County.

The threatened and endangered species identified by USFWS and IDNR are summarized on **Table 2**.

2.3.2 Facility Ecology

The majority of the GE Facility consists of various components of the former facility operations (e.g., Manufacturing Building, Offices, outbuildings, parking lots, and storage areas). Certain locations on the Site may support habitat for ecological receptors, including the property on the eastern boundary along Windy Creek.

Surrounding land use is a combination of residential, agricultural, a city park, and undeveloped forested land. Windy Creek flows from south to north near the eastern boundary of the Site, and land along both sides of the stream is owned by Tell City. These adjacent parcels have the potential to support various

fauna species (including those that may be state or federally protected) that may forage at or otherwise use habitat on site.

An ecological habitat assessment of the Site and surrounding area is planned during the preparation of a future RFI Work Plan or interim measures document to determine the type and extent of habitat in the immediate vicinity and identify the ecological receptors at the Facility and in surrounding areas that could potentially be exposed to constituents in surface soil, surface water, and/or sediment.

2.4 Conceptual Site Model for Potential Human Exposure

The preliminary conceptual site model (CSM) provides the framework to assess potential impacts on human health exposure. It characterizes the potential sources and identifies the exposure mediums, potential receptors, and their potential exposure routes (**Table 3**). Exposure points are places or "points" where exposure could potentially occur, and exposure routes are the means by which constituents of interest may be taken up by the receptor (ingestion, inhalation, and dermal contact). There must be a complete exposure pathway from the source of constituents in the environment (i.e., from soil, air, groundwater) to human receptors in order for constituent intake to occur. The exposure pathways and associated exposure medium identified for the receptors at the site are described below per receptor.

The Site is currently zoned/intended use is industrial. It is not currently operational; however, one employee maintains the facility and grounds. The Site is expected to remain commercial/industrial in the future. GE intends to establish an Environmental Restrictive Covenant for the Site to limit land use to commercial/industrial and prohibit the use of on-site groundwater for potable or non-potable purposes. The surrounding land use is a mixture of industrial, commercial, residential, agricultural, and recreational as described above in Section 2.1.

Water for potable and non-potable uses is supplied to the Site and surrounding neighborhood by the Tell City Water Department and further detailed below in Section 2.5. General demographics from the United States Census Bureau American Fact Finder include the following estimates for Tell City, Indiana:

- 2010 Population - 7,272
- Median Age – 40.1
- Race – Predominately white
- Median Income – $42,145

The CSM for the Site is provided as **Table 3** and discussed below.

2.4.1 On-site Potential Receptors, Exposure Mediums, and Exposure Routes

Previous on-site investigations have documented various VOC concentrations in subsurface soils, groundwater, sub-slab soil gas, and exterior soil gas above applicable commercial/industrial risk-based screening levels. Potential on-site human receptors include site workers, adolescent trespassers, and future construction workers.

The potentially complete exposure pathway for onsite workers and adolescent trespassers (current and future) include the inhalation of indoor vapors from the volatilization of VOCs from impacted subsurface soil and groundwater beneath the main building. Onsite workers are unlikely to come in contact with soil deeper than 2 feet below ground surface. Surface soil concentrations are below applicable commercial/industrial

risk-based screening levels. The Site is fenced to control trespassers, but exposure may occur via inhalation inside the main building.

The potentially complete exposure pathways for future construction workers include the inhalation of indoor vapors from the volatilization of VOCs from impacted subsurface soil and groundwater beneath the main building, the inhalation of dust and vapors in the outdoor air during subsurface soil digging, dermal contact with subsurface soils during digging, and the incidental ingestion of subsurface soils during digging. Surface soil concentrations are below applicable commercial/industrial risk-based screening levels.

2.4.2 Offsite Potential Receptors, Exposure Mediums, and Exposure Routes

Previous offsite investigations have documented various VOC concentrations in groundwater, sub-slab soil gas, and indoor air above applicable residential risk-based screening levels. Potential on-site human receptors include adult and child residents and off-site workers.

The potentially complete exposure pathway for offsite adult and child residents (current and future) include the inhalation of indoor vapors from the volatilization of VOCs from impacted groundwater beneath residential homes. Surface and subsurface soils are not impacted off-site.

Paired indoor air and sub-slab sampling has been conducted where approved.

2.5 Regional Water Supply and Groundwater Use

Water for potable and non-potable uses is supplied to the Site and surrounding neighborhood by the Tell City Water Department. No evidence of on-site water supply wells has been found in the course of historical research on the Site.

According to the Manager of the Tell City Water Department, the Department operates and maintains wells at two well fields: A northern well field has a total of six wells, and a southern well field at the Water Department grounds has a total of five wells (**Figure 6**). The Tell City municipal water supply is derived from the southern well field and two wells (numbers 8 and 9; **Figure 2**) in the northern well field. The remaining four wells in the northern well field are used to supply water to the Waupaca Foundry to the north. These wells are not connected to the Tell City municipal water supply in any way, although the Water Department maintains the wells for Waupaca. The closest city supply well is in the northern well field (Well #9; **Figure 2**) and is approximately 4,000 feet from the western side of the Site. The southern well field is approximately 4,100 feet to the southwest of the southwestern corner of the Site. The wells in these fields are screened in alluvial sand and gravel, with their bases at 90 to 110 feet bgs. The well screens are up to 60 feet long.

According to the Tell City Water Department Manager, no known wells are present between the Site and the northern well field, and no wells have been observed by Arcadis personnel in the course of field work and windshield surveys. The IDNR Water Well Viewer Internet site shows no residential wells to the west of the Site. Industrial wells are shown near the Ohio River to the west and at an industrial site to the northwest (**Figure 6**). All of these wells draw from the Ohio River alluvium; however, details about their use are not available.

Based on the IDEM on-line wellhead proximity determinator, the Site is not within a wellhead protection area. Arcadis reviewed the Tell City Water Department Wellhead Protection Plan at the offices of the Department. Based on the 2011 version of the Wellhead Protection Plan, the five-year time of travel zone for the northern wellfield extends east to the intersection of Herrman and 10th Streets, approximately 1,100 feet from the western side of the Site.

2.5.1 Tell City Water Sampling Results

The Tell City Water Department has sampled the production wells twice since the off-site impacts have been found, and, at the suggestion of IDEM, the wells will be sampled for VOCs quarterly. Arcadis will coordinate with the Tell City Water Department and will sample the monitoring well network at approximately the same time.

Table 6 presents the results of sampling of northern well field wells 8 and 9 (city water supply) and 10 and 11 (non-potable Waupaca wells), along with a split sample collected by Arcadis during the first event. No chlorinated VOCs (CVOCs) have been detected in the northern city well field.

2.6 Geologic and Hydrogeologic Setting

2.6.1 Regional Geologic Setting

The Site is situated at the boundary between an upland area to the east and the Ohio River floodplain to the west (**Figure 1**). The upland area is underlain by Pennsylvanian age bedrock that consists of interbedded shale, sandstone, limestone, and coal. Sandstone bedrock can be seen cropping out at the surface within 0.75 mile to the east. Shale bedrock was encountered at approximately 26 feet bgs at a boring to the east of Windy Creek; however, the bedrock surface dips steeply below Ohio River flood plain sediments to the west.

The Ohio River flood plain sediments consist of interbedded clay, silt, and sand, with the ratio of silt/sand and clay varying with depth and laterally. These sediments are a valley fill sequence that thickens rapidly from the edge of the valley west to the river. Most of the valley fill near the river consists of sand and gravel glacial outwash.

2.6.2 Site Geological Setting

Soils under most (86%) of the Site are mapped as Urban Land-Elkinsville-Hatfield complex. These soils are disturbed by public works to the extent that much of the original texture is lost. Elkinsville-Hatfield soils are silt loam to silty clay loam developed on stream terraces. The other soils at the Site consist of silt loams that are influenced by streams (Windy Creek) at the southeastern and northeastern corners of the Site.

Inspection of historical aerial photographs (**Appendix A**) and a pre-construction topographic map (**Figure 7**) of the Site indicates that the southeastern corner of the Site was originally at the elevation of Windy Creek, and the northeastern corner of the Site was a drainage swale that discharged to Windy Creek. Both areas have been brought to the present grade with fill material.

The Site has two separate geological settings, along with the fill areas in the northeastern and southeastern corners (**Figure 8**). The southeastern half of the Site is dominated by unconsolidated deposits that consist

of silty to sandy clay with thin sandy layers. A relatively sharp line separates this area from the rest of the Site, which is underlain by 10 to 15 feet of clay-rich soil that overlies sand that extends to 30 to 35 feet bgs. The sand, in turn, overlies silty clay, which extends to at least 65 feet in the northwestern corner of the Site. This sand thickens rapidly to the west of the Site and transitions to the sand and gravel outwash valley fill. Borings advanced along the line that separates the two geologic settings show some interfingering of the shallow sand and clay in the transition.

Fill material consists largely of clayey silt to silty clay, with concrete demolition debris along the southeastern edges of the Site. A black layer that contains root traces and pieces of wood that underlies the fill areas is interpreted to be the top soil layer that was covered by the fill.

2.6.3 Regional Hydrogeologic Setting

The Hydrogeologic Atlas of Indiana (Fenelon et al. 1994) shows the Site at the boundary of the Unglaciated Southern Hills and Lowlands Aquifer System to the east and the Ohio River Outwash Aquifer Subsystem to the west, with the Ohio River Outwash Aquifer System lying farther west of the Site (**Figure 9**). The Site lies at the eastern edge of the Ohio River Outwash Aquifer Subsystem, and on- and off-site borings show that this unit is contiguous with the Ohio River Outwash Aquifer System to the west, with rapid thickening of both the sand and gravel aquifer and the saturated zone (**Figure 10**).

2.6.4 Site Hydrogeologic Setting

AOC-1

Five groundwater monitoring wells (MW-1, 2, 3, 4, and 15) have been installed in the AOC-1 area (**Figure 11**). The uppermost saturated zone in this area is the fill brought in to bring this part of the Site to grade with the building. The water in the fill may be perched on the old soil surface, and static water levels are generally 12 feet or less. **Figure 11** presents groundwater elevations and an inferred potentiometric surface in the AOC-1 area (**Table 7** presents well gauging data). Groundwater flow in this area is to the east, toward Windy Creek, with a steep gradient under the slope to the creek (between MW-3 and MW-4). Groundwater in this part of the Site is completely separate from other groundwater settings, as the saturated material is not natural soil, and the flow is dominated by the nearby stream and the slope to the stream. It is likely that groundwater discharges to Windy Creek, with no migration to the east, beyond the creek.

Clay-Dominated Area

Only one monitoring well (MW-7; **Figure 22**) has been installed into the natural soil in the clay-dominated area of the Site. This well is screened across thin (6 inches to 1.7 feet) clayey sand layers between 28 and 38 feet bgs within the silty to sandy clay. The lateral continuity of these sand layers is unknown; however, gauging of a temporary piezometer that was installed to the northeast of MW-7 indicates that flow in this area is likely to the east.

Ohio River Outwash Aquifer Subsystem

The northwestern portion of the Site, extending west to about 11th Street, is underlain by the Ohio River Outwash Aquifer Subsystem, where an 8- to 12-foot clayey zone overlies sand that extends to 30 to 35 feet bgs. The sand is underlain by gray clay, and a thin (2 to 5 foot) saturated zone is perched within the sand on top of the clay. On-site wells (MW-5, 6, 8, 9, and 10) within this aquifer have been installed as nested

pairs, with a shallow well installed at the base of the sand and a deeper well installed across thin clayey sand layers from 45 to 50 feet bgs in the underlying clay. Off-site wells (MW-11 through 14) within this aquifer consist of single wells screened at the base of the sand. Monitoring well MW-9 is located in a transitional area between the clay-dominated and sand-dominated areas, with the shallow aquifer consisting of interbedded sand and clay. Therefore, MW-9S is not included with the potentiometric surface mapping of the Ohio River Outwash Aquifer Subsystem. Because the Ohio River Outwash Aquifer Subsystem is contiguous with the Ohio River Outwash Aquifer System to the west, the mapping of the wells in this aquifer is combined with the shallow wells to the west. This mapping (**Figure 12**) shows a northwesterly groundwater flow direction, with a much steeper hydraulic gradient at and near the Site compared with the gradient to the west. The groundwater in the thin saturated zone between the Site and 10th Street appears to be flowing quickly along the steep gradient (0.014 ft/ft between MW-10S and MW-12) to the west; however, once it encounters the thicker saturated zone to the west of 10th Street, the gradient decreases (0.00082 ft/ft between MW-12 and MW-19S), and inertia is lost in the much larger volume of groundwater.

Figure 13 presents the potentiometric map for the thin clayey sands within the silty clay that underlies the Ohio River Outwash Aquifer Subsystem at the Site. It is unclear whether these sand layers are laterally connected; however, the groundwater elevations are similar, and a northerly groundwater flow direction is indicated.

To date, two samples of the Ohio River Outwash Aquifer Subsystem from on-site locations have been analyzed for geotechnical characteristics (**Table 8**). A Shelby Tube sample of the aquifer material from boring location AP-23B was found to have 37.1 percent porosity and a hydraulic conductivity of 8.28×10^{-4} centimeters per second (cm/sec), and a Shelby Tube sample of aquifer material from boring AP-31B was found to have 33.1 percent porosity and a hydraulic conductivity of 1.35×10^{-6} cm/sec.

Slug testing has also been performed on wells installed in the Ohio River Outwash Aquifer Subsystem (**Table 9**). Slug tests at monitoring wells MW-5S, 6S, 8S, 10S, and 12 found an average hydraulic conductivity of 6.5×10^{-3} cm/sec. Slug testing of the sand stringers in deeper clay at MW-9D indicate a lower hydraulic conductivity of 8.6×10^{-5} cm/sec.

<u>Ohio River Outwash Aquifer System</u>

To the west of 11th Street, the sand aquifer thickens quickly to 90 feet or more by 7th Street (**Figure 10**), and logs for City wells to the west of 7th Street indicate that the sand extends to more than 100 feet bgs at the city well field. The saturated thickness within this sand also increases to more than 50 feet. This aquifer to the west of 11th Street is the Ohio River Outwash Aquifer System. Groundwater flow in the sand aquifers has a general westerly component, toward the Ohio River. Pumping wells near the river may exert some influence on local groundwater flow.

Groundwater flow in the Ohio River Outwash Aquifer System is also complicated by the connection between the groundwater and the Ohio River. Groundwater elevation data collected on February 4, 2019 indicate that groundwater elevations in the monitoring wells along 7th Street (MW-19S, 20S, and 21S) were slightly higher than groundwater elevations in monitoring wells to the east (MW-16S, 17S, and 18S) (**Figure 12**, **Table 7**). Groundwater elevation data collected on March 1, 2019, when the Ohio River was high (water was covering the fields west of 7th Street), indicates that groundwater in the 7th Street monitoring wells was 2 to 3 feet higher than groundwater in the monitoring wells located to the east (**Table 7**). Based upon this

data, it appears that groundwater flow direction within the Ohio River Outwash Aquifer System varies as the water level in the river changes.

2.6.5 Aquitard Properties

At the request of IDEM, and on behalf of GE, Arcadis investigated the clay layer that underlies the Ohio River Outwash System and Subsystem aquifer at several locations. The drilling was performed using a sonic drill rig during the installation of nested monitoring wells MW-16 through MW-21. Boring logs are presented in **Appendix B**.

At the location of MW-21, the sand extends to 80 feet bgs and is underlain by at least 10 feet of gray silty clay. At the location of MW-20, the sand extends to 90 feet bgs and is underlain by at least 10 feet of gray silty clay (**Figure 10**). At the other deep well locations, the drilling was advanced a minimum of 3 to 8 feet into the underlying clay before stopping. Based on these results, it appears that the sand in the off-site areas is underlain by at least 10 feet of clay.

In addition to the deep drilling associated with the off-site monitoring wells, Arcadis oversaw the advancement of two deep borings near the western side of the Site. These borings were at the locations of the previously completed borings AB-19 and AP-23 and advanced to evaluate whether a deep aquifer is present below the previous limits of investigation at the Site (55 feet). The location of AB-19, near the southwestern corner of the site building, was drilled to a total depth of 90 feet. Almost the entire 90 feet of this boring consisted of clay, with a few gravelly seams present from 66 to 69 feet. This boring is representative of the clay-dominated area of the Site. The location of AP-23, near the northwestern corner of the Site, was drilled to a total depth of 76 feet. The boring found the bottom of the Ohio River Outwash Aquifer Subsystem at 40 feet and penetrated 28 feet of silty clay below the aquifer. The boring then penetrated 6 feet of weathered sandstone and sandstone and 2 feet of shale (**Figure 10**).

A subset of the clay samples from AP-23B, AP-31B, MW-13, MW-16, and MW-21 were submitted to a geotechnical laboratory for analysis of grain size, hydraulic conductivity, and other physical parameters. The results are presented in **Table 8**. The laboratory hydraulic conductivity results for the lower confining layer clay soils were all of the 10^{-8} cm/sec magnitude, or two to four orders of magnitude less than the overlying aquifer material.

These investigation results demonstrate that the aquifer is underlain by at least 10 feet of clay that has low hydraulic conductivity and will act as a good lower confining layer prevent migration of impacts to aquifers below the outwash aquifer.

All drilling within the lower confining layer and within impacted areas onsite were conducted using telescoping drill tooling. Soil borings within these areas were abandoned via pressure grouting. In locations where monitoring wells were installed, bentonite pellets were used to seal all soil boring penetrations into confining layers prior to installation of well materials.

3 SITE INVESTIGATIONS

The sections below discuss site investigations to date, organized by the AOC-1 area, site-wide soil, on- and off-site-wide groundwater, and VI. Investigation of the Site began with the evaluation of AOC-1, followed by

site-wide investigation of soil, site-wide investigation of groundwater, off-site investigation of groundwater, and evaluation of potential off-site VI.

Initial investigation of AOC-1 included analysis of samples for VOCs, PAHs, PCBs, and RCRA metals, and investigation of site-wide soils included analysis of VOCs, PAHs, and PCBs. Although PCBs were detected in soil and groundwater samples collected from the AOC-1 area, only one low-level detection of PCBs was found in one soil sample located collected outside AOC-1 (sample AB-3, depth interval 8 – 10 feet bgs), therefore PCBs have been removed from further characterization outside of AOC-1. PAH compounds were detected in several soil and groundwater samples; however, concentrations above screening levels were found in only a few scattered locations, and PAHs have been removed from further characterization of the site-wide and off-site investigation. The only metal to be above screening levels is arsenic. Although above a screening level at numerous locations, the arsenic concentrations found in the investigations are within the range of naturally occurring arsenic concentrations in Indiana (Dragun and Chiasson 1991). Consequently, and because arsenic is not a constituent of concern with regard to the past Site operations, metals have been removed from further evaluation.

The constituents of concern for AOC-1 are VOCs and PCBs and VOCs for the site-wide and off-site areas.

Various prefixes have been used to identify soil boring locations during the previous stages of investigation. The “P” soil boring prefix was used for soil borings advanced during the initial investigation of AOC-1. The “AB” soil boring prefix has been used for soil borings advanced during the Site-wide investigation. The “AP” soil boring prefix has been used for soil borings advanced during the Site-wide and off-Site sampling (largely for groundwater). The “SAP” soil boring prefix has been used for soil borings advanced to delineate on-Site source areas.

3.1 Data Screening Method

Although laboratory results have been compared to older risk-based standards in past reports, the results herein are compared to the 2018 IDEM RCG screening levels, as this document is the first submittal for RCRA Corrective Action for site-wide issues.

For the purposes of the investigation to date, data have been compared to the default land use scenarios published in the 2018 RCG (**Table 4**). On-site samples are compared to the commercial/industrial land use scenario because the ultimate solution for the on-site impacts is likely to incorporate the establishment of an environmental restrictive covenant (ERC) that will limit future land use to commercial/industrial purposes. Because the RCG has no groundwater screening level for non-residential purposes, the residential tap water screening level has been used to initially screen the Site groundwater; however, the ERC is also expected to prohibit the use of on-site groundwater for potable purposes, eliminating the drinking water pathway for the on-site area.

The residential tap water screening level has also been used for initial screening of off-site groundwater data, however, all properties in the areas of offsite impacts have city water service. IDEM residential and commercial/industrial groundwater vapor exposure screening levels (based upon their current and projected future land use) have been used to determine which offsite structures are evaluated for potential VI.

Table 5 presents the screening levels used for those compounds that have been detected at concentrations above one or more screening levels. Most of the screening levels are default values from the 2018 version

of RCG Table A-6. Sub-slab vapor and soil vapor screening levels have been derived by applying an attenuation factor of 0.03 to the default indoor air screening levels, as recommended by the U.S. EPA. The indoor air screening level is divided by 0.03 to calculate a screening level for sub-slab and soil vapor data.

GE expects to use site-specific geochemical and geophysical parameters to calculate site-specific remedial goals for soil and/or groundwater as part of the remedial plan. These data will be presented and discussed in a future Remediation Work Plan.

3.2 AOC-1 Investigation

3.2.1 Location

AOC-1 is located in the southeastern corner of the Site, encompassing the small outbuildings in this area and in adjacent areas. It includes paved areas and areas under roof within the fenced portion of the Site as well as grassy and tree-covered ground to the east of the fence line. Sampling has extended AOC-1 onto a portion of land owned by Tell City on the slope down to Windy Creek.

3.2.2 History

Investigation of AOC-1 has proceeded with a series of site investigations (Arcadis 2012, 2016, 2017a, 2017b), which have gradually expanded the area of interest around the originally investigated area to the east of the outbuildings. The investigation has expanded to the east, extending east of Windy Creek; to the north, to include SWMU 35; to the west to include SWMU 33; to the south, near the southern property line; and along Windy Creek to include stream sediments.

Soil sampling at AOC-1 has been accomplished via direct-push probing and hand-augering in the wooded area and steep slope to Windy Creek to the east. The depth of hand-augering has been limited by tree roots and concrete fill material. **Table 10** presents soil analytical data for samples collected during the investigation of AOC-1. Concentrations above screening levels for soil are also presented on **Figure 14**.

Constituents of concern at concentrations above soil screening levels were found in soil from below the paved area of AOC-1, from below the grassy area immediately east of the pavement, and from soil on the slope down to Windy Creek. Compounds at concentrations above one or more soil screening levels in samples from AOC-1 are PCE, TCE, cis-1,2-DCE, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, xylenes, 1,1,1-trichloroethane, vinyl chloride, PCBs (both Aroclor 1248 and Aroclor 1254), and arsenic. Although arsenic has been detected above the IDEM screening level at some sample locations, the arsenic concentrations found in the investigations are within the range of naturally occurring arsenic concentrations in Indiana (Dragun and Chiasson 1991) and is therefore not considered to be a COC for this Site. Other VOCs and PAH compounds were detected at concentrations below soil screening levels.

Soil analytical data suggest three types of source materials are likely present at AOC-1:

- The detections of PCBs and PAH compounds suggest that oils or oily material were one source component.
- The presence of benzene, toluene, ethylbenzene, and xylene (BTEX compounds), along with propylbenzenes, naphthalene, and methylnaphthalenes, suggests that fuel or other petroleum may be another source component.

- The detections of TCE and PCE suggest that solvents may be a third source component.

The source(s) of the impacts remain unknown; however, it is likely that the soil impacts in unpaved areas to the east of the outbuildings are derived from surface runoff from the paved areas.

No VOC or PCB analytes were detected in samples of Windy Creek sediment that were collected upstream, downstream, and adjacent to AOC-1 (see Arcadis 2017b for details about this sampling event).

Groundwater samples in the AOC-1 area have been collected from both temporary wells installed in direct-push boreholes and from the monitoring wells installed in the area (MW-1, 2, 3, 4, and 15).

CVOC compounds detected in borehole water, specifically TCE and its degradation products are present at concentrations above groundwater screening levels in a wide area of the Site (**Table 14** and **Figure 20**), with higher concentrations of TCE and its degradation products in the northern area than in the south. Concentrations of the CVOCs detected above screening levels are summarized below.

Table 11 presents groundwater analytical data for samples collected from the AOC-1 area, and results above groundwater screening levels are presented on **Figure 15**. Compounds at concentrations above groundwater screening levels in the AOC-1 area are TCE, cis-1,2-DCE, vinyl chloride, xylenes, naphthalene, 1,2,4-trimethylbenzene, benzene, PCB (Aroclor 1254), and arsenic (unfiltered). Other VOC and PAH compounds were detected in groundwater but at concentrations below the respective screening levels. Most of the detections above screening levels were found in the northern half of the AOC-1 area. A summary of the compounds above groundwater screening levels are provided below.

- TCE was detected at concentrations above the IDEM tap water screening level of 5 µg/L at three locations, ranging from 9.9 µg/L to 147 µg/L,
- cis-1,2-DCE was detected at concentrations above the IDEM tap water screening level of 70 µg/L at two locations, ranging from 162 µg/L to 469 µg/L,
- 1,2,4-Trimethlybenzene (TMB) was detected at a concentration above the IDEM tap water screening level of 56 µg/L at two locations ranging from 60 µg/L to 91.4 µg/L,
- Vinyl chloride was detected at concentrations above the IDEM tap water screening level of 2 µg/L at six locations, ranging from 2.1 µg/L to 22.2 µg/L,
- Naphthalene was detected at concentrations above the IDEM tap water screening level of 1.7 µg/L at two locations ranging from 5.6 µg/L to 23.7 µg/L,
- Benzene was detected at a concentration above the IDEM tap water screening level of 5 µg/L at one location ranging from 12.5 µg/L to 20.6 µg/L,
- m-, p-, and o-xylene were detected at concentrations above their tap water screening levels of 190 µg/L at one location at 1280 µg/L and 235 µg/L, respectively, and
- PCB Aroclor 1254 was detected at concentrations above the IDEM tap water screening level of 0.078 µg/L at three locations ranging from 0.10 µg/L to 7.6 µg/L.

Additionally, groundwater samples collected from temporary wells installed in two soil borings (P-19 and P-20) advanced to the east of Windy Creek did not exhibit VOC or PCB compounds.

The laboratory reports for this work have been presented in previous submittals (Arcadis 2012, 2016, 2017a, 2017b).

3.2.3 Evaluation of Current Conditions

Analytical data from the AOC-1 area suggest that impacts are derived from more than one source material. Based on the RFA, historical aerial photographs, and an interview with a former site employee, the area around AOC-1 was used for the storage of waste materials and product materials. It is likely that, rather than a single point source, the impacts are derived from multiple releases from multiple areas, with infiltration into the soil through concrete joints and cracks and via runoff to the unpaved area. Impacts have migrated to groundwater under AOC-1. This groundwater is within fill material and appears to be perched above a buried soil horizon. The groundwater has a steep gradient towards Windy Creek and likely discharges to the creek. There has been no apparent impact to sediment in Windy Creek, and impacts have not migrated to the east of the creek. Impacts in the northern and northwestern areas of AOC-1 are likely commingled with impacts from one or more other sources at the Site (see below).

3.2.4 Conclusion

As shown on **Figures 14** and **15**, the extents of compounds with concentrations above their screening levels in AOC-1 soil and groundwater have been largely delineated. Arcadis plans to advance at least one direct-push soil boring and two hand-augered borings to the north of the area sampled to further delineate CVOCs and PCBs.

3.3 Site-Wide Soil Investigation

3.3.1 Soil Investigation History

The investigation of site soil beyond AOC-1 began with the advancement of 21 soil borings ("AB" boring series) spaced around the Site (**Figure 16**). The borings were located in areas of the Site identified as suspect source areas based on historical maps and aerial photographs (**Appendix A**). These included the location of a former 4,500-gallon TCE AST to the east of the main plant, the location of a former chemical storage building to the north of the plant, the location of sub-grade structures within the building, and the location of a paint line area within the building (**Figures 3** and **4**). Other boring locations were spaced to attain representative coverage of the Site. Two soil samples were collected from each of the 21 borings and analyzed for VOCs, semi-volatile organic compounds (SVOCs), PCBs and RCRA 8 metals. A summary of the analytical results is provided below and presented in **Table 12**.

- One PCB Aroclor (1254) was detected in one soil sample (AB-3 at 8 to 10 feet; near the former chemical storage building). The PCB concentration was below the RCG screening level for soil (0.0479 milligram per kilogram [mg/kg]).
- Several SVOC compounds were detected in scattered locations around the Site; however, concentrations above soil screening level were found at only two locations: at AB-3 and at AB-7, under the floor of the northern part of the building.
    - Concentrations of the following SVOCs were observed above soil screening levels in boring AB-3 at 8 to 10 feet bgs:
        - Benzo(a)pyrene was detected at a concentration (1.08 mg/kg) above its residential direct contact screening level of 0.21 mg.kg;
        - Dibenzo(a,h)anthracene was detected at a concentration (0.261 mg/kg) above its residential direct contact screening level of 0.21 mg/kg; and

        - Naphthalene was detected at a concentration (0.987 mg/kg) above its migration to groundwater screening level of 0.11 mg/kg
    - Estimated concentrations of pyridine (0.236 mg/kg) and naphthalene (0.0373 mg/kg) were detected in soil boring AB-7 (2 to 4 feet and 28 to 30 feet, respectively).
- Arsenic was detected at concentrations above the soil screening level in 41 soil samples collected from the 21 soil borings. Concentrations ranged from 6.3 mg/kg to 25.1 mg/kg, which are within the range of naturally occurring arsenic in Indiana soils (Dragun and Chiasson 1991).
- VOC compounds were detected in soil samples from across the Site, again reflecting sources that included petroleum material and solvents. The only petroleum compounds above soil screening levels were in the shallow soil sample (8 to 10 feet) from boring AB-3:
    - Naphthalene was detected at a concentration (0.568 mg/kg) above its migration to groundwater screening level of 0.11 mg/kg;
    - 1,2,4-TMB was detected at a concentration (18.3 mg/kg) above its migration to groundwater screening level of 0.44 mg/kg;
    - 1,3,5-TMB was detected at a concentration (5.47 mg/kg) above its migration to groundwater screening level of 3.4 mg/kg; and
    - M- and p-xylene were detected at concentration (5.52 mg/kg) above their migration to groundwater screening level of 3.7 mg/kg
- CVOC compounds, specifically TCE and its degradation products (cis-1,2-DCE and vinyl chloride), were found across a wide area of the Site, with TCE, cis-1,2-DCE and vinyl chloride concentrations being detected above soil screening levels. Concentrations of the following CVOCs detected above screening levels are also provided in **Table 12**:
    - PCE was detected at concentrations above its migration to groundwater soil screening level of 0.045 mg/kg at two locations: AB-15 (0.156 mg/kg at 2 to 4 feet) and AB-7 (0.05 mg/kg at 28 to 30 feet).
    - TCE was detected at concentrations above migration to groundwater, residential direct contact and industrial direct contact soil screening levels (0.036, 5.7, and 19 mg/kg respectively) at 12 locations ranging from 0.06 to 2,100 mg/kg.
    - Cis-1,2-DCE was detected at concentrations above its migration to groundwater soil screening level of 0.41 mg/kg at eight locations from 0.59 to 5.36 mg/kg.
    - Vinyl chloride was detected at a concentration above its migration to groundwater soil screening level of 0.014 mg/kg at one location (AB-15 at 22 to 24 feet (0.049 mg/kg).

Except for a sample from near the water table from boring AB-3, significant CVOC concentrations were not found in soil at the footprint of the former chemical storage building; however, samples collected from the vicinity of the former TCE AST did contain significant concentrations of CVOC compounds, suggesting that the AST or related piping may have been a source area for subsurface impacts. Analysis of other soil samples indicated significant area of shallow soil impacts under the floor of the building, with the highest TCE concentrations being near the painting area and to the southwest of the painting area. The laboratory reports for this work were presented in Arcadis 2018a.

3.3.2 2018 Soil Investigations

In 2018, follow-up investigations identified and delineated source areas for the previously identified impacts. These areas were investigated via soil borings (using the "SAP" prefix) advanced to at least 16 feet and sampled every 4 feet. A total of 54 source area borings have been advanced to date, and as of March 1, 2019, a total of 288 soil samples have been analyzed for VOC compounds. Additional SAP borings are planned, and details of these are provided in Section 5. Samples from the first 48 borings were analyzed using an on-site mobile laboratory that allowed Arcadis flexibility in placing boring locations. Other analyses were performed at a fixed laboratory (Pace Laboratory in Indianapolis, Indiana). Laboratory reports for these analyses were provided to IDEM in a previous report (Arcadis 2018g).

The results of the source area investigation indicate three apparent source areas, termed AOC-2, 3, and 4 herein (**Figure 16**):

- AOC-2: This is an area to the east of the main plant building where the former TCE AST was formerly located.
- AOC-3: This is an area in the northeastern portion of the Site, largely east of the former chemical building.
- AOC-4: This is the southwestern corner of the main plant building.

3.3.2.1 AOC-2

Based on historical aerial photographs and maps, the location of the former 4,500-gallon TCE AST was immediately east of the 1953 portion of the main plant building. It is likely that this tank was connected to interior areas via either aboveground or underground piping; however, no maps showing the piping layout have been found.

Investigation of this area has included a total of 18 soil borings (15 "SAP" borings and three previous borings (AB-16, AB-17, and AB-18; **Figure 17**). Borings indicate that the AST area is within the clay-dominated area of the Site, with the upper 50 feet of soil being silty to sandy clay, with a few scattered thin sandy layers. The uppermost sandy layer is a 2- to 3-inch-thick, wet, sandy clay zone that occurs from approximately 10 to 12 feet bgs in this area of the Site.

Analysis of soil samples indicates an area of elevated TCE concentrations is centered at the location of the former AST (**Figure 17** and **Table 13**). The impacted area has a general "bulls-eye" pattern, with TCE concentrations decreasing laterally away from the AST area and with depth, although impacts are more than 20 feet bgs at the site of the former tank. TCE is the primary VOC compound in this area; however, its degradation products cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride are also present at concentrations above soil screening levels. PCE is also present in this area, with the highest concentrations along the building in the southern side of the AST area (borings SAP-18 and SAP-19).

Concentrations of the following CVOCs detected above screening levels are also provided in **Table 13**:

- 1,1,2-Trichloroethane (1,1,2-TCA) was detected at a concentration above its migration to groundwater soil screening level of 0.032 mg/kg at 8 feet in boring SAP-13 (0.04 mg/kg).
- 1,1-DCE was detected at concentrations above its migration to groundwater soil screening level of 0.05 mg/kg at four locations, ranging from 0.076 to 0.194 mg/kg.
- PCE was detected at concentrations above its migration to groundwater soil screening level of 0.045 mg/kg at eight locations, ranging from 0.048 to 22 mg/kg.

- TCE was detected at concentrations above its migration to groundwater, residential direct contact and industrial direct contact soil screening levels (0.036, 5.7, and 19 mg/kg respectively) at 14 locations, ranging from 0.043 to 3,940 mg/kg.
- cis-1,2-DCE was detected at concentrations above its migration to groundwater soil screening level of 0.41 mg/kg at 10 locations, ranging from 0.48 to 45 mg/kg.
- Vinyl chloride was detected at concentrations above its residential direct contact and migration to groundwater soil screening levels (0.014 and 0.83 mg/kg respectively) at four locations, ranging from 0.028 to 1.1 mg/kg.

Evaluation of Current Conditions

In general, the highest VOC concentrations in soil in AOC-2 were found in samples from the 8- and 12-foot samples. It is likely that the thin, wet, sandy clay encountered from 8 to 12 feet bgs allowed VOCs to accumulate and spread out laterally, however, the clay above and below this zone has lower permeability and retards lateral and vertical migration of VOCs.

Conclusion

Lateral delineation of soil impacts at AOC-2 appears to be complete. There appears to be some commingling of soil impacts from the former AST with impacts from the AOC-1 area. The vertical delineation of soil impacts at AOC-2 is also largely complete, although one deeper soil boring in the center of the impacted area is needed to fully define the depth of impacts.

3.3.2.2 AOC-3

Although the initial investigation of the former chemical storage building did not indicate a likely source at the building footprint, later groundwater investigations (see below) suggested that a source for VOC impacts is present in the northern part of the Site. Consequently, a total of 22 SAP borings were advanced at and largely to the east of the former chemical building (**Figure 18**).

The borings indicate that this area is at the transition between the clay-dominated and sand-dominated areas of the Site. The eastern borings advanced in this area are underlain by clay, whereas the western borings encountered sand at depth. Borings in the northern part encountered a buried top soil horizon, indicating that they were in the filled area of this part of the Site (**Figure 8**).

Analysis of the samples indicates a north-south oriented linear area of elevated TCE to the east of the former chemical building. This area underlies asphalt-paved surface and extends under the northeastern portion of the main building (boring SAP-49). Additionally, borings SAP-50 and SAP-51 indicate that impacts are present to the northeast of the main linear trend.

CVOC compounds (specifically, TCE and its degradation products) are present at concentrations above soil screening levels. Concentrations of the following CVOCs detected above screening levels are also provided in **Table 13** and shown on **Figure 18.**

- 1,1-DCE was detected at concentrations above its migration to groundwater soil screening level of 0.05mg/kg at five locations, with concentrations ranging from 0.066 to 0.34 mg/kg).
- PCE was detected at concentrations above its migration to groundwater soil screening level of 0.045 mg/kg at six locations, with concentrations ranging from 0.061 to 1.3 mg/kg.

- TCE was detected at concentrations above its migration to groundwater, residential direct contact, and industrial direct contact soil screening levels (0.036, 5.7, and 19 mg/kg respectively) at 17 locations, with concentrations ranging from 0.053 to 1,400 mg/kg.
- Cis-1,2-DCE was detected at concentrations above its migration to groundwater and residential direct contact soil screening levels (0.41 and 220 mg/kg respectively) at 12 locations, with concentrations ranging from 0.49 to 514 mg/kg.
- Trans-1,2-DCE was detected at concentrations above its migration to groundwater soil screening level of 0.59 mg/kg at two locations: 0.94 mg/kg at 12 to 16 feet at SAP-12 and 2.2 mg/kg at 19 to 20 feet at SAP-33B.
- Vinyl chloride was detected at concentrations above its migration to groundwater and residential direct contact soil screening levels (0.14 and 0.83 mg/kg respectively) at nine locations, with concentrations ranging from 0.034 to 8.9 mg/kg.

Evaluation of Current Conditions

AOC-3 has higher and more wide-spread concentrations of the degradation products compared to other areas at the Site. In addition to the CVOCs, analysis of soils also found several petroleum compounds; however, none were at concentrations above screening levels.

At this time, the source for the VOC impacts at AOC-3 is unknown. Based on soil analytical data from the Site investigations, it does not appear that the former chemical storage building is the source, as the impacts are to the east and in a linear orientation that does not include the footprint of the former building. Original plant blueprints and historical aerial photographs indicate the presence of a “ground gutter” that ran from south to north and emptied into the natural drainage, discharging northeast to Windy Creek (**Appendix A**). This ground gutter was essentially an open ditch for stormwater; however, the location of the ditch appears to have been slightly east of the TCE linear trend.

Conclusion

Although the presence of a source area at AOC-3 has been documented, the full lateral and vertical delineation of soil impacts at this area has not been completed. Step-out borings to the northeast, south, east, and west will be required for lateral delineation, and deeper borings at a few locations will be required for vertical delineation.

3.3.2.3 AOC-4

Based on the past analysis of soil samples from beneath the floor of the main building, the southwestern corner of the building was a suspected source area and has been investigated with a total of 16 SAP soil borings and two AB borings (AB-13 and AB-19; **Figure 19**).

Most of the borings in this area of the Site encountered silt, silty clay, and clay to a depth of 28 feet below grade, with no water-bearing sands encountered. However, a few of the borings in the northwestern portion of AOC-4 encountered interbedded silt, sand and clay. Based on this, it appears that AOC-4 is situated at the transition between the clay-dominated southeaster portion of the Site and the sand-dominated northwestern area of the Site. Based on its position at this transition, it is likely that AOC-4 is the source of the southern area of groundwater impacts.

CVOC compounds (specifically, TCE and its degradation products) are present at concentrations above soil screening levels. Concentrations of the following CVOCs detected above screening levels are also provided in **Table 13** and shown on **Figure 19**.

- 1,1,2-TCA was detected at concentrations above its migration to groundwater soil screening level of 0.032 mg/kg at 0.15 mg/kg at 4 feet in SAP-40 and at 0.36 mg/kg at 12 feet in SAP-23.
- 1,1-DCE was detected at concentrations above its migration to groundwater soil screening level of 0.05 mg/kg at three locations, ranging from 0.18 to 0.61 mg/kg.
- PCE was detected at concentrations above its migration to groundwater soil screening level of 0.045 mg/kg at seven locations, ranging from 0.053 to 3.1 mg/kg.
- TCE was detected at concentrations above its migration to groundwater, residential direct contact, and industrial direct contact soil screening levels (0.036, 5.7, and 19 mg/kg respectively)at 14 locations, ranging from 0.04 to 370 mg/kg.
- cis-1,2-DCE was detected at concentrations above its migration to groundwater soil screening level of 0.41 mg/kg at six locations, ranging from 0.51 to 160 mg/kg.
- trans-1,2-DCE was detected at concentrations above its migration to groundwater soil screening level of 0.59 mg/kg at two locations: at 1.2 mg/kg at 12 feet in SAP-40 and at 2.1 mg/kg at 16 feet in SAP-22.
- Vinyl chloride was detected at concentrations above its migration groundwater soil screening level of 0.014 mg/kg at four locations, ranging from 0.0222 to 0.38 mg/kg.

Evaluation of Current Conditions

The borings indicate that this area is at the transition between the clay-dominated and sand-dominated areas of the Site. The eastern borings advanced in this area found the area underlain by clay, whereas the western borings encountered sand at depth.

Analysis of soil samples indicates a fairly wide area of elevated TCE concentrations in shallow soil under the floor of the building in this area (**Figure 19**). Concentrations above soil screening levels extend into deeper soil; however, the deeper impacts are concentrated in the northwestern portion of AOC-4.

There are no known specific former operations in this area of the Site that would have been a likely source of TCE; however, the area is close to the former painting operations, and it formerly had a varnish dip tank (the solvents in the varnish were toluene and xylene). Given the wide area of shallow soil impacts, it appears likely that the release, wherever the specific release point was located, entered the gravel base below the concrete floor and spread laterally through the gravel, which was underlain by relatively impermeable clayey soil.

Conclusion

Based on the information provided above, additional step-out borings are needed to more fully characterize the lateral and vertical extents of impacts in this area. As indicated in Section 5, additional data will be collected and used to document whether a soil management plan is necessary for AOC-4 and to confirm if soil impacts in this area are migrating to the groundwater. Because this area is at the transition between the two geological areas of the Site, it is likely that it is a source for the southern portion of the groundwater impacts.

3.4 On-Site and Off-Site Groundwater Investigation

3.4.1 Location

Groundwater outside AOC-1 has been investigated in a step-wise manner, starting with the collection of samples from temporary wells installed in direct-push boreholes in a series of on-site northeast-southwest oriented transects (**Figure 20**). Based on the results of this initial phase of sampling, on-site monitoring well sets MW-5, 6, 7, and 8 were installed. The groundwater investigation also expanded to the off-site area to the west and northwest of the Site with the collection of samples from temporary wells installed in the alleys between the north-south streets. The temporary well sampling expanded to the west and northwest, as results indicated the extent of TCE above its screening level.

Several deep boreholes were advanced in the area to the west of 10th Street, where the aquifer thickens. The deep boreholes were sampled at several depths in order to obtain vertical aquifer profiles and evaluate whether the impacts had migrated vertically in the aquifer.

Based on the results of the vertical aquifer profiling, six sets of nested monitoring wells (suffixed S, I, and D for shallow, intermediate and deep) were installed in the thick Ohio River Outwash Aquifer System to the west of 10th Street. These wells were installed to have: (1) screens across the water table, (2) screens between 50 and 60 feet bgs, and (3) screens at the base of the aquifer. In one case (MW-19), the base of the aquifer was in the 50- to 60-foot range; therefore, only two wells were installed. Depths to groundwater within these wells have been gauged, but no sampling results are yet available.

Descriptions of sampling methods, logs for the borings and wells, and laboratory reports for the groundwater sampling have been presented in previously submitted update reports (Arcadis 2018a, 2018c, 2018d, 2018e, 2018f, 2018g).

3.4.2 2017 On-Site Groundwater Investigation

In late 2017, a total of 16 temporary wells were installed into direct-push boreholes ("AP" series borings) for the evaluation of on-site groundwater beyond the AOC-1 area (**Figure 20**). A summary of the investigations and analytical results is provided below.

CVOC compounds detected in borehole water (specifically, TCE and its degradation products) are present at concentrations above groundwater screening levels in a wide area of the Site (**Table 14** and **Figure 20**) with higher concentrations of TCE and its degradation products in the northern area than in the south. Concentrations of the CVOCs detected above screening levels are summarized below:

- PCE was detected at a concentration (estimated) above its tap water screening level of 5 micrograms per liter (µg/L) at one location: 8.4 µg/L at AP-31.
- TCE was detected at concentrations above its IDEM tap water screening level of 5 µg/L at 12 locations, ranging from 12.6 to 1,990 µg/L.
- cis-1,2-DCE was detected at concentrations above its tap water screening level of 70 µg/L at six locations, ranging from 1,010 to 4,730 µg/L.
- Vinyl chloride was detected at concentrations above its tap water screening level of 2 µg/L at eight locations, ranging from 2.2 to 2,860 µg/L.

Based on the findings, permanent groundwater monitoring wells MW-5S and D, MW-6S and D, and MW-8S and D were installed in the northwestern half of the Site in August 2017 (**Figure 20**). The wells designated as "S" were set with the well screens at the base of the saturated sand, and the wells designated as "D" were set with screens across the deeper sand stringers within the clay that underlies the sand. Monitoring well MW-7 was installed in the area of the former AST and is set across sand stringers in clay from 29 to 39 feet bgs, as this area of the Site has no upper sand layer.

CVOC compounds detected in groundwater (specifically, TCE and its degradation products) were found to be present at concentrations above groundwater screening levels in samples from the monitoring wells. Concentrations of the following CVOCs detected above screening levels are also provided in **Table 15**:

- TCE was detected at concentrations above its tap water screening level of 5 µg/L at four locations, ranging from 27.8 µg/L (MW-6S) to 2,020 µg/L (MW-7).
- cis-1,2-DCE was detected at concentrations above its tap water screening level of 70 µg/L at four locations, ranging from 5.1 µg/L (MW-6D) to 21,600 µg/L (MW-6S).
- trans-1,2-DCE was detected in one monitoring well at a concentration above its tap water screening level of 100 µg/L at one location: 109 µg/L (MW-6S).
- Vinyl chloride was detected at concentrations above its tap water screening level of 2 µg/L at four locations, ranging from10.1 µg/L (MW-7) to 4,470 µg/L (MW-7).

3.4.3 2018 Off-Site Groundwater Investigations

Starting in February 2018, the investigation of off-site groundwater started at the first two alleys to the west of the Site and expanded in phases west to 7th Street. As described above, the sampling evolved from the collection of samples from temporary wells (50 locations), to the collection of vertical aquifer profile samples (16 locations), to the installation of single monitoring wells (four locations), to the installation of six nested monitoring wells in the area of thick aquifer material (**Figures 21** and **22**).

CVOC compounds detected in groundwater samples from the temporary wells were found to be present at concentrations above groundwater screening levels. Concentrations of the following CVOCs detected above screening levels are also provided in **Table 14** and on **Figure 21**:

- PCE was detected at concentrations above its tap water screening level of 5 µg/L at ten locations and ranged from 5.6 to 72 µg/L.
- TCE was detected at concentrations above its tap water screening level of 5 µg/L at 28 locations and ranged from 11.1 to 758 µg/L.
- cis-1,2-DCE was detected at concentrations above its tap water screening level of 70 µg/L at seven locations, ranging from 104 to 1,430 µg/L.
- Vinyl chloride was detected at concentrations above its tap water screening level of 2 µg/L at nine locations and ranged from 2.1 to 40.3 µg/L.

In August 2018, four additional monitoring wells (MW-11 through MW-14) were installed in the alley between 11th and 12th Streets (**Figure 22**). Gauging and sampling of these wells confirmed the off-site impacts to groundwater and the northwesterly groundwater flow direction.

CVOC compounds detected in groundwater are present at concentrations above groundwater screening levels. Concentrations of the following CVOCs detected above screening levels are summarized below and provided in **Table 15**:

- TCE was detected at concentrations above the its tap water screening level of 5 µg/L in samples from all four wells, ranging from 12 µg/L in the sample from MW-11 to 484 µg/L in the sample from MW-13.
- cis-1,2-DCE was detected at a concentration above its tap water screening level of 70 µg/L in the sample from MW-13 (100 µg/L).

3.4.4 Summary of On and Off-Site Groundwater Conditions

On- and off-site investigation of groundwater has found that impacts to the Ohio River Outwash Aquifer Subsystem in the northwestern half of the Site have migrated to the west and have impacted the Ohio River Outwash Aquifer System to the west of 11th Street. Impacts at the Site and extending west to 11th Street are present within the thin (1 – 3 feet thick) saturated zone. Impacts west of 11th Street affect deeper groundwater, with the highest concentrations in the 50- to 60-foot range. Impacts extend as far west at 7th Street, but no evidence of CVOC impacts has been observed in the Tell City well network to the west of 7th Street.

Figure 23 presents isoconcentration maps for PCE, TCE, cis-1,2-DCE, and vinyl chloride in the shallow portion of the aquifer. The following observations are made regarding the impacts to groundwater:

- PCE is present at concentrations above the 5 µg/L tap water screening level in one on-site sample location and in five off-site sample locations directly to the west of the Site. The maximum PCE concentration in these samples was 9.7 µg/L in the sample from boring AP-53, which was collected in the alley between 12th and 13th Streets. PCE was detected in samples from other on-site and nearby off-site locations, but the concentration was not above the screening level in those samples.
- Higher concentrations of PCE were detected in two locations: one at boring AP-66, to the north of the Site, along 13th Street and at a commercial area to the northwest of the Site (borings AP-73, AP-78, and AP-96). Detections in this commercial area are as high as 55.1 µg/L and are separated from the Site by non-detect or low-concentration detections. It is Arcadis' opinion that the PCE detections in the commercial area to the northwest are related to an unidentified secondary source.
- PCE was also detected at sub-screening level concentrations in samples collected at various depths along 7th Street. These detections are separated from the Site by non-detect results. It is Arcadis' opinion that these detections are related to a secondary source.
- TCE is present at concentrations above the 5 µg/L screening level in an area of shallow water impact that extends from the Site to 9th Street to the west. The highest concentrations of TCE are present in two areas: (1) in the area to the north of the plant building and (2) immediately downgradient of the southwestern corner of the building. These two areas coincide with the soil data that indicate a northeastern source area (AOC-3) and a southwestern source area (AOC-4). It does not appear that the AST area (AOC-2) is contributing a significant mass to the groundwater impacts, due to the limited extent of lateral impacts and the primarily clay soils in that area. The area of impacts is reflective of the northwesterly groundwater flow direction and the break between the two on-site geological regimes.
- TCE degradation products are present at higher concentrations in the northern area of the Site compared to the southern area. This could be reflective of the relative ages of the two source areas or that the geochemistry of the northern area is more conducive to reductive dechlorination. It is possible that the petroleum compounds present in the northern area are enhancing dechlorination.

- To the west of 11th Street (within Ohio River Outwash Aquifer System), the TCE impacts sink within the aquifer. The highest concentration of TCE have been detected at approximate depths of 50 to 60 feet within the affected area between 11th Street and 7th Street, with little or no TCE detected in the upper or lower portions of the aquifer.

3.5 Vapor Intrusion Investigation

Immediately after identifying TCE in shallow off-site groundwater samples at concentrations above the IDEM groundwater vapor exposure screening levels, a VI evaluation of off-site structures to the west of the Site was initiated in early 2018. As the groundwater investigation proceeded to the west, additional groups of structures were added to the VI evaluation in phases (**Figure 24**). To date, five phases of VI evaluation have been initiated, and a total of 70 structures have been evaluated.

The methods and results of the VI evaluation were presented in Arcadis' 2018 reports to IDEM. **Appendix B** presents indoor air and sub-slab vapor sampling tables for all of the structures sampled to date. For this and other public documents, Arcadis has coded the structures with ID numbers to maintain the privacy of the property owners.

The table below presents a summary of the VI evaluation program as of March 1, 2019.

Phase	Residential Structures	Commercial Structures	Total Number of Structures	Number Sampled	Number Above Sub-Slab Vapor Screening Level	Number Above Indoor Air Screening Level	Precautionary Mitigation Systems Installed
1	29	3	32	30	8	0	6
2	22	2	24	22	12	1	7
3	0	7	7	7	1	0	1
4	5	0	5	5	0	0	0
5	6	0	6	4	0	0	0
Other	2	0	2	2	0	0	0
Total	**63**	**12**	**76**	**70**	**21**	**1**	**14**

As of March 1, 2019, no detections of TCE have been found above IDEM standards in the main living spaces of homes. The one concentration of TCE above its indoor air screening level noted in the table above was detected in an unfinished basement.

Precautionary vapor mitigation systems have been offered in instances where TCE has been detected in sub-slab vapor samples at concentrations greater than two times the corresponding IDEM screening level, in accordance with IDEM guidance. The difference between the number of structures with sub-slab vapor results above screening levels and the number of precautionary mitigation systems installed is due to: (1) one owner who refused to have a mitigation system installed and (2) six instances where the sub-slab vapor sample concentration was only slightly above the IDEM sub-slab screening level (less than two times screening level), such that additional sampling was warranted instead of installing a precautionary mitigation system.

In January 2019, Arcadis began indoor air and sub-slab heating-season sampling of structures that do not have mitigation systems. After this sampling event is completed, indoor air and sub-slab vapor samples will have been completed during the summer cooling and winter heating seasons at most of the structures shown on Figure 24. Following receipt of the 2019 winter seasonal sampling results, data will be validated and adjustments to the sampling program will be recommended based upon data trends. Precautionary mitigation systems will continue to operate at the structures where they were installed, and confirmation indoor air sampling will be conducted in accordance with IDEM guidance.

4 CONCEPTUAL SITE MODEL

The work done to date provides information for the following conceptual site model.

The Site is located in a transitional area between Pennsylvanian age bedrock uplands to the east and Ohio River valley fill sediments to the west. Bedrock was encountered at 26 feet on the east side of Windy Creek and at 70 feet in the northwestern corner of the Site. Borings as deep as 100 feet farther to the west did not encounter bedrock. The bedrock surface is likely an alluvial channel cut that has a steep westerly slope. Channel fill includes at least 90 feet of clay in the southern part of the Site and alluvial sand that thickens from east to west. Groundwater occurs in a saturated zone that is a few feet thick at the Site but thickens to more than 50 feet to the west. Groundwater flow is to the northwest; however, the pumping wells in the city wellfield may influence flow in the western part of the area.

There are four identified source areas at the Site, with two at the boundary between the clay-dominated area and the sand-dominated area, one on the southeast side of the plant building (AOC-1) within an area of historically imported fill materials, and one within the primarily clay-dominated area (AOC-2). Releases at the northern (AOC-3) and southwestern source areas (AOC-4) have different VOC characteristics. The different VOC characteristics indicate that reductive dechlorination is a more significant process in the northern source area, possibly as a result of petroleum compounds also present in this area. Groundwater impacts from the northern and southwestern areas of the Site appear to commingle near the western property boundary of the Site. Concentrations of CVOCs in groundwater decrease to the west, with no results above IDEM groundwater screening levels in shallow groundwater to the west of 9th Street. CVOC impacts have been detected to the west of 9th Street in deeper groundwater samples (50 to 60-foot bgs), but the overlying shallow water samples in this area have not contained CVOCs at concentrations above IDEM groundwater vapor exposure screening levels. Samples collected from the Tell City and Waupaca foundry owned wells located west of 7th Street have not contained CVOC compounds during the sampling events conducted to date.

The GE plant has been closed for 14 years. Based upon historical records, it does not appear that TCE or PCE have been used at the Site for at least 25 years. The previously described CVOC impacts are likely in an equilibrium condition, with the source mass CVOC compounds being held in the upper clayey soil at the source areas and leaching to groundwater slowly over time. Degradation products show that natural reductive dechlorination is occurring in the source areas and in the groundwater as it flows off-site to the west.

Some of the CVOCs are partitioning from groundwater to soil vapor within the overlying sand to create a vapor phase that is likely trapped by the overlying clay-rich soil. Sampling for vapors at structures to the west of the Site suggest that the greatest accumulation of vapors under buildings occurs where basements have cut through the shallow clayey soil and/or where structures have been built on a lower elevation land surface (with consequent thinner layers of shallow clay soils).

Remedial actions for the impacts will have to account for: (1) the area and depth of source area impacts to clay-rich soil, (2) the area and depth of groundwater impacts, and (3) the residual vapors likely trapped in the sandy soil between the upper clayey zone and the water table.

Impacts at AOC-1 are likely separate from the impacts discussed above. This area appears to have been impacted by the variety of chemicals previously stored in the southeastern corner of the Site, most likely in the form of surface releases that infiltrated through cracks and joints in concrete and flowed to unpaved ground to the east. Migration of impacts in this area is under the local influence of Windy Creek and the steep slope down to Windy Creek. The separation of impacts at AOC-1, and a portion of AOC-2, from those at the rest of the Site is maintained by the influence of Windy Creek.

5 SUMMARY OF RECOMMENDATIONS

GE is currently reviewing the Proposed Order to reflect current Site conditions and regulatory status and for consistency with the CCR and will provide comments to the Proposed Order in a forthcoming submittal. Based upon the current status of the SWMUs detailed in Section 1.2.3, GE requests that all SWMUS listed in the 1993 RFA Report be assigned No Further Action status and be removed from the Proposed Order because actions have already been completed, additional action is unnecessary, or is already being addressed through our current AOC evaluations.

As detailed in Section 3.3.2 and the corresponding subsections, three additional AOCs have been identified during recent site investigation activities (AOC 2, AOC 3, and AOC 4). As AOC 2, AOC 3, and AOC 4 do not appear to be related to the historical SWMUs and AOC identified in the 1993 PA/VSI or the 2011 RFA Report, GE requests that these AOCs be added to the Proposed Order where additional investigation and remediation are most needed and remove references to the historical SWMUs. If any new SWMUs or AOCs are discovered in the future, those units shall be reported to IDEM in accordance with the Proposed Order.

Recommendations for each AOC at the Site are summarized in the table below.

Area	COCs Above Soil Screening Levels	COCs Above Groundwater Screening Levels	COCs Above Vapor Intrusion Screening Levels	Interim Measures Recommended
AOC-1	Benzene Naphthalene Xylenes 1,2,4-TMB TCE Cis-1,2-DCE Vinyl chloride Aroclor 1254 Arsenic	Benzene Naphthalene 1,2,4-TMB TCE Cis-1,2-DCE Vinyl Chloride Aroclor 1254 Arsenic	TCE Vinyl Chloride (Groundwater)	Evaluate need for Soil Management Plan. Additional investigation of soils for delineation to the north of this area
AOC-2	1,1,2-TCA 1,1 DCE PCE TCE Cis-1,2-DCE Vinyl Chloride	TCE Cis-1,2-DCE Vinyl Chloride	TCE Vinyl Chloride (Groundwater)	Evaluate need for Soil Management Plan. Additional investigation of soils adjacent to the AST to understand if soil concentrations are contributing to the area of impacted groundwater.
AOC-3	1,2,4-TMB 1,3,5-TMB 1,1 DCE PCE TCE Cis-1,2-DCE Trans-1,2-DCE Vinyl Chloride Benzo(a)pyrene	TCE Cis-1,2-DCE Vinyl Chloride	TCE Vinyl Chloride (Groundwater)	Evaluate need for Soil Management Plan. Further vertical and lateral delineation of soil impacts. Evaluate soil and groundwater conditions in this area to further characterize the extent of soil impacts contributing to the area of impacted groundwater.

	Dibenzo(a,h)anthracene Naphthalene M,p-xylene		
AOC-4	1,1,2-TCA 1,1 DCE PCE TCE Cis-1,2-DCE Trans-1,2-DCE Vinyl Chloride	TCE (Down-Gradient)	Evaluate need for Soil Management Plan. Evaluate soil and groundwater conditions in this area to further characterize the extent of soil impacts contributing to the area of impacted groundwater.

The recommended interim measures outlined in the table above are intended for further characterization, delineation, and evaluation of subsurface soil, groundwater, and VI impacts, and to satisfy the potential RFI Work Plan requirement. Upon completion of the recommended interim measures, additional interim measures may be conducted and corrective measures evaluated and submitted to IDEM for review and feedback.

The following plans must also be submitted to satisfy the RFI Work Plan requirements and will be provided in a combined future submittal to IDEM:

- Project Management Plan
- Quality Assurance Project Plan
- Data Management Plan
- Health and Safety Plan
- Community Relations Plan
- Schedule for providing RFI Report

GE will continue to monitor off-site groundwater conditions, maintain existing vapor mitigation systems, and conducted additional indoor air and soil gas sampling, as appropriate.

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TABLES

Explanation of Laboratory Flags and Notes

X Precision for the matrix spike duplicate, laboratory control sample duplicate or lab duplicate was outside of control limits.

S Surrogate recovery was outside of laboratory control limits due to an apparent matrix effect.

M1 Spike recoveries were not evaluated because of elevated levels of the spiked analyte in the parent sample.

M The matrix spike and/or matrix spike duplicate recovery was outside of the laboratory control limits.

LC Results may be biased low because of low continuing calibration verification (CCV).

HC Results may be biased high because of high continuing calibration verification (CCV).

E The concentration indicated is above the instrument calibration range. This value is an estimated concentration.

D Data reported from a dilution

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.

RPD Relative Percent Difference

J Estimated Value

B Analyte found in associated method blank

N Presumptive Evidence of a compound

(a) See note on laboratory data sheet

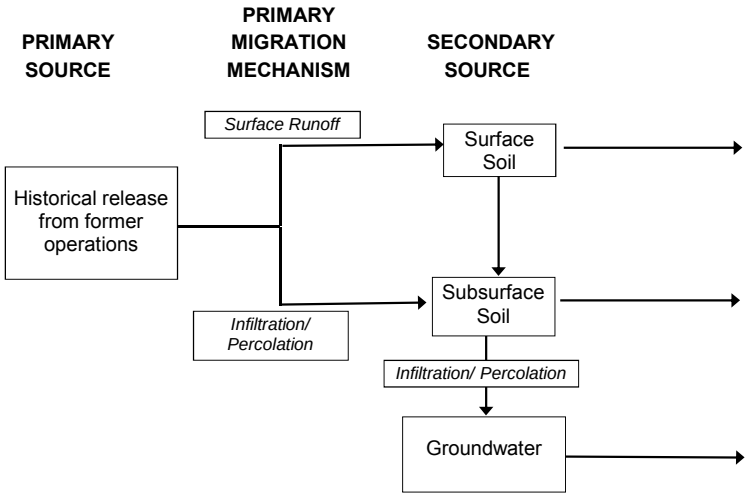
Table 1
Solid Waste Management Units and Area of Concern
GE Tell City Facility
1412 13th Street, Tell City, Indiana

SWMU Number	SWMU Identification	Material Handled
SWMU 1	Station 1 (Single Satellite Accumulation Drum)	Paint (F003)
SWMU 2	Station 2 (Single Satellite Accumulation Drum)	Paint Filters (D007, D008)
SWMU 3	Station 3 (Single Satellite Accumulation Drum)	Used Fyrquel Oil
SWMU 4	Station 4 (Single Satellite Accumulation Drum)	Used Enlube 205 ER Oil
SWMU 5	Station 5 (Single Satellite Accumulation Drum)	Used Enlube 205 ER Oil
SWMU 6	Station 6 (Single Satellite Accumulation Drum)	Used Enlube 205 ER Oil
SWMU 7	Station 7 (Single Satellite Accumulation Drum)	Used Oil
SWMU 8	Station 8 (Single Satellite Accumulation Drum)	Tybond Used Oil
SWMU 9	Station 9 (Single Satellite Accumulation Drum)	Tybond Sludge (D002)
SWMU 10	Station 10 (Single Satellite Accumulation Drum)	Tybond Oil and Water
SWMU 11	Station 11 (not located; planned PCB Accumulation Area)	PCB-Containing Oil
SWMU 12	Station 12 (Single Satellite Accumulation Drum)	Varnish (F003)
SWMU 13	Station 13 (Single Satellite Accumulation Drum)	7271-EP Coolant & Water
SWMU 14	Station 14 (Single Satellite Accumulation Drum)	Used Enlube 205-FRN Used Oil
SWMU 15	Station 15 (Single Satellite Accumulation Drum)	Used Petroleum Oil
SWMU 16	Station 16 (Single Satellite Accumulation Drum)	Used Petroleum Naphtha (D001)
SWMU 17	Station 17 (Single Satellite Accumulation Drum)	Used Stamping Oil
SWMU 18	Station 18 (Single Satellite Accumulation Drum)	Used Varnish (F003)
SWMU 19	Station 19 (Single Satellite Accumulation Drum)	Used Varnish Drip Cloths (D001)
SWMU 20	Station 20 (Single Satellite Accumulation Drum)	Used Petroleum Oil
SWMU 21	Station 21 (Single Satellite Accumulation Drum)	Used Permawick Oil
SWMU 22	Station 22 (Single Satellite Accumulation Drum)	Non-Haz Metal Sludge
SWMU 23	Station 23 (Single Satellite Accumulation Drum)	Used Petroleum Naphtha (D001)
SWMU 24	Station 24 (Single Satellite Accumulation Drum)	Non-Haz Metal Sludge
SWMU 25	Coolant Recycling Unit (Mobile Unit)	Non-Haz Metal Sludge
SWMU 26	Sump No. 1 (Sub-Grade Piping)	Phosphatizing Wastewater
SWMU 27	Sump No. 2 (Sub-Grade Piping)	Phosphatizing Wastewater
SWMU 28	Misc. Waste Accumulation Areas (Drip Pans, Scrap Metal, Metal Fines, and Oil Absorbents Throughout the Site)	Oil, Aluminum , Copper, Oil Absorbents
SWMU 29	Rotoclone Scrap Metal Dumpster	Oily Metal Cuttings
SWMU 30	Scrap Metal Dumpsters with Waste Oil Drainage	Oily Metal Cuttings
SWMU 31	Former Hazardous Waste Storage Area	Drummed Hazardous Waste
SWMU 32	Waste Water Treatment Building	General plant wastewater; Phosphatizing waste water
SWMU 33	Evaporation Unit	Oily Water
SWMU 34	Hazardous Waste Storage Area	Drummed Hazardous Waste
SWMU 35	Non-Hazardous Waste Storage Area	Drummed Non-Hazardous Waste
SWMU 36	Incinerator	General Plant Trash
AOC-1	Release Area	VOCs and PCBs

Table 2
Federally and State-listed Threatened and Endangered Species with Potential to Occur in Perry County
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Common Name	Scientific Name	Federal Listing Status	State Listing Status
Mammals			
Indiana Bat	*Myotis sodalis*	Endangered	Endangered
Gray Bat	*Myotis grisecens*	Endangered	Endangered
Northern Long-Eared Bat	*Myotis septentrionalis*	Threatened	Not Listed
Amphibians			
Green Salamander	*Aneides aeneus*	Not Listed	Endangered
Reptiles			
Timber Rattlesnake	*Cotalus horridus*	Not Listed	Endangered
Birds			
Henslow's Sparrow	*Ammodramus henslowii*	Not Listed	Endangered
Loggerhead Shrike	*Lanius ludovicianus*	Not Listed	Endangered
Cerulean Warbler	*Setophaga cerulea*	Not Listed	Endangered
Barn owl	*Tyto alba*	Not Listed	Endangered
Mollusks			
Pink Mucket	*Lampsilis abrupta*	Endangered	Endangered
Sheepnose	*Plethobasus cyphysus*	Endangered	Endangered
Rabbitsfoot	*Quadrula cylindrica cylindrica*	Threatened	Endangered
Insects			
Kansas Prairie Leafhopper	*Prairiana kansana*	Not Listed	Endangered
Bell's Roadside Skipper	*Amblyscirtes belli*	Not Listed	Threatened
Dusted Skipper	*Atrytonopsis hianna*	Not Listed	Threatened
Swamp Metalmark	*Calephelis muticum*	Not Listed	Threatened
Mottled Duskywing	*Erynnis martialis*	Not Listed	Threatened
Beer's Blazing Star Borer Moth	*Papaipema beeriana*	Not Listed	Threatened
Jaguar Flower Moth	*Schinia jaguarina*	Not Listed	Endangered
Vascular Plants			
Blue Monkshod	*Aconitum uncinatum*	Not Listed	Endangered
Bluehearts	*Buchnera americana*	Not Listed	Endangered
Buckthorn	*Bumeila lycioides*	Not Listed	Endangered
Cup-seed	*Calycocarpum lyonia*	Not Listed	Threatened
Bush's sedge	*Carex bushii*	Not Listed	Threatened
White Thoroughwort	*Eupatorium alba*	Not Listed	Threatened
Pink Thoroghwort	*Eupatorium incarnatum*	Not Listed	Threatened
Matted Broomspurge	*Euphorbia serpens*	Not Listed	Endangered
Cluster Fescue	*Festuca paradoxa*	Not Listed	Threatened
Coppery St. John's-wort	*Hypericum denticulatum*	Not Listed	Threatened
Jointed Rush	*Juncus articulates*	Not Listed	Endangered
Secund Rush	*Juncus secundus*	Not Listed	Endangered
Creeping Cucumber	*Melothria pendula*	Not Listed	Endangered
Warty Panic-grass	*Panicum verrucosum*	Not Listed	Threatened
Panic-grass	*Panicum yadkinense*	Not Listed	Endangered
Phlox	*Phlox pilos ssp. deamii*	Not Listed	Endangered
Prairie Parsley	*Polytaenia nuttallii*	Not Listed	Endangered
Short-bristle Horned-rush	*Rhynchospora corniculate var. interior*	Not Listed	Threatened
Southern Dewberry	*Rubus enslenii*	Not Listed	Endangered
Coneflower	*Rudbeckia fulgida var. umbrosa*	Not Listed	Endangered
Small Skullcap	*Scutellaria parvula var. parvula*	Not Listed	Endangered
Clingman Hedge-nettle	*Stachys clingmanii*	Not Listed	Endangered
Eastern Featherbells	*Stenanthium gramineum*	Not Listed	Threatened
Slick-seed Wild-bean	*Strophostyles leiosperma*	Not Listed	Threatened
Tall Meadowrue	*Thalictrum pubescens*	Not Listed	Threatened
Filmy Fern	*Trichomanes boschianum*	Not Listed	Endangered
Buffalo Clover	*Trifolium reflexum var. glabrum*	Not Listed	Endangered
White Crownbeard	*Verbesina virginica*	Not Listed	Endangered
Southern Wood Violet	*Viola hirsutula*	Not Listed	Endangered

Table 3
Preliminary Conceptual Site Model for Human Health Exposure
GE Tell City Facility
1412 13th Street, Tell City, Indiana



EXPOSURE ROUTE	RECEPTORS: Current				Future		
	On-Site Worker	Offsite Adult and Child Resident	Off-Site Worker	Adolescent Trespasser	On-Site Construction Worker	On-Site Worker	On-Site Adult and Child Resident
Surface Soil							
Ingestion	No	No	No	No	No	No	NA
Dermal	No	No	No	No	No	No	NA
Inhalation of Dust and Vapors in Outdoor Air	No	No	No	No	No	No	NA
Subsurface Soil							
Ingestion	No	No	No	No	Yes	No	NA
Dermal	No	No	No	No	Yes	No	NA
Inhalation of Dust and Vapors in Outdoor Air	No	No	No	No	Yes	No	NA
Indoor Vapor Inhalation	Yes	No	No	Yes	Yes	Yes	NA
Groundwater							
Ingestion	No	No	No	No	No	No	NA
Dermal	No	No	No	No	No	No	NA
Indoor Vapor Inhalation	Yes	Yes	Yes	Yes	Yes	Yes	NA

NA - Pathway not applicable.
Yes - Potential pathway.
No - Not a potential pathway.

Table 4
Screening Level Use Scenarios
GE Tell City Facility
1412 13th Street, Tell City Indiana

Medium	Applicable Screening Level		Discussion
	On-Site	Off-Site	
Surficial Soil	Industrial Direct Contact	Residential Direct Contact	Off-site impacts are via groundwater transport and vapor intrusion; off-site vadose zone soil will not be impacted.
Subsurface Soil	Excavation	Excavation	Default from RCG Tables
Groundwater	Tap Water	Tap Water	The Site is expected to be subject to an ERC that will restrict water use; this exposure pathway will then be eliminated on site.
Groundwater	Industrial Vapor Exposure	Residential Vapor Exposure	The Site is expected to be subject to an ERC that will restrict land use to non-residential
Soil Vapor	Industrial Vapor Exposure	Residential Vapor Exposure	Attenuation factor of 0.03 applied to indoor air screening level
Sub-Slab Vapor	Industrial Vapor Exposure	Commercial/Residential	Attenuation factor of 0.03 applied to indoor air screening level
Indoor Air	Industrial Vapor Exposure	Commercial/Residential	Default from RCG Tables

ERC = Environmental Restrictive Covenant

Table 5
Default Screening Levels for COCs Detected Above Screening Levels
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Residential Direct Contact (mg/kg)	Commercial/ Industrial Direct Contact (mg/kg)	Excavation (mg/kg)	Residential Soil Migration to Groundwater (mg/kg)	Residential Tap Water (ug/l)	Residential Groundwater to Vapor (ug/l)	Commercial/ Industrial Groundwater to Indoor Air (ug/l)	Residential Soil Vapor* (ug/m^3)	Residential Sub-Slab Vapor * (ug/m3)	Commercial Sub-Slab Vapor* (ug/m3)	Residential Indoor Air (ug/m3)	Commercial Indoor Air (ug/m3)
Trichloroethene	5.7	19	95	0.036	5	9.1	38	70	70	293	2.1	8.8
Tetrachloroethene	110	170	170	0.045	5	110	470	1,400	1,400	6,000	42	180
cis-1,2-Dichloroethene	220	2300	2400	0.41	70	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	1900	1900	1900	0.62	100	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	0.83	17	1300	0.014	2	2.1	35	57	57	933	1.7	28
1,1,1-Trichloroethane	640	640	640	1.4	200	13000	54000	173,333	173,333	733,333	5200	22000
1,1,2-Trichloroethane	2.1	6.3	35	0.032	5	11	46	7	7	29	0.21	0.88
1,1-Dichloroethene	320	1000	12000	0.05	7	300	1300	7,000	7,000	29,333	210	880
Naphthalene	53	170	3100	0.11	1.7	110	460	28	28	120	0.83	3.6
Benzene	17	51	1800	0.051	5	28	120	120	120	533	3.6	16
Toluene	820	820	820	14	1000	NA	NA	173,333	173,333	733,333	5200	22000
Ethylbenzene	81	250	480	16	700	NA	NA	367	367	1,633	11	49
m,p-Xylenes	390	390	390	3.7	190	NA	NA	3,333	3,333	14,667	100	440
PCB-Aroclor 1254	1.7	9.7	33	0.41	0.078	NA	NA	2	2	7	0.049	0.21
1,2,4-Trimethylbenzene	220	220	220	1.6	56	NA	NA	2,100	2,100	8,667	63	260
1,3,5-Trimethylbenzene	180	180	180	1.7	56	NA	NA	2,100	2,100	8,667	63	260

mg/kg = miiligrams per kilogram
ug/l = micrograms per liter
ug/m^3 - Micrograms per cubic meter
*Derived by applying an attenuation factor of 0.03

Table 6
City Well Analytical Results
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Tap Water*	Well 8 (City Water)			Well 9 (City Water)			Well 10 (Waupaca Water)		Well 11 (Waupaca Water)	
		8/16/2018	8/16/2018#	12/10/2018	8/16/2018	8/16/2018#	12/10/2018	8/16/2018	12/10/2018	8/16/2018	12/10/2018
1,1,1,2-Tetrachloroethane	5.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,1-Trichloroethane	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.76	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethane	28	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethene	7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloropropene	NA	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,3-Trichloropropane	0.0075	<0.50	<2.0	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50
1,2,4-Trichlorobenzene	70	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Chlorotoluene	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichlorobenzene	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloroethane	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichlorobenzene	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-Dichloropropane	370	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Chlorotoluene	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-Dichlorobenzene	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2,2-Dichloropropane	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Benzene	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene	62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	80	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	80	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50
Bromomethane	7.5	**0.92**	<5.0	<0.50	**0.72**	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Tetrachloride	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chlorobenzene	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroethane	21,000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloroform	80	<0.50	<0.50	<0.50	<0.50	<0.50	**0.7**	<0.50	<0.50	<0.50	<0.50
Chloromethane	190	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50
cis-1,2-Dichloroethene	70	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
cis-1,3-Dichloropropene	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromochloromethane	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dibromomethane	8.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	700	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl-tert-butylether	140	**2.9**	**3.0**	<0.50	**8.6**	**6.3**	**1.1**	<0.50	**3.8**	<0.50	<0.50
Styrene (Monomer)	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethene	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene	1,000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Total Xylenes	10,000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethene	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethene	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl chloride	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

* 2018 Remediation Closure Guide Screening Level
# Arcadis Split Sample
Results in micrograms per liter (ug/l)
Bold Font Indicates Detected Analyte

Table 7
Well Gauging Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Well	Screened Interval (Depth Ft.)	Date	Top of Casing	Depth To Water	Water Elevation	Geologic Regime
MW-1	16-26'	11/3/2011	409.19	6.88	402.31	Southeastern Fill Area of Site; Fill into Clay
		8/9/2017	409.19	6.51	402.68	
		4/9/2018	409.19	4.46	404.73	
		2/4/2019	409.19	5.93	403.26	
		3/1/2019	409.19	5.60	403.59	
MW-2	14-24'	11/3/2011	410.46	10.15	400.31	Southeastern Fill Area of Site; Fill into Clay
		8/9/2017	410.46	10.43	400.03	
		4/9/2018	410.46	9.73	400.73	
		2/4/2019	410.46	9.29	401.17	
		3/1/2019	410.46	8.50	401.96	
MW-3	14-24'	11/3/2011	410.36	15.10	395.26	Southeastern Fill Area of Site; Fill into Clay
		8/9/2017	410.36	15.08	395.28	
		4/9/2017	410.36	12.26	398.10	
		2/4/2019	410.36	12.78	397.58	
		3/1/2019	410.36	12.25	398.11	
MW-4	16-26'	11/3/2011	409.68	8.35	401.33	Southeastern Fill Area of Site; Fill into Clay
		8/9/2017	409.68	7.44	402.24	
		4/9/2018	409.68	6.28	403.40	
		2/4/2019	409.68	5.95	403.73	
		3/1/2019	409.68	6.02	403.66	
MW-5S	23-33'	8/9/2017	409.90	26.78	383.12	Ohio River Outwash Aquifer Subsystem
		4/9/2018	409.90	26.93	382.97	
		9/6/2018	409.90	25.80	384.10	
		2/4/2019	409.90	26.00	383.90	
		3/1/2019	409.90	25.80	384.10	
MW-5D	41-51'	8/9/2017	409.81	25.04	384.77	Clay below Ohio River Outwash Subsystem
		4/9/2018	409.81	25.93	383.88	
		9/6/2018	409.81	24.97	384.84	
		2/4/2019	409.81	25.12	384.69	
		3/1/2019	409.81	24.70	385.11	
MW-6S	21-31'	8/9/2017	407.23	25.33	381.90	Ohio River Outwash Aquifer Subsystem
		4/9/2018	407.23	25.29	381.94	
		9/6/2018	407.23	24.28	382.95	
		2/4/2019	407.23	24.32	382.91	
		3/1/2019	407.23	24.07	383.16	
MW-6D	40-50'	8/9/2017	406.74	24.23	382.51	Clay below Ohio River Outwash Subsystem
		4/9/2018	406.74	22.73	384.01	
		9/6/2018	406.74	23.50	383.24	
		2/4/2019	406.74	23.43	383.31	
		3/1/2019	406.74	22.53	384.21	
MW-7	29-39'	8/9/2017	410.89	19.23	391.66	Southeastern Clay Area of Site
		4/9/2018	410.89	13.52	397.37	
		9/6/2018	410.89	13.81	397.08	
		2/4/2019	410.89	12.67	398.22	
		3/1/2019	410.89	12.41	398.48	
MW-8S	22-32'	8/9/2017	410.36	28.23	382.13	Ohio River Outwash Aquifer Subsystem
		4/9/2018	410.36	28.28	382.08	
		9/6/2018	410.36	27.26	383.10	
		2/4/2019	410.36	27.38	382.98	
		3/1/2019	410.36	27.17	383.19	
MW-8D	40-50'	8/9/2017	409.98	26.01	383.97	Clay below Ohio River Outwash Subsystem
		4/9/2018	409.98	26.15	383.83	
		9/6/2018	409.98	25.00	384.98	
		2/4/2019	409.98	25.18	384.80	
		3/1/2019	409.98	24.80	385.18	
MW-9S	13-23'	9/6/2018	412.51	16.12	396.39	Ohio River Outwash Aquifer Subsystem (transitional from clay areas of Site)
		2/4/2019	412.51	14.60	397.91	
		3/1/2019	412.51	14.21	398.30	
MW-9D	45-50'	9/6/2018	412.68	24.89	387.79	Clay below Ohio River Outwash Subsystem
		2/4/2019	412.68	25.65	387.03	
		3/1/2019	412.68	23.82	388.86	
MW-10S	25-35'	9/6/2018	412.77	29.08	383.69	Ohio River Outwash Aquifer Subsystem
		2/4/2019	412.77	29.23	383.54	
		3/1/2019	412.77	29.00	383.77	
MW-10D	43-48'	9/6/2018	412.48	28.83	383.65	Clay below Ohio River Outwash Subsystem
		2/4/2019	412.48	28.87	383.61	
		3/1/2019	412.48	28.73	383.75	
MW-11	25-35'	9/6/2018	399.71	25.80	373.91	Ohio River Outwash Aquifer Subsystem
		2/4/2019	399.71	24.72	374.99	
		3/1/2019	399.71	23.62	376.09	
MW-12	28-38'	9/6/2018	403.54	29.31	374.23	Ohio River Outwash Aquifer Subsystem
		2/4/2019	403.54	28.55	374.99	
		3/1/2019	403.54	27.50	376.04	
MW-13	24-34'	9/6/2018	410.94	32.57	378.37	Ohio River Outwash Aquifer Subsystem
		2/4/2019	410.94	32.58	378.36	
		3/1/2019	410.94	32.32	378.62	
MW-14	28-38'	9/6/2018	413.66	31.19	382.47	Ohio River Outwash Aquifer Subsystem
		2/4/2019	413.66	31.28	382.38	
		3/1/2019	413.66	31.19	382.47	
MW-15	14-24'	2/4/2019	410.26	4.44	405.82	Southeastern Fill Area of Site; Fill into Clay
		3/1/2019	410.26	3.70	406.56	
MW-16S	31-41'	2/4/2019	406.53	33.00	373.53	Ohio River Outwash Aquifer System
		3/1/2019	406.53	30.51	376.02	
MW-16I	50-60'	2/4/2019	406.54	33.02	373.52	Ohio River Outwash Aquifer System
		3/1/2019	406.54	30.49	376.05	
MW-16D	70-80'	2/4/2019	406.49	32.90	373.59	Ohio River Outwash Aquifer System
		3/1/2019	406.49	30.30	376.19	
MW-17S	31-41'	2/4/2019	406.29	32.88	373.41	Ohio River Outwash Aquifer System
		3/1/2019	406.29	30.21	376.08	
MW-17I	50-60'	2/4/2019	406.46	33.03	373.43	Ohio River Outwash Aquifer System
		3/1/2019	406.46	30.42	376.04	
MW-17D	65-75'	2/4/2019	406.48	33.03	373.45	Ohio River Outwash Aquifer System
		3/1/2019	406.48	30.33	376.15	
MW-18S	31-41'	2/4/2019	406.30	32.85	373.45	Ohio River Outwash Aquifer System
		3/1/2019	406.30	30.32	375.98	
MW-18I	50-60'	2/4/2019	406.47	33.15	373.32	Ohio River Outwash Aquifer System
		3/1/2019	406.47	30.91	375.56	
MW-19S	31-41'	2/4/2019	404.55	30.80	373.75	Ohio River Outwash Aquifer System
		3/1/2019	404.55	25.67	378.88	
MW-19I	50-60'	2/4/2019	404.55	30.80	373.75	Ohio River Outwash Aquifer System
		3/1/2019	404.55	25.68	378.87	
MW-19D	66-76'	2/4/2019	404.56	30.88	373.68	Ohio River Outwash Aquifer System
		3/1/2019	404.56	25.5	379.06	
MW-20S	31-41'	2/4/2019	408.04	34.45	373.59	Ohio River Outwash Aquifer System
		3/1/2019	408.04	29.02	379.02	
MW-20I	50-60'	2/4/2019	407.93	34.38	373.55	Ohio River Outwash Aquifer System
		3/1/2019	407.93	28.92	379.01	
MW-20D	73-83'	2/4/2019	408.04	35.50	372.54	Ohio River Outwash Aquifer System
		3/1/2019	408.04	28.85	379.19	
MW-21S	31-41'	2/4/2019	405.59	31.72	373.87	Ohio River Outwash Aquifer System
		3/1/2019	405.59	25.77	379.82	
MW-21I	50-60'	2/4/2019	405.51	31.82	373.69	Ohio River Outwash Aquifer System
		3/1/2019	405.51	25.68	379.83	
MW-21D	70-80'	2/4/2019	405.50	32.85	372.65	Ohio River Outwash Aquifer System
		3/1/2019	405.50	25.6	379.90	

Data Presented in Feet
Datum is Mean Sea Level

Table 8
Geotechnical Testing Results
GE Tell City Facility
1412 13th Street, Tell City, Indiana

	AP-23B			AP-31B		MW-13	MW-16	MW-21
Stratum	Upper Clayey Soil	Sandy Aquifer	Lower Confining Layer	Upper Clayey Soil	Sandy Aquifer	Lower Confining Layer	Lower Confining Layer	Lower Confining Layer
Classification	Silt (ML)	Poorly Graded Sand (SP)	Silt (ML)	Sandy Silt (ML)	Sandy Silt (ML)	Sandy Silt (ML)	Lean Clay with Sand (CL)	Lean Clay with Sand (CL)
Porosity (%)	38.3	37.1	36.4	35	33.1	-	40.6	34.2
Moisture Content (%)	23.8	19.9	23.5	18	12.5	21.2	21.5	19.1
Moist Bulk Density (lbs/ft^3)	129.6	126.6	131	129.2	126.2	-	-	-
Dry Bulk Density (lbs/ft^3)	104.7	105.6	106.1	109.5	112.2	100.9	106.8	112.2
Specific Gravity	2.718	2.69	2.672	2.697	2.686	-	2.88	2.73
Hydraulic Conductivity (cm/sec)	1.15E-06	8.28E-04	1.40E-08	6.19E-07	1.35E-06	7.21E-08	5.57E-08	3.81E-08

lbs/ft^3 = Pounds per Square Foot
cm/sec = Centimeters per Second

Table 9
Slug Test Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Well ID	Screen Interval (ft bgs)	Aquifer Thickness (ft)	Screened Interval Description	Slug Test Type	Test Number	Hydraulic Conductivity (cm/sec)	Hydraulic Conductivity (ft/day)
MW-5S	23 - 33	6.7	1.4' Sand, fine , well sorted, laminated 8.6' Sand, medium, well sorted	Slug Out	1	4.8E-03	14
				Slug Out	2	4.8E-03	14
MW-6S	21 - 31	5.5	3.6' Sand, fine, well sorted 3.9' Sand, medium, well sorted 2.5' Silty Clay	Slug Out	1	1.0E-02	28
				Slug Out	2	9.4E-03	27
MW-7	28 - 38	4.0	Wet Sandy Clay and moist Silty Clay layers	Slug Out	1	1.7E-05	0.05
				Slug Out	2	1.7E-05	0.05
MW-8S	22 - 32	4.5	4.1' Sand, fine, becoming coarser with depth 2.9' Clayey Sand 1.5' Sand, fine, well sorted, some fine gravel at base	Slug Out	1	1.1E-02	31.2
				Slug Out	2	1.2E-02	34.0
MW-9S	13 -23	2.8	Silt, Sand, fine and Clay laminations	Slug Out	1	--	--
				Slug Out	2	4.8E-05	0.14
MW-9D	45 - 50	1.5	Clay above 1.5' of fine sand with moderate sorting	Slug Out	1	8.6E-05	0.24
				Slug Out	2	8.6E-05	0.24
MW-10S	25 - 35	5.5	Sand, fine, well sorted, with trace silt	Slug Out	1	2.0E-03	5.7
				Slug Out	2	1.8E-03	5.1
MW-12	28 - 38	6.5	Sand, fine, well sorted and laminated becoming coarser with depth	Slug Out	1	--	--
				Slug Out	2	3.5E-02	99

Notes

ft/day - feet per day

cm/sec - centimeters per second

Low hydrulic conductivity skin effects were observed at MW-5, MW-6S and MW-8S. The hydraulic conductivity results at these well locations are considered to be the lower bounds of the formation.

Table 10
Results of the Analysis of Soil From AOC-1
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			HA-3		HA-4		HA-5		HA-6		HA-7		HA-8		HA-9	HA-10	HA-11	HA-12	HA-13	P1		P2		P3	
	Residential Direct Contact	Industrial Direct Contact	Migration to Groundwater	0.5-1'	4-4.5'	0.5-1'	2-2.5'	0.5-1'	3-3.5'	0-0.5	4-4.5'	0-1'	4-4.5'	0-0.5'	4-4.5'	0.5-1'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	4-5'	16-17'	7-8'	17-19'	2-3'	13-14'
				10/1/2010	10/1/2010	10/1/2010	10/1/2010	10/1/2010	10/1/2010	7/15/2013	7/15/2013	7/15/2013	7/15/2013	7/15/2013	7/15/2013	7/15/2013	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011
VOCs																										
Acetone	85000	100000	57	<0.037	<0.033	<6.1	<5.6	<1.3	<1.4	<0.26	<0.27	**0.184**	<0.0033	**0.165**	**0.121**	<0.0035	<0.0073	<0.0080	<0.0075	<0.012	<0.93	**0.0285 B**	**0.0136 B**	**0.0215 B**	**0.0119 B**	**0.0268 B**
Benzene	15	51	0.051	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.029	<0.029	**0.00086**	**0.0041**	<0.00041	<0.00036	**0.0047**	<0.00012	<0.00013	<0.00012	<0.00020	<0.023	<0.00012	<0.00012	<0.00012	<0.000097	<0.00013
Bromobenzene	410	680	0.84	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.025	<0.026	<0.00038	<0.00032	<0.00036	<0.00032	<0.00034	<0.00034	<0.00037	<0.00035	<0.00055	<0.036	<0.00018	<0.00019	<0.00019	<0.00015	<0.00021
Bromochloromethane	210	630	0.41	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.067	<0.069	<0.0010	<0.00084	<0.00096	<0.00085	<0.00091	<0.00050	<0.00054	<0.00051	<0.00080	<0.19	<0.00096	<0.0010	<0.0010	<0.00080	<0.0011
Bromodichloromethane	4.1	13	0.43	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.042	<0.043	<0.00062	<0.00053	<0.00060	<0.00053	<0.00057	<0.00028	<0.00030	<0.00028	<0.00045	<0.039	<0.00019	<0.00021	<0.00021	<0.00016	<0.00023
Bromoform	270	860	0.42	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.028	<0.029	<0.00043	<0.00036	<0.00041	<0.00037	<0.00039	<0.00036	<0.00039	<0.00036	<0.00058	<0.088	<0.00044	<0.00047	<0.00046	<0.00037	<0.00051
Bromomethane	9.5	30	0.038	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.062	<0.063	<0.00092	<0.00077	<0.00088	<0.00078	<0.00083	<0.00080	<0.00087	<0.00082	<0.0013	<0.13	<0.00063	<0.00067	<0.00066	<0.00052	<0.00073
2-Butanone (MEK)	28000	28000	23	<0.037	<0.033	<6.1	<5.6	<1.3	<1.4	<0.36	<0.37	<0.0053	<0.0045	**0.0129**	<0.0045	<0.0048	<0.0060	<0.0065	<0.0061	<0.0097	<0.22	<0.0011	<0.0012	<0.0012	<0.00092	<0.0013
n-Butylbenzene	110	110	64	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.013	<0.013	<0.00019	<0.00016	<0.00018	<0.00016	<0.00017	<0.00042	<0.00045	<0.00042	<0.00067	**0.526 J**	<0.0012	<0.0012	<0.0012	<0.00098	<0.0014
sec-Butylbenzene	150	150	120	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.018	<0.019	<0.00027	<0.00023	<0.00026	<0.00023	<0.00025	<0.00026	<0.00029	<0.00027	<0.00043	**0.196 J**	<0.00015	<0.00016	<0.00016	**0.0011 J**	<0.00018
tert-Butylbenzene	180	180	31	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.041	<0.042	<0.00061	<0.00052	<0.00059	<0.00052	<0.00056	<0.00050	<0.00055	<0.00052	<0.00082	<0.12	<0.00061	<0.00064	<0.00064	<0.00051	<0.00070
Carbon disulfide	740	740	4.8	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.018	<0.018	**0.0043 J**	**0.00089 J**	<0.00025	<0.00022	**0.0033 J**	-	-	-	-	<0.18	<0.00090	<0.00096	<0.00095	**0.0039**	**0.0046 J**
Carbon tetrachloride	9.1	29	0.039	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.13	<0.14	<0.0020	<0.0017	<0.0019	<0.0017	<0.0018	<0.00074	<0.00081	<0.00076	<0.0012	<0.042	<0.00021	<0.00022	<0.00022	<0.00017	<0.00024
Chlorobenzene	390	760	1.4	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.031	<0.032	<0.00046	<0.00039	<0.00045	<0.00040	<0.00042	<0.00033	<0.00036	<0.00034	<0.00053	<0.018	<0.000087	<0.000093	<0.000092	<0.000073	<0.00010
Chloroethane	2100	2100	120	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.069	<0.071	<0.0010	<0.00087	<0.00099	<0.00088	<0.00094	<0.0010	<0.0011	<0.0011	<0.0017	<0.049	<0.00024	<0.00026	<0.00026	<0.00020	<0.00028
Chloroform	4.5	14	0.44	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.033	<0.034	<0.00050	<0.00042	<0.00048	<0.00042	<0.00045	<0.00037	<0.00040	<0.00038	<0.00060	<0.028	<0.00014	<0.00015	<0.00015	<0.00011	<0.00016
Chloromethane	150	460	0.98	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.046	<0.047	**0.0028 J**	<0.00058	<0.00066	<0.00059	<0.00062	<0.0011	<0.0012	<0.0011	<0.0018	<0.040	<0.00020	<0.00021	<0.00021	<0.00017	<0.00023
o-Chlorotoluene	910	910	4.7	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.047	<0.048	<0.00070	<0.00059	<0.00067	<0.00060	<0.00064	<0.00032	<0.00035	<0.00032	<0.00051	<0.026	<0.00013	<0.00014	<0.00014	<0.00011	<0.00015
p-Chlorotoluene	250	250	4.8	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.051	<0.052	<0.00076	<0.00064	<0.00073	<0.00065	<0.00069	<0.00030	<0.00032	<0.00030	<0.00048	<0.21	<0.0010	<0.0011	<0.0011	<0.00087	<0.0012
1,2-Dibromo-3-chloropropane	0.074	0.64	0.0017	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.23	<0.24	<0.0035	<0.0029	<0.0033	<0.0030	<0.0032	<0.00077	<0.00084	<0.00079	<0.0012	<0.93	<0.0046	<0.0049	<0.0049	<0.0039	<0.0054
Dibromochloromethane	120	390	0.43	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.045	<0.046	<0.00067	<0.00057	<0.00065	<0.00058	<0.00061	<0.00044	<0.00047	<0.00044	<0.00070	<0.12	<0.00061	<0.00064	<0.00064	<0.00050	<0.00070
1,2-Dibromoethane	0.5	1.6	0.00038	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.066	<0.067	<0.00097	<0.00082	<0.00093	<0.00083	<0.00089	<0.00028	<0.00030	<0.00029	<0.00045	<0.036	<0.00018	<0.00019	<0.00019	<0.00015	<0.00021
1,2-Dichlorobenzene	380	380	12	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.024	<0.025	<0.00036	<0.00030	<0.00034	<0.00031	<0.00033	<0.00059	<0.0064	<0.00060	<0.00095	<0.028	<0.00014	<0.00015	<0.00015	<0.00012	<0.00016
1,3-Dichlorobenzene	NA	NA	NA	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.026	<0.026	<0.00038	<0.00032	<0.00037	<0.00033	<0.00035	<0.00033	<0.00036	<0.00033	<0.00053	<0.027	<0.00013	<0.00014	<0.00014	<0.00011	<0.00016
1,4-Dichlorobenzene	36	110	1.4	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.019	<0.019	<0.00028	<0.00023	<0.00027	<0.00024	<0.00025	<0.00055	<0.00060	<0.00056	<0.00089	<0.026	<0.00013	<0.00014	<0.00014	<0.00011	<0.00015
Dichlorodifluoromethane	120	370	6	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.13	<0.13	<0.0019	<0.0016	<0.0018	<0.0016	<0.0017	<0.00069	<0.00076	<0.00071	<0.0011	<0.064	<0.00032	<0.00034	<0.00034	<0.00026	<0.00037
1,1-Dichloroethane	50	160	0.16	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.038	<0.039	<0.00057	<0.00048	<0.00055	<0.00049	<0.00052	<0.00030	<0.00032	<0.00030	<0.00048	<0.028	<0.00014	<0.00015	<0.00015	<0.00012	<0.00016
1,2-Dichloroethane	6.4	20	0.028	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.063	<0.064	<0.00093	<0.00079	<0.00090	<0.00080	<0.00085	<0.00021	<0.00022	<0.00021	<0.00033	<0.027	<0.00013	<0.00014	<0.00014	<0.00011	<0.00016
1,1-Dichloroethene	320	1000	0.05	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.052	<0.053	<0.00077	<0.00065	<0.00074	<0.00066	<0.00070	<0.00081	<0.00088	<0.00083	<0.0013	<0.059	<0.00030	<0.00031	<0.00031	<0.00025	<0.00034
cis-1,2-Dichloroethene	220	2300	0.41	**0.037**	**0.02**	**6.8**	**7.4**	<0.25	<0.27	<0.036	**0.170 J**	**0.0089**	**0.00076 J**	<0.00052	<0.00046	**0.00076 J**	<0.00046	<0.00050	<0.00047	<0.00074	<0.051	<0.00025	<0.00027	<0.00027	**0.0013 J**	**0.107**
trans-1,2-Dichloroethene	1900	1900	0.62	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.028	<0.029	**0.00079 J**	<0.00035	<0.00040	<0.00036	<0.00038	<0.00067	<0.00073	<0.00068	<0.0011	<0.047	<0.00023	<0.00025	<0.00025	<0.00020	**0.0093**
1,2-Dichloropropane	22	66	0.033	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.049	<0.050	<0.00073	<0.00061	<0.00070	<0.00062	<0.00066	<0.00045	<0.00049	<0.00046	<0.00073	<0.043	<0.00021	<0.00023	<0.00022	<0.00018	<0.00025
1,3-Dichloropropane	1500	1500	2.6	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.052	<0.053	<0.00077	<0.00065	<0.00074	<0.00066	<0.00070	<0.00030	<0.00032	<0.00030	<0.00048	<0.22	<0.0011	<0.0011	<0.0011	<0.00090	<0.0012
2,2-Dichloropropane	NA	NA	NA	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.032	<0.032	<0.00047	<0.00040	<0.00045	<0.00040	<0.00043	<0.00047	<0.00051	<0.00048	<0.00076	<0.034	<0.00017	<0.00018	<0.00018	<0.00014	<0.00020
1,1-Dichloropropene	NA	NA	NA	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.027	<0.027	<0.00040	<0.00034	<0.00038	<0.00034	<0.00036	<0.00060	<0.00065	<0.00061	<0.00096	<0.036	<0.00018	<0.00019	<0.00019	<0.00015	<0.00021
cis-1,3-Dichloropropene	NA	NA	NA	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.033	<0.034	<0.00050	<0.00042	<0.00048	<0.00042	<0.00045	<0.00044	<0.00048	<0.00045	<0.00071	<0.19	<0.00093	<0.00099	<0.00098	<0.00077	<0.0011
trans-1,3-Dichloropropene	NA	NA	NA	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.034	<0.035	<0.00050	<0.00042	<0.00048	<0.00043	<0.00046	<0.00027	<0.00029	<0.00028	<0.00044	<0.13	<0.00064	<0.00068	<0.00067	<0.00053	<0.00074
Ethylbenzene	81	250	16	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.021	<0.021	**0.00046 J**	**0.0044**	<0.00029	<0.00026	**0.0026 J**	<0.00033	<0.00036	<0.00034	<0.00053	<0.024	<0.00012	<0.00013	<0.00013	<0.00010	<0.00014
Hexachlorobutadiene	17	17	0.054	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.035	<0.036	<0.00052	<0.00044	<0.00050	<0.00044	<0.00047	<0.00059	<0.0064	<0.00060	<0.00096	<0.93	<0.0046	<0.0049	<0.0049	<0.0039	<0.0054
2-Hexanone	280	1300	0.18	<0.037	<0.033	<6.1	<5.6	<1.3	<1.4	<0.28	<0.29	<0.0042	<0.0035	<0.0040	<0.0036	<0.0038	-	-	-	-	<0.20	<0.00098	<0.0010	<0.0010	<0.00081	<0.0011
Iodomethane	NA	NA	NA	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.044	<0.045	**0.0013 J**	<0.00055	<0.00062	**0.0010 J**	**0.0026 J**	-	-	-	-	<0.18	<0.00087	<0.00093	<0.00092	<0.00073	<0.0010
Isopropylbenzene	270	270	15	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.032	<0.033	<0.00048	<0.00040	<0.00046	<0.00041	<0.00044	<0.00028	<0.00031	<0.00029	<0.00046	**0.170 J**	<0.00015	<0.00016	<0.00016	<0.00012	<0.00017
p-Isopropyltoluene	NA	NA	NA	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.018	<0.019	<0.00027	<0.00023	<0.00026	<0.00023	**0.00075 J**	<0.00029	<0.00032	<0.00030	<0.00047	**0.384 J**	<0.00015	<0.00016	<0.00016	**0.0021 J**	<0.00017
Methyl Tert Butyl Ether	660	2100	0.63	<0.015	<0.067	<1.2	<1.1	<0.25	<0.27	<0.040	<0.041	<0.00059	<0.00050	<0.00056	<0.00050	<0.00053	<0.00049	<0.00053	<0.00050	<0.00079	<0.12	<0.00058	<0.00061	<0.00061	<0.00048	<0.00067
4-Methyl-2-pentanone (MIBK)	3400	3400	28	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.21	<0.22	<0.0032	<0.0027	<0.0031	<0.0027	<0.0029	<0.0021	<0.0022	<0.0021	<0.0033	<0.16	<0.00078	<0.00083	<0.00083	<0.00065	<0.00091
Methylene bromide	34	99	0.041	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.041	<0.042	<0.00060	<0.00051	<0.00058	<0.00051	<0.00055	<0.00042	<0.00046	<0.00043	<0.00068	<0.057	<0.00028	<0.00030	<0.00030	<0.00024	<0.00033
Methylene chloride	490	3200	0.025	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.13	<0.13	<0.0019	<0.0016	<0.0018	<0.0016	<0.0017	<0.0029	<0.0031	<0.0029	<0.0046	<0.067	<0.00034	<0.00036	<0.00035	**0.0016**	<0.00039
Naphthalene	53	170	0.11	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.091	<0.093	<0.0014	<0.0011	<0.0013	<0.0012	<0.0012	<0.0023	<0.0025	<0.0023	<0.0037	**1.93**	<0.0046	<0.0049	<0.0049	<0.0039	<0.0054
n-Propylbenzene	260	260	25	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.028	<0.029	<0.00042	<0.00035	<0.00040	<0.00036	**0.00055 J**	<0.00026	<0.00028	<0.00027	<0.00042	**0.248 J**	<0.00015	<0.00016	<0.00016	<0.00012	<0.00017
Styrene	870	870	2.2	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.019	<0.020	<0.00029	<0.00024	<0.00028	<0.00025	<0.00026	<0.00057	<0.00062	<0.00058	<0.00092	<0.093	<0.00046	<0.00049	<0.00049	<0.00039	<0.00054
1,1,1,2-Tetrachloroethane	28	88	0.043	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.045	<0.046	<0.00066	<0.00056	<0.00064	<0.00057	<0.00060	<0.00030	<0.00032	<0.00030	<0.00048	<0.19	<0.00094	<0.00099	<0.00099	<0.00078	<0.0011
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.034	<0.035	<0.00051	<0.00043	<0.00049	<0.00043	<0.00046	<0.00029	<0.00032	<0.00030	<0.00047	<0.033	<0.00016	<0.00017	<0.00017	<0.00014	<0.00019
Tetrachloroethene	110	170	0.045	**0.21**	**0.028**	**64**	**94**	**3.9**	**1.5**	<0.051	<0.053	**0.0012 J**	<0.00064	**0.00094 J**	**0.0023 J**	**0.004**	<0.00073	<0.00079	<0.00074	<0.0012	<0.031	<0.00016	<0.00017	<0.00017	**0.0015**	<0.00018
Toluene	820	820	14	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.021	<0.022	<0.00031	**0.0073**	<0.00030	<0.00027	**0.0040 J**	<0.00062	<0.00068	<0.00064	<0.0010	<0.033	<0.00017	<0.00018	<0.00018	**0.00044 J**	**0.00063 J**
1,2,3-Trichlorobenzene	88	930	0.42	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.050	<0.051	<0.00074	<0.00063	<0.00071	<0.00063	<0.00068	<0.0011	<0.0012	<0.0012	<0.0018	<0.21	<0.0010	<0.0011	<0.0011	<0.00085	<0.0012
1,2,4-Trichlorobenzene	81	260	4.1	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.042	<0.043	<0.00062	<0.00052	<0.00060	<0.00053	<0.00057	<0.0011	<0.0012	<0.0012	<0.0018	<0.93	<0.0046	<0.0049	<0.0049	<0.0039	<0.0054
1,1,1-Trichloroethane	640	640	1.4	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.019	<0.019	<0.00028	<0.00023	<0.00026	<0.00024	<0.00025	<0.00066	<0.00072	<0.00068	<0.0011	<0.034	<0.00017	<0.00018	<0.00018	<0.00014	<0.00020
1,1,2-Trichloroethane	2.1	6.3	0.032	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.040	<0.041	<0.00060	<0.00050	<0.00057	<0.00051	<0.00054	<0.00048	<0.00052	<0.00049	<0.00078	<0.048	<0.00024	<0.00025	<0.00025	<0.00020	<0.00027
Trichloroethene	5.7	19	0.036	**0.044**	**0.011**	**7.8**	**11**	<0.25	<0.27	**1.25**	**7.32**	**0.0848**	**0.0027 J**	**0.0011 J**	**0.00092 J**	**0.0013 J**	<0.00062	**0.00078 J**	<0.00064	<0.0010	<0.037	<0.00018	<0.00019	<0.00019	**0.00064 J**	<0.00021
Trichlorofluoromethane	1200	1200	66	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.12	<0.12	<0.0018	<0.0015	<0.0017	<0.0015	<0.0016	<0.00055	<0.00060	<0.00056	<0.00089	<0.17	<0.0086	<0.00091	<0.00091	<0.00071	<0.00099
1,2,3-Trichloropropane	1	3.1	0.0061	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.045	<0.046	<0.00066	<0.00056	<0.00064	<0.00057	<0.00060	<0.00060	<0.00065	<0.00061	<0.00097	<0.039	<0.00019	<0.00021	<0.00021	<0.00016	<0.00023
1,2,4-Trimethylbenzene	220	220	1.6	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	**0.0224 J**	**0.0311 J**	<0.00030	**0.0021 J**	<0.00029	<0.00025	**0.0014 J**	<0.0011	<0.0012	<0.0012	<0.0018	**0.919 J**	<0.00015	<0.00016	<0.00015	<0.00012	<0.00017
1,3,5-Trimethylbenzene	180	180	1.7	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.015	<0.015	<0.00022	**0.00067 J**	<0.00021	<0.00019	**0.00080 J**	<0.0011	<0.0012	<0.0012	<0.0018	**0.513 J**	<0.00017	<0.00018	<0.00018	<0.00014	<0.00020
Vinyl Acetate	1300	2800	1.7	<0.037	<0.033	<1.2	<1.1	<1.3	<1.4	<0.14	<0.15	<0.0022	<0.0018	<0.0021	<0.0018	<0.0020	-	-	-	-	<0.22	<0.0011	<0.0012	<0.0012	<0.00091	<0.0013
Vinyl chloride	0.83	17	0.014	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	<0.066	<0.068	<0.00098	<0.00083	<0.00094	<0.00084	<0.00089	<0.00087	<0.00095	<0.00089	<0.0014	<0.12	<0.00060	<0.00064	<0.00063	<0.00050	**0.0021 J**
m,p-Xylene	390	390	3.7	<0.015	<0.013	<2.5	<1.1	<0.25	<0.27	**0.104 J**	<0.033	**0.00078 J**	**0.0051**	<0.00046	<0.00041	**0.0028 J**	<0.00063	<0.00068	<0.00064	<0.0010	<0.047	<0.00023	<0.00025	<0.00025	<0.00019	<0.00027
o-Xylene	430	430	3.7	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	**0.0540 J**	**0.0304 J**	<0.00035	**0.0023 J**	<0.00034	<0.00030	**0.0011 J**	<0.00029	<0.00031	<0.00029	<0.00046	**0.468**	<0.00017	<0.00018	<0.00018	<0.00014	<0.00020
Xylene (total)	260	260	200	<0.0074	<0.067	<1.2	<1.1	<0.25	<0.27	**0.158 J**	**0.0617 J**	**0.00078 J**	**0.0074**	<0.00034	<0.00030	**0.0039**	<0.00029	<0.00031	<0.00029	<0.00046	**0.468**	<0.00012	<0.00012	<0.00012	<0.000097	<0.00014

Results in milligrams per kilogram (mg/kg)
RCG = Remediation Closure Guide
Bold Font Indicates Detected Analyte; Shaded Cell Indicates Screening Level Exceedance
NA = Not Available; - = Not Analyzed
See Explanation Page for Laboratory Flags

Table 10
Results of the Analysis of Soil From AOC-1
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			HA-3		HA-4		HA-5		HA-6		HA-7		HA-8		HA-9	HA-10	HA-11	HA-12	HA-13	P1		P2		P3	
	Residential Direct Contact	Industrial Direct Contact	Migration to Groundwater	0.5-1'	4-4.5'	0.5-1'	2-2.5'	0.5-1'	3-3.5'	0-0.5	4-4.5'	0-1'	4-4.5'	0-0.5'	4-4.5'	0.5-1'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	4-5'	16-17'	7-8'	17-19'	2-3'	13-14'
				10/1/2010	10/1/2010	10/1/2010	10/1/2010	10/1/2010	10/1/2010	7/15/2013	7/15/2013	7/15/2013	7/15/2013	7/15/2013	7/15/2013	7/15/2013	10/3/2017	10/3/2017	10/3/2017	10/3/2017	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011
PAHs																										
Acenaphthene	5000	45000	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.024	<0.025	<0.025	<0.025	<0.024	<0.026
Acenaphthylene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.022	<0.023	<0.022	<0.022	<0.021	<0.023
Anthracene	25000	100000	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.396**	<0.024	<0.023	<0.023	<0.022	<0.024
Benzo(a)anthracene	15	210	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.011	<0.011	<0.011	<0.011	<0.010	**0.0295 J**
Benzo(a)pyrene	1.5	21	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.017	<0.018	<0.018	**0.687**	<0.017	<0.018
Benzo(b)fluoranthene	15	210	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.034	<0.035	<0.035	<0.035	<0.033	<0.036
Benzo(g,h,i)perylene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.019	<0.019	<0.019	<0.019	<0.018	<0.020
Benzo(k)fluoranthene	150	2100	590	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0085	<0.0089	<0.0088	<0.0088	<0.0083	<0.0091
Chrysene	1500	21000	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0094	<0.0098	<0.0097	<0.0097	<0.0092	**0.0318 J**
Dibenz(a,h)anthracene	1.5	21	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.019	<0.019	<0.019	<0.019	<0.018	<0.020
Fluoranthene	3400	30000	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0098	<0.010	<0.010	<0.010	<0.0096	**0.0397 J**
Fluorene	3400	30000	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.823**	<0.0066	<0.0065	<0.0066	<0.0062	<0.0068
Indeno(1,2,3-cd)pyrene	15	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.018	<0.018	<0.018	<0.018	<0.017	**0.292 J**
2-Methylnaphthalene	340	3000	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.278 J**	<0.025	<0.025	<0.025	<0.024	<0.026
Naphthalene	53	170	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.55**	<0.0070	<0.0069	<0.0069	<0.0065	<0.0072
Phenanthrene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.98**	<0.0078	<0.0076	<0.0077	<0.0073	**0.0205 J**
Pyrene	2500	23000	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0092	<0.0097	<0.0095	<0.0096	<0.0091	**0.0430 J**
PCBs																										
Aroclor 1016	5.7	51	2.7	<0.48	<0.021	<0.094	<0.098	<0.088	<0.097	<0.017	<0.017	<0.016	<0.016	<0.018	<0.017	<0.018	<0.040	<0.040	<0.046	<0.018	<0.016	<0.016	<0.016	<0.016	<0.015	<0.017
Aroclor 1221	2.8	8.3	0.016	<0.48	<0.021	<0.094	<0.098	<0.088	<0.097	<0.022	<0.022	<0.022	<0.022	<0.024	<0.023	<0.024	<0.040	<0.040	<0.046	<0.018	<0.017	<0.017	<0.017	<0.017	<0.016	<0.017
Aroclor 1232	2.4	7.2	0.016	<0.48	<0.021	<0.094	<0.098	<0.088	<0.097	<0.018	<0.017	<0.017	<0.017	<0.019	<0.018	<0.019	<0.040	<0.040	<0.046	<0.012	<0.022	<0.023	<0.023	<0.023	<0.022	<0.023
Aroclor 1242	3.2	9.5	0.24	<0.48	<0.021	<0.094	<0.098	<0.088	<0.097	<0.019	<0.018	<0.018	<0.018	<0.020	<0.019	<0.020	<0.040	<0.040	<0.046	<0.0071	<0.0078	<0.0081	<0.0080	<0.0081	<0.0076	<0.0083
Aroclor 1248	3.2	9.5	0.24	**8.0**	<0.021	<0.094	<0.098	<0.088	<0.097	<0.017	<0.016	<0.016	<0.016	<0.017	<0.017	<0.018	<0.040	<0.040	<0.046	<0.026	<0.0030	<0.0031	<0.0031	<0.0031	<0.0029	<0.0032
Aroclor 1254	1.7	9.7	0.41	<0.48	<0.021	**1.3**	**1.4**	**0.24**	**0.77**	**6.06**	**7.08**	**3.3**	**0.0396**	<0.029	<0.028	<0.030	<0.040	**0.119**	<0.046	**5.64**	<0.018	<0.019	<0.018	<0.019	<0.017	<0.019
Aroclor 1260	3.4	9.9	1.1	<0.48	<0.021	<0.094	<0.098	<0.088	<0.097	<0.019	<0.019	**0.582** [a]	<0.018	<0.020	<0.019	**0.119**	**0.0744**	<0.040	<0.046	<0.014	<0.0044	<0.0046	<0.0045	<0.0045	<0.0043	<0.0046
Metals																										
Arsenic	9.5	30	5.9	**13**	**15**	**9.6**	**11**	**10**	**10**	**5.6**	**5.3**	**10.2**	**10.6**	**7.2**	**6.4**	**8.2**	-	-	-	-	**9.4**	**6.8**	**11.8**	**4.9**	**11.6**	**12.6**
Barium	21000	100000	1700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**32.7**	**68.1**	**31.4**	**79.3**	**44.7**	**67.2**
Cadmium	99	980	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.16 J**	**0.12 J**	**0.12 J**	**0.11 J**	**0.22 J**	**0.10 J**
Chromium	NA	NA	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8.2**	**8.9**	**7.8**	**7.5**	**10.6**	**7.7**
Lead	400	800	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8.3**	**10**	**12.9**	**7.5**	**11**	**11.2**
Mercury	3.1	3.1	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.011 J**	**0.026 J**	**0.022 J**	**0.015 J**	**0.018 J**	**0.029 J**
Selenium	550	5800	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.17	**0.18 J**	<0.17	<0.17	<0.16	**0.22 J**
Silver	550	5800	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.10	<0.10	<0.10	<0.10	<0.099	<0.10

Results in milligrams per kilogram (mg/kg)
RCG = Remediation Closure Guide
Bold Font Indicates Detected Analyte; Shaded Cell Indicates Screening Level Exceedance
NA = Not Available; - = Not Analyzed
See Explanation Page for Laboratory Flags

Table 10
Results of the Analysis of Soil From AOC-1
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			P4		P5			P6		P7			P8		P9		P10		P11		P12		P-13	
	Residential Direct Contact	Industrial Direct Contact	Migration to Groundwater	7-8'	14-16'	7-8'	Dup.-1	14-16'	4-5'	12-14'	2-3'	9-11'	Dup.-2	6-7'	17-18'	5-6'	13-14'	2-3'	9-10'	4-6'	10-11'	2-3'	9-10'	4.5-5'	15-16'
				10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	8/1/2013	8/1/2013
VOCs																									
Acetone	85000	100000	57	**0.0124 B**	**0.0285 B**	**0.0109 B**	**0.0117 B**	**0.0144 B**	<6.0	**0.0170 B**	**0.0098 B**	**0.0336 B**	**0.0267 B**	<0.50	**0.0225**	**0.0142 B**	**0.0458 B**	<0.53	**0.0254 B**	<0.53	**0.0137**	<0.58	<0.40	**0.0705**	**0.0093 J**
Benzene	15	51	0.051	<0.00013	<0.00012	<0.00011	<0.00011	<0.00011	<0.15	**0.00032 J**	**0.0033**	<0.00019	<0.00016	<0.013	<0.00011	<0.00013	**0.0093**	<0.013	<0.00016	<0.013	<0.000093	<0.014	**0.0261 J**	<0.00030	<0.00027
Bromobenzene	410	680	0.84	<0.00020	<0.00019	<0.00017	<0.00016	<0.00017	<0.23	<0.00016	<0.00017	<0.00029	<0.00024	<0.019	<0.00016	<0.00020	<0.00028	<0.020	<0.00024	<0.020	<0.00014	<0.022	<0.015	<0.00033	<0.00030
Bromochloromethane	210	630	0.41	<0.0011	<0.0010	<0.00092	<0.00089	<0.00094	<1.2	<0.00085	<0.00093	<0.0016	<0.0013	<0.10	<0.00088	<0.0011	<0.0015	<0.11	<0.0013	<0.11	<0.00077	<0.12	<0.083	<0.00070	<0.00063
Bromodichloromethane	4.1	13	0.43	<0.00022	<0.00021	<0.00019	<0.00018	<0.00019	<0.25	<0.00017	<0.00019	<0.00032	<0.00026	<0.021	<0.00018	<0.00022	<0.00031	<0.022	<0.00026	<0.022	<0.00016	<0.024	<0.017	<0.00043	<0.00039
Bromoform	270	860	0.42	<0.00049	<0.00047	<0.00042	<0.00041	<0.00043	<0.57	<0.00039	<0.00042	<0.00072	<0.00059	<0.048	<0.00040	<0.00050	<0.00069	<0.050	<0.00059	<0.050	<0.00035	<0.055	<0.038	<0.00035	<0.00031
Bromomethane	9.5	30	0.038	<0.00070	<0.00067	<0.00060	<0.00058	<0.00061	<0.81	<0.00056	<0.00060	<0.0010	<0.00084	<0.068	<0.00058	<0.00072	<0.00099	<0.071	<0.00084	<0.072	<0.00050	<0.078	<0.054	<0.0012	<0.0011
2-Butanone (MEK)	28000	28000	23	<0.0012	<0.0012	<0.0011	<0.0010	<0.0011	<1.4	<0.00098	<0.0011	<0.0018	<0.0015	<0.12	<0.0010	<0.0013	<0.0017	<0.13	<0.0015	<0.13	<0.00088	<0.14	<0.096	**0.0139**	<0.0033
n-Butylbenzene	110	110	64	<0.0013	<0.0012	<0.0011	<0.0011	<0.0011	**3.49 J**	**0.007**	<0.0011	<0.0019	<0.0016	**1.91**	<0.0011	<0.0013	**0.0071 J**	**0.494 J**	**0.0048 J**	<0.13	<0.00094	<0.15	<0.10	<0.00021	<0.00019
sec-Butylbenzene	150	150	120	<0.00017	<0.00016	<0.00015	<0.00014	<0.00015	**4.03 J**	**0.0056**	<0.00015	<0.00025	<0.00021	**1.12**	<0.00014	<0.00018	**0.0033 J**	<0.017	**0.0016 J**	<0.017	<0.00012	<0.019	<0.013	<0.00019	<0.00017
tert-Butylbenzene	180	180	31	<0.00068	<0.00065	<0.00058	<0.00056	<0.00059	<0.78	<0.00054	<0.00058	<0.00099	<0.00081	<0.066	<0.00056	<0.00069	<0.00096	<0.069	<0.00081	<0.069	<0.00049	<0.075	<0.053	<0.00043	<0.00038
Carbon disulfide	740	740	4.8	<0.0010	**0.0044 J**	<0.00086	<0.00084	<0.00088	<1.2	<0.00080	<0.00087	<0.0015	<0.0012	**0.239 J**	**0.0036 J**	<0.0010	**0.0065 J**	<0.10	<0.0012	<0.10	<0.00072	<0.11	<0.078	<0.00018	<0.00016
Carbon tetrachloride	9.1	29	0.039	<0.00023	<0.00022	<0.00020	<0.00019	<0.00020	<0.27	<0.00018	<0.00020	<0.00034	<0.00028	<0.023	<0.00019	<0.00024	<0.00033	<0.024	<0.00028	<0.024	<0.00017	<0.026	<0.018	<0.0014	<0.0013
Chlorobenzene	390	760	1.4	<0.000097	<0.000093	<0.000083	<0.000081	<0.000085	<0.11	<0.000077	<0.000084	<0.00014	<0.00012	<0.0094	<0.000080	<0.000099	**0.0010 J**	<0.0099	<0.00012	<0.0099	<0.000070	<0.011	<0.0075	<0.00032	<0.00029
Chloroethane	2100	2100	120	<0.00027	<0.00026	<0.00023	<0.00022	<0.00024	<0.31	<0.00021	<0.00023	<0.00039	<0.00032	<0.026	<0.00022	<0.00028	<0.00038	<0.027	<0.00032	<0.028	<0.00019	<0.030	**0.230 J**	<0.00072	<0.00065
Chloroform	4.5	14	0.44	<0.00015	<0.00015	<0.00013	<0.00013	<0.00013	<0.18	<0.00012	<0.00013	<0.00023	<0.00018	<0.015	<0.00013	<0.00016	<0.00022	<0.016	<0.00018	<0.016	<0.00011	<0.017	<0.012	<0.00035	<0.00031
Chloromethane	150	460	0.98	<0.00022	<0.00021	<0.00019	<0.00019	<0.00020	<0.26	<0.00018	<0.00019	<0.00033	<0.00027	<0.022	<0.00018	<0.00023	<0.00032	<0.023	<0.00027	<0.023	<0.00016	<0.025	<0.017	<0.0015	<0.0013
o-Chlorotoluene	910	910	4.7	<0.00014	<0.00014	<0.00012	<0.00012	<0.00013	<0.17	<0.00012	<0.00013	<0.00021	<0.00017	<0.014	<0.00012	<0.00015	<0.00021	<0.015	<0.00017	<0.015	<0.00010	<0.016	<0.011	<0.00049	<0.00044
p-Chlorotoluene	250	250	4.8	<0.0012	<0.0011	<0.00099	<0.00097	<0.0010	<1.3	<0.00092	<0.0010	<0.0017	<0.0014	<0.11	<0.00095	<0.0012	<0.0016	<0.12	<0.0014	<0.12	<0.00083	<0.13	<0.090	<0.00053	<0.00048
1,2-Dibromo-3-chloropropane	0.074	0.64	0.0017	<0.0052	<0.0049	<0.0044	<0.0043	<0.0045	<6.0	<0.0041	<0.0045	<0.0076	<0.0062	<0.50	<0.0043	<0.0053	<0.0074	<0.53	<0.0062	<0.53	<0.0037	<0.58	<0.40	<0.0024	<0.0022
Dibromochloromethane	120	390	0.43	<0.00067	<0.00064	<0.00058	<0.00056	<0.00059	<0.78	<0.00054	<0.00058	<0.00099	<0.00081	<0.066	<0.00055	<0.00069	<0.00096	<0.069	<0.00081	<0.069	<0.00048	<0.075	<0.052	<0.00051	<0.00046
1,2-Dibromoethane	0.5	1.6	0.00038	<0.00020	<0.00019	<0.00017	<0.00016	<0.00017	<0.23	<0.00016	<0.00017	<0.00029	<0.00024	<0.019	<0.00016	<0.00020	<0.00028	<0.020	<0.00024	<0.020	<0.00014	<0.022	<0.015	<0.00068	<0.00061
1,2-Dichlorobenzene	380	380	12	<0.00016	<0.00015	<0.00013	<0.00013	<0.00014	<0.18	<0.00012	<0.00013	<0.00023	<0.00019	<0.015	<0.00013	<0.00016	<0.00022	<0.016	<0.00019	<0.016	<0.00011	<0.017	<0.012	<0.00025	<0.00023
1,3-Dichlorobenzene	NA	NA	NA	<0.00015	<0.00014	<0.00013	<0.00012	<0.00013	<0.17	<0.00012	<0.00013	<0.00022	<0.00018	<0.015	<0.00012	<0.00015	<0.00021	<0.015	<0.00018	<0.015	<0.00011	<0.017	<0.012	<0.00027	<0.00024
1,4-Dichlorobenzene	36	110	1.4	<0.00014	<0.00014	<0.00012	<0.00012	<0.00013	<0.17	<0.00012	<0.00013	<0.00021	<0.00017	<0.014	<0.00012	<0.00015	<0.00021	<0.015	<0.00017	<0.015	<0.00010	<0.016	<0.011	<0.00024	<0.00022
Dichlorodifluoromethane	120	370	6	<0.00035	<0.00034	<0.00030	<0.00029	<0.00031	<0.41	<0.00028	<0.00031	<0.00052	<0.00043	<0.034	<0.00029	<0.00036	<0.00050	<0.036	<0.00043	<0.036	<0.00025	<0.040	<0.028	<0.0013	<0.0012
1,1-Dichloroethane	50	160	0.16	<0.00016	<0.00015	<0.00013	<0.00013	<0.00014	**2.86**	**0.0010 J**	**0.0031**	<0.00023	<0.00019	<0.015	<0.00013	<0.00016	**0.0020 J**	<0.016	<0.00019	<0.016	<0.00011	<0.018	**0.0397 J**	<0.00040	<0.00036
1,2-Dichloroethane	6.4	20	0.028	<0.00015	<0.00014	<0.00013	<0.00013	<0.00013	<0.17	<0.00012	<0.00013	<0.00022	<0.00018	<0.015	<0.00012	<0.00015	<0.00021	<0.015	<0.00018	<0.015	<0.00011	<0.017	<0.012	<0.00065	<0.00059
1,1-Dichloroethene	320	1000	0.05	<0.00033	<0.00031	<0.00028	<0.00027	<0.00029	<0.38	<0.00026	<0.00028	<0.00048	<0.00040	<0.032	<0.00027	<0.00034	<0.00047	<0.033	<0.00040	<0.034	<0.00024	<0.037	<0.026	<0.00062	<0.00056
cis-1,2-Dichloroethene	220	2300	0.41	**0.0016 J**	**0.297**	<0.00024	<0.00023	<0.00024	<0.32	<0.00022	**0.0018**	<0.00041	**0.00097 J**	<0.027	<0.00023	<0.00029	**0.00083 J**	**0.305**	<0.00034	<0.029	**0.13**	**0.148 J**	<0.022	**0.0010 J**	**0.0010 J**
trans-1,2-Dichloroethene	1900	1900	0.62	<0.00026	**0.0139**	<0.00022	<0.00022	<0.00023	<0.30	<0.00021	<0.00023	<0.00038	<0.00031	<0.025	<0.00021	<0.00027	<0.00037	<0.027	<0.00031	<0.027	<0.00019	<0.029	<0.020	<0.00053	<0.00048
1,2-Dichloropropane	22	66	0.033	<0.00024	<0.00023	<0.00020	<0.00020	<0.00021	<0.27	<0.00019	<0.00020	<0.00035	<0.00028	<0.023	<0.00019	<0.00024	<0.00034	<0.024	<0.00028	<0.024	<0.00017	<0.026	<0.018	<0.00051	<0.00046
1,3-Dichloropropane	1500	1500	2.6	<0.0012	<0.0011	<0.0010	<0.0010	<0.0010	<1.4	<0.00095	<0.0010	<0.0018	<0.0014	<0.12	<0.00099	<0.0012	<0.0017	<0.12	<0.0014	<0.12	<0.00086	<0.13	<0.093	<0.00053	<0.00048
2,2-Dichloropropane	NA	NA	NA	<0.00019	<0.00018	<0.00016	<0.00016	<0.00017	<0.22	<0.00015	<0.00017	<0.00028	<0.00023	<0.019	<0.00016	<0.00020	<0.00027	<0.019	<0.00023	<0.020	<0.00014	<0.021	<0.015	<0.00079	<0.00071
1,1-Dichloropropene	NA	NA	NA	<0.00020	<0.00019	<0.00017	<0.00017	<0.00017	<0.23	<0.00016	<0.00017	<0.00029	<0.00024	<0.019	<0.00016	<0.00020	<0.00028	<0.020	<0.00024	<0.020	<0.00014	<0.022	<0.016	<0.00028	<0.00025
cis-1,3-Dichloropropene	NA	NA	NA	<0.0010	<0.00099	<0.00088	<0.00086	<0.00090	<1.2	<0.00082	<0.00089	<0.0015	<0.0012	<0.10	<0.00085	<0.0011	<0.0015	<0.11	<0.0012	<0.11	<0.00074	<0.12	<0.080	<0.00035	<0.00031
trans-1,3-Dichloropropene	NA	NA	NA	<0.00071	<0.00068	<0.00061	<0.00059	<0.00062	<0.82	<0.00056	<0.00061	<0.0010	<0.00085	<0.069	<0.00058	<0.00073	<0.0010	<0.072	<0.00085	<0.072	<0.00051	<0.079	<0.055	<0.00035	<0.00032
Ethylbenzene	81	250	16	<0.00013	<0.00013	<0.00011	<0.00011	<0.00012	**92**	**0.0271**	<0.00012	<0.00020	<0.00016	<0.013	<0.00011	<0.00014	**0.417**	**0.0421 J**	<0.00016	<0.014	<0.000096	<0.015	**1.11**	<0.00021	<0.00019
Hexachlorobutadiene	17	17	0.054	<0.0052	<0.0049	<0.0044	<0.0043	<0.0045	<6.0	<0.0041	<0.0045	<0.0076	<0.0062	<0.50	<0.0043	<0.0053	<0.0074	<0.53	<0.0062	<0.53	<0.0037	<0.58	<0.40	<0.00068	<0.00061
2-Hexanone	280	1300	0.18	<0.0011	<0.0010	<0.00093	<0.00090	<0.00095	<1.3	<0.00086	<0.00094	<0.0016	<0.0013	<0.11	<0.00089	<0.0011	<0.0015	<0.11	<0.0013	<0.11	<0.00078	<0.12	<0.085	<0.0029	<0.0026
Iodomethane	NA	NA	NA	<0.00097	<0.00093	<0.00083	<0.00081	<0.00085	<1.1	<0.00077	<0.00084	<0.0014	<0.0012	<0.095	<0.00080	<0.0010	<0.0014	<0.099	<0.0012	<0.099	<0.00070	<0.11	<0.076	<0.00045	<0.00041
Isopropylbenzene	270	270	15	<0.00016	<0.00016	<0.00014	<0.00014	<0.00014	**5.74 J**	**0.0034 J**	**0.0014 J**	<0.00024	<0.00020	**0.240 J**	<0.00014	<0.00017	**0.0154**	**0.0540 J**	**0.00059 J**	<0.017	<0.00012	<0.018	<0.013	<0.00033	<0.00030
p-Isopropyltoluene	NA	NA	NA	<0.00017	<0.00016	<0.00014	<0.00014	<0.00015	**3.95 J**	**0.0027 J**	<0.00015	<0.00025	<0.00020	<0.016	<0.00014	<0.00017	**0.0028 J**	**0.136 J**	<0.00020	<0.017	<0.00012	<0.019	<0.013	<0.00019	<0.00017
Methyl Tert Butyl Ether	660	2100	0.63	<0.00064	<0.00061	<0.00055	<0.00053	<0.00056	<0.74	<0.00051	<0.00055	<0.00094	<0.00077	<0.062	<0.00053	<0.00066	<0.00091	<0.065	<0.00077	<0.066	<0.00046	<0.072	<0.050	<0.00048	<0.00043
4-Methyl-2-pentanone (MIBK)	3400	3400	28	<0.00087	<0.00083	<0.00074	<0.00072	<0.00076	<1.0	<0.00069	<0.00075	<0.0013	<0.0010	<0.085	<0.00072	<0.00089	<0.0012	<0.089	<0.0010	<0.089	<0.00062	<0.097	<0.068	<0.0022	<0.0020
Methylene bromide	34	99	0.041	<0.00032	<0.00030	<0.00027	<0.00026	<0.00028	<0.37	<0.00025	<0.00027	<0.00046	<0.00038	<0.031	<0.00026	<0.00032	<0.00045	<0.032	<0.00038	<0.032	<0.00023	<0.035	<0.025	<0.00042	<0.00038
Methylene chloride	490	3200	0.025	**0.0012 J**	<0.00036	<0.00032	<0.00031	**0.0012 J**	<0.43	**0.0019**	<0.00032	**0.0132**	<0.00045	<0.036	<0.00031	<0.00038	<0.00053	<0.038	<0.00045	<0.038	**0.0013 J**	<0.042	<0.029	<0.0018	<0.0017
Naphthalene	53	170	0.11	<0.0052	<0.0049	<0.0044	<0.0043	<0.0045	**8.45**	<0.0041	<0.0045	<0.0076	<0.0062	<0.50	<0.0043	<0.0053	**0.0119**	<0.53	<0.0062	<0.53	<0.0037	<0.58	<0.40	<0.00094	<0.00085
n-Propylbenzene	260	260	25	<0.00017	<0.00016	<0.00014	<0.00014	<0.00015	**22.9**	**0.0107**	<0.00014	<0.00025	<0.00020	**0.150 J**	<0.00014	<0.00017	**0.019**	**0.106 J**	<0.00020	<0.017	<0.00012	<0.019	**0.0535 J**	<0.00029	<0.00026
Styrene	870	870	2.2	<0.00052	<0.00049	<0.00044	<0.00043	<0.00045	<0.60	<0.00041	<0.00045	<0.00076	<0.00062	<0.050	<0.00043	<0.00053	<0.00074	<0.053	<0.00062	<0.053	<0.00037	<0.058	<0.040	<0.00025	<0.00022
1,1,1,2-Tetrachloroethane	28	88	0.043	<0.0010	<0.00099	<0.00089	<0.00087	<0.00091	<1.2	<0.00083	<0.00090	<0.0015	<0.0013	<0.10	<0.00086	<0.0011	<0.0015	<0.11	<0.0013	<0.11	<0.00075	<0.12	<0.081	<0.00046	<0.00042
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	<0.00018	<0.00017	<0.00016	<0.00015	<0.00016	<0.21	<0.00015	<0.00016	<0.00027	<0.00022	<0.018	<0.00015	<0.00019	<0.00026	<0.019	<0.00022	<0.019	<0.00013	<0.020	<0.014	<0.00035	<0.00032
Tetrachloroethene	110	170	0.045	**0.155**	**0.0065**	**0.00084 J**	<0.00015	<0.00015	<0.20	<0.00014	<0.00015	<0.00026	<0.00021	<0.017	<0.00014	**0.0011 J**	<0.00025	<0.018	<0.00021	**5.83**	<0.00013	<0.019	<0.014	<0.00053	<0.00048
Toluene	820	820	14	<0.00019	<0.00018	<0.00016	**0.00045 J**	<0.00016	**18.6**	**0.0025 J**	<0.00016	**0.0013 J**	**0.0011 J**	<0.018	<0.00015	**0.00073 J**	**0.0036 J**	<0.019	**0.00081 J**	<0.019	**0.0014 J**	<0.021	<0.014	<0.00029	**0.00049 J**
1,2,3-Trichlorobenzene	88	930	0.42	<0.0011	<0.0011	<0.00098	<0.00095	<0.0010	<1.3	<0.00091	<0.00099	<0.0017	<0.0014	<0.11	<0.00094	<0.0012	<0.0016	<0.12	<0.0014	<0.12	<0.00082	<0.13	<0.089	<0.00052	<0.00047
1,2,4-Trichlorobenzene	81	260	4.1	<0.0052	<0.0049	<0.0044	<0.0043	<0.0045	<6.0	<0.0041	<0.0045	<0.0076	<0.0062	<0.50	<0.0043	<0.0053	<0.0074	<0.53	<0.0062	<0.53	<0.0037	<0.58	<0.40	<0.00043	<0.00039
1,1,1-Trichloroethane	640	640	1.4	<0.00019	<0.00018	<0.00016	<0.00016	<0.00017	**2.99**	<0.00015	<0.00016	<0.00028	<0.00023	<0.018	<0.00016	<0.00019	<0.00027	<0.019	<0.00023	<0.019	<0.00014	<0.021	<0.015	<0.00022	<0.00019
1,1,2-Trichloroethane	2.1	6.3	0.032	<0.00026	<0.00025	<0.00023	<0.00022	<0.00023	<0.31	<0.00021	<0.00023	<0.00039	<0.00032	<0.026	<0.00022	<0.00027	<0.00037	<0.027	<0.00032	<0.027	<0.00019	<0.029	<0.020	<0.00042	<0.00037
Trichloroethene	5.7	19	0.036	**0.0073**	**0.0245**	<0.00017	<0.00017	<0.00018	<0.23	<0.00016	<0.00017	<0.00030	<0.00024	<0.020	<0.00017	**0.0033**	<0.00029	<0.021	<0.00024	**0.361**	<0.00015	**1.63**	<0.016	<0.00057	0.0021 J
Trichlorofluoromethane	1200	1200	66	<0.00095	<0.00091	<0.00082	<0.00079	<0.00083	<1.1	<0.00076	<0.00082	<0.0014	<0.0011	<0.093	<0.00078	<0.00098	<0.0014	<0.097	<0.0011	<0.097	<0.00068	<0.11	<0.074	<0.0013	<0.0011
1,2,3-Trichloropropane	1	3.1	0.0061	<0.00022	<0.00021	<0.00019	<0.00018	<0.00019	<0.25	<0.00017	<0.00019	<0.00032	<0.00026	<0.021	<0.00018	<0.00022	<0.00031	<0.022	<0.00026	<0.022	<0.00016	<0.024	<0.017	<0.00046	<0.00042
1,2,4-Trimethylbenzene	220	220	1.6	<0.00016	<0.00016	<0.00014	<0.00014	<0.00014	**118**	**0.0539**	<0.00014	<0.00024	<0.00020	<0.016	<0.00013	<0.00017	**0.0915**	**1.91**	**0.00031 J**	<0.017	<0.00012	<0.018	**0.208 J**	<0.00025	<0.00022
1,3,5-Trimethylbenzene	180	180	1.7	<0.00019	<0.00018	<0.00016	<0.00016	<0.00016	**37.4**	**0.0187**	<0.00016	<0.00028	<0.00023	<0.018	<0.00015	<0.00019	**0.026**	**1.55**	<0.00023	<0.019	**0.00062 J**	<0.021	<0.015	<0.00015	<0.00014
Vinyl Acetate	1300	2800	1.7	<0.0012	<0.0012	<0.0010	<0.0010	<0.0011	<1.4	<0.00097	<0.0011	<0.0018	<0.0015	<0.12	<0.0010	<0.0012	<0.0017	<0.12	<0.0015	<0.12	<0.00087	<0.14	<0.095	<0.0015	<0.0013
Vinyl chloride	0.83	17	0.014	<0.00067	<0.00064	<0.00057	<0.00056	<0.00058	<0.77	<0.00053	**0.0022**	<0.00098	<0.00080	<0.065	<0.00055	<0.00068	<0.00095	<0.068	**0.00087 J**	<0.068	**0.19**	<0.074	<0.052	<0.00068	<0.00061
m,p-Xylene	390	390	3.7	<0.00026	<0.00025	<0.00022	<0.00022	<0.00023	**310**	**0.049**	<0.00023	<0.00038	<0.00031	<0.025	<0.00021	<0.00027	**0.717**	**0.121 J**	<0.00031	<0.027	<0.00019	<0.029	**0.504**	<0.00034	<0.00031
o-Xylene	430	430	3.7	<0.00019	<0.00018	<0.00016	<0.00016	<0.00017	**74.3**	**0.0106**	**0.00063 J**	<0.00028	<0.00023	<0.019	<0.00016	<0.00020	**0.179**	**0.146 J**	<0.00023	<0.020	**0.00093 J**	<0.021	**0.159 J**	<0.00025	<0.00022
Xylene (total)	260	260	200	<0.00013	<0.00012	<0.00011	<0.00011	<0.00011	**384**	**0.0596**	**0.00063 J**	<0.00019	<0.00016	<0.013	<0.00011	<0.00013	**0.896**	**0.267**	<0.00016	<0.013	**0.00093 J**	<0.015	**0.662**	<0.00025	<0.00022

Results in milligrams per kilogram (mg/kg)
RCG = Remediation Closure Guide
Bold Font Indicates Detected Analyte; Shaded Cell Indicates Screening Level Exceedance
NA = Not Available; - = Not Analyzed
See Explanation Page for Laboratory Flags

Table 10
Results of the Analysis of Soil From AOC-1
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			P4		P5			P6		P7			P8		P9		P10		P11		P12		P-13	
	Residential Direct Contact	Industrial Direct Contact	Migration to Groundwater	7-8'	14-16'	7-8'	Dup.-1	14-16'	4-5'	12-14'	2-3'	9-11'	Dup.-2	6-7'	17-18'	5-6'	13-14'	2-3'	9-10'	4-6'	10-11'	2-3'	9-10'	4.5-5'	15-16'
				10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	10/26/2011	8/1/2013	8/1/2013
PAHs																									
Acenaphthene	5000	45000	110	<0.026	<0.026	<0.025	<0.027	<0.026	<0.025	<0.027	<0.026	<0.027	<0.029	<0.026	<0.027	<0.026	<0.029	**0.0727 J**	<0.027	<0.026	<0.029	<0.025	<0.026	-	-
Acenaphthylene	NA	NA	NA	<0.023	<0.023	<0.022	<0.024	<0.023	<0.022	<0.024	<0.023	<0.024	<0.026	<0.023	<0.024	<0.023	<0.026	<0.021	<0.024	<0.023	<0.026	<0.022	<0.024	-	-
Anthracene	25000	100000	1200	<0.024	<0.024	<0.023	<0.026	<0.025	**0.0341 J**	<0.025	<0.025	<0.026	<0.027	<0.024	<0.025	**0.0246 J**	<0.027	**0.0843 J**	<0.026	<0.024	**0.0435 J**	**0.0414 J**	<0.025	-	-
Benzo(a)anthracene	15	210	2.1	<0.011	<0.011	<0.011	<0.012	<0.011	<0.011	<0.012	<0.011	<0.012	<0.013	<0.011	<0.012	**0.0791 J**	<0.013	**0.217 J**	<0.012	**0.0446 J**	**0.130 J**	**0.159 J**	<0.012	-	-
Benzo(a)pyrene	1.5	21	4.7	<0.018	<0.018	<0.018	<0.019	<0.019	<0.018	<0.019	<0.019	<0.019	<0.020	<0.018	<0.019	**0.0540 J**	<0.020	**0.159 J**	<0.019	**0.0621 J**	**0.0618 J**	**0.212 J**	<0.019	-	-
Benzo(b)fluoranthene	15	210	60	<0.036	<0.036	<0.035	<0.038	<0.037	<0.035	<0.037	<0.036	<0.038	<0.040	<0.036	<0.037	<0.036	<0.040	**0.163 J**	<0.038	**0.0643 J**	**0.0696 J**	**0.235 J**	<0.037	-	-
Benzo(g,h,i)perylene	NA	NA	NA	<0.020	<0.020	<0.019	<0.021	<0.020	<0.019	<0.020	<0.020	<0.021	<0.022	<0.020	<0.020	**0.291 J**	<0.022	**0.169 J**	<0.021	**0.0724 J**	**0.0459 J**	**0.309**	<0.020	-	-
Benzo(k)fluoranthene	150	2100	590	<0.0090	<0.0091	<0.0088	<0.0096	<0.0092	<0.0089	<0.0094	<0.0092	<0.0096	<0.010	<0.0090	<0.0093	<0.0090	<0.010	**0.163 J**	<0.0096	**0.0699 J**	**0.0628 J**	**0.163 J**	<0.0093	-	-
Chrysene	1500	21000	1800	<0.0099	<0.010	<0.0097	<0.011	<0.010	<0.0098	<0.010	<0.010	<0.011	<0.011	<0.010	<0.010	**0.0732 J**	<0.011	**0.260 J**	<0.011	**0.0588 J**	**0.118 J**	**0.183 J**	<0.010	-	-
Dibenz(a,h)anthracene	1.5	21	19	<0.020	<0.020	<0.019	<0.021	<0.020	<0.019	<0.020	<0.020	<0.021	<0.022	<0.020	<0.020	**0.317**	<0.022	**0.0609 J**	<0.021	<0.020	**0.0319 J**	**0.0945 J**	<0.020	-	-
Fluoranthene	3400	30000	1800	<0.010	**0.0320 J**	<0.010	**0.0162 J**	**0.0126 J**	<0.010	<0.011	<0.011	<0.011	<0.012	<0.010	<0.011	**0.154 J**	<0.012	**0.662**	<0.011	**0.0367 J**	**0.254 J**	**0.282 J**	<0.011	-	-
Fluorene	3400	30000	110	<0.0067	<0.0068	<0.0065	<0.0071	<0.0069	**0.145 J**	<0.0070	<0.0069	<0.0071	<0.0075	<0.0067	<0.0069	**0.0129 J**	<0.0075	**0.150 J**	**0.131 J**	<0.0067	<0.0075	<0.0065	<0.0069	-	-
Indeno(1,2,3-cd)pyrene	15	210	200	<0.019	**0.287 J**	<0.018	<0.020	<0.019	<0.018	<0.019	<0.019	<0.020	<0.021	<0.019	<0.019	**0.296 J**	<0.021	**0.135 J**	<0.020	**0.0597 J**	**0.0374 J**	**0.229 J**	<0.019	-	-
2-Methylnaphthalene	340	3000	3.7	<0.026	<0.026	<0.025	<0.027	<0.026	**0.303**	<0.027	<0.026	<0.027	<0.029	<0.026	<0.026	<0.026	**0.0869 J**	**0.0493 J**	<0.027	<0.026	<0.029	<0.025	<0.026	-	-
Naphthalene	53	170	0.11	<0.0071	<0.0072	<0.0069	<0.0075	<0.0072	**2.63**	<0.0073	<0.0072	<0.0075	<0.0079	<0.0071	<0.0073	**0.0175 J**	**0.246 J**	**0.0933 J**	<0.0075	<0.0071	<0.0079	**0.0266 J**	<0.0073	-	-
Phenanthrene	NA	NA	NA	<0.0078	**0.0178 J**	<0.0077	<0.0084	<0.0081	**0.745**	<0.0082	<0.0080	<0.0084	<0.0088	<0.0079	<0.0081	**0.116 J**	<0.0088	**0.761**	<0.0084	**0.0156 J**	<0.0088	**0.134 J**	<0.0081	-	-
Pyrene	2500	23000	260	<0.0098	**0.0338 J**	<0.0095	<0.010	<0.010	<0.0097	<0.010	<0.010	<0.010	<0.011	<0.0098	<0.010	**0.119 J**	<0.011	**0.467**	**0.111 J**	**0.0447 J**	**0.206 J**	**0.248 J**	<0.010	-	-
PCBs																									
Aroclor 1016	5.7	51	2.7	<0.017	<0.016	<0.016	<0.017	<0.017	<0.016	<0.017	<0.017	<0.018	<0.018	<0.017	<0.017	<0.016	<0.018	<0.015	<0.018	<0.017	<0.019	<0.016	<0.017	<0.019	<0.018
Aroclor 1221	2.8	8.3	0.016	<0.017	<0.017	<0.016	<0.018	<0.018	<0.017	<0.018	<0.018	<0.019	<0.019	<0.017	<0.018	<0.017	<0.019	<0.016	<0.019	<0.017	<0.019	<0.017	<0.018	<0.025	<0.024
Aroclor 1232	2.4	7.2	0.016	<0.023	<0.023	<0.022	<0.024	<0.024	<0.023	<0.024	<0.023	<0.026	<0.025	<0.023	<0.024	<0.023	<0.026	<0.021	<0.025	<0.023	<0.026	<0.022	<0.024	<0.020	<0.019
Aroclor 1242	3.2	9.5	0.24	<0.0082	<0.0082	<0.0078	<0.0084	<0.0085	<0.0080	<0.0083	<0.0083	<0.0091	<0.0089	<0.0082	<0.0084	<0.0080	<0.0091	<0.0076	<0.0088	<0.0082	<0.0092	<0.0079	<0.0084	<0.021	<0.020
Aroclor 1248	3.2	9.5	0.24	<0.0032	<0.0031	<0.0030	<0.0032	<0.0032	<0.0031	<0.0032	<0.0032	<0.0035	<0.0034	<0.0031	<0.0032	<0.0031	<0.0035	<0.0029	<0.0034	<0.0032	<0.0035	<0.0030	<0.0032	<0.019	<0.018
Aroclor 1254	1.7	9.7	0.41	<0.019	<0.019	<0.018	<0.019	<0.019	**22.2**	**0.0465 J**	**0.0257 J**	<0.021	<0.020	**0.116 J**	<0.019	**0.148**	<0.021	**12.8**	<0.020	**0.0653 J** [a]	**0.0415 J**	**11.5**	**0.251**	**0.0871**	<0.029
Aroclor 1260	3.4	9.9	1.1	<0.0046	<0.0046	<0.0044	<0.0047	<0.0047	<0.0045	<0.0047	<0.0046	<0.0051	<0.0050	<0.0046	<0.0047	<0.0045	<0.0051	<0.0042	<0.0049	**0.112 J**	<0.0052	<0.0044	<0.0047	<0.021	<0.020
Metals																									
Arsenic	9.5	30	5.9	**13.2**	**5.1**	**12.3**	**11.1**	**13.6**	**12.6**	**9.4**	**11.9**	**11.2**	**10.9**	**8.1**	**4.2**	**13.2**	**11.6**	**7.5**	**8.2**	**10.8**	**8.5**	**9.1**	**8.3**	**9.1**	**2.8**
Barium	21000	100000	1700	**58.7**	**54.5**	**60.6**	**62.7**	**40.5**	**622**	**47.8**	**75.3**	**55**	**53.3**	**77.3**	**51.8**	**90**	**53.5**	**124**	**48.4**	**69.3**	**29.7**	**555**	**84.8**	-	-
Cadmium	99	980	7.5	**0.20 J**	**0.088 J**	**0.28 J**	**0.18 J**	**0.18 J**	**0.24 J**	**0.16 J**	**0.36 J**	**0.13 J**	**0.17 J**	**0.27 J**	**0.096 J**	**0.7**	**0.16 J**	**0.39**	**0.14 J**	**0.20 J**	**0.15 J**	**1.2**	**0.16 J**	-	-
Chromium	NA	NA	1000000	**11.6**	**8.6**	**14.3**	**10.7**	**9.7**	**41**	**19.5**	**14.5**	**10.6**	**9.8**	**19.3**	**7.5**	**17.4**	**10**	**62.4**	**10.7**	**10.2**	**8.5**	**229**	**12.2**	-	-
Lead	400	800	270	**18**	**11**	**11.4**	**11.4**	**11**	**27.1**	**10.3**	**11.9**	**16.5**	**16.4**	**32.1**	**12.5**	**33.4**	**15**	**32.2**	**12.5**	**26.1**	**8.4**	**49.7**	**8.9**	-	-
Mercury	3.1	3.1	2.1	**0.028 J**	**0.024 J**	**0.019 J**	**0.024 J**	**0.020 J**	**0.015 J**	**0.012 J**	**0.027 J**	**0.030 J**	**0.028 J**	**0.06**	**0.021 J**	**0.48**	**0.025 J**	**0.064**	**0.0095 J**	**0.04**	**0.020 J**	**0.057**	**0.015 J**	-	-
Selenium	550	5800	5.3	<0.18	<0.18	<0.17	<0.18	<0.18	<0.17	<0.17	<0.17	<0.18	<0.19	**0.23 J**	**0.25 J**	<0.18	<0.18	<0.15	<0.18	<0.17	<0.18	<0.17	<0.17	-	-
Silver	550	5800	16	<0.11	<0.11	<0.11	<0.11	<0.11	<0.10	<0.10	<0.10	<0.11	<0.12	<0.10	<0.11	<0.11	<0.11	<0.094	<0.11	<0.10	<0.11	**0.10 J**	<0.11	-	-

Results in milligrams per kilogram (mg/kg)
RCG = Remediation Closure Guide
Bold Font Indicates Detected Analyte; Shaded Cell Indicates Screening Level Exceedance
NA = Not Available; - = Not Analyzed
See Explanation Page for Laboratory Flags

Table 10
Results of the Analysis of Soil From AOC-1
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			P-14		P-15		P-16		P-17		P-18		P-22		P-23		P-24		P-25	
	Residential Direct Contact	Industrial Direct Contact	Migration to Groundwater	4.5-5'	15-16'	3.5-4'	15-16'	1.5-2'	15-16'	0.5-1'	15-16'	2-4'	15-16'	2-4'	10-12'	2-4'	10-12'	2-4'	10-12'	6-8'	10-12'
				8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	10/11/2017	10/11/2017	10/11/2017	10/11/2017	10/11/2017	10/11/2017	10/11/2017	10/11/2017
VOCs																					
Acetone	85000	100000	57	<0.38	**0.0179**	<0.42	<0.54	<4.6	<0.57	<0.64	**0.0157**	<0.0037	**0.0178**	<0.0075	<0.0083	<0.0067	**0.0126**	<0.0068	<0.0086	**0.0115**	**0.0108 J**
Benzene	15	51	0.051	<0.024	<0.00026	<0.026	<0.034	<0.29	<0.036	<0.040	<0.00028	<0.00023	<0.00028	<0.00013	<0.00014	<0.00011	<0.00012	<0.00011	<0.00014	<0.00012	<0.00012
Bromobenzene	410	680	0.84	<0.027	<0.00029	<0.029	<0.038	<0.33	<0.040	<0.045	<0.00031	<0.00026	<0.00031	<0.00035	<0.00038	<0.00031	<0.00035	<0.00031	<0.00040	<0.00034	<0.00034
Bromochloromethane	210	630	0.41	<0.057	<0.00062	<0.062	<0.081	<0.69	<0.085	<0.095	<0.00065	<0.00055	<0.00065	<0.00051	<0.00056	<0.00046	<0.00051	<0.00046	<0.00058	<0.00050	<0.00050
Bromodichloromethane	4.1	13	0.43	<0.036	<0.00039	<0.039	<0.050	<0.43	<0.053	<0.059	<0.00040	<0.00034	<0.00041	<0.00029	<0.00031	<0.00025	<0.00028	<0.00026	<0.00032	<0.00028	<0.00028
Bromoform	270	860	0.42	<0.029	<0.00031	<0.031	<0.041	<0.35	<0.043	<0.048	<0.00033	<0.00027	<0.00033	<0.00037	<0.00040	<0.00033	<0.00036	<0.00033	<0.00042	<0.00036	<0.00036
Bromomethane	9.5	30	0.038	<0.095	<0.0010	<0.10	<0.14	<1.2	<0.14	<0.16	<0.0011	<0.00092	<0.0011	<0.00082	<0.00091	<0.00073	<0.00082	<0.00074	<0.00094	<0.00080	<0.00081
2-Butanone (MEK)	28000	28000	23	<0.30	<0.0033	<0.33	<0.43	<3.7	<0.45	<0.51	<0.0035	<0.0029	<0.0035	<0.0061	<0.0068	<0.0055	<0.0061	<0.0055	<0.0070	<0.0060	<0.0061
n-Butylbenzene	110	110	64	<0.017	**0.00028 J**	**0.189 J**	**0.0378 J**	<0.20	**0.179 J**	**2.92**	**0.00052 J**	**0.00041 J**	**0.00056 J**	<0.00043	<0.00047	<0.00038	<0.00042	<0.00039	<0.00049	<0.00042	<0.00042
sec-Butylbenzene	150	150	120	<0.016	<0.00017	**0.0924 J**	<0.022	<0.19	**0.0634 J**	**1.09**	**0.00035 J**	<0.00015	**0.00021 J**	<0.00027	<0.00030	<0.00024	<0.00027	<0.00025	<0.00031	<0.00026	<0.00027
tert-Butylbenzene	180	180	31	<0.035	<0.00038	<0.038	<0.050	<0.42	<0.052	<0.058	<0.00040	<0.00033	<0.00040	<0.00052	<0.00057	<0.00046	<0.00051	<0.00047	<0.00059	<0.00050	<0.00051
Carbon disulfide	740	740	4.8	<0.015	<0.00016	<0.016	<0.021	<0.18	<0.022	<0.025	<0.00017	<0.00014	<0.00017	-	-	-	-	-	-	-	-
Carbon tetrachloride	9.1	29	0.039	<0.11	<0.0012	<0.12	<0.16	<1.4	<0.17	<0.19	<0.0013	<0.0011	<0.0013	<0.00076	<0.00084	<0.00068	<0.00076	<0.00069	<0.00087	<0.00074	<0.00075
Chlorobenzene	390	760	1.4	<0.026	<0.00029	<0.029	<0.038	<0.32	<0.040	<0.044	<0.00030	<0.00025	<0.00030	<0.00034	<0.00037	<0.00030	<0.00034	<0.00031	<0.00038	<0.00033	<0.00033
Chloroethane	2100	2100	120	<0.059	<0.00064	<0.064	<0.083	<0.71	<0.088	<0.098	<0.00067	<0.00056	<0.00067	<0.0011	<0.0012	<0.00094	**0.0041 J**	<0.00096	<0.0012	<0.0010	<0.0010
Chloroform	4.5	14	0.44	<0.028	<0.00031	<0.031	<0.040	<0.34	<0.042	<0.047	<0.00032	<0.00027	<0.00032	<0.00038	<0.00042	<0.00034	<0.00038	<0.00034	<0.00043	<0.00037	<0.00037
Chloromethane	150	460	0.98	<0.12	<0.0013	<0.13	<0.17	<1.4	<0.18	<0.20	<0.0014	<0.0011	<0.0014	<0.0012	<0.0013	<0.0010	<0.0011	<0.0010	<0.0013	<0.0011	<0.0011
o-Chlorotoluene	910	910	4.7	<0.040	<0.00044	<0.044	<0.057	<0.49	<0.060	<0.067	<0.00046	<0.00038	<0.00046	<0.00033	<0.00036	<0.00029	<0.00032	<0.00029	<0.00037	<0.00032	<0.00032
p-Chlorotoluene	250	250	4.8	<0.043	<0.00047	<0.047	<0.062	<0.53	<0.065	<0.072	<0.00049	<0.00042	<0.00050	<0.00031	<0.00034	<0.00027	<0.00030	<0.00028	<0.00035	<0.00030	<0.00030
1,2-Dibromo-3-chloropropane	0.074	0.64	0.0017	<0.20	<0.0022	<0.22	<0.28	<2.4	<0.30	<0.33	<0.0023	<0.0019	<0.0023	<0.00079	<0.00087	<0.00070	<0.00078	<0.00071	<0.00090	<0.00077	<0.00078
Dibromochloromethane	120	390	0.43	<0.042	<0.00046	<0.046	<0.059	<0.51	<0.063	<0.070	<0.00048	<0.00040	<0.00048	<0.00045	<0.00049	<0.00040	<0.00044	<0.00040	<0.00051	<0.00043	<0.00044
1,2-Dibromoethane	0.5	1.6	0.00038	<0.056	<0.00061	<0.061	<0.079	<0.67	<0.083	<0.093	<0.00063	<0.00053	<0.00064	<0.00029	<0.00032	<0.00026	<0.00029	<0.00026	<0.00033	<0.00028	<0.00028
1,2-Dichlorobenzene	380	380	12	<0.020	<0.00022	<0.022	<0.029	<0.25	<0.031	<0.034	**0.00051 J**	<0.00020	<0.00023	<0.00061	<0.00067	<0.00054	<0.00060	<0.00055	<0.00069	<0.00059	<0.00060
1,3-Dichlorobenzene	NA	NA	NA	<0.022	<0.00024	<0.024	<0.031	<0.27	<0.033	<0.036	<0.00025	<0.00021	<0.00025	<0.00034	<0.00037	<0.00030	<0.00033	<0.00030	<0.00038	<0.00033	<0.00033
1,4-Dichlorobenzene	36	110	1.4	<0.020	<0.00022	<0.022	<0.028	<0.24	<0.030	<0.033	**0.00052 J**	**0.00045 J**	<0.00023	<0.00056	<0.00062	<0.00050	<0.00056	<0.00051	<0.00064	<0.00055	<0.00056
Dichlorodifluoromethane	120	370	6	<0.11	<0.0012	<0.12	<0.16	<1.3	<0.16	<0.18	<0.0012	<0.0010	<0.0013	<0.00071	<0.00079	<0.00064	<0.00071	<0.00064	<0.00081	<0.00069	<0.00071
1,1-Dichloroethane	50	160	0.16	<0.033	<0.00036	<0.036	<0.046	<0.40	<0.049	<0.054	<0.00037	<0.00031	<0.00037	<0.00030	<0.00033	<0.00027	<0.00030	<0.00027	<0.00035	<0.00030	<0.00030
1,2-Dichloroethane	6.4	20	0.028	<0.053	<0.00058	<0.058	<0.076	<0.65	<0.080	<0.089	<0.00061	<0.00051	<0.00061	<0.00021	<0.00023	<0.00019	<0.00021	<0.00019	<0.00024	<0.00021	<0.00021
1,1-Dichloroethene	320	1000	0.05	<0.051	<0.00056	<0.056	<0.073	<0.62	<0.077	<0.085	<0.00058	<0.00049	<0.00059	<0.00083	<0.00091	<0.00074	**0.0025**	<0.00075	<0.00094	<0.00081	<0.00082
cis-1,2-Dichloroethene	220	2300	0.41	<0.050	**0.0029**	**5.95**	**0.0940 J**	**7.53**	<0.075	**0.154 J**	**0.0384**	<0.00048	**0.0081**	<0.00047	<0.00052	<0.00042	**0.218**	<0.00043	<0.00054	<0.00046	<0.00047
trans-1,2-Dichloroethene	1900	1900	0.62	<0.044	<0.00048	<0.048	<0.062	<0.53	<0.065	<0.073	<0.00050	<0.00042	**0.0011 J**	<0.00069	<0.00076	<0.00061	<0.00068	<0.00062	<0.00078	<0.00067	<0.00068
1,2-Dichloropropane	22	66	0.033	<0.041	<0.00045	<0.045	<0.059	<0.50	<0.062	<0.069	<0.00047	<0.00040	<0.00047	<0.00047	<0.00051	<0.00042	<0.00046	<0.00042	<0.00053	<0.00045	<0.00046
1,3-Dichloropropane	1500	1500	2.6	<0.044	<0.00048	<0.048	<0.062	<0.53	<0.065	<0.073	<0.00050	<0.00042	<0.00050	<0.00030	<0.00033	<0.00027	<0.00030	<0.00027	<0.00035	<0.00030	<0.00030
2,2-Dichloropropane	NA	NA	NA	<0.064	<0.00070	<0.070	<0.091	<0.78	<0.097	<0.11	<0.00073	<0.00062	<0.00074	<0.00048	<0.00053	<0.00043	<0.00048	<0.00043	<0.00055	<0.00047	<0.00047
1,1-Dichloropropene	NA	NA	NA	<0.023	<0.00025	<0.025	<0.032	<0.28	<0.034	<0.038	<0.00026	<0.00022	<0.00026	<0.00061	<0.00067	<0.00055	<0.00061	<0.00055	<0.00070	<0.00059	<0.00060
cis-1,3-Dichloropropene	NA	NA	NA	<0.028	<0.00031	<0.031	<0.040	<0.34	<0.042	<0.047	<0.00032	<0.00027	<0.00032	<0.00045	<0.00050	<0.00040	<0.00045	<0.00041	<0.00051	<0.00044	<0.00045
trans-1,3-Dichloropropene	NA	NA	NA	<0.029	<0.00031	<0.031	<0.041	<0.35	<0.043	<0.048	<0.00033	<0.00027	<0.00033	<0.00028	<0.00031	<0.00025	<0.00028	<0.00025	<0.00032	<0.00027	<0.00027
Ethylbenzene	81	250	16	<0.017	<0.00019	**0.827**	**0.207 J**	<0.21	**1.21**	<0.029	<0.00020	<0.00017	<0.00020	<0.00034	<0.00037	<0.00030	<0.00034	<0.00031	<0.00039	<0.00033	<0.00034
Hexachlorobutadiene	17	17	0.054	<0.056	<0.00061	<0.061	<0.079	<0.68	<0.083	<0.093	**0.00081 J**	<0.00053	<0.00064	<0.00061	<0.00067	<0.00054	<0.00060	<0.00055	<0.00069	<0.00059	<0.00060
2-Hexanone	280	1300	0.18	<0.24	<0.0026	<0.26	<0.34	<2.9	<0.36	<0.40	<0.0027	<0.0023	<0.0027	-	-	-	-	-	-	-	-
Iodomethane	NA	NA	NA	<0.037	<0.00040	<0.040	<0.052	<0.45	<0.055	<0.062	<0.00042	<0.00035	<0.00042	-	-	-	-	-	-	-	-
Isopropylbenzene	270	270	15	<0.027	<0.00030	**0.491 J**	**0.0554 J**	<0.33	<0.041	**0.253 J**	<0.00031	<0.00026	<0.00031	<0.00029	<0.00032	<0.00026	<0.00029	<0.00026	<0.00033	<0.00028	<0.00029
p-Isopropyltoluene	NA	NA	NA	<0.016	<0.00017	**0.0918 J**	<0.022	<0.19	**0.0324 J**	**1.9**	**0.00042 J**	**0.00030 J**	<0.00018	<0.00030	<0.00033	<0.00027	<0.00030	<0.00027	<0.00034	<0.00029	<0.00030
Methyl Tert Butyl Ether	660	2100	0.63	<0.039	<0.00042	<0.042	<0.055	<0.47	<0.058	<0.065	<0.00044	<0.00037	<0.00045	<0.00050	<0.00055	<0.00045	<0.00050	<0.00045	<0.00057	<0.00049	<0.00050
4-Methyl-2-pentanone (MIBK)	3400	3400	28	<0.18	<0.0020	<0.20	<0.26	<2.2	<0.27	<0.30	<0.0021	<0.0017	<0.0021	<0.0021	<0.0023	<0.0019	<0.0021	<0.0019	<0.0024	<0.0021	<0.0021
Methylene bromide	34	99	0.041	<0.034	<0.00037	<0.037	<0.049	<0.42	<0.051	<0.057	<0.00039	<0.00033	<0.00039	<0.00043	<0.00047	<0.00038	<0.00043	<0.00039	<0.00049	<0.00042	<0.00042
Methylene chloride	490	3200	0.025	<0.15	<0.0017	<0.17	<0.21	<1.8	<0.23	<0.25	<0.0017	**0.0026**	<0.0017	<0.0029	<0.0032	<0.0026	<0.0029	<0.0027	<0.0033	<0.0029	<0.0029
Naphthalene	53	170	0.11	<0.077	<0.00084	**1.55**	**0.231 J**	<0.94	**0.235 J**	**1.02**	<0.00088	<0.00074	<0.00088	<0.0023	<0.0026	<0.0021	<0.0023	<0.0021	<0.0027	<0.0023	<0.0023
n-Propylbenzene	260	260	25	<0.024	<0.00026	**1.29**	**0.0955 J**	<0.29	**0.136 J**	**0.677 J**	<0.00027	<0.00023	<0.00027	<0.00027	<0.00030	<0.00024	<0.00027	<0.00024	<0.00031	<0.00026	<0.00027
Styrene	870	870	2.2	<0.020	<0.00022	<0.022	<0.029	<0.24	<0.030	<0.034	<0.00023	<0.00019	<0.00023	<0.00058	<0.00064	<0.00052	<0.00058	<0.00053	<0.00066	<0.00057	<0.00058
1,1,1,2-Tetrachloroethane	28	88	0.043	<0.038	<0.00041	<0.041	<0.054	<0.46	<0.057	<0.063	<0.00043	<0.00036	<0.00043	<0.00030	<0.00033	<0.00027	<0.00030	<0.00027	<0.00035	<0.00030	<0.00030
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	<0.029	<0.00032	<0.032	<0.041	<0.35	<0.043	<0.048	<0.00033	<0.00028	<0.00033	<0.00030	<0.00033	<0.00027	<0.00030	<0.00027	<0.00034	<0.00029	<0.00029
Tetrachloroethene	110	170	0.045	**1.43**	<0.00047	<0.047	<0.062	<0.53	<0.065	**3.87**	<0.00049	**0.0024**	<0.00050	<0.00075	<0.00082	**20.1**	**10.9**	<0.00068	<0.00085	<0.00073	<0.00074
Toluene	820	820	14	<0.024	**0.00033 J**	**0.0642 J**	<0.034	<0.29	**0.0413 J**	<0.040	**0.00057 J**	**0.00033 J**	**0.00052 J**	<0.00064	<0.00071	<0.00057	<0.00064	<0.00058	<0.00073	<0.00062	<0.00063
1,2,3-Trichlorobenzene	88	930	0.42	<0.042	<0.00046	<0.046	<0.060	<0.51	<0.063	<0.071	<0.00048	<0.00041	<0.00048	<0.0012	<0.0013	<0.0010	<0.0012	<0.0011	<0.0013	<0.0011	<0.0012
1,2,4-Trichlorobenzene	81	260	4.1	<0.035	<0.00039	<0.039	<0.050	<0.43	<0.053	<0.059	**0.0034 J**	<0.00034	<0.00041	<0.0012	<0.0013	<0.0010	<0.0012	<0.0011	<0.0013	<0.0011	<0.0012
1,1,1-Trichloroethane	640	640	1.4	<0.018	<0.00019	<0.019	<0.025	<0.21	<0.026	<0.029	<0.00020	<0.00017	<0.00020	<0.00068	<0.00075	<0.00061	<0.00068	<0.00062	<0.00078	<0.00066	<0.00067
1,1,2-Trichloroethane	2.1	6.3	0.032	<0.034	<0.00037	<0.037	<0.048	<0.41	<0.051	<0.057	<0.00039	<0.00033	<0.00039	<0.00049	<0.00054	<0.00044	<0.00049	<0.00045	<0.00056	<0.00048	<0.00049
Trichloroethene	5.7	19	0.036	**0.118 J**	**0.0158**	<0.051	<0.066	**287**	<0.070	<0.077	**0.0032**	**0.00095 J**	**0.0010 J**	<0.00064	<0.00071	**0.0013**	**0.229**	<0.00058	<0.00073	**0.00076 J**	<0.00063
Trichlorofluoromethane	1200	1200	66	<0.10	<0.0011	<0.11	<0.15	<1.2	<0.15	<0.17	<0.0012	<0.00099	<0.0012	<0.00056	<0.00062	<0.00050	<0.00056	<0.00051	<0.00064	<0.00055	<0.00056
1,2,3-Trichloropropane	1	3.1	0.0061	<0.038	<0.00041	<0.041	<0.054	<0.46	<0.057	<0.063	<0.00043	<0.00036	<0.00043	<0.00061	<0.00068	<0.00055	<0.00061	<0.00055	<0.00070	<0.00060	<0.00061
1,2,4-Trimethylbenzene	220	220	1.6	**0.0261 J**	<0.00022	**4.68**	**0.400 J**	<0.24	**0.453 J**	**0.653 J**	**0.00031 J**	**0.00036 J**	**0.00034 J**	<0.0012	<0.0013	<0.0010	<0.0012	<0.0011	<0.0013	<0.0011	<0.0012
1,3,5-Trimethylbenzene	180	180	1.7	<0.013	<0.00014	**1.68**	**0.143 J**	<0.15	**0.186 J**	**2.01**	**0.00021 J**	<0.00012	<0.00015	<0.0012	<0.0013	<0.0010	<0.0012	<0.0011	<0.0013	<0.0011	<0.0012
Vinyl Acetate	1300	2800	1.7	<0.12	<0.0013	<0.13	<0.17	<1.5	<0.18	<0.20	<0.0014	<0.0012	<0.0014	-	-	-	-	-	-	-	-
Vinyl chloride	0.83	17	0.014	<0.056	**0.0019 J**	**0.362**	<0.079	<0.68	<0.084	<0.093	**0.0628**	<0.00054	<0.00064	<0.00090	<0.00099	<0.00080	**0.0277**	<0.00081	<0.0010	<0.00087	<0.00089
m,p-Xylene	390	390	3.7	<0.028	<0.00031	**0.424**	**3.45**	<0.34	**0.417**	<0.047	**0.00034 J**	<0.00027	<0.00032	<0.00064	<0.00071	<0.00057	<0.00064	<0.00058	<0.00073	<0.00063	<0.00064
o-Xylene	430	430	3.7	<0.020	<0.00022	**0.0780 J**	<0.028	<0.24	**0.134 J**	<0.033	<0.00023	<0.00019	<0.00023	<0.00029	<0.00032	<0.00026	<0.00029	<0.00027	<0.00034	<0.00029	<0.00029
Xylene (total)	260	260	200	<0.020	<0.00022	**0.502**	**3.45**	<0.24	**0.551**	<0.033	**0.00034 J**	<0.00019	<0.00023	<0.00029	<0.00032	<0.00026	<0.00029	<0.00027	<0.00034	<0.00029	<0.00029

Results in milligrams per kilogram (mg/kg)
RCG = Remediation Closure Guide
Bold Font Indicates Detected Analyte; Shaded Cell Indicates Screening Level Exceedance
NA = Not Available; - = Not Analyzed
See Explanation Page for Laboratory Flags

Table 10
Results of the Analysis of Soil From AOC-1
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			P-14		P-15		P-16		P-17		P-18		P-22		P-23		P-24		P-25	
	Residential Direct Contact	Industrial Direct Contact	Migration to Groundwater	4.5-5'	15-16'	3.5-4'	15-16'	1.5-2'	15-16'	0.5-1'	15-16'	2-4'	15-16'	2-4'	10-12'	2-4'	10-12'	2-4'	10-12'	6-8'	10-12'
				8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	8/1/2013	10/11/2017	10/11/2017	10/11/2017	10/11/2017	10/11/2017	10/11/2017	10/11/2017	10/11/2017
PAHs																					
Acenaphthene	5000	45000	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	25000	100000	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	15	210	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1.5	21	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	15	210	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	150	2100	590	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1500	21000	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	1.5	21	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	3400	30000	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	3400	30000	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	15	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	340	3000	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	53	170	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	2500	23000	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs																					
Aroclor 1016	5.7	51	2.7	<0.015	<0.019	<0.018	<0.020	<0.018	<0.020	<0.019	<0.019	<0.019	<0.019	<0.016	<0.017	<0.015	<0.016	<0.016	<0.017	<0.015	<0.016
Aroclor 1221	2.8	8.3	0.016	<0.020	<0.025	<0.024	<0.026	<0.023	<0.026	<0.025	<0.024	<0.025	<0.025	<0.016	<0.018	<0.015	<0.017	<0.017	<0.017	<0.015	<0.017
Aroclor 1232	2.4	7.2	0.016	<0.016	<0.020	<0.019	<0.021	<0.018	<0.020	<0.019	<0.019	<0.020	<0.020	<0.011	<0.012	<0.010	<0.011	<0.011	<0.011	<0.010	<0.011
Aroclor 1242	3.2	9.5	0.24	<0.017	<0.021	<0.020	<0.022	<0.019	<0.022	<0.021	<0.020	<0.021	<0.021	<0.0064	<0.0069	<0.0060	<0.0065	<0.0064	<0.0068	<0.0059	<0.0065
Aroclor 1248	3.2	9.5	0.24	<0.015	<0.019	<0.018	<0.019	<0.017	<0.019	<0.018	<0.018	<0.019	<0.018	<0.024	<0.025	<0.022	<0.024	<0.024	<0.025	<0.022	<0.024
Aroclor 1254	1.7	9.7	0.41	<0.024	<0.031	**0.212**	<0.032	**0.865**	<0.032	**0.0332 J**	<0.030	<0.031	<0.031	<0.0099	<0.011	<0.0093	<0.010	<0.010	<0.010	<0.0092	<0.010
Aroclor 1260	3.4	9.9	1.1	<0.017	<0.021	<0.021	<0.022	<0.020	<0.022	<0.021	<0.021	<0.022	<0.021	<0.013	<0.014	<0.012	<0.013	<0.013	<0.013	**0.129**	<0.013
Metals																					
Arsenic	9.5	30	5.9	**8.1**	**3.7**	**11.3**	**10.5**	**12.1**	**10.9**	**8.5**	**7.5**	**13**	**12.3**	-	-	-	-	-	-	-	-
Barium	21000	100000	1700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	99	980	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	NA	NA	1000000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	400	800	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	3.1	3.1	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	550	5800	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	550	5800	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Results in milligrams per kilogram (mg/kg)
RCG = Remediation Closure Guide
Bold Font Indicates Detected Analyte; Shaded Cell Indicates Screening Level Exceedance
NA = Not Available; - = Not Analyzed
See Explanation Page for Laboratory Flags

Table 11
Results of the Analysis of Groundwater From AOC-1
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	RCG Tap Water Screening Level	Residential Vapor Intrusion	Industrial Vapor Intrusion	MW-1				MW-2				MW-3				MW-4				P-13	P-15	P-17	P-18	P-19	P-20
				11/3/2011	8/1/2013	8/10/2017	11/15/2018	11/3/2011	8/1/2013	8/10/2017	11/15/2018	11/3/2011	8/1/2013	8/10/2017	11/15/2018	11/3/2011	8/1/2013	8/10/2017	11/15/2018	8/1/2013	8/1/2013	8/1/2013	8/1/2013	6/27/2017	6/27/2017
VOCs																									
Acetone	1400	NA	NA	<5.0	<10	<10	<10	<5.0	<10	<10	<10	<5.0	<10	<10	<10	<5.0	<10	<10	<10	<10	<10	<20	<10	<10	<10
Benzene	5	28	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**17.4**	**12.5**	**20.6**	**16.1**	<0.50	<0.50	**0.32 J**	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
Bromobenzene	62	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<1.0	<1.0
Bromochloromethane	83	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<1.0	<1.0
Bromodichloromethane	80	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
Bromoform	80	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [a]	<2.0 [a]	<1.0 [a]	<1.0	<1.0
Bromomethane	7.5	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 [a]	<4.0 [a]	<2.0 [a]	<2.0	<2.0
2-Butanone (MEK)	5600	NA	NA	<5.0	<5.0	<10	<10	<5.0	<5.0	<10	<10	<5.0	<5.0	<10	<10	<5.0	<5.0	<10	<10	<5.0	<5.0	<10	<5.0	<10	<10
n-Butylbenzene	1000	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	**1.3 J**	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<10	<5.0	<2.0	<2.0
sec-Butylbenzene	2000	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	**0.76 J**	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	**1.3 J**	<10	<5.0	<2.0	<2.0
tert-Butylbenzene	690	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<10	<5.0	<2.0	<2.0
Carbon disulfide	810	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5.0	<5.0	<10	<5.0	-	-
Carbon tetrachloride	5	6.5	28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
Chlorobenzene	100	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.97 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
Chloroethane	21000	NA	NA	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	**4.1**	**3.9**	**6.1**	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<4.0	<2.0	<1.0	<1.0
Chloroform	80	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
Chloromethane	190	NA	NA	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<4.0	<2.0	<1.0	<1.0
o-Chlorotoluene	240	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<10	<5.0	<2.0	<2.0
p-Chlorotoluene	250	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<10	<5.0	<2.0	<2.0
1,2-Dibromo-3-chloropropane	0.2	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<10	<5.0	<2.0	<2.0
Dibromochloromethane	80	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
1,2-Dibromoethane	0.05	NA	NA	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<4.0	<2.0	<1.0	<1.0
1,2-Dichlorobenzene	600	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	75	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [a]	<2.0 [a]	<1.0 [a]	<1.0	<1.0
Dichlorodifluoromethane	200	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	28	130	550	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.5**	**1.1**	**1.7**	**1.3**	<1.0	**0.84 J**	**0.38 J**	<1.0	<1.0	<1.0	<2.0	**2**	<1.0	<1.0
1,2-Dichloroethane	5	50	210	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	300	1300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	NA	NA	**5.3**	**4.4**	**0.54 J**	**0.74 J**	**4.6**	**2.3**	**2.3**	**1.4**	**5.3**	<1.0	<1.0	**1.3**	**162**	**148**	**46.1**	**94.6**	<1.0	**59.4**	**469**	**5.1**	<1.0	<1.0
trans-1,2-Dichloroethene	100	NA	NA	<1.0	<1.0	**0.46 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	**0.43 J**	**1.2**	<1.0	<1.0	**4.1**	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	NA	NA	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<4.0	<2.0	<1.0	<1.0
1,3-Dichloropropane	370	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<1.0	<1.0
2,2-Dichloropropane	NA	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0 [a]	<10 [a]	<5.0 [a]	<1.0	<1.0
1,1-Dichloropropene	NA	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<1.0	<1.0
cis-1,3-Dichloropropene	NA	NA	NA	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0
trans-1,3-Dichloropropene	NA	NA	NA	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0
Ethylbenzene	700	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**444**	**55.4**	**245**	**80.5**	**2.2**	<1.0	<1.0	<1.0	<1.0	**79.5**	<2.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	1.4	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<10	<5.0	<2.0	<2.0
2-Hexanone	38	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5.0	<5.0	<10	<5.0	-	-
Iodomethane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5.0	<5.0 [a]	<10 [a]	<5.0 [a]	-	-
Isopropylbenzene	450	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	**13.9**	**3.8 J**	**9.9**	**4.6**	<5.0	<5.0	<1.0	<1.0	<5.0	**12**	<10	<5.0	<1.0	<1.0
p-Isopropyltoluene	NA	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	**0.41 J**	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	**1.0 J**	<10	<5.0	<2.0	<2.0
Methyl Tert Butyl Ether	140	NA	NA	<1.0	<1.0	**0.54 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.4**	**1**	**0.54 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [a]	<2.0 [a]	<1.0 [a]	<1.0	<1.0
4-Methyl-2-pentanone (MIBK)	6300	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
Methylene bromide	8.3	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<1.0	<1.0
Methylene chloride	5	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.0
Naphthalene	1.7	110	460	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**5.6**	<5.0	**7**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 [a]	**23.7** [a]	<10 [a]	<5.0 [a]	<5.0	<5.0
n-Propylbenzene	660	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	**12**	**3.1 J**	**10.7**	**4.5**	<5.0	<5.0	<2.0	<2.0	<5.0	**18.5**	<10	<5.0	<2.0	<2.0
Styrene	100	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	5.7	NA	NA	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	0.76	72	310	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0
Tetrachloroethene	5	110	470	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [a]	**4.4** [a]	<1.0 [a]	<1.0	<1.0
Toluene	1000	NA	NA	**0.61 J**	**0.49 J**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**7.4**	**1.6**	**7.3**	**2.6**	<1.0	<1.0	<1.0	<1.0	**0.73 J**	**2.8**	<2.0	**0.62 J**	<1.0	<1.0
1,2,3-Trichlorobenzene	7	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0 [a]	<10 [a]	<5.0 [a]	<1.0	<1.0
1,2,4-Trichlorobenzene	70	NA	NA	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0 [a]	<10 [a]	<5.0 [a]	<1.0	<1.0
1,1,1-Trichloroethane	200	13000	54000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	11	46	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0
Trichloroethene	5	9.1	38	<1.0	<1.0	<1.0	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3**	**1.1**	**0.29 J**	**1.4**	**9.9**	**15.2**	**147**	**1.5**	<1.0	<1.0
Trichlorofluoromethane	5200	NA	NA	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0
1,2,3-Trichloropropane	0.0075	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0 [a]	<10 [a]	<5.0 [a]	<2.0	<2.0
1,2,4-Trimethylbenzene	56	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	**91.4**	**17.3**	**56.8**	**21.1**	<5.0	<5.0	<2.0	<2.0	<5.0	**60**	<10	<5.0	<2.0	<2.0
1,3,5-Trimethylbenzene	60	NA	NA	<5.0	<5.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	**23.5**	**5**	**15.4**	**5.5**	<5.0	<5.0	<2.0	<2.0	<5.0	**26.3**	<10	<5.0	<2.0	<2.0
Vinyl Acetate	410	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5.0 [b]	<5.0 [b]	<10 [b]	<5.0 [b]	-	-
Vinyl chloride	2	2.1	35	<1.0	**1.3**	<1.0	<1.0	**14.7**	**4**	**1.7**	**3.5**	**2.1**	<1.0	<1.0	<1.0	**27**	**14.7**	**1.5**	**2**	<1.0	**16.5**	**22.2**	**3.5**	<1.0	<1.0
m,p-Xylene	190	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1280**	**190**	**509**	**151**	<1.0	<1.0	<1.0	<1.0	<1.0	**154**	<2.0	<1.0	<1.0	<1.0
o-Xylene	190	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**235**	**25**	**117**	**28.6**	<1.0	<1.0	<1.0	<1.0	<1.0	**13.9**	<2.0	<1.0	<1.0	<1.0
Xylene (total)	10000	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1410**	**215**	**626**	**180**	<1.0	<1.0	<1.0	<1.0	<1.0	**168**	<2.0	<1.0	<1.0	<1.0

Results in micrograms per liter
2018 Remediation Clousure Guide Screening Levels
Bold Font Indicates Detected Analyte; Shaded Cell Indicates Screening Level Exceedance
NA = Not Available, - = Not Analyzed
See Explanation Page for Laboratory Flags

Table 11
Results of the Analysis of Groundwater From AOC-1
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	RCG Tap Water Screening Level	Residential Vapor Intrusion	Industrial Vapor Intrusion	MW-1				MW-2				MW-3				MW-4				P-13	P-15	P-17	P-18	P-19	P-20
				11/3/2011	8/1/2013	8/10/2017	11/15/2018	11/3/2011	8/1/2013	8/10/2017	11/15/2018	11/3/2011	8/1/2013	8/10/2017	11/15/2018	11/3/2011	8/1/2013	8/10/2017	11/15/2018	8/1/2013	8/1/2013	8/1/2013	8/1/2013	6/27/2017	6/27/2017
PCBs																									
Aroclor 1016	1.4	NA	NA	<0.18	<0.070	<0.13	-	<0.17	<0.069	<0.13	-	<0.17	<0.069	<0.13	-	<0.18	<0.070	<0.52	-	<0.33	<0.29	<0.25	<0.25	<0.33	<0.33
Aroclor 1221	0.047	NA	NA	<0.16	<0.074	<0.28	-	<0.15	<0.073	<0.28	-	<0.15	<0.072	<0.28	-	<0.16	<0.074	<0.52	-	<0.33	<0.29	<0.25	<0.25	<0.32	<0.32
Aroclor 1232	0.047	NA	NA	<0.18	<0.17	<0.17	-	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	-	<0.18	<0.17	<.052	-	<0.33	<0.29	<0.25	<0.25	<0.16	<0.16
Aroclor 1242	0.078	NA	NA	<0.095	<0.10	<0.15	-	<0.092	<0.10	<0.15	-	<0.090	<0.10	<0.15	-	<0.096	<0.10	<0.52	-	<0.33	<0.29	<0.25	<0.25	<0.24	<0.24
Aroclor 1248	0.078	NA	NA	<0.24	<0.15	<0.084	-	<0.23	<0.15	<0.084	-	<0.22	<0.15	<0.084	-	<0.24	<0.15	<0.52	-	<0.33	<0.29	<0.25	<0.25	<0.15	<0.15
Aroclor 1254	0.078	NA	NA	<0.14	<0.074	<0.28	-	<0.14	<0.074	<0.28	-	<0.14	**0.10 J**	<0.28	-	**0.15 J**	<0.074	**0.96**	-	<0.33	**7.6**	<0.25	<0.25	<0.17	<0.17
Aroclor 1260	0.078	NA	NA	<0.19	<0.064	<0.10	-	<0.18	<0.063	<0.10	-	<0.18	<0.062	<0.10	-	<0.19	<0.064	<0.52	-	<0.33	<0.29	<0.25	<0.25	<0.14	<0.14
Metals																									
Arsenic	10	NA	NA	**53.1**	**79.2**	-	-	**8.7**	**11**	-	-	**108**	**128**	-	-	**3.1 J**	**31.7**	-	-	**323**	**332**	**56.6**	**255**	-	-

Results in micrograms per liter
2018 Remediation Clousure Guide Screening Levels
Bold Font Indicates Detected Analyte; Shaded Cell Indicates Screening Level Exceedance
NA = Not Available, - = Not Analyzed
See Explanation Page for Laboratory Flags

Table 12
Site-Wide Soil Analytical Data ("AB" Boring Series)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AB-1		AB-2		AB-3			AB-4		AB-5		AB-6		AB-7		AB-8		AB-9		AB-10		AB-11	
	Direct Contact		MTG																							
	Res.	Industrial		8-10'	14-16'	8-10'	14-16'	8-10'	14-16'	22-24'	1-3'	7-9'	8-10'	12-13'	8-10'	15-17'	2-4'	28-30'	8-10'	14-16'	4-6'	24-26'	2-4'	17-19'	4-6'	16-18'
				7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/31/2013	7/31/2013	7/29/2013	7/29/2013	7/31/2013	7/31/2013	7/30/2013	7/30/2013	7/31/2013	7/31/2013
Volatile Organic Compounds																										
Acetone	85000	100000	57	<0.0090 [e]	<0.011 [e]	<0.010 [e]	<0.0097 [e]	<1.1	**0.0081 J** [e]	<1.2	<0.011	<0.011	<0.011 [e]	<0.011 [e]	<0.012 [e]	<0.011 [e]	**0.374** [f]	**0.0153** [f]	<1.2	<0.0062	**0.0167** [f]	<0.014	**0.0058 J** [f]	<0.011	<0.011	<0.011
Benzene	17	51	0.051	<0.00045	<0.00056	<0.00051	<0.00048	<0.053	**0.00027 J**	<0.059	<0.00056	<0.00053	<0.00055	<0.00056	**0.00038 J**	<0.00056	<0.00061	<0.00072	<0.058	<0.00031	<0.00050	<0.00069	<0.00060	<0.00056	<0.00053	<0.00056
Bromobenzene	410	680	0.84	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Bromochloromethane	210	630	0.41	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Bromodichloromethane	4.1	13	0.43	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Bromoform	940	2900	0.42	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Bromomethane	9.5	30	0.038	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
2-Butanone (MEK)	28000	28000	23	<0.0045 [a]	<0.0056 [a]	<0.0051 [a]	<0.0048 [a]	<0.53	<0.0047 [a]	<0.59	<0.0056	<0.0053	<0.0055 [a]	<0.0056 [a]	<0.0058 [a]	<0.0056 [a]	**0.0328**	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
n-Butylbenzene	110	110	64	<0.0045	<0.0056	<0.0051	<0.0048	**1.41**	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
sec-Butylbenzene	150	150	120	<0.0045	<0.0056	<0.0051	<0.0048	**0.431 J**	**0.00055 J**	<0.59	**0.00024 J**	**0.00029 J**	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	**0.00014 J**	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
tert-Butylbenzene	180	180	31	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Carbon disulfide	740	740	4.8	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	**0.00032 J**	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	**0.0159**	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Carbon tetrachloride	9.1	29	0.039	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Chlorobenzene	390	760	1.4	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	**0.0011 J**	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Chloroethane	2100	2100	120	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Chloroform	4.5	14	0.44	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	**0.00021 J**	<0.0020	<0.0027	**0.0012 J**	<0.0022	<0.0021	<0.0022
Chloromethane	150	460	0.98	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
o-Chlorotoluene	910	910	4.7	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
p-Chlorotoluene	250	250	4.8	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
1,2-Dibromo-3-chloropropane	0.074	0.64	0.0017	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Dibromochloromethane	10	32	0.43	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,2-Dibromoethane	0.5	1.6	0.00028	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,2-Dichlorobenzene	380	380	12	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,3-Dichlorobenzene	NA	NA	NA	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,4-Dichlorobenzene	36	110	1.4	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	**0.00040 J**	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	**0.00027 J**	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Dichlorodifluoromethane	120	370	6	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,1-Dichloroethane	50	160	0.15	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,2-Dichloroethane	6.4	20	0.028	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,1-Dichloroethene	320	1000	0.05	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
cis-1,2-Dichloroethene	220	2300	0.41	<0.0018	**0.00064 J**	**0.00074 J**	**0.00071 J**	<0.21	**0.00062 J**	**1.56**	**0.00078 J**	**0.0527**	<0.0022	**0.00061 J**	<0.0023	<0.0022	**0.0069**	**0.0059**	**0.812**	**0.0523**	**0.0564**	<0.0027	**0.0015 J**	<0.0022	<0.0021	<0.0022
trans-1,2-Dichloroethene	1700	1700	0.59	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	**0.00050 J**	<0.23	<0.0022	**0.0024**	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	**0.0011 J**	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,2-Dichloropropane	14	44	0.033	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,3-Dichloropropane	1500	1500	2.6	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
2,2-Dichloropropane	NA	NA	NA	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056 [b]	<0.0053	<0.0056
1,1-Dichloropropene	NA	NA	NA	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
cis-1,3-Dichloropropene	NA	NA	NA	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
trans-1,3-Dichloropropene	NA	NA	NA	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Ethylbenzene	81	250	16	<0.0018	<0.0022	<0.0020	**0.00040 J**	**5.32**	**0.00033 J**	<0.23	**0.00079 J**	**0.00047 J**	**0.00036 J**	**0.00033 J**	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	**0.00031 J**	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Hexachlorobutadiene	87	300	0.12	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
2-Hexanone	280	1300	0.18	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	**0.0862**	**0.0147**	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Iodomethane	NA	NA	NA	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Isopropylbenzene	270	270	15	<0.0045	<0.0056	<0.0051	<0.0048	**0.975**	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
p-Isopropyltoluene	NA	NA	NA	<0.0045	<0.0056	<0.0051	<0.0048	**0.318 J**	**0.00091 J**	<0.59	**0.00033 J**	**0.00045 J**	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	**0.00025 J**	**0.00086 J**	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Methyl Tert Butyl Ether	660	2100	0.63	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
4-Methyl-2-pentanone (MIBK)	3400	3400	5.4	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	**0.0276**	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Methylene bromide	32	98	0.039	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Methylene chloride	490	3200	0.025	<0.0018	<0.0022	<0.0020	**0.0059**	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Naphthalene	53	170	0.11	<0.0045	<0.0056	<0.0051	<0.0048	**0.568**	**0.0022 J**	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
n-Propylbenzene	260	260	25	<0.0045	<0.0056	<0.0051	<0.0048	**4.03**	<0.0047	<0.59	**0.00072 J**	**0.00074 J**	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	**0.00026 J**	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Styrene	870	870	2.2	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
1,1,1,2-Tetrachloroethane	28	88	0.043	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Tetrachloroethene	110	170	0.045	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	**0.0016 J**	<0.0023	**0.00066 J**	<0.0024	**0.05**	<0.23	<0.0012	<0.0020	**0.0024 J**	<0.0024	<0.0022	<0.0021	<0.0022
Toluene	820	820	14	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	**0.0015 J**	**0.00035 J**	<0.0055	<0.0056	<0.0058	<0.0056	**0.00063 J**	**0.00053 J**	**0.0320 J**	**0.00069 J**	**0.00052 J**	<0.0069	**0.00043 J**	<0.0056	<0.0053	<0.0056
1,2,3-Trichlorobenzene	69	660	0.42	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
1,2,4-Trichlorobenzene	81	260	4.1	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
1,1,1-Trichloroethane	640	640	1.4	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,1,2-Trichloroethane	2.1	6.3	0.032	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	**0.0032**	<0.0022	<0.0021	<0.0022
Trichloroethene	5.7	19	0.036	<0.0018	**0.0091**	**0.0028**	**0.0093**	<0.21	<0.0019	**1.98**	**0.0237**	**0.0066**	**0.0013 J**	**0.0123**	**0.00084 J**	**0.0012 J**	**0.0027**	**0.219**	**0.0578 J**	**0.111**	**0.0032**	**0.06**	**0.091**	<0.0022	**0.0010 J**	<0.0022
Trichlorofluoromethane	1000	1200	14	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	<0.0019	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
1,2,3-Trichloropropane	0.071	1.1	0.000065	<0.0045	<0.0056	<0.0051	<0.0048	<0.53	<0.0047	<0.59	<0.0056	<0.0053	<0.0055	<0.0056	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
1,2,4-Trimethylbenzene	81	220	0.44	**0.00074 J**	**0.00094 J**	**0.00095 J**	**0.0016 J**	**18.3**	**0.0113**	<0.59	**0.0047 J**	**0.0048 J**	**0.0016 J**	**0.0013 J**	**0.00088 J**	**0.00073 J**	**0.00035 J**	<0.0072	<0.58	**0.0014 J**	<0.0050	<0.0069	<0.0060	**0.00030 J**	<0.0053	<0.0056
1,3,5-Trimethylbenzene	180	180	3.4	<0.0045	**0.00028 J**	**0.00030 J**	**0.00050 J**	**5.47**	**0.0021 J**	<0.59	**0.0014 J**	**0.0015 J**	**0.00046 J**	**0.00031 J**	<0.0058	<0.0056	<0.0061	<0.0072	<0.58	**0.00055 J**	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Vinyl Acetate	1300	2800	1.7	<0.0045 [d]	<0.0056 [d]	<0.0051 [d]	<0.0048 [d]	<0.53 [d]	<0.0047 [d]	<0.59 [d]	<0.0056	<0.0053	<0.0055 [d]	<0.0056 [d]	<0.0058 [d]	<0.0056 [d]	<0.0061	<0.0072	<0.58	<0.0031	<0.0050	<0.0069	<0.0060	<0.0056	<0.0053	<0.0056
Vinyl chloride	0.83	17	0.014	<0.0018	<0.0022	<0.0020	<0.0019	<0.21	**0.0094**	<0.23	<0.0022	<0.0021	<0.0022	<0.0023	<0.0023	<0.0022	<0.0024	<0.0029	<0.23	<0.0012	<0.0020	<0.0027	<0.0024	**0.0011 J**	<0.0021	<0.0022
m,p-Xylene	390	390	3.7	**0.00080 J**	**0.00093 J**	<0.0020	**0.0024**	**5.52**	**0.0018 J**	<0.23	**0.0043**	**0.0021**	**0.0024**	**0.0019 J**	**0.00098 J**	**0.00075 J**	<0.0024	<0.0029	<0.23	**0.0015**	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
o-Xylene	430	430	3.7	**0.00023 J**	**0.00035 J**	**0.00051 J**	**0.00083 J**	**0.384**	**0.00097 J**	<0.23	**0.0015 J**	**0.00079 J**	**0.00069 J**	**0.00058 J**	**0.00043 J**	**0.00028 J**	<0.0024	<0.0029	<0.23	**0.0011 J**	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022
Xylene (total)	260	260	200	**0.0010 J**	**0.0013 J**	**0.00051 J**	**0.0032**	**5.9**	**0.0027**	<0.23	**0.0058**	**0.0029**	**0.0031**	**0.0025**	**0.0014 J**	**0.0010 J**	<0.0024	<0.0029	<0.23	**0.0026**	<0.0020	<0.0027	<0.0024	<0.0022	<0.0021	<0.0022

Results in milligrams per kilogram
RCG = 2018 Remediation Closure Guide
MTG = Migration to Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 12
Site-Wide Soil Analytical Data ("AB" Boring Series)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AB-1		AB-2		AB-3			AB-4		AB-5		AB-6		AB-7		AB-8		AB-9		AB-10		AB-11	
	Direct Contact																									
	Res.	Industrial	MTG	8-10'	14-16'	8-10'	14-16'	8-10'	14-16'	22-24'	1-3'	7-9'	8-10'	12-13'	8-10'	15-17'	2-4'	28-30'	8-10'	14-16'	4-6'	24-26'	2-4'	17-19'	4-6'	16-18'
				7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/31/2013	7/31/2013	7/29/2013	7/29/2013	7/31/2013	7/31/2013	7/30/2013	7/30/2013	7/31/2013	7/31/2013
Semi-Volatile Organic Compounds																										
Benzoic acid	100000	100000	350	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
2-Chlorophenol	550	5800	1.5	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
4-Chloro-3-methyl phenol	8700	82000	33	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
2,4-Dichlorophenol	250	2500	1.1	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
2,4-Dimethylphenol	1700	16000	8.5	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
2,4-Dinitrophenol	170	1600	0.87	<1.2	<1.3	<1.2	<1.2	<1.1	<1.2	<1.2	<1.3	<1.3	<1.2	<1.3	<1.3	<1.2	<1.2	<1.4	<1.2	<1.2	<1.2	<1.3	<1.2	<1.2	<1.2	<1.2
4,6-Dinitro-o-cresol	6.9	66	0.051	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
2-Methylphenol	4300	41000	15	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
3&4-Methylphenol	NA	NA	NA	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	**0.140 J**	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
2-Nitrophenol	NA	NA	NA	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
4-Nitrophenol	NA	NA	NA	<1.2	<1.3	<1.2	<1.2	<1.1	<1.2	<1.2	<1.3	<1.3	<1.2	<1.3	<1.3	<1.2	<1.2	<1.4	<1.2	<1.2	<1.2	<1.3	<1.2	<1.2	<1.2	<1.2
Pentachlorophenol	14	40	0.2	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
Phenol	25000	100000	67	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	**0.358**	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
2,4,5-Trichlorophenol	8700	82000	90	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
2,4,6-Trichlorophenol	87	820	0.9	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
Acenaphthene	4900	45000	110	<0.12	<0.13	<0.12	<0.12	**0.0934 J**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Acenaphthylene	NA	NA	NA	<0.12	<0.13	<0.12	<0.12	<0.11	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Aniline	600	4100	0.89	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
Anthracene	24000	100000	1200	<0.12	<0.13	<0.12	<0.12	**0.147**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Benzidine	0.0073	0.1	0.000057	<1.2	<1.3	<1.2	<1.2	<1.1	<1.2	<1.2	<1.3	<1.3	<1.2	<1.3	<1.3	<1.2	<1.2	<1.4	<1.2	<1.2	<1.2	<1.3	<1.2	<1.2	<1.2	<1.2
Benzo(a)anthracene	2.1	29	2.4	<0.12	<0.13	<0.12	<0.12	**0.864**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Benzo(a)pyrene	0.21	2.9	4.7	<0.12	<0.13	<0.12	<0.12	**1.08**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Benzo(b)fluoranthene	2.1	29	8.2	<0.12	<0.13	<0.12	<0.12	**1.09**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Benzo(g,h,i)perylene	NA	NA	NA	<0.12	<0.13	<0.12	<0.12	**0.725**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Benzo(k)fluoranthene	21	290	80	<0.12	<0.13	<0.12	<0.12	**0.848**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
4-Bromophenyl phenyl ether	-	-	-	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Butyl benzyl phthalate	3900	12000	46	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Benzyl Alcohol	8700	82000	9.7	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
2-Chloronaphthalene	8800	93000	77	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
4-Chloroaniline	38	120	0.031	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
Carbazole	NA	NA	NA	<0.12	<0.13	<0.12	<0.12	**0.0917 J**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Chrysene	210	2900	250	<0.12	<0.13	<0.12	<0.12	**1.03**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	**0.0182 J**	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
bis(2-Chloroethoxy)methane	250	2500	0.27	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
bis(2-Chloroethyl)ether	3.2	10	0.00074	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
bis(2-Chloroisopropyl)ether	69	220	0.026	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
4-Chlorophenyl phenyl ether	NA	NA	NA	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
1,2-Dichlorobenzene	380	380	12	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
1,2-Diphenylhydrazine	9.4	29	0.049	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
1,3-Dichlorobenzene	NA	NA	NA	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
1,4-Dichlorobenzene	36	110	1.4	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
2,4-Dinitrotoluene	24	74	0.065	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
2,6-Dinitrotoluene	5	15	0.013	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
3,3'-Dichlorobenzidine	17	51	0.16	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Dibenzo(a,h)anthracene	0.21	2.9	2.6	<0.12	<0.13	<0.12	<0.12	**0.261**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Dibenzofuran	100	1000	2.9	<0.12	<0.13	<0.12	<0.12	**0.0834 J**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Di-n-butyl phthalate	8700	82000	45	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Di-n-octyl phthalate	870	8200	1100	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Diethyl phthalate	69000	100000	120	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Dimethyl phthalate	NA	NA	NA	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
bis(2-Ethylhexyl)phthalate	530	1600	29	**0.323**	<0.32	<0.29	<0.30	**0.319**	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Fluoranthene	3200	30000	1800	<0.12	<0.13	<0.12	<0.12	**1.96**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	**0.0444 J**	<0.14	<0.12	<0.12	**0.0251 J**	<0.13	<0.12	<0.12	<0.12	<0.12
Fluorene	3200	30000	110	<0.12	<0.13	<0.12	<0.12	**0.153**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Hexachlorobenzene	4.6	14	0.25	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Hexachlorobutadiene	87	300	0.12	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Hexachlorocyclopentadiene	520	4900	3.1	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
Hexachloroethane	60	580	0.084	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Indeno(1,2,3-cd)pyrene	2.1	29	47	<0.12	<0.13	<0.12	<0.12	**0.641**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Isophorone	7800	24000	5.2	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
1-Methylnaphthalene	240	730	1.2	<0.29	<0.32	<0.29	<0.30	**0.0369 J**	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
2-Methylnaphthalene	320	3000	3.7	<0.12	<0.13	<0.12	<0.12	**0.0609 J**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
2-Nitroaniline	850	8000	1.6	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
3-Nitroaniline	NA	NA	NA	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
4-Nitroaniline	350	1200	0.32	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	<0.60	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
Naphthalene	53	170	0.11	<0.12	<0.13	<0.12	<0.12	**0.987**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	<0.12	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Nitrobenzene	71	220	0.018	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	**0.0373 J**	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
n-Nitrosodimethylamine	0.032	0.45	0.000024	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
N-Nitroso-di-n-propylamine	1.1	3.3	0.0017	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
N-Nitrosodiphenylamine	1500	4700	13	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31
Phenanthrene	NA	NA	NA	<0.12	<0.13	<0.12	<0.12	**1.49**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	**0.0468 J**	<0.14	<0.12	<0.12	<0.12	<0.13	<0.12	<0.12	<0.12	<0.12
Pyrene	2400	23000	260	<0.12	<0.13	<0.12	<0.12	**1.54**	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.13	<0.12	**0.0292 J**	<0.14	<0.12	<0.12	**0.0193 J**	<0.13	<0.12	<0.12	<0.12	<0.12
Pyridine	110	1200	0.14	<0.59	<0.65	<0.59	<0.61	<0.57	<0.60	<0.62	<0.67	<0.67	<0.60	<0.67	<0.65	<0.62	**0.236 J**	<0.68	<0.61	<0.58	<0.59	<0.65	<0.60	<0.62	<0.60	<0.62
1,2,4-Trichlorobenzene	81	260	4.1	<0.29	<0.32	<0.29	<0.30	<0.28	<0.30	<0.31	<0.33	<0.33	<0.30	<0.33	<0.33	<0.31	<0.30	<0.34	<0.31	<0.29	<0.30	<0.32	<0.30	<0.31	<0.30	<0.31

Results in milligrams per kilogram
RCG = 2018 Remediation Closure Guide
MTG = Migration to Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 12
Site-Wide Soil Analytical Data ("AB" Boring Series)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AB-1		AB-2		AB-3			AB-4		AB-5		AB-6		AB-7		AB-8		AB-9		AB-10		AB-11	
	Direct Contact		MTG																							
	Res.	Industrial		8-10'	14-16'	8-10'	14-16'	8-10'	14-16'	22-24'	1-3'	7-9'	8-10'	12-13'	8-10'	15-17'	2-4'	28-30'	8-10'	14-16'	4-6'	24-26'	2-4'	17-19'	4-6'	16-18'
				7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/29/2013	7/31/2013	7/31/2013	7/29/2013	7/29/2013	7/31/2013	7/31/2013	7/30/2013	7/30/2013	7/31/2013	7/31/2013
Polychlorinated Biphenyls																										
Aroclor 1016	5.6	52	2.7	<0.038	<0.044	<0.038	<0.040	<0.038	<0.040	<0.042	<0.045	<0.046	<0.039	<0.044	<0.042	<0.039	<0.039	<0.043	<0.041	<0.039	<0.039	<0.042	<0.039	<0.042	<0.041	<0.042
Aroclor 1221	2.1	6.6	0.016	<0.038	<0.044	<0.038	<0.040	<0.038	<0.040	<0.042	<0.045	<0.046	<0.039	<0.044	<0.042	<0.039	<0.039	<0.043	<0.041	<0.039	<0.039	<0.042	<0.039	<0.042	<0.041	<0.042
Aroclor 1232	2.1	6.6	0.016	<0.038	<0.044	<0.038	<0.040	<0.038	<0.040	<0.042	<0.045	<0.046	<0.039	<0.044	<0.042	<0.039	<0.039	<0.043	<0.041	<0.039	<0.039	<0.042	<0.039	<0.042	<0.041	<0.042
Aroclor 1242	3.4	10	1.2	<0.038	<0.044	<0.038	<0.040	<0.038	<0.040	<0.042	<0.045	<0.046	<0.039	<0.044	<0.042	<0.039	<0.039	<0.043	<0.041	<0.039	<0.039	<0.042	<0.039	<0.042	<0.041	<0.042
Aroclor 1248	3.4	10	1.2	<0.038	<0.044	<0.038	<0.040	<0.038	<0.040	<0.042	<0.045	<0.046	<0.039	<0.044	<0.042	<0.039	<0.039	<0.043	<0.041	<0.039	<0.039	<0.042	<0.039	<0.042	<0.041	<0.042
Aroclor 1254	1.5	10	2	<0.038	<0.044	<0.038	<0.040	**0.0479**	<0.040	<0.042	<0.045	<0.046	<0.039	<0.044	<0.042	<0.039	<0.039	<0.043	<0.041	<0.039	<0.039	<0.042	<0.039	<0.042	<0.041	<0.042
Aroclor 1260	3.4	10	5.5	<0.038	<0.044	<0.038	<0.040	<0.038	<0.040	<0.042	<0.045	<0.046	<0.039	<0.044	<0.042	<0.039	<0.039	<0.043	<0.041	<0.039	<0.039	<0.042	<0.039	<0.042	<0.041	<0.042
Metals																										
Arsenic	9.4	30	5.9	**10.8**	**15.9**	**13.9**	**16.5**	**8**	**25.1**	**11.1**	**12.2**	**11.4**	**17**	**17.4**	**17.5**	**15.1**	**14**	**7.7**	**6.8**	**19.5**	**6.8**	**9.4**	**16**	**7.2**	**6.9**	**10.7**
Barium	21000	100000	1700	**61.9**	**41.3**	**45.4**	**55.4**	**65**	**63.1**	**21.6**	**47.9**	**29.3**	**35.3**	**26.4**	**57.4**	**36.5**	**59.5**	**11.1**	**82.7**	**38.6**	**139**	**16.1**	**50.4**	**48.8**	**36.1**	**71.9**
Cadmium	98	980	7.5	**0.28 J**	**0.35 J**	**0.24 J**	**0.33 J**	**0.26 J**	**0.54**	**0.43**	**0.29 J**	**0.31 J**	**0.27 J**	**0.30 J**	**0.32 J**	**0.39**	**0.44**	**0.31 J**	**0.20 J**	**0.4**	**0.29 J**	**0.31 J**	**0.26 J**	**0.27 J**	**0.31 J**	**0.44**
Chromium	NA	NA	1000000	**10.2**	**11.1**	**12.3**	**12.9**	**11.2**	**11.9**	**6.7**	**12**	**9.9**	**16**	**13.3**	**14.4**	**12.3**	**11.8**	**5.6**	**10.5**	**12.5**	**11.8**	**5.7**	**11.6**	**16.9**	**16.1**	**20.2**
Lead	400	800	270	**12**	**12**	**12.4**	**13.4**	**18.1**	**27.5**	**10.2**	**10.7**	**10.1**	**12.9**	**13.8**	**14.2**	**13.3**	**14.5**	**9.9**	**11.6**	**12.7**	**15**	**7.3**	**11.5**	**11.2**	**14.2**	**12.7**
Mercury	3.1	3.1	2.1	**0.026 J**	**0.015 J**	**0.022 J**	**0.026 J**	**0.039**	**0.035 J**	**0.018 J**	**0.020 J**	**0.016 J**	**0.035 J**	**0.017 J**	**0.028 J**	**0.020 J**	**0.038**	**0.016 J**	**0.035 J**	**0.036 J**	**0.027 J**	**<0.035**	**0.027 J**	**0.020 J**	**0.020 J**	**0.019 J**
Selenium	550	5800	5.3	<0.92	<0.98	<0.93	<0.93	<0.93	<0.96	<0.92	<1.0	<1.0	<0.93	<1.0	<0.97	<0.98	<0.83	<1.1	<0.94	<0.90	<1.0	<1.1	<0.94	<0.93	<0.94	<0.95
Silver	550	5800	16	<0.46	<0.49	<0.46	<0.46	<0.46	<0.48	<0.46	<0.51	<0.52	<0.47	<0.51	<0.48	<0.49	<0.42	<0.55	<0.47	<0.45	<0.50	<0.53	<0.47	<0.47	<0.47	<0.47

Results in milligrams per kilogram
RCG = 2018 Remediation Closure Guide
MTG = Migration to Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 12
Site-Wide Soil Analytical Data ("AB" Boring Series)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AB-12		AB-13		AB-14		AB-15		AB-16			AB-17			AB-18		AB-19		AB-20		AB-21	
	Direct Contact		MTG	6-8'	16-18'	6-8'	26-28'	3-5'	18-20'	2-4'	22-24'	10-12'	Dup 10-12'	25-27'	8-10'	Dup 8-10'	29-30'	6-8'	10-12'	6-8'	18-20'	8-10'	17-19'	8-10'	16-18'
	Res.	Industrial		7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/31/2013	7/31/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013
Volatile Organic Compounds																									
Acetone	85000	100000	57	<7.8	<2.8	<6.6	**0.0172** [f]	<1.5	**0.0082 J**	<0.72	**0.0076 J** [f]	<28	<24	<0.0089 [e]	<2.6	<6.6	**0.0093 J**	<0.011	<1.2	<0.011	**0.0047 J** [f]	**0.0040 J** [f]	**0.0079 J** [f]	**0.0040 J** [f]	**0.0178**
Benzene	17	51	0.051	<0.39	<0.14	<0.33	<0.00047	<0.073	<0.00052	<0.036	<0.00055	<1.4	<1.2	<0.00045	<0.13	<0.33	<0.00055	<0.00055	<0.058	<0.00053	<0.00054	<0.00047	<0.00044	<0.00064	<0.00063
Bromobenzene	410	680	0.84	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Bromochloromethane	210	630	0.41	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Bromodichloromethane	4.1	13	0.43	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Bromoform	940	2900	0.42	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Bromomethane	9.5	30	0.038	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
2-Butanone (MEK)	28000	28000	23	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055 [b]	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063 [b]
n-Butylbenzene	110	110	64	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	**0.00019 J**	<0.0044	<0.0064	<0.0063
sec-Butylbenzene	150	150	120	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	**0.00020 J**	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
tert-Butylbenzene	180	180	31	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Carbon disulfide	740	740	4.8	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Carbon tetrachloride	9.1	29	0.039	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Chlorobenzene	390	760	1.4	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Chloroethane	2100	2100	120	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Chloroform	4.5	14	0.44	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Chloromethane	150	460	0.98	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
o-Chlorotoluene	910	910	4.7	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
p-Chlorotoluene	250	250	4.8	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
1,2-Dibromo-3-chloropropane	0.074	0.64	0.0017	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055 [b]	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063 [b]
Dibromochloromethane	10	32	0.43	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,2-Dibromoethane	0.5	1.6	0.00028	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,2-Dichlorobenzene	380	380	12	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,3-Dichlorobenzene	NA	NA	NA	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,4-Dichlorobenzene	36	110	1.4	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Dichlorodifluoromethane	120	370	6	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018 [a]	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,1-Dichloroethane	50	160	0.15	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,2-Dichloroethane	6.4	20	0.028	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,1-Dichloroethene	320	1000	0.05	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018 [g]	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
cis-1,2-Dichloroethene	220	2300	0.41	<1.6	**0.478 J**	**2.31**	<0.0019	**0.256 J**	<0.0021	**1.31**	**0.071**	**4.83 J**	**5.36**	**0.00038 J**	**1.17**	**1.01 J**	<0.0022	**0.0287**	**0.59**	<0.0021	<0.0021	**0.00068 J**	<0.0018	<0.0025	<0.0025
trans-1,2-Dichloroethene	1700	1700	0.59	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	**0.0011 J**	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	**0.00070 J**	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,2-Dichloropropane	14	44	0.033	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,3-Dichloropropane	1500	1500	2.6	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
2,2-Dichloropropane	NA	NA	NA	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055 [b]	<0.0055	<0.58	<0.0053 [b]	<0.0054 [b]	<0.0047	<0.0044	<0.0064	<0.0063 [b]
1,1-Dichloropropene	NA	NA	NA	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
cis-1,3-Dichloropropene	NA	NA	NA	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
trans-1,3-Dichloropropene	NA	NA	NA	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Ethylbenzene	81	250	16	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	**0.00033 J**	<5.6	<4.7	<0.0018	<0.53	<1.3	**0.00027 J**	**0.00033 J**	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Hexachlorobutadiene	87	300	0.12	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
2-Hexanone	280	1300	0.18	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Iodomethane	NA	NA	NA	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Isopropylbenzene	270	270	15	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
p-Isopropyltoluene	NA	NA	NA	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	**0.00022 J**	<14	<12	<0.0045	<1.3	<3.3	<0.0055	**0.00020 J**	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Methyl Tert Butyl Ether	660	2100	0.63	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
4-Methyl-2-pentanone (MIBK)	3400	3400	5.4	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Methylene bromide	32	98	0.039	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Methylene chloride	490	3200	0.025	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	**0.0054**	<0.0021	**0.006**	<0.0018	<0.0025	<0.0025
Naphthalene	53	170	0.11	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055 [b]	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063 [b]
n-Propylbenzene	260	260	25	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	**0.00042 J**	<14	<12	<0.0045	<1.3	<3.3	**0.00036 J**	**0.00043 J**	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Styrene	870	870	2.2	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
1,1,1,2-Tetrachloroethane	28	88	0.043	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Tetrachloroethene	110	170	0.045	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	**0.156**	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Toluene	820	820	14	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	**0.0179 J**	**0.00030 J**	**0.572 J**	<12	<0.0045	<1.3	<3.3	<0.0055	**0.00041 J**	<0.58	<0.0053	<0.0054	<0.0047	**0.00019 J**	**0.00047 J**	**0.00039 J**
1,2,3-Trichlorobenzene	69	660	0.42	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055 [b]	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063 [b]
1,2,4-Trichlorobenzene	81	260	4.1	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055 [b]	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063 [b]
1,1,1-Trichloroethane	640	640	1.4	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,1,2-Trichloroethane	2.1	6.3	0.032	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Trichloroethene	5.7	19	0.036	**148**	**72.9**	**161**	**0.0034**	**2**	**0.0011 J**	**1050**	**0.0227**	**2100**	**1490**	**0.0044**	**52.6**	**197**	**0.0215**	**0.0111**	**18.2**	**0.0067**	**0.0058**	**0.0142**	**0.0098**	**0.0044**	**0.0096**
Trichlorofluoromethane	1000	1200	14	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
1,2,3-Trichloropropane	0.071	1.1	0.000065	<3.9	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<14	<12	<0.0045	<1.3	<3.3	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
1,2,4-Trimethylbenzene	81	220	0.44	<3.9	**0.427 J**	<3.3	<0.0047	<0.73	<0.0052	<0.36	**0.0028 J**	<14	<12	**0.00043 J**	<1.3	<3.3	**0.0026 J**	**0.0029 J**	<0.58	**0.00073 J**	**0.00063 J**	**0.00040 J**	**0.00020 J**	**0.00025 J**	**0.00038 J**
1,3,5-Trimethylbenzene	180	180	3.4	<3.9	**0.131 J**	<3.3	<0.0047	<0.73	<0.0052	<0.36	**0.00083 J**	<14	<12	<0.0045	<1.3	<3.3	**0.00074 J**	**0.00085 J**	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Vinyl Acetate	1300	2800	1.7	<3.9 [d]	<1.4 [d]	<3.3 [d]	<0.0047	<0.73 [d]	<0.0052	<0.36	<0.0055	<14	<12	<0.0045 [d]	<1.3	<3.3 [d]	<0.0055	<0.0055	<0.58	<0.0053	<0.0054	<0.0047	<0.0044	<0.0064	<0.0063
Vinyl chloride	0.83	17	0.014	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	**0.049**	<5.6	<4.7	**0.004**	<0.53	<1.3	<0.0022	<0.0022	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
m,p-Xylene	390	390	3.7	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	**0.0018 J**	<5.6	<4.7	**0.00034 J**	<0.53	<1.3	**0.0014 J**	**0.0017 J**	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
o-Xylene	430	430	3.7	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	**0.00066 J**	<5.6	<4.7	<0.0018	<0.53	<1.3	**0.00061 J**	**0.00055 J**	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025
Xylene (total)	260	260	200	<1.6	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	**0.0024**	<5.6	<4.7	**0.00034 J**	<0.53	<1.3	**0.0020 J**	**0.0023**	<0.23	<0.0021	<0.0021	<0.0019	<0.0018	<0.0025	<0.0025

Results in milligrams per kilogram
RCG = 2018 Remediation Closure Guide
MTG = Migration to Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 12
Site-Wide Soil Analytical Data ("AB" Boring Series)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AB-12		AB-13		AB-14		AB-15		AB-16			AB-17			AB-18		AB-19		AB-20		AB-21	
	Direct Contact		MTG	6-8'	16-18'	6-8'	26-28'	3-5'	18-20'	2-4'	22-24'	10-12'	Dup 10-12'	25-27'	8-10'	Dup 8-10'	29-30'	6-8'	10-12'	6-8'	18-20'	8-10'	17-19'	8-10'	16-18'
	Res.	Industrial		7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/31/2013	7/31/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013
Semi-Volatile Organic Compounds																									
Benzoic acid	100000	100000	350	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
2-Chlorophenol	550	5800	1.5	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
4-Chloro-3-methyl phenol	8700	82000	33	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
2,4-Dichlorophenol	250	2500	1.1	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
2,4-Dimethylphenol	1700	16000	8.5	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
2,4-Dinitrophenol	170	1600	0.87	<1.4	<1.3	<1.2	<1.2	<1.4	<1.2	<1.3	<1.2	<1.4	<1.3	<1.2	<1.3	<1.4	<1.2	<1.3	<1.2	<1.2	<1.3	<1.3	<1.2	<1.3	<1.2
4,6-Dinitro-o-cresol	6.9	66	0.051	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
2-Methylphenol	4300	41000	15	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
3&4-Methylphenol	NA	NA	NA	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
2-Nitrophenol	NA	NA	NA	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
4-Nitrophenol	NA	NA	NA	<1.4	<1.3	<1.2	<1.2	<1.4	<1.2	<1.3	<1.2	<1.4	<1.3	<1.2	<1.3	<1.4	<1.2	<1.3	<1.2	<1.2	<1.3	<1.3	<1.2	<1.3	<1.2
Pentachlorophenol	14	40	0.2	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
Phenol	25000	100000	67	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
2,4,5-Trichlorophenol	8700	82000	90	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
2,4,6-Trichlorophenol	87	820	0.9	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
Acenaphthene	4900	45000	110	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Acenaphthylene	NA	NA	NA	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Aniline	600	4100	0.89	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
Anthracene	24000	100000	1200	<0.14	**0.0172 J**	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Benzidine	0.0073	0.1	0.000057	<1.4	<1.3	<1.2	<1.2	<1.4	<1.2	<1.3	<1.2	<1.4	<1.3	<1.2	<1.3	<1.4	<1.2	<1.3	<1.2	<1.2	<1.3	<1.3	<1.2	<1.3	<1.2
Benzo(a)anthracene	2.1	29	2.4	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Benzo(a)pyrene	0.21	2.9	4.7	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Benzo(b)fluoranthene	2.1	29	8.2	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Benzo(g,h,i)perylene	NA	NA	NA	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Benzo(k)fluoranthene	21	290	80	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
4-Bromophenyl phenyl ether	-	-	-	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	**0.0661 J**	<0.33	<0.29
Butyl benzyl phthalate	3900	12000	46	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Benzyl Alcohol	8700	82000	9.7	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
2-Chloronaphthalene	8800	93000	77	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
4-Chloroaniline	38	120	0.031	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
Carbazole	NA	NA	NA	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Chrysene	210	2900	250	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
bis(2-Chloroethoxy)methane	250	2500	0.27	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
bis(2-Chloroethyl)ether	3.2	10	0.00074	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
bis(2-Chloroisopropyl)ether	69	220	0.026	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
4-Chlorophenyl phenyl ether	NA	NA	NA	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
1,2-Dichlorobenzene	380	380	12	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
1,2-Diphenylhydrazine	9.4	29	0.049	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
1,3-Dichlorobenzene	NA	NA	NA	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
1,4-Dichlorobenzene	36	110	1.4	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
2,4-Dinitrotoluene	24	74	0.065	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
2,6-Dinitrotoluene	5	15	0.013	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
3,3'-Dichlorobenzidine	17	51	0.16	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Dibenzo(a,h)anthracene	0.21	2.9	2.6	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Dibenzofuran	100	1000	2.9	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Di-n-butyl phthalate	8700	82000	45	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Di-n-octyl phthalate	870	8200	1100	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Diethyl phthalate	69000	100000	120	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	**0.0238 J**	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Dimethyl phthalate	NA	NA	NA	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
bis(2-Ethylhexyl)phthalate	530	1600	29	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Fluoranthene	3200	30000	1800	<0.14	**0.0509 J**	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Fluorene	3200	30000	110	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Hexachlorobenzene	4.6	14	0.25	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Hexachlorobutadiene	87	300	0.12	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Hexachlorocyclopentadiene	520	4900	3.1	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
Hexachloroethane	60	580	0.084	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Indeno(1,2,3-cd)pyrene	2.1	29	47	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Isophorone	7800	24000	5.2	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
1-Methylnaphthalene	240	730	1.2	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
2-Methylnaphthalene	320	3000	3.7	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
2-Nitroaniline	850	8000	1.6	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
3-Nitroaniline	NA	NA	NA	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
4-Nitroaniline	350	1200	0.32	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
Naphthalene	53	170	0.11	<0.14	<0.13	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Nitrobenzene	71	220	0.018	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
n-Nitrosodimethylamine	0.032	0.45	0.000024	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
N-Nitroso-di-n-propylamine	1.1	3.3	0.0017	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
N-Nitrosodiphenylamine	1500	4700	13	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29
Phenanthrene	NA	NA	NA	<0.14	**0.0614 J**	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Pyrene	2400	23000	260	<0.14	**0.0336 J**	<0.12	<0.12	<0.14	<0.12	<0.13	<0.12	<0.14	<0.13	<0.12	<0.13	<0.14	<0.12	<0.13	<0.12	<0.12	<0.13	<0.13	<0.12	<0.13	<0.12
Pyridine	110	1200	0.14	<0.68	<0.67	<0.62	<0.62	<0.69	<0.62	<0.63	<0.62	<0.70	<0.65	<0.60	<0.67	<0.68	<0.62	<0.66	<0.61	<0.62	<0.65	<0.63	<0.60	<0.66	<0.59
1,2,4-Trichlorobenzene	81	260	4.1	<0.34	<0.33	<0.31	<0.31	<0.34	<0.31	<0.31	<0.31	<0.35	<0.32	<0.30	<0.33	<0.34	<0.31	<0.33	<0.31	<0.31	<0.33	<0.31	<0.30	<0.33	<0.29

Results in milligrams per kilogram
RCG = 2018 Remediation Closure Guide
MTG = Migration to Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 12
Site-Wide Soil Analytical Data ("AB" Boring Series)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AB-12		AB-13		AB-14		AB-15		AB-16			AB-17			AB-18		AB-19		AB-20		AB-21	
	Direct Contact		MTG	6-8'	16-18'	6-8'	26-28'	3-5'	18-20'	2-4'	22-24'	10-12'	Dup 10-12'	25-27'	8-10'	Dup 8-10'	29-30'	6-8'	10-12'	6-8'	18-20'	8-10'	17-19'	8-10'	16-18'
	Res.	Industrial		7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/31/2013	7/31/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013
Polychlorinated Biphenyls																									
Aroclor 1016	5.6	52	2.7	<0.043	<0.045	<0.041	<0.043	<0.046	<0.041	<0.041	<0.041	<0.046	<0.044	<0.040	<0.043	<0.046	<0.040	<0.044	<0.041	<0.042	<0.043	<0.041	<0.039	<0.044	<0.040
Aroclor 1221	2.1	6.6	0.016	<0.043	<0.045	<0.041	<0.043	<0.046	<0.041	<0.041	<0.041	<0.046	<0.044	<0.040	<0.043	<0.046	<0.040	<0.044	<0.041	<0.042	<0.043	<0.041	<0.039	<0.044	<0.040
Aroclor 1232	2.1	6.6	0.016	<0.043	<0.045	<0.041	<0.043	<0.046	<0.041	<0.041	<0.041	<0.046	<0.044	<0.040	<0.043	<0.046	<0.040	<0.044	<0.041	<0.042	<0.043	<0.041	<0.039	<0.044	<0.040
Aroclor 1242	3.4	10	1.2	<0.043	<0.045	<0.041	<0.043	<0.046	<0.041	<0.041	<0.041	<0.046	<0.044	<0.040	<0.043	<0.046	<0.040	<0.044	<0.041	<0.042	<0.043	<0.041	<0.039	<0.044	<0.040
Aroclor 1248	3.4	10	1.2	<0.043	<0.045	<0.041	<0.043	<0.046	<0.041	<0.041	<0.041	<0.046	<0.044	<0.040	<0.043	<0.046	<0.040	<0.044	<0.041	<0.042	<0.043	<0.041	<0.039	<0.044	<0.040
Aroclor 1254	1.5	10	2	<0.043	<0.045	<0.041	<0.043	<0.046	<0.041	<0.041	<0.041	<0.046	<0.044	<0.040	<0.043	<0.046	<0.040	<0.044	<0.041	<0.042	<0.043	<0.041	<0.039	<0.044	<0.040
Aroclor 1260	3.4	10	5.5	<0.043	<0.045	<0.041	<0.043	<0.046	<0.041	<0.041	<0.041	<0.046	<0.044	<0.040	<0.043	<0.046	<0.040	<0.044	<0.041	<0.042	<0.043	<0.041	<0.039	<0.044	<0.040
Metals																									
Arsenic	9.4	30	5.9	**10.8**	**8.5**	**11**	**7.5**	**11**	**16.2**	**4**	**8.7**	**8.1**	**7.9**	**7.9**	**11.6**	**9.1**	**15.5**	**6.5**	**11**	**4.5**	**5.7**	**6.3**	**5.1**	**12.8**	**7.4**
Barium	21000	100000	1700	**47.6**	**54.8**	**63.9**	**56.3**	**56.7**	**72.6**	**21.5**	**60.3**	**54**	**60**	**57.1**	**66.5**	**56.6**	**75.2**	**43.3**	**62.1**	**22.9**	**64.2**	**71.9**	**68**	**49**	**65.2**
Cadmium	98	980	7.5	**0.35 J**	**0.36 J**	**0.30 J**	**0.18 J**	**0.33 J**	**0.44**	**0.37 J**	**0.24 J**	**0.62**	**0.27 J**	**0.29 J**	**0.30 J**	**0.37 J**	**0.37 J**	**0.21 J**	**0.36 J**	**0.18 J**	**0.21 J**	**0.21 J**	**0.27 J**	**0.35 J**	**0.14 J**
Chromium	NA	NA	1000000	**19.1**	**15.5**	**18.1**	**11.4**	**25.4**	**14.9**	**22.1**	**13.3**	**14.2**	**14.9**	**13**	**20.9**	**22.6**	**18.9**	**14.9**	**19.2**	**15.5**	**16.7**	**9.9**	**8.1**	**10.5**	**9.8**
Lead	400	800	270	**13.4**	**11.9**	**14.9**	**9.9**	**13.5**	**12.3**	**10.5**	**9.2**	**12.1**	**11.2**	**10.4**	**14.5**	**12.6**	**11.9**	**11.2**	**16.4**	**12.3**	**11.8**	**21.5**	**7.2**	**13.5**	**8.3**
Mercury	3.1	3.1	2.1	**0.020 J**	**0.021 J**	**0.025 J**	**0.011 J**	**0.023 J**	**0.021 J**	**0.015 J**	**0.015 J**	**0.024 J**	**0.023 J**	**<0.037**	**0.019 J**	**0.016 J**	**0.017 J**	**0.025 J**	**0.023 J**	**0.017 J**	**0.023 J**	**0.044**	**0.020 J**	**0.027 J**	**0.019 J**
Selenium	550	5800	5.3	<1.0	<0.98	<1.0	<0.97	<1.1	<0.92	**0.34 J**	<0.92	<1.0	<1.0	<0.91	<1.0	<1.0	<0.95	**0.59 J**	<0.94	<0.97	<0.97	<0.96	<0.92	<1.0	<0.90
Silver	550	5800	16	<0.51	<0.49	<0.50	<0.49	<0.54	<0.46	<0.48	<0.46	<0.52	<0.52	<0.46	<0.50	<0.52	<0.47	<0.50	<0.47	<0.49	<0.48	<0.48	<0.46	<0.50	<0.45

Results in milligrams per kilogram
RCG = 2018 Remediation Closure Guide
MTG = Migration to Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-2															
	Direct Contact		MTG	SAP-12						SAP-13					SAP-14				
	Residential	Industrial		1'	4'	8'	12'	16'	Dup 16'	1'	4'	8'	12'	16'	2'	4'	8'	12'	16'
				8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025 XM	< 0.022	< 0.022	< 0.023
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	**0.04**	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
1,1-Dichloroethane	50	160	0.16	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
1,1-Dichloroethene	320	1,000	0.05	< 0.022	< 0.034	< 0.028	**0.1 HC**	**0.34**	< 0.023	< 0.024	< 0.026	**0.027**	**0.18**	**0.18**	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
1,2,3-Trichlorobenzene	88	930	0.42	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
1,2,4-Trichlorobenzene	81	260	4.1	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025 HC	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
1,2,4-Trimethylbenzene	220	220	1.6	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022 HC	< 0.025 HC	< 0.022 HC	< 0.022 HC	< 0.023 HC
1,2-Dichlorobenzene	380	380	12	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
1,2-Dichloroethane	6.4	20	0.028	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
1,3,5-Trimethylbenzene	180	180	1.7	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	**0.029**	**0.026**	**0.033**	**0.024**	< 0.025	< 0.022	< 0.022	< 0.023
1,3-Dichlorobenzene	NA	NA	NA	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
1,4-Dichlorobenzene	36	110	1.4	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
2-Chlorotoluene	910	910	4.7	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
4-Chlorotoluene	250	250	4.8	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Benzene	17	51	0.051	< 0.022	< 0.034	**0.11**	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Carbon Tetrachloride	9.1	29	0.039	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Chlorobenzene	390	760	1.4	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Chloroform	4.5	14	0.44	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Chloromethane	150	460	0.98	< 0.045	< 0.068	< 0.056	< 0.044	< 0.05	< 0.046	< 0.048	< 0.053	< 0.046	< 0.05	**0.078 HC**	< 0.044	< 0.05	< 0.045	< 0.045	< 0.046
cis-1,2-Dichloroethene	220	2,300	0.41	**0.023**	**0.44**	**0.42**	**55 E**	**150 E**	**24 E**	< 0.024	**3.4**	**9.2**	**4.4**	**17 E**	< 0.022	**0.026**	**2.1**	**3.3**	< 0.023
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Dichloromethane	490	3,200	0.025	< 0.089	< 0.14	< 0.11	< 0.087	< 0.099	< 0.092	< 0.095	< 0.11	< 0.091	< 0.099	< 0.098	< 0.088	< 0.1	< 0.089	< 0.09	< 0.093
Ethylbenzene	81	250	16	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Isopropylbenzene	270	270	15	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
m&p-Xylenes	NA	NA	NA	< 0.045	< 0.068	< 0.056	< 0.044	< 0.05	< 0.046	< 0.048	< 0.053	< 0.046	< 0.05	< 0.049	< 0.044	< 0.05	< 0.045	< 0.045	< 0.046
Naphthalene	53	170	0.11	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
n-Butylbenzene	110	110	64	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
n-Propylbenzene	260	260	25	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
o-Xylene	430	430	3.7	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
sec-Butylbenzene	150	150	120	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Styrene (Monomer)	870	870	2.2	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
tert-Butylbenzene	180	180	31	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Tetrachloroethene	110	170	0.045	< 0.022	< 0.034	< 0.028	**0.025**	< 0.025	< 0.023	< 0.024	**0.085**	**0.12**	**0.061**	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Toluene	820	820	14	< 0.022	< 0.034	< 0.028	< 0.022	< 0.025	< 0.023	< 0.024	< 0.026	< 0.023	< 0.025	< 0.025	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023
Total Xylenes	260	260	200	< 0.067	< 0.1	< 0.084	< 0.065	< 0.074	< 0.069	< 0.072	< 0.079	< 0.068	< 0.074	< 0.074	< 0.066	< 0.075	< 0.067	< 0.067	< 0.069
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.022	< 0.034	< 0.028	**0.21**	**0.94**	< 0.023	< 0.024	**0.033**	**0.097**	**1.1**	**0.27**	< 0.022	< 0.025	< 0.022	**0.14**	< 0.023
Trichloroethene	5.7	19	0.036	**0.039 HC**	**0.81 HC**	**2 HC**	**180 HCE**	**160 HCE**	**0.026 HC**	**0.043 HC**	**26 HCE**	**230 HCE**	**280 HCE**	**270 HCE**	**0.06**	**1.7 M1**	**90 E**	**88 E**	**0.073**
Vinyl chloride	0.83	17	0.014	< 0.022	< 0.034	< 0.028	**0.11 HC**	**0.18 HC**	**0.52 HC**	< 0.024	< 0.026	< 0.023	**0.033 HC**	**0.098 HC**	< 0.022	< 0.025	< 0.022	< 0.022	< 0.023

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-2															
	Direct Contact		MTG	SAP-15						SAP-16					SAP-16B				
	Residential	Industrial		1'	3'	4'	8'	12'	16'	1'	4'	8'	12'	16'	2-4'	10-12'	18-20'	23-24'	27-28'
				8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
1,1-Dichloroethane	50	160	0.16	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00064	< 0.093	< 0.00090	< 0.00060	< 0.00092
1,1-Dichloroethene	320	1,000	0.05	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00064	**0.194**	**0.0214**	**0.0113**	< 0.00092
1,2,3-Trichlorobenzene	88	930	0.42	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0032	< 0.47	< 0.0045	< 0.0030	< 0.0046
1,2,4-Trichlorobenzene	81	260	4.1	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0032	< 0.47	< 0.0045	< 0.0030	< 0.0046
1,2,4-Trimethylbenzene	220	220	1.6	< 0.023 HC	< 0.023 HC	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022 HC	< 0.022 HC	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
1,2-Dichlorobenzene	380	380	12	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00064	< 0.093	< 0.00090	< 0.00060	< 0.00092
1,2-Dichloroethane	6.4	20	0.028	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00064	< 0.093	< 0.00090	**0.00069**	< 0.00092
1,3,5-Trimethylbenzene	180	180	1.7	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	**0.022**	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
1,3-Dichlorobenzene	NA	NA	NA	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00064	< 0.093	< 0.00090	< 0.00060	< 0.00092
1,4-Dichlorobenzene	36	110	1.4	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00064	< 0.093	< 0.00090	< 0.00060	< 0.00092
2-Chlorotoluene	910	910	4.7	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
4-Chlorotoluene	250	250	4.8	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
Benzene	17	51	0.051	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00032	< 0.047	**0.00045**	< 0.00030	< 0.00046
Carbon Tetrachloride	9.1	29	0.039	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
Chlorobenzene	390	760	1.4	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
Chloroform	4.5	14	0.44	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
Chloromethane	150	460	0.98	< 0.046	< 0.046	< 0.049	< 0.05	< 0.047	< 0.045	< 0.046	< 0.048	< 0.046	< 0.043	< 0.044	< 0.0032	< 0.47	< 0.0045	< 0.0030	< 0.0046
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.023	< 0.023	< 0.025	**2.5**	**6.4**	< 0.023	< 0.023	< 0.024	**0.25**	**2**	**2.1**	**1.76**	**5.27**	**11**	**9.16**	< 0.00092
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
Dichloromethane	490	3,200	0.025	< 0.091	< 0.091	< 0.099	< 0.1	< 0.093	< 0.09	< 0.093	< 0.095	< 0.093	< 0.087	< 0.089	< 0.0032	< 0.47	< 0.0045	< 0.0030	< 0.0046
Ethylbenzene	81	250	16	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00064	< 0.093	< 0.00090	< 0.00060	< 0.00092
Isopropylbenzene	270	270	15	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
m&p-Xylenes	NA	NA	NA	< 0.046	< 0.046	< 0.049	< 0.05	< 0.047	< 0.045	< 0.046	< 0.048	< 0.046	< 0.043	< 0.044	< 0.00064	< 0.093	< 0.00090	< 0.00060	< 0.00092
Naphthalene	53	170	0.11	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0032	< 0.47	< 0.0045	< 0.0030	< 0.0046
n-Butylbenzene	110	110	64	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
n-Propylbenzene	260	260	25	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
o-Xylene	430	430	3.7	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00064	< 0.093	< 0.00090	< 0.00060	< 0.00092
sec-Butylbenzene	150	150	120	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
Styrene (Monomer)	870	870	2.2	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
tert-Butylbenzene	180	180	31	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.0013	< 0.19	< 0.0018	< 0.0012	< 0.0018
Tetrachloroethene	110	170	0.045	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	**0.0077**	**0.37**	**0.0016 J**	< 0.0012	< 0.0018
Toluene	820	820	14	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.00064	< 0.093	**0.00048 J**	< 0.00060	< 0.00092
Total Xylenes	260	260	200	< 0.069	< 0.068	< 0.074	< 0.075	< 0.07	< 0.068	< 0.069	< 0.071	< 0.069	< 0.065	< 0.067	< 0.00064	< 0.093	< 0.00090	< 0.00060	< 0.00092
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.023	< 0.023	< 0.025	**0.11**	**0.21**	< 0.023	< 0.023	< 0.024	< 0.023	**0.049**	**0.12**	**0.0037**	**0.255**	**0.0326**	**0.0202**	< 0.00092
Trichloroethene	5.7	19	0.036	< 0.023	< 0.023	**0.036**	**0.077**	**100 E**	**0.024**	**0.053**	**0.36**	**12 E**	**66 E**	**0.93**	**48.8**	**3940**	**559**	**14.2**	**0.0018**
Vinyl chloride	0.83	17	0.014	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022 HC	**0.0030**	**0.0744 J**	**0.0627**	**0.207**	**0.0010 J**

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-2														
	Direct Contact		MTG	SAP-17					SAP-18					SAP-19				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,1-Dichloroethane	50	160	0.16	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,1-Dichloroethene	320	1,000	0.05	< 0.024	< 0.023 X	< 0.024	< 0.024	< 0.027	< 0.026	**0.035**	**0.076**	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	**0.17**	**0.047**
1,2,3-Trichlorobenzene	88	930	0.42	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,2,4-Trichlorobenzene	81	260	4.1	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,2,4-Trimethylbenzene	220	220	1.6	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	**0.05**	< 0.024	< 0.023	< 0.025
1,2-Dichlorobenzene	380	380	12	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,2-Dichloroethane	6.4	20	0.028	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,3,5-Trimethylbenzene	180	180	1.7	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,3-Dichlorobenzene	NA	NA	NA	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
1,4-Dichlorobenzene	36	110	1.4	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
2-Chlorotoluene	910	910	4.7	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
4-Chlorotoluene	250	250	4.8	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
Benzene	17	51	0.051	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
Carbon Tetrachloride	9.1	29	0.039	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
Chlorobenzene	390	760	1.4	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
Chloroform	4.5	14	0.44	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
Chloromethane	150	460	0.98	< 0.047 LC	< 0.046 XLC	< 0.047 LC	< 0.048 LC	< 0.054 LC	< 0.052 LC	< 0.047 LC	< 0.05 LC	< 0.046 LC	< 0.049 LC	< 0.048	< 0.058	**0.16**	**0.13**	< 0.05 X
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.024	**0.21**	**1.2**	**14 E**	**4**	**0.15**	**13 E**	**18 E**	**20 E**	**0.35**	< 0.024	< 0.029	< 0.024	**45 E**	**43 M1XE**
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
Dichloromethane	490	3,200	0.025	< 0.094	< 0.091	< 0.095	< 0.096	< 0.11	< 0.1	< 0.095	< 0.099	< 0.092	< 0.099	< 0.096	< 0.12	< 0.095	< 0.093	< 0.099
Ethylbenzene	81	250	16	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
Isopropylbenzene	270	270	15	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
m&p-Xylenes	NA	NA	NA	< 0.047	< 0.046	< 0.047	< 0.048	< 0.054	< 0.052	< 0.047	< 0.05	< 0.046	< 0.049	< 0.048	< 0.058	< 0.048	< 0.047	< 0.05
Naphthalene	53	170	0.11	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
n-Butylbenzene	110	110	64	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
n-Propylbenzene	260	260	25	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
o-Xylene	430	430	3.7	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
sec-Butylbenzene	150	150	120	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	**0.2**	< 0.024	< 0.023	< 0.025
Styrene (Monomer)	870	870	2.2	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
tert-Butylbenzene	180	180	31	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
Tetrachloroethene	110	170	0.045	**0.061**	**1 M1**	**0.84**	< 0.024	< 0.027	**1.3**	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	**0.13**	< 0.024	< 0.023	< 0.025
Toluene	820	820	14	< 0.024	< 0.023	< 0.024	< 0.024	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.025	< 0.024	< 0.029	< 0.024	< 0.023	< 0.025
Total Xylenes	260	260	200	< 0.071	< 0.068	< 0.071	< 0.072	< 0.081	< 0.079	< 0.071	< 0.074	< 0.069	< 0.074	< 0.072	< 0.087	< 0.071	< 0.07	< 0.074
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.024	< 0.023	< 0.024	**0.3**	< 0.027	< 0.026	**0.39**	**0.56**	**0.57**	< 0.025	< 0.024	< 0.029	< 0.024	**0.37**	**0.14 MX**
Trichloroethene	5.7	19	0.036	**0.34**	**5.6 M1**	**86 E**	**36 E**	**180 E**	**0.66**	**13 E**	**110 E**	**4.1**	< 0.025	**0.053**	**0.11**	< 0.024	**25 E**	**0.053**
Vinyl chloride	0.83	17	0.014	< 0.024	< 0.023 X	< 0.024	< 0.024	< 0.027	< 0.026	**0.028**	**0.043 HC**	**0.046 HC**	< 0.025	< 0.024	< 0.029	< 0.024 HC	**0.78**	**1.1**

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-2														
	Direct Contact		MTG	SAP-20					SAP-34					SAP-35				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,1-Dichloroethane	50	160	0.16	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,1-Dichloroethene	320	1,000	0.05	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,2,3-Trichlorobenzene	88	930	0.42	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,2,4-Trichlorobenzene	81	260	4.1	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,2,4-Trimethylbenzene	220	220	1.6	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,2-Dichlorobenzene	380	380	12	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,2-Dichloroethane	6.4	20	0.028	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,3,5-Trimethylbenzene	180	180	1.7	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,3-Dichlorobenzene	NA	NA	NA	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
1,4-Dichlorobenzene	36	110	1.4	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
2-Chlorotoluene	910	910	4.7	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
4-Chlorotoluene	250	250	4.8	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Benzene	17	51	0.051	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Carbon Tetrachloride	9.1	29	0.039	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Chlorobenzene	390	760	1.4	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Chloroform	4.5	14	0.44	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Chloromethane	150	460	0.98	< 0.054	< 0.052	< 0.047	**0.16**	< 0.053	< 0.047	< 0.05	< 0.045	< 0.045	< 0.044	< 0.048	< 0.047	< 0.045	< 0.048	< 0.043
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	**0.4**	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Dichloromethane	490	3,200	0.025	< 0.11	< 0.1	< 0.093	< 0.11	< 0.11	< 0.094	< 0.1	< 0.09	< 0.09	< 0.087	< 0.096	< 0.095	< 0.09	< 0.095	< 0.086
Ethylbenzene	81	250	16	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Isopropylbenzene	270	270	15	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
m&p-Xylenes	NA	NA	NA	< 0.054	< 0.052	< 0.047	< 0.057	< 0.053	< 0.047	< 0.05	< 0.045	< 0.045	< 0.044	< 0.048	< 0.047	< 0.045	< 0.048	< 0.043
Naphthalene	53	170	0.11	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
n-Butylbenzene	110	110	64	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
n-Propylbenzene	260	260	25	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
o-Xylene	430	430	3.7	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
sec-Butylbenzene	150	150	120	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Styrene (Monomer)	870	870	2.2	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
tert-Butylbenzene	180	180	31	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Tetrachloroethene	110	170	0.045	**0.048**	**0.032**	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Toluene	820	820	14	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Total Xylenes	260	260	200	< 0.08	< 0.078	< 0.07	< 0.085	< 0.079	< 0.071	< 0.075	< 0.067	< 0.067	< 0.066	< 0.072	< 0.071	< 0.068	< 0.071	< 0.065
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022
Trichloroethene	5.7	19	0.036	**0.074**	**0.21**	**0.023**	< 0.028	< 0.026	< 0.024	**0.034**	**0.1**	**0.14**	< 0.022	**0.21**	**0.25**	**0.036**	< 0.024	< 0.022
Vinyl chloride	0.83	17	0.014	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.024	< 0.025	< 0.022	< 0.022	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024 X	< 0.022

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-2														
	Direct Contact		MTG	SAP-36					SAP-44					SAP-45				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,1-Dichloroethane	50	160	0.16	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024 M
1,1-Dichloroethene	320	1,000	0.05	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024 XM
1,2,3-Trichlorobenzene	88	930	0.42	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,2,4-Trichlorobenzene	81	260	4.1	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,2,4-Trimethylbenzene	220	220	1.6	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,2-Dichlorobenzene	380	380	12	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,2-Dichloroethane	6.4	20	0.028	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,3,5-Trimethylbenzene	180	180	1.7	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,3-Dichlorobenzene	NA	NA	NA	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
1,4-Dichlorobenzene	36	110	1.4	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
2-Chlorotoluene	910	910	4.7	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
4-Chlorotoluene	250	250	4.8	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Benzene	17	51	0.051	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Carbon Tetrachloride	9.1	29	0.039	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Chlorobenzene	390	760	1.4	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Chloroform	4.5	14	0.44	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Chloromethane	150	460	0.98	< 0.049	< 0.05	< 0.045	< 0.048	< 0.046	< 0.044	< 0.048	< 0.045	< 0.048	< 0.047	< 0.049	< 0.047	< 0.044	< 0.046	< 0.048 X
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.025	< 0.025	**0.48**	< 0.024	< 0.023	< 0.022	< 0.024	**0.19**	< 0.024	< 0.024	< 0.025	< 0.023	**0.25**	**0.72**	< 0.024
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Dichloromethane	490	3,200	0.025	< 0.098	< 0.099	< 0.09	< 0.096	< 0.093	< 0.088	< 0.097	< 0.091	< 0.095	< 0.094	< 0.099	< 0.094	< 0.088	< 0.092	< 0.096
Ethylbenzene	81	250	16	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Isopropylbenzene	270	270	15	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
m&p-Xylenes	NA	NA	NA	< 0.049	< 0.05	< 0.045	< 0.048	< 0.046	< 0.044	< 0.048	< 0.045	< 0.048	< 0.047	< 0.049	< 0.047	< 0.044	< 0.046	< 0.048
Naphthalene	53	170	0.11	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
n-Butylbenzene	110	110	64	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
n-Propylbenzene	260	260	25	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
o-Xylene	430	430	3.7	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
sec-Butylbenzene	150	150	120	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Styrene (Monomer)	870	870	2.2	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
tert-Butylbenzene	180	180	31	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Tetrachloroethene	110	170	0.045	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	**0.19**	**14 E**	< 0.023	< 0.024	< 0.024	< 0.025	**0.054**	**22 E**	< 0.023	< 0.024
Toluene	820	820	14	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024
Total Xylenes	260	260	200	< 0.074	< 0.075	< 0.067	< 0.072	< 0.069	< 0.066	< 0.072	< 0.068	< 0.071	< 0.071	< 0.074	< 0.07	< 0.066	< 0.069	< 0.072
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	**0.07**	< 0.024 X
Trichloroethene	5.7	19	0.036	**0.025**	**0.043**	**16 E**	< 0.024	< 0.023	**0.33**	**0.97**	< 0.023	< 0.024	< 0.024	< 0.025	**0.15**	**0.75**	< 0.023	< 0.024
Vinyl chloride	0.83	17	0.014	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.022	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.024 X

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-3																
	Direct Contact		MTG	SAP-04					SAP-05					SAP-06					
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	20'
				8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/16/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,1-Dichloroethane	50	160	0.16	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,1-Dichloroethene	320	1,000	0.05	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,2,3-Trichlorobenzene	88	930	0.42	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,2,4-Trichlorobenzene	81	260	4.1	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,2,4-Trimethylbenzene	220	220	1.6	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,2-Dichlorobenzene	380	380	12	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,2-Dichloroethane	6.4	20	0.028	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,3,5-Trimethylbenzene	180	180	1.7	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,3-Dichlorobenzene	NA	NA	NA	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
1,4-Dichlorobenzene	36	110	1.4	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
2-Chlorotoluene	910	910	4.7	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
4-Chlorotoluene	250	250	4.8	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Benzene	17	51	0.051	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Carbon Tetrachloride	9.1	29	0.039	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Chlorobenzene	390	760	1.4	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Chloroform	4.5	14	0.44	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Chloromethane	150	460	0.98	< 0.054	< 0.057	< 0.045	< 0.047	< 0.049	< 0.064	< 0.046	< 0.047 LC	< 0.052 LC	< 0.047 LC	< 0.053 LC	< 0.049 LC	< 0.05 LC	< 0.05 LC	< 0.048 LC	< 0.048
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	**1.2**	**0.29**	< 0.027	**0.051**	**0.49**	**0.86**	**12 E**	< 0.024
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Dichloromethane	490	3,200	0.025	< 0.11	< 0.11	< 0.089	< 0.094	< 0.098	< 0.13	< 0.093	< 0.094	< 0.1	< 0.095	< 0.11	< 0.097	< 0.1	< 0.099	< 0.097	< 0.097
Ethylbenzene	81	250	16	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Isopropylbenzene	270	270	15	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
m&p-Xylenes	NA	NA	NA	< 0.054	< 0.057	< 0.045	< 0.047	< 0.049	< 0.064	< 0.046	< 0.047	< 0.052	< 0.047	< 0.053	< 0.049	< 0.05	< 0.05	< 0.048	< 0.048
Naphthalene	53	170	0.11	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
n-Butylbenzene	110	110	64	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
n-Propylbenzene	260	260	25	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
o-Xylene	430	430	3.7	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
sec-Butylbenzene	150	150	120	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Styrene (Monomer)	870	870	2.2	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
tert-Butylbenzene	180	180	31	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Tetrachloroethene	110	170	0.045	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	**0.03**	**0.041**	**0.32**	< 0.024
Toluene	820	820	14	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024
Total Xylenes	260	260	200	< 0.081	< 0.085	< 0.067	< 0.07	< 0.074	< 0.096	< 0.07	< 0.07	< 0.078	< 0.071	< 0.08	< 0.073	< 0.075	< 0.075	< 0.073	< 0.072
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	**0.066**	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	**0.064**	< 0.024
Trichloroethene	5.7	19	0.036	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	**0.28**	**0.033**	< 0.027	**0.12**	**1.9**	**2.4**	**46 E**	**0.057**
Vinyl chloride	0.83	17	0.014	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.026	< 0.024	< 0.027	< 0.024	< 0.025	< 0.025	**0.034**	< 0.024

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-3															
	Direct Contact		MTG	SAP-07						SAP-08					SAP-09				
	Residential	Industrial		1'	4'	8'	10'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
1,1-Dichloroethane	50	160	0.16	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
1,1-Dichloroethene	320	1,000	0.05	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	**0.066 HC**
1,2,3-Trichlorobenzene	88	930	0.42	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
1,2,4-Trichlorobenzene	81	260	4.1	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	**0.075**	< 0.025
1,2,4-Trimethylbenzene	220	220	1.6	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	**0.089**	< 0.025
1,2-Dichlorobenzene	380	380	12	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
1,2-Dichloroethane	6.4	20	0.028	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
1,3,5-Trimethylbenzene	180	180	1.7	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	**0.04**	< 0.025
1,3-Dichlorobenzene	NA	NA	NA	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
1,4-Dichlorobenzene	36	110	1.4	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
2-Chlorotoluene	910	910	4.7	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
4-Chlorotoluene	250	250	4.8	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
Benzene	17	51	0.051	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	**0.027**	< 0.025
Carbon Tetrachloride	9.1	29	0.039	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
Chlorobenzene	390	760	1.4	< 0.027	< 0.025	< 0.024	< 0.022	**0.065**	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
Chloroform	4.5	14	0.44	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
Chloromethane	150	460	0.98	< 0.053 LC	< 0.049 LC	< 0.048	< 0.043	< 0.047	< 0.047	< 0.054	< 0.045	< 0.045	< 0.047	< 0.05	< 0.047	< 0.049	< 0.049	< 0.052	**0.5 HC**
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	**0.055**	< 0.025	**0.035**	**130 E**	**41 E**
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	**1.2**	< 0.025
Dichloromethane	490	3,200	0.025	< 0.11	< 0.099	< 0.097	< 0.087	< 0.095	< 0.094	< 0.11	< 0.091	< 0.09	< 0.094	< 0.1	< 0.095	< 0.099	< 0.099	< 0.1	< 0.1
Ethylbenzene	81	250	16	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
Isopropylbenzene	270	270	15	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
m&p-Xylenes	NA	NA	NA	< 0.053	< 0.049	< 0.048	< 0.043	< 0.047	< 0.047	< 0.054	< 0.045	< 0.045	< 0.047	< 0.05	< 0.047	< 0.049	< 0.049	< 0.052	< 0.051
Naphthalene	53	170	0.11	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	**0.054**	< 0.025
n-Butylbenzene	110	110	64	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
n-Propylbenzene	260	260	25	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
o-Xylene	430	430	3.7	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
sec-Butylbenzene	150	150	120	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
Styrene (Monomer)	870	870	2.2	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
tert-Butylbenzene	180	180	31	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
Tetrachloroethene	110	170	0.045	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	< 0.026	< 0.025
Toluene	820	820	14	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	**0.043**	< 0.025
Total Xylenes	260	260	200	< 0.08	< 0.074	< 0.072	< 0.065	< 0.071	< 0.07	< 0.081	< 0.068	< 0.067	< 0.07	< 0.075	< 0.071	< 0.074	< 0.074	< 0.077	< 0.076
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	< 0.025	**0.21**	< 0.025
Trichloroethene	5.7	19	0.036	< 0.027	< 0.025	< 0.024	< 0.022	**0.13**	**0.043**	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024 HC	< 0.025 HC	< 0.025 HC	< 0.026 HC	< 0.025 HC
Vinyl chloride	0.83	17	0.014	< 0.027	< 0.025	< 0.024	< 0.022	< 0.024	< 0.023	< 0.027	< 0.023	< 0.022	< 0.023	< 0.025	< 0.024	< 0.025	**0.14 HC**	**8.9 HC**	**1.8 HC**

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-3														
	Direct Contact		MTG	SAP-28					SAP-29					SAP-30				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,1-Dichloroethane	50	160	0.16	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,1-Dichloroethene	320	1,000	0.05	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	**0.15**	< 0.022
1,2,3-Trichlorobenzene	88	930	0.42	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,2,4-Trichlorobenzene	81	260	4.1	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,2,4-Trimethylbenzene	220	220	1.6	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	**0.04**	< 0.024	< 0.022
1,2-Dichlorobenzene	380	380	12	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,2-Dichloroethane	6.4	20	0.028	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,3,5-Trimethylbenzene	180	180	1.7	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,3-Dichlorobenzene	NA	NA	NA	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
1,4-Dichlorobenzene	36	110	1.4	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
2-Chlorotoluene	910	910	4.7	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
4-Chlorotoluene	250	250	4.8	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Benzene	17	51	0.051	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Carbon Tetrachloride	9.1	29	0.039	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Chlorobenzene	390	760	1.4	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Chloroform	4.5	14	0.44	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Chloromethane	150	460	0.98	< 0.046	< 0.049	< 0.046	< 0.051	< 0.049	< 0.049	< 0.048	< 0.049	< 0.049	< 0.064	< 0.048	< 0.048	< 0.052	< 0.049	< 0.045
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.023	< 0.025	< 0.023	< 0.025	**0.16**	**0.16**	**0.048**	**0.66**	**4.1**	**0.11**	**0.21**	**0.46**	**0.41**	**46 E**	< 0.022
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	**0.099**	< 0.024	< 0.022
Dichloromethane	490	3,200	0.025	< 0.093	< 0.098	< 0.091	< 0.1	< 0.099	< 0.098	< 0.095	< 0.097	< 0.098	< 0.13	< 0.096	< 0.097	< 0.1	< 0.098	< 0.09
Ethylbenzene	81	250	16	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Isopropylbenzene	270	270	15	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
m&p-Xylenes	NA	NA	NA	< 0.046	< 0.049	< 0.046	< 0.051	< 0.049	< 0.049	< 0.048	< 0.049	< 0.049	< 0.064	< 0.048	< 0.048	< 0.052	< 0.049	< 0.045
Naphthalene	53	170	0.11	< 0.023	< 0.025	**0.11**	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
n-Butylbenzene	110	110	64	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
n-Propylbenzene	260	260	25	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
o-Xylene	430	430	3.7	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
sec-Butylbenzene	150	150	120	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Styrene (Monomer)	870	870	2.2	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
tert-Butylbenzene	180	180	31	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Tetrachloroethene	110	170	0.045	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	**0.061**	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Toluene	820	820	14	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	< 0.024	< 0.022
Total Xylenes	260	260	200	< 0.069	< 0.074	< 0.069	< 0.076	< 0.074	< 0.073	< 0.071	< 0.073	< 0.074	< 0.097	< 0.072	< 0.073	< 0.079	< 0.073	< 0.067
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	**0.39**	**0.071**
Trichloroethene	5.7	19	0.036	< 0.023	**0.025**	< 0.023	< 0.025	**0.11**	**0.69**	**0.12**	**0.98**	**2.6**	**1.3**	**0.31**	**0.57**	< 0.026	**15 E**	**0.035**
Vinyl chloride	0.83	17	0.014	< 0.023	< 0.025	< 0.023	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.032	< 0.024	< 0.024	< 0.026	**4**	**0.87**

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-3																
	Direct Contact		MTG	SAP-31					SAP-32						SAP-33				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	11'	12'	16'	1'	4'	8'	12'	16'
				8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
1,1-Dichloroethane	50	160	0.16	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
1,1-Dichloroethene	320	1,000	0.05	< 0.028	< 0.025 X	< 0.024	< 0.031	**0.032**	< 0.023	< 0.025	**0.22**	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.22**	**0.075**
1,2,3-Trichlorobenzene	88	930	0.42	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.34**	< 0.024
1,2,4-Trichlorobenzene	81	260	4.1	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**1.2**	< 0.024
1,2,4-Trimethylbenzene	220	220	1.6	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	**0.08**	**0.083**	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.28**	**0.073**
1,2-Dichlorobenzene	380	380	12	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
1,2-Dichloroethane	6.4	20	0.028	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
1,3,5-Trimethylbenzene	180	180	1.7	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	**0.05**	**0.04**	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.17**	**0.07**
1,3-Dichlorobenzene	NA	NA	NA	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
1,4-Dichlorobenzene	36	110	1.4	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
2-Chlorotoluene	910	910	4.7	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
4-Chlorotoluene	250	250	4.8	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
Benzene	17	51	0.051	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	**0.03**	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.03**	< 0.024
Carbon Tetrachloride	9.1	29	0.039	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
Chlorobenzene	390	760	1.4	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
Chloroform	4.5	14	0.44	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
Chloromethane	150	460	0.98	< 0.057	< 0.049	< 0.049	< 0.062	< 0.05	< 0.045	< 0.049	< 0.045	**0.13 HC**	< 0.046	**0.076 HC**	< 0.043	< 0.049	< 0.049	< 0.047	**0.21 HC**
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.028	< 0.025 X	< 0.024	**0.53**	**9.4**	**0.11**	< 0.025	**110 E**	**3.3**	**3.5**	< 0.023	**0.33**	**0.035**	**1**	**230 E**	**90 E**
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	**0.37**	**0.1**	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.073**	**0.054**
Dichloromethane	490	3,200	0.025	< 0.11	< 0.098 X	< 0.098	< 0.12	< 0.099	< 0.09	< 0.099	< 0.09	< 0.098	< 0.092	< 0.094	< 0.087	< 0.098	< 0.097	< 0.093	< 0.097
Ethylbenzene	81	250	16	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	**0.13**	**0.25**	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.11**	**0.13**
Isopropylbenzene	270	270	15	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
m&p-Xylenes	NA	NA	NA	< 0.057	< 0.049 X	< 0.049	< 0.062	< 0.05	< 0.045	< 0.049	**0.37**	**0.82**	< 0.046	< 0.047	< 0.043	< 0.049	< 0.049	**0.35**	**0.19**
Naphthalene	53	170	0.11	< 0.028	< 0.025 X	< 0.024	**0.039**	< 0.025	< 0.023	< 0.025	**0.048**	**0.066**	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.13**	**0.059**
n-Butylbenzene	110	110	64	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
n-Propylbenzene	260	260	25	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.033**	< 0.024
o-Xylene	430	430	3.7	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	**0.18**	**0.46**	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.16**	**0.19**
sec-Butylbenzene	150	150	120	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
Styrene (Monomer)	870	870	2.2	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
tert-Butylbenzene	180	180	31	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	< 0.023	< 0.024
Tetrachloroethene	110	170	0.045	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	< 0.023	< 0.023	< 0.022	< 0.024	**0.057**	**0.27**	**0.26**
Toluene	820	820	14	< 0.028	< 0.025 X	< 0.024	< 0.031	< 0.025	< 0.023	< 0.025	**0.2**	**0.38**	< 0.023	< 0.023	< 0.022	< 0.024	< 0.024	**0.25**	**0.19**
Total Xylenes	260	260	200	< 0.085	< 0.074 X	< 0.073	< 0.094	< 0.074	< 0.068	< 0.074	**0.55**	**1.3**	< 0.069	< 0.07	< 0.065	< 0.073	< 0.073	**0.51**	**0.38**
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.028	< 0.025 X	< 0.024	< 0.031	**0.17**	< 0.023	< 0.025	**0.2**	**0.38**	**0.11**	< 0.023	< 0.022	< 0.024	< 0.024	**0.61**	**0.26**
Trichloroethene	5.7	19	0.036	**0.031**	< 0.025 X	**0.032**	< 0.031	< 0.025	< 0.023	< 0.025	< 0.023	< 0.025	**0.38**	< 0.023	**0.22**	< 0.024	**8.7**	**160 E**	**250 E**
Vinyl chloride	0.83	17	0.014	< 0.028	< 0.025 X	< 0.024	**0.76**	**2**	< 0.023	< 0.025	**13 HCE**	**1 HC**	**0.051 HC**	< 0.023	< 0.022	< 0.024	< 0.024	**1.7 HC**	**1.4 HC**

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-3																		
	Direct Contact		MTG	SAP-33B				SAP-37					SAP-38					SAP-39				
	Residential	Industrial		6-8'	10-12'	14-16'	19-20'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				11/5/2018	11/5/2018	11/5/2018	11/5/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,1-Dichloroethane	50	160	0.16	< 0.00072	< 1.3	< 0.00089	< 0.77	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,1-Dichloroethene	320	1,000	0.05	< 0.00072	< 1.3	**0.0331**	< 0.77	< 0.023	< 0.025	< 0.024	**0.037**	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,2,3-Trichlorobenzene	88	930	0.42	< 0.0036	< 6.6	< 0.0045	< 3.9	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,2,4-Trichlorobenzene	81	260	4.1	< 0.0036	**3.06 J**	< 0.0045	< 3.9	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	**0.054**	< 0.026	< 0.023
1,2,4-Trimethylbenzene	220	220	1.6	< 0.0014	**1.21 J**	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,2-Dichlorobenzene	380	380	12	< 0.00072	< 1.3	< 0.00089	< 0.77	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,2-Dichloroethane	6.4	20	0.028	< 0.00072	< 1.3	< 0.00089	< 0.77	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,3,5-Trimethylbenzene	180	180	1.7	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,3-Dichlorobenzene	NA	NA	NA	< 0.00072	< 1.3	< 0.00089	< 0.77	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
1,4-Dichlorobenzene	36	110	1.4	< 0.00072	< 1.3	< 0.00089	< 0.77	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
2-Chlorotoluene	910	910	4.7	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
4-Chlorotoluene	250	250	4.8	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Benzene	17	51	0.051	< 0.00036	< 0.66	**0.0018**	< 0.39	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Carbon Tetrachloride	9.1	29	0.039	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Chlorobenzene	390	760	1.4	< 0.0014	< 2.6	**0.00052 J**	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Chloroform	4.5	14	0.44	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Chloromethane	150	460	0.98	< 0.0036	< 6.6	< 0.0045	< 3.9	< 0.045	< 0.05	< 0.048	< 0.048	< 0.046	< 0.047	< 0.045	< 0.047	< 0.059	< 0.049	< 0.046	< 0.048	< 0.048	< 0.052	< 0.046
cis-1,2-Dichloroethene	220	2,300	0.41	**0.0374**	**217**	**84**	**514**	< 0.023	< 0.025	**0.078**	**6.7**	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	**0.63**	**0.37**	**3.2**	**1.9**	**2.3**
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Dichloromethane	490	3,200	0.025	< 0.0036	< 6.6	< 0.0045	< 3.9	< 0.09	< 0.1	< 0.097	< 0.096	< 0.092	< 0.094	< 0.091	< 0.094	< 0.12	< 0.098	< 0.092	< 0.095	< 0.096	< 0.1	< 0.092
Ethylbenzene	81	250	16	< 0.00072	< 1.3	**0.0013**	< 0.77	**0.033**	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Isopropylbenzene	270	270	15	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
m&p-Xylenes	NA	NA	NA	< 0.00072	**1.37**	**0.00093**	< 0.77	**0.048**	< 0.05	< 0.048	< 0.048	< 0.046	< 0.047	< 0.045	< 0.047	< 0.059	< 0.049	< 0.046	< 0.048	< 0.048	< 0.052	< 0.046
Naphthalene	53	170	0.11	< 0.0036	< 6.6	< 0.0045	< 3.9	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
n-Butylbenzene	110	110	64	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
n-Propylbenzene	260	260	25	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
o-Xylene	430	430	3.7	< 0.00072	< 1.3	**0.0015**	< 0.77	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
sec-Butylbenzene	150	150	120	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Styrene (Monomer)	870	870	2.2	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
tert-Butylbenzene	180	180	31	< 0.0014	< 2.6	< 0.0018	< 1.5	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Tetrachloroethene	110	170	0.045	**0.0011 J**	**0.993 J**	**0.0194**	< 1.5	< 0.023	< 0.025	**0.034**	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	**0.024**	**0.32**	**1.3**	< 0.023
Toluene	820	820	14	< 0.00072	< 1.3	**0.0068**	< 0.77	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Total Xylenes	260	260	200	< 0.00072	**1.37**	**0.0024**	< 0.77	< 0.068	< 0.075	< 0.072	< 0.072	< 0.069	< 0.07	< 0.068	< 0.07	< 0.089	< 0.074	< 0.069	< 0.071	< 0.072	< 0.078	< 0.069
trans-1,2-Dichloroethene	1,900	1,900	0.62	**0.0011**	< 1.3	**0.133**	**2.21**	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	< 0.023
Trichloroethene	5.7	19	0.036	**1.35**	**1400**	**386**	**0.973**	< 0.023	< 0.025	**4.7**	< 0.024	< 0.023	< 0.023	**0.038**	**0.15**	**0.042**	**0.094**	**0.33**	**0.86**	**6.1**	**24 E**	**0.084**
Vinyl chloride	0.83	17	0.014	**0.0014**	**1.93 J**	**1.56**	**6.47**	< 0.023	< 0.025	< 0.024	**0.059**	< 0.023	< 0.023	< 0.023	< 0.023	< 0.03	< 0.025	< 0.023	< 0.024	< 0.024	< 0.026	**0.048**

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-3														
	Direct Contact		MTG	SAP-46					SAP-47					SAP-48				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,1-Dichloroethane	50	160	0.16	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,1-Dichloroethene	320	1,000	0.05	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,2,3-Trichlorobenzene	88	930	0.42	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,2,4-Trichlorobenzene	81	260	4.1	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,2,4-Trimethylbenzene	220	220	1.6	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,2-Dichlorobenzene	380	380	12	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,2-Dichloroethane	6.4	20	0.028	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,3,5-Trimethylbenzene	180	180	1.7	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,3-Dichlorobenzene	NA	NA	NA	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
1,4-Dichlorobenzene	36	110	1.4	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
2-Chlorotoluene	910	910	4.7	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
4-Chlorotoluene	250	250	4.8	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Benzene	17	51	0.051	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Carbon Tetrachloride	9.1	29	0.039	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Chlorobenzene	390	760	1.4	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Chloroform	4.5	14	0.44	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Chloromethane	150	460	0.98	< 0.047	< 0.046	< 0.046	< 0.046	< 0.048	< 0.046	< 0.047	< 0.051	< 0.046	< 0.048	< 0.045	< 0.049	< 0.049	< 0.047	< 0.048
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	**0.1**	< 0.024	< 0.022	< 0.024	< 0.025	**0.046**	< 0.024
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Dichloromethane	490	3,200	0.025	< 0.094	< 0.092	< 0.092	< 0.093	< 0.096	< 0.092	< 0.094	< 0.1	< 0.092	< 0.095	< 0.09	< 0.098	< 0.099	< 0.093	< 0.096
Ethylbenzene	81	250	16	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Isopropylbenzene	270	270	15	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
m&p-Xylenes	NA	NA	NA	< 0.047	< 0.046	< 0.046	< 0.046	< 0.048	< 0.046	< 0.047	< 0.051	< 0.046	< 0.048	< 0.045	< 0.049	< 0.049	< 0.047	< 0.048
Naphthalene	53	170	0.11	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
n-Butylbenzene	110	110	64	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
n-Propylbenzene	260	260	25	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
o-Xylene	430	430	3.7	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
sec-Butylbenzene	150	150	120	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Styrene (Monomer)	870	870	2.2	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
tert-Butylbenzene	180	180	31	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Tetrachloroethene	110	170	0.045	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	**0.11**	< 0.024
Toluene	820	820	14	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Total Xylenes	260	260	200	< 0.07	< 0.069	< 0.069	< 0.07	< 0.072	< 0.069	< 0.071	< 0.077	< 0.069	< 0.071	< 0.067	< 0.073	< 0.074	< 0.07	< 0.072
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024
Trichloroethene	5.7	19	0.036	**0.036**	**0.024**	**0.084**	< 0.023	< 0.024	< 0.023	< 0.024	**0.087**	**33 E**	< 0.024	< 0.022	< 0.024	< 0.025	**8.3**	< 0.024
Vinyl chloride	0.83	17	0.014	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-3																
	Direct Contact		MTG	SAP-49							SAP-50					SAP-51				
	Residential	Industrial		0-1'	2-4'	7-8'	Dup 7-8'	10-12'	15-16'	19-20'	0-1'	3-4'	7-8'	11-12'	15-16'	3-4'	7-8'	11-12'	15-16'
				11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	**0.00061 J**	< 0.0015
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
1,1-Dichloroethane	50	160	0.16	< 0.00068	< 0.00090	< 0.0011	< 0.00090	< 0.00098	< 0.00098	< 0.00063	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	**0.00051 J**	< 0.00076
1,1-Dichloroethene	320	1,000	0.05	< 0.00068	< 0.00090	< 0.0011	< 0.00090	**0.0324**	< 0.00098	< 0.00063	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	**0.00077 J**	< 0.00076
1,2,3-Trichlorobenzene	88	930	0.42	< 0.0034	< 0.0045	< 0.0054	< 0.0045	< 0.0049	< 0.0049	< 0.0032	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038
1,2,4-Trichlorobenzene	81	260	4.1	< 0.0034	< 0.0045	< 0.0054	< 0.0045	< 0.0049	< 0.0049	< 0.0032	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038
1,2,4-Trimethylbenzene	220	220	1.6	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
1,2-Dichlorobenzene	380	380	12	< 0.00068	< 0.00090	< 0.0011	< 0.00090	< 0.00098	< 0.00098	< 0.00063	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076
1,2-Dichloroethane	6.4	20	0.028	< 0.00068	< 0.00090	< 0.0011	< 0.00090	< 0.00098	< 0.00098	< 0.00063	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076
1,3,5-Trimethylbenzene	180	180	1.7	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
1,3-Dichlorobenzene	NA	NA	NA	< 0.00068	< 0.00090	< 0.0011	< 0.00090	< 0.00098	< 0.00098	< 0.00063	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076
1,4-Dichlorobenzene	36	110	1.4	< 0.00068	< 0.00090	< 0.0011	< 0.00090	< 0.00098	< 0.00098	< 0.00063	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076
2-Chlorotoluene	910	910	4.7	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
4-Chlorotoluene	250	250	4.8	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
Benzene	17	51	0.051	< 0.00034	< 0.00045	< 0.00054	< 0.00045	**0.0012**	< 0.00049	< 0.00032	< 0.00051	< 0.00059	< 0.00048	< 0.045	< 0.00052	< 0.00045	< 0.00023	< 0.00048	< 0.00038
Carbon Tetrachloride	9.1	29	0.039	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
Chlorobenzene	390	760	1.4	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
Chloroform	4.5	14	0.44	< 0.0014	< 0.0018	**0.00043 J**	< 0.0018	**0.00036 J**	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
Chloromethane	150	460	0.98	< 0.0034	< 0.0045	< 0.0054	< 0.0045	< 0.0049	< 0.0049	< 0.0032	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.00068	**0.0035**	**0.0429**	**0.0306**	**2.35**	**0.0046**	< 0.00063	**0.0020**	**0.0081**	**0.0029**	< 0.09	< 0.0010	**0.0199**	< 0.00045	**0.0094**	**0.0184**
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
Dichloromethane	490	3,200	0.025	< 0.0034	< 0.0045	< 0.0054	< 0.0045	< 0.0049	< 0.0049	< 0.0032	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038
Ethylbenzene	81	250	16	< 0.00068	< 0.00090	< 0.0011	< 0.00090	< 0.00098	< 0.00098	< 0.00063	**0.0096**	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076
Isopropylbenzene	270	270	15	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
m&p-Xylenes	NA	NA	NA	< 0.00068	< 0.00090	< 0.0011	< 0.00090	< 0.00098	< 0.00098	< 0.00063	**0.0494**	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076
Naphthalene	53	170	0.11	< 0.0034	< 0.0045	< 0.0054	< 0.0045	< 0.0049	< 0.0049	< 0.0032	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038
n-Butylbenzene	110	110	64	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
n-Propylbenzene	260	260	25	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
o-Xylene	430	430	3.7	< 0.00068	< 0.00090	< 0.0011	< 0.00090	< 0.00098	< 0.00098	< 0.00063	**0.0168**	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076
sec-Butylbenzene	150	150	120	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
Styrene (Monomer)	870	870	2.2	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
tert-Butylbenzene	180	180	31	< 0.0014	< 0.0018	< 0.0022	< 0.0018	< 0.0020	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
Tetrachloroethene	110	170	0.045	< 0.0014	< 0.0018	**0.00072 J**	**0.00056 J**	**0.0034**	< 0.0020	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015
Toluene	820	820	14	< 0.00068	< 0.00090	< 0.0011	< 0.00090	**0.00084 J**	< 0.00098	< 0.00063	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076
Total Xylenes	260	260	200	< 0.00068	< 0.00090	< 0.0011	< 0.00090	< 0.00098	< 0.00098	< 0.00063	**0.0662**	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.00068	< 0.00090	**0.00085 J**	< 0.00090	**0.0259**	< 0.00098	< 0.00063	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	**0.0016**	**0.0027**
Trichloroethene	5.7	19	0.036	**0.0162**	**0.0725**	**2.01**	**1.5**	**192**	< 0.00098	< 0.00063	**0.0012**	**0.0044**	**0.0022**	< 0.09	< 0.0010	**0.0095**	< 0.00045	**5.45**	**8.69**
Vinyl chloride	0.83	17	0.014	< 0.0014	< 0.0018	< 0.0022	< 0.0018	**0.0063**	**0.0222**	< 0.0013	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	**0.0014 J**	< 0.00091	< 0.0019	**0.0012 J**

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-4																				
	Direct Contact		MTG	SAP-21					SAP-22					SAP-23					SAP-24				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	**0.36**	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,1-Dichloroethane	50	160	0.16	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,1-Dichloroethene	320	1,000	0.05	< 0.022	< 0.024	**0.041**	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	**0.19**	**0.18**	< 0.025	< 0.024	< 0.024	**0.25**	**0.57**	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,2,3-Trichlorobenzene	88	930	0.42	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,2,4-Trichlorobenzene	81	260	4.1	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,2,4-Trimethylbenzene	220	220	1.6	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	**0.055**	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,2-Dichlorobenzene	380	380	12	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,2-Dichloroethane	6.4	20	0.028	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,3,5-Trimethylbenzene	180	180	1.7	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	**0.045**	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,3-Dichlorobenzene	NA	NA	NA	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
1,4-Dichlorobenzene	36	110	1.4	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
2-Chlorotoluene	910	910	4.7	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
4-Chlorotoluene	250	250	4.8	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Benzene	17	51	0.051	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Carbon Tetrachloride	9.1	29	0.039	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Chlorobenzene	390	760	1.4	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Chloroform	4.5	14	0.44	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Chloromethane	150	460	0.98	< 0.045	< 0.049	< 0.053	< 0.047	< 0.045	**1.4**	< 0.05	< 0.051	**0.3**	**0.71**	< 0.049	< 0.047	< 0.048	< 0.047	**0.24 HC**	< 0.051	< 0.05	< 0.052	**0.38 HC**	< 0.051
cis-1,2-Dichloroethene	220	2,300	0.41	**0.31**	**0.11**	**0.51**	< 0.023	< 0.023	**0.73**	< 0.025	< 0.025	**1.6**	**6**	< 0.025	< 0.024	< 0.024	**0.58**	**2.7**	< 0.026	< 0.025	< 0.026	**0.18**	< 0.025
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	**0.047**	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Dichloromethane	490	3,200	0.025	< 0.09	< 0.098	< 0.11	< 0.094	< 0.091	< 0.17	< 0.099	< 0.1	< 0.094	< 0.092	< 0.099	< 0.095	< 0.096	< 0.094	< 0.09	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	81	250	16	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Isopropylbenzene	270	270	15	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
m&p-Xylenes	NA	NA	NA	< 0.045	< 0.049	< 0.053	< 0.047	< 0.045	< 0.083	< 0.05	< 0.051	< 0.047	< 0.046	< 0.049	< 0.047	< 0.048	< 0.047	< 0.045	< 0.051	< 0.05	< 0.052	< 0.051	< 0.051
Naphthalene	53	170	0.11	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024 X	< 0.024	**0.026**	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
n-Butylbenzene	110	110	64	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
n-Propylbenzene	260	260	25	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
o-Xylene	430	430	3.7	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
sec-Butylbenzene	150	150	120	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Styrene (Monomer)	870	870	2.2	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
tert-Butylbenzene	180	180	31	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Tetrachloroethene	110	170	0.045	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	**3.1**	< 0.025	< 0.025	**1.4**	< 0.023	< 0.025	< 0.024	**1.2**	**16 E**	**0.053**	< 0.026	< 0.025	**0.29**	< 0.026	< 0.025
Toluene	820	820	14	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	**0.036**	< 0.023	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Total Xylenes	260	260	200	< 0.067	< 0.073	< 0.08	< 0.07	< 0.068	< 0.13	< 0.074	< 0.076	< 0.07	< 0.069	< 0.074	< 0.071	< 0.072	< 0.071	< 0.068	< 0.077	< 0.075	< 0.077	< 0.077	< 0.076
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.022	< 0.024	**0.068**	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	**2.1**	< 0.025	< 0.024	< 0.024	< 0.024	**0.46**	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025
Trichloroethene	5.7	19	0.036	**3.1**	**3.6**	**45 E**	< 0.023	**0.04**	**360 E**	**0.71**	**2.4**	**320 E**	**0.48**	**1.3**	**0.64 M1**	**7.2**	**370 E**	**120 E**	**0.18**	**0.15**	**89 E**	**1.2**	**0.076**
Vinyl chloride	0.83	17	0.014	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	**0.069**	**0.38**	< 0.025	< 0.024 X	< 0.024	**0.041**	**0.18**	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-4																			
	Direct Contact		MTG	SAP-25					SAP-26					SAP-27					SAP-40				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	**0.15**	**0.32**	< 0.022	< 0.024
1,1-Dichloroethane	50	160	0.16	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,1-Dichloroethene	320	1,000	0.05	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	**0.61**	**0.22**	< 0.024 MX
1,2,3-Trichlorobenzene	88	930	0.42	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,2,4-Trichlorobenzene	81	260	4.1	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,2,4-Trimethylbenzene	220	220	1.6	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,2-Dichlorobenzene	380	380	12	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,2-Dichloroethane	6.4	20	0.028	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,3,5-Trimethylbenzene	180	180	1.7	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,3-Dichlorobenzene	NA	NA	NA	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
1,4-Dichlorobenzene	36	110	1.4	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
2-Chlorotoluene	910	910	4.7	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
4-Chlorotoluene	250	250	4.8	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
Benzene	17	51	0.051	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
Carbon Tetrachloride	9.1	29	0.039	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024 M
Chlorobenzene	390	760	1.4	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
Chloroform	4.5	14	0.44	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	**0.052**	**0.031**	< 0.022	< 0.024
Chloromethane	150	460	0.98	< 0.061	< 0.072	< 0.052	**0.4 HC**	< 0.048	< 0.054	< 0.054	**0.45 HC**	**0.36 HC**	**0.35 HC**	< 0.075	< 0.05	< 0.049	**0.21 HC**	**0.34 HC**	< 0.047	< 0.049	< 0.049	**0.16**	**0.22 M1X**
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.031	< 0.036	< 0.026	**0.22**	< 0.024	< 0.027	**0.11**	**2.6**	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	**0.68**	**3.3**	**69 E**	**160 E**	< 0.024
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
Dichloromethane	490	3,200	0.025	< 0.12	< 0.14	< 0.1	< 0.096	< 0.097	< 0.11	< 0.11	< 0.12	< 0.11	< 0.094	< 0.15	< 0.099	< 0.097	< 0.098	< 0.092	< 0.095	< 0.098	< 0.098	< 0.09	< 0.094
Ethylbenzene	81	250	16	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
Isopropylbenzene	270	270	15	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
m&p-Xylenes	NA	NA	NA	< 0.061	< 0.072	< 0.052	< 0.048	< 0.048	< 0.054	< 0.054	< 0.061	< 0.054	< 0.047	< 0.075	< 0.05 X	< 0.049	< 0.049	< 0.046	< 0.047	< 0.049	< 0.049	< 0.045	< 0.047
Naphthalene	53	170	0.11	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
n-Butylbenzene	110	110	64	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
n-Propylbenzene	260	260	25	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
o-Xylene	430	430	3.7	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
sec-Butylbenzene	150	150	120	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
Styrene (Monomer)	870	870	2.2	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
tert-Butylbenzene	180	180	31	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025 X	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	< 0.025	< 0.022	< 0.024
Tetrachloroethene	110	170	0.045	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	**0.028**	< 0.03	< 0.027	< 0.023	< 0.037	**0.24 X**	< 0.024	< 0.025	< 0.023	**0.042**	**0.16**	**0.17**	< 0.022	< 0.024
Toluene	820	820	14	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	**0.081**	< 0.022	< 0.024
Total Xylenes	260	260	200	< 0.092	< 0.11	< 0.078	< 0.072	< 0.072	< 0.082	< 0.082	< 0.091	< 0.08	< 0.07	< 0.11	< 0.074	< 0.073	< 0.074	< 0.069	< 0.071	< 0.074	< 0.074	< 0.067	< 0.071
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	**0.033**	**1.2**	**1.2**	< 0.024
Trichloroethene	5.7	19	0.036	**0.71**	**0.67**	**8.3**	**40 E**	< 0.024	**1.9**	**8.2**	**12**	**0.073**	< 0.023	< 0.037	**0.63 M1X**	< 0.024	< 0.025	**0.036**	**12 E**	**73 E**	**280 E**	**0.091**	**0.034**
Vinyl chloride	0.83	17	0.014	< 0.031	< 0.036	< 0.026	< 0.024	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.024	< 0.025	< 0.023	< 0.024	< 0.025	**0.032**	**0.13**	< 0.024

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-4																			
	Direct Contact		MTG	SAP-41					SAP-42					SAP-43					SAP-52			
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	3-4'	7-8'	11-12'	15-16'
				8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
1,1-Dichloroethane	50	160	0.16	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00091	< 0.00091	< 0.0011	< 0.0011
1,1-Dichloroethene	320	1,000	0.05	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00091	< 0.00091	< 0.0011	< 0.0011
1,2,3-Trichlorobenzene	88	930	0.42	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0045	< 0.0046	< 0.0053	< 0.0054
1,2,4-Trichlorobenzene	81	260	4.1	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0045	< 0.0046	< 0.0053	< 0.0054
1,2,4-Trimethylbenzene	220	220	1.6	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
1,2-Dichlorobenzene	380	380	12	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00091	< 0.00091	< 0.0011	< 0.0011
1,2-Dichloroethane	6.4	20	0.028	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00091	< 0.00091	< 0.0011	< 0.0011
1,3,5-Trimethylbenzene	180	180	1.7	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
1,3-Dichlorobenzene	NA	NA	NA	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00091	< 0.00091	< 0.0011	< 0.0011
1,4-Dichlorobenzene	36	110	1.4	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00091	< 0.00091	< 0.0011	< 0.0011
2-Chlorotoluene	910	910	4.7	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
4-Chlorotoluene	250	250	4.8	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
Benzene	17	51	0.051	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00045	< 0.00046	< 0.00053	< 0.00054
Carbon Tetrachloride	9.1	29	0.039	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
Chlorobenzene	390	760	1.4	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
Chloroform	4.5	14	0.44	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
Chloromethane	150	460	0.98	< 0.049	< 0.049	< 0.049	< 0.047	**0.087**	< 0.049	< 0.05	< 0.048	< 0.049	< 0.05	< 0.047	< 0.047	< 0.048	< 0.049	< 0.049	< 0.0045	< 0.0046	< 0.0053	< 0.0054
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.025	**0.033**	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	**0.38 M**	< 0.00091	< 0.00091	< 0.0011	< 0.0011
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
Dichloromethane	490	3,200	0.025	< 0.098	< 0.098	< 0.097	< 0.094	< 0.095	< 0.097	< 0.1	< 0.096	< 0.097	< 0.099	< 0.094	< 0.095	< 0.096	< 0.099	< 0.099	< 0.0045	< 0.0046	< 0.0053	< 0.0054
Ethylbenzene	81	250	16	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00091	< 0.00091	< 0.0011	< 0.0011
Isopropylbenzene	270	270	15	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
m&p-Xylenes	NA	NA	NA	< 0.049	< 0.049	< 0.049	< 0.047	< 0.047	< 0.049	< 0.05	< 0.048	< 0.049	< 0.05	< 0.047	< 0.047	< 0.048	< 0.049	< 0.049	< 0.00091	< 0.00091	< 0.0011	< 0.0011
Naphthalene	53	170	0.11	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0045	< 0.0046	< 0.0053	< 0.0054
n-Butylbenzene	110	110	64	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
n-Propylbenzene	260	260	25	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
o-Xylene	430	430	3.7	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00091	< 0.00091	< 0.0011	< 0.0011
sec-Butylbenzene	150	150	120	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
Styrene (Monomer)	870	870	2.2	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
tert-Butylbenzene	180	180	31	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022
Tetrachloroethene	110	170	0.045	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	**0.082**	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	**1.5 M**	< 0.0018	< 0.0018	< 0.0021	**0.00054 J**
Toluene	820	820	14	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.00091	< 0.00091	< 0.0011	< 0.0011
Total Xylenes	260	260	200	< 0.074	< 0.074	< 0.073	< 0.071	< 0.071	< 0.073	< 0.075	< 0.072	< 0.073	< 0.074	< 0.071	< 0.071	< 0.072	< 0.074	< 0.074	< 0.00091	< 0.00091	< 0.0011	< 0.0011
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025 M	< 0.00091	< 0.00091	< 0.0011	< 0.0011
Trichloroethene	5.7	19	0.036	**0.83**	**2.4**	**0.78**	< 0.024	< 0.024	**4.9**	**0.11**	**0.2**	**0.27**	< 0.025	**0.25**	**0.065**	**0.29**	**0.2**	**130 M1E**	< 0.00091	< 0.00091	< 0.0011	< 0.0011
Vinyl chloride	0.83	17	0.014	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.025	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.0018	< 0.0018	< 0.0021	< 0.0022

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			AOC-4												
	Direct Contact		MTG	SAP-53				SAP-54					SAP-55			
	Residential	Industrial		3-4'	6-8'	10-12'	14-16'	3-4'	7-8'	Dup 7-8'	11-12'	15-16'	2-4'	7-8'	11-12'	15-16'
				11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
1,1-Dichloroethane	50	160	0.16	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
1,1-Dichloroethene	320	1,000	0.05	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	**0.00054 J**	< 0.0010	< 0.00050
1,2,3-Trichlorobenzene	88	930	0.42	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0037	< 0.0031	< 0.0046	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025
1,2,4-Trichlorobenzene	81	260	4.1	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0037	< 0.0031	< 0.0046	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025
1,2,4-Trimethylbenzene	220	220	1.6	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
1,2-Dichlorobenzene	380	380	12	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
1,2-Dichloroethane	6.4	20	0.028	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
1,3,5-Trimethylbenzene	180	180	1.7	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
1,3-Dichlorobenzene	NA	NA	NA	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
1,4-Dichlorobenzene	36	110	1.4	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
2-Chlorotoluene	910	910	4.7	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
4-Chlorotoluene	250	250	4.8	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
Benzene	17	51	0.051	< 0.00030	< 0.00047	< 0.00024	< 0.00050	< 0.00037	< 0.00031	< 0.00046	< 0.00056	< 0.00050	< 0.00041	< 0.00029	< 0.00051	< 0.00025
Carbon Tetrachloride	9.1	29	0.039	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
Chlorobenzene	390	760	1.4	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
Chloroform	4.5	14	0.44	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
Chloromethane	150	460	0.98	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0037	< 0.0031	< 0.0046	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	**0.00090 J**	< 0.0011	**0.0085**	< 0.00081	**0.0152**	< 0.0010	< 0.00050
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
Dichloromethane	490	3,200	0.025	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0037	< 0.0031	< 0.0046	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025
Ethylbenzene	81	250	16	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
Isopropylbenzene	270	270	15	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
m&p-Xylenes	NA	NA	NA	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
Naphthalene	53	170	0.11	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0037	< 0.0031	< 0.0046	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025
n-Butylbenzene	110	110	64	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
n-Propylbenzene	260	260	25	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
o-Xylene	430	430	3.7	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
sec-Butylbenzene	150	150	120	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
Styrene (Monomer)	870	870	2.2	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
tert-Butylbenzene	180	180	31	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099
Tetrachloroethene	110	170	0.045	**0.00035 J**	**0.00069 J**	**0.00052 J**	< 0.0020	**0.00053 J**	< 0.0012	< 0.0018	**0.00087 J**	**0.0034**	**0.00080 J**	< 0.0012	< 0.0020	< 0.00099
Toluene	820	820	14	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
Total Xylenes	260	260	200	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00074	< 0.00062	< 0.00092	< 0.0011	**0.0035**	< 0.00081	**0.0020**	< 0.0010	< 0.00050
Trichloroethene	5.7	19	0.036	**0.0026**	**0.0012**	**0.0027**	< 0.0010	**0.0105**	**0.0104**	**0.0232**	**0.0112**	**3.29**	**1.28**	**6.93**	< 0.0010	< 0.00050
Vinyl chloride	0.83	17	0.014	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0015	< 0.0012	< 0.0018	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			Other Areas														
	Direct Contact		MTG	SAP-01					SAP-02					SAP-03				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,1-Dichloroethane	50	160	0.16	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,1-Dichloroethene	320	1,000	0.05	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,2,3-Trichlorobenzene	88	930	0.42	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,2,4-Trichlorobenzene	81	260	4.1	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,2,4-Trimethylbenzene	220	220	1.6	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,2-Dichlorobenzene	380	380	12	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,2-Dichloroethane	6.4	20	0.028	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,3,5-Trimethylbenzene	180	180	1.7	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,3-Dichlorobenzene	NA	NA	NA	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
1,4-Dichlorobenzene	36	110	1.4	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
2-Chlorotoluene	910	910	4.7	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
4-Chlorotoluene	250	250	4.8	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Benzene	17	51	0.051	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Carbon Tetrachloride	9.1	29	0.039	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Chlorobenzene	390	760	1.4	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Chloroform	4.5	14	0.44	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Chloromethane	150	460	0.98	< 0.054	< 0.051	< 0.048	< 0.056	< 0.064	< 0.05	< 0.047	< 0.046	< 0.049	< 0.048	< 0.052	< 0.05	< 0.049	< 0.051	< 0.051
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Dichloromethane	490	3,200	0.025	< 0.11	< 0.1	< 0.096	< 0.11	< 0.13	< 0.1	< 0.095	< 0.093	< 0.097	< 0.095	< 0.1	< 0.099	< 0.098	< 0.1	< 0.1
Ethylbenzene	81	250	16	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Isopropylbenzene	270	270	15	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
m&p-Xylenes	NA	NA	NA	< 0.054	< 0.051	< 0.048	< 0.056	< 0.064	< 0.05	< 0.047	< 0.046	< 0.049	< 0.048	< 0.052	< 0.05	< 0.049	< 0.051	< 0.051
Naphthalene	53	170	0.11	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
n-Butylbenzene	110	110	64	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
n-Propylbenzene	260	260	25	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
o-Xylene	430	430	3.7	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
sec-Butylbenzene	150	150	120	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Styrene (Monomer)	870	870	2.2	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
tert-Butylbenzene	180	180	31	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Tetrachloroethene	110	170	0.045	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Toluene	820	820	14	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Total Xylenes	260	260	200	< 0.081	< 0.076	< 0.072	< 0.084	< 0.095	< 0.075	< 0.071	< 0.07	< 0.073	< 0.071	< 0.078	< 0.074	< 0.074	< 0.077	< 0.076
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Trichloroethene	5.7	19	0.036	< 0.027	< 0.025	< 0.024	< 0.028	**0.053**	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025
Vinyl chloride	0.83	17	0.014	< 0.027	< 0.025	< 0.024	< 0.028	< 0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 13
Source Area Soil Analytical Data (mg/kg)
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Levels			Other Areas									
	Direct Contact		MTG	SAP-10					SAP-11				
	Residential	Industrial		1'	4'	8'	12'	16'	1'	4'	8'	12'	16'
				8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018
1,1,1-Trichloroethane	640	640	1.4	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,1,2,2-Tetrachloroethane	8.4	27	0.0059	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,1,2-Trichloroethane	2.1	6.3	0.032	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,1-Dichloroethane	50	160	0.16	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,1-Dichloroethene	320	1,000	0.05	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,2,3-Trichlorobenzene	88	930	0.42	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,2,4-Trichlorobenzene	81	260	4.1	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,2,4-Trimethylbenzene	220	220	1.6	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,2-Dichlorobenzene	380	380	12	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,2-Dichloroethane	6.4	20	0.028	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,3,5-Trimethylbenzene	180	180	1.7	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,3-Dichlorobenzene	NA	NA	NA	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
1,4-Dichlorobenzene	36	110	1.4	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
2-Chlorotoluene	910	910	4.7	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
4-Chlorotoluene	250	250	4.8	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Benzene	17	51	0.051	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Carbon Tetrachloride	9.1	29	0.039	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Chlorobenzene	390	760	1.4	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Chloroform	4.5	14	0.44	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Chloromethane	150	460	0.98	< 0.047 LC	< 0.058 LC	< 0.045 LC	< 0.048 LC	**0.32 LC**	< 0.047 LC	< 0.048 LC	< 0.046	< 0.048	< 0.056
cis-1,2-Dichloroethene	220	2,300	0.41	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Dichloromethane	490	3,200	0.025	< 0.093	< 0.12	< 0.091	< 0.096	< 0.11	< 0.094	< 0.097	< 0.092	< 0.096	< 0.11
Ethylbenzene	81	250	16	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Isopropylbenzene	270	270	15	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
m&p-Xylenes	NA	NA	NA	< 0.047	< 0.058	< 0.045	< 0.048	< 0.055	< 0.047	< 0.048	< 0.046	< 0.048	< 0.056
Naphthalene	53	170	0.11	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	**0.041**	< 0.024	< 0.023	< 0.024	< 0.028
n-Butylbenzene	110	110	64	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
n-Propylbenzene	260	260	25	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
o-Xylene	430	430	3.7	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
sec-Butylbenzene	150	150	120	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Styrene (Monomer)	870	870	2.2	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
tert-Butylbenzene	180	180	31	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Tetrachloroethene	110	170	0.045	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Toluene	820	820	14	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	**0.024**	< 0.024	< 0.023	< 0.024	< 0.028
Total Xylenes	260	260	200	< 0.07	< 0.086	< 0.068	< 0.072	< 0.082	< 0.07	< 0.072	< 0.069	< 0.072	< 0.084
trans-1,2-Dichloroethene	1,900	1,900	0.62	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028
Trichloroethene	5.7	19	0.036	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	**0.027**	< 0.024	< 0.023	< 0.024	< 0.028
Vinyl chloride	0.83	17	0.014	< 0.023	< 0.029	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024	< 0.023	< 0.024	< 0.028

Results in millegrams per kilogram
RCG = Remediation Closure Guide
MTG = Migration To Groundwater
NA = Not Available
Bold Font Indicates Detected Analyte
Shaded Cell Indicates Screening Level Exceedance
See Explanation Page for Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level			AB 22S	AB 23S	AB 24S	AB 25S	AB 26S	AB 27S	AB 28S	AB 29S	AP-30	AP-31	AP-32	AP-34	AP-35	AP-36	AP-39	AP-41	AP-42	AP-43	AP-44
	Tap Water	Vapor		25-35'	25-35'	25-35'	15-25'	21-31'	22-32'	22-32'	16-26'	2-12'	10-20'	14-24'	32-37'	12-22'	37-42'	30-40'	31-36'	12-22'	15-20'	15-20'
		Residential	Industrial	9/5/2017	9/5/2017	9/5/2017	9/5/2017	9/5/2017	9/5/2017	9/5/2017	9/5/2017	10/3/2017	10/3/2017	10/4/2017	10/4/2017	10/4/2017	10/3/2017	10/4/2017	10/3/2017	2/20/2018	2/20/2018	2/21/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	200	13,000	54,000	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	0.76	72	310	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	5	11	46	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	**0.95 J**	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	28	130	550	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	**0.32 J**	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	7	300	1,300	< 1.0	< 5.0	**5.8**	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	**6.2 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	NA	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	7	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	0.0075	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
1,2,4-Trichlorobenzene	70	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	56	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
1,2-Dibromo-3-chloropropane	0.2	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
1,2-Dibromoethane	0.05	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	600	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	5	50	210	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	5	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	60	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
1,3-Dichlorobenzene	NA	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	370	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	75	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	NA	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	5,600	NA	NA	< 10	< 50	< 50	< 10	< 100	< 50	< 10	< 50	< 10	< 100	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 10	< 10
2-Chlorotoluene	240	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
4-Chlorotoluene	250	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
4-Methyl-2-Pentanone	6,300	NA	NA	< 5.0	< 25	< 25	< 5.0	< 50	< 25	< 5.0	< 25	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	< 5.0
Acetone	14,000	NA	NA	< 10	< 50	< 50	< 10	< 100	< 50	< 10	< 50	**5.9 J**	< 100	**6.8 J**	< 10	< 10	< 10	< 10	< 50	**7.7 J**	< 10	**9.1 J**
Benzene	5	28	120	< 0.50	< 2.5	< 2.5	< 0.50	< 5.0	< 2.5	**0.25 J**	< 2.5	< 0.50	**2.9 J**	< 0.50	**0.24 J**	**0.25 J**	**0.22 J**	< 0.50	< 2.5	< 0.50	< 0.50	< 0.50
Bromobenzene	62	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	83	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	80	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Bromoform	80	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Bromomethane	7.5	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
Carbon Tetrachloride	5	6.5	28	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
CFC-11	5,200	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
CFC-12	200	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
Chlorobenzene	100	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Chlorodibromomethane	80	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Chloroethane	21,000	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Chloroform	80	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Chloromethane	190	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	70	NA	NA	**9.9**	**1230**	**1490**	**33.7**	**3030**	**1010**	**69.6**	**6.4**	**16.1**	**4730**	**20.3**	< 1.0	**1.3**	< 1.0	**3.9**	**4480**	**1.0**	**2.1**	< 1.0
cis-1,3-Dichloropropene	NA	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
Dibromomethane	8.3	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Dichloromethane	5	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
Ethylbenzene	700	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Hexachloro-1,3-butadiene	1.4	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
Isopropylbenzene	450	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
m&p-Xylenes	NA	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Methyl-tert-butylether	140	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Naphthalene	1.7	110	460	< 5.0	< 25	< 25	< 5.0	< 50	< 25	< 5.0	< 25	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	< 5.0	< 5.0
n-Butylbenzene	1,000	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
n-Propylbenzene	660	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
o-Xylene	190	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	2,000	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
Styrene (Monomer)	100	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	690	NA	NA	< 2.0	< 10	< 10	< 2.0	< 20	< 10	< 2.0	< 10	< 2.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	< 2.0	< 2.0
Tetrachloroethene	5	110	470	**1.4**	< 5.0	**4.2 J**	< 1.0	< 10	< 5.0	**0.56 J**	**4.0 J**	**1.2**	**8.4 J**	**1.6**	< 1.0	< 1.0	**0.62 J**	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
Toluene	1,000	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	**0.37 J**	< 5.0	< 1.0	< 10	< 1.0	**0.43 J**	**0.31 J**	**0.29 J**	< 1.0	< 5.0	< 1.0	< 1.0	**0.70 J**
Total Xylenes	10,000	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	100	NA	NA	**0.72 J**	**18.8**	**24.9**	**0.64 J**	**25.6**	**20.4**	**2.9**	< 5.0	**0.43 J**	**51.1**	**0.88 J**	< 1.0	< 1.0	< 1.0	< 1.0	**28.1**	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	NA	NA	NA	< 1.0	< 5.0	< 5.0	< 1.0	< 10	< 5.0	< 1.0	< 5.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	9.1	38	**40.5**	**29.2**	**923**	**12.6**	**1990**	**323**	**198**	**807**	**106**	**1690**	**493**	**0.74 J**	**148**	< 1.0	**0.54 J**	**3.6 J**	< 1.0	**4.9**	**1.8**
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	2.1	35	< 1.0	**30.1**	**25.4**	**5.0**	**73.9**	**70.5**	**2.2**	< 5.0	**0.85 J**	**2860**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**372**	< 1.0	< 1.0	< 1.0

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level			AP-45	AP-46	AP-47	AP-48	AP-49	AP-50	AP-51	AP-52	AP-53	AP-54	AP-55	AP-56	AP-57	AP-58	AP-59	AP-60	AP-61	AP-62	AP-63
	Tap Water	Vapor		25-30'	25-30'	25-30'	27-32'	27-32'	29-34'	27-32'	30-35'	27-32'	27-32'	27-32'	23-28'	15-20'	31-35'	31-35'	31-35'	35-40'	35-40'	25-35'
		Residential	Industrial	2/20/2018	2/20/2018	2/20/2018	2/20/2018	2/20/2018	2/21/2018	2/21/2018	2/21/2018	2/21/2018	2/21/2018	2/21/2018	2/21/2018	2/21/2018	4/9/2018	4/9/2018	4/9/2018	4/9/2018	4/9/2018	5/9/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	200	13,000	54,000	< 5.0	**0.26 J**	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	0.76	72	310	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	5	11	46	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	28	130	550	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	7	300	1,300	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	**2.3**	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	7	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	0.0075	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,4-Trichlorobenzene	70	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	56	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2-Dibromo-3-chloropropane	0.2	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2-Dibromoethane	0.05	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	600	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	5	50	210	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	5	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	60	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,3-Dichlorobenzene	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	370	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	75	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	5,600	NA	NA	< 50	< 10	< 10	< 10	< 20	< 10	< 10	< 10	< 20	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chlorotoluene	240	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
4-Chlorotoluene	250	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
4-Methyl-2-Pentanone	6,300	NA	NA	< 25	< 5.0	< 5.0	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acetone	14,000	NA	NA	< 50	< 10	< 10	< 10	< 20	< 10	< 10	< 10	< 20	< 10	< 10	< 10	< 10	**6.9 J**	< 10	**9.4 J**	**5.3 J**	**7.1 J**	< 10
Benzene	5	28	120	< 2.5	< 0.50	**0.22 J**	< 0.50	< 1.0	**0.43 J**	**0.31 J**	< 0.50	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	**0.32 J**	**0.34 J**	**0.29 J**	**0.22 J**	**0.31 J**	**0.35 J**
Bromobenzene	62	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	83	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	80	NA	NA	< 5.0	< 1.0	< 1.0	**0.34 J**	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	80	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	7.5	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Carbon Tetrachloride	5	6.5	28	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CFC-11	5,200	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
CFC-12	200	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Chlorobenzene	100	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorodibromomethane	80	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	21,000	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	80	NA	NA	< 5.0	< 1.0	< 1.0	**0.70 J**	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.31 J**	< 1.0
Chloromethane	190	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	70	NA	NA	**33.8**	**6.9**	**104**	**68.9**	**325**	**1430**	**38.9**	**35.7**	**3.3**	**0.55 J**	< 1.0	< 1.0	< 1.0	< 1.0	**27.1**	**53.1**	**7.3**	**9.3**	< 1.0
cis-1,3-Dichloropropene	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromomethane	8.3	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichloromethane	5	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	700	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachloro-1,3-butadiene	1.4	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Isopropylbenzene	450	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m&p-Xylenes	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.49 J**
Methyl-tert-butylether	140	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	1.7	110	460	< 25	< 5.0	< 5.0	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 10	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	1,000	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
n-Propylbenzene	660	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
o-Xylene	190	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	2,000	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Styrene (Monomer)	100	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	690	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Tetrachloroethene	5	110	470	**3.8 J**	**7.4**	**6.8**	**4.3**	**2.7**	**2.0**	**4.3**	**5.6**	**9.7**	**4.0**	**2.1**	**1.9**	**3.1**	**4.6**	**2.1**	**6.8**	**3.4**	**4.0**	< 1.0
Toluene	1,000	NA	NA	< 5.0	**0.56 J**	**1.1**	**0.41 J**	< 2.0	**0.56 J**	**1.0**	**0.55 J**	< 2.0	**0.56 J**	**0.38 J**	**0.33 J**	**0.48 J**	**0.93 J**	**0.92 J**	**1.0**	**0.60 J**	**0.81 J**	**0.85 J**
Total Xylenes	10,000	NA	NA	< 5.0	< 1.0	< 1.0	**0.32 J**	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.49 J**
trans-1,2-Dichloroethene	100	NA	NA	**4.1 J**	**0.75 J**	**2.2**	**3.0**	**5.9**	**13.1**	**1.0**	**2.3**	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.4**	**37.3**	**5.9**	**12.9**	< 1.0
trans-1,3-Dichloropropene	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	9.1	38	**758**	**341**	**157**	**218**	**63.4**	**112**	**206**	**156**	**310**	**15.8**	**16.0**	**3.8**	**0.28 J**	**1.4**	**38.7**	**349**	**79.7**	**215**	**5.6**
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	2.1	35	< 5.0	< 1.0	**1.7**	**1.3**	**4.0**	**40.3**	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.3**	< 1.0	< 1.0	< 1.0

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level			AP-64	AP-65	AP-65	AP-66	AP-69	AP-70				AP-71						AP-72			
	Tap Water	Vapor		30-35'	27-32'	27-32'	27-32'	29-34'	20-35'	41-45'	51-55'	61-65'	20-35'	41-45	50-54	51-55	61-65	62-66	20-35'	41-45	51-55	61-65
		Residential	Industrial	4/9/2018	4/10/2018	4/10/2018	4/10/2018	4/10/2018	5/8/2018	8/23/2018	8/23/2018	8/23/2018	5/8/2018	8/23/2018	8/20/2018	8/23/2018	8/23/2018	8/20/2018	5/8/2018	8/23/2018	8/23/2018	8/23/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	200	13,000	54,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	0.76	72	310	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	5	11	46	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	28	130	550	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	7	300	1,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	7	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	0.0075	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	NA	< 5.0	< 5.0	NA	< 2.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	70	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	56	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 2.0	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	0.2	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA
1,2-Dibromoethane	0.05	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	600	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	5	50	210	**0.24 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	5	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	60	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 2.0	< 5.0	< 5.0	< 5.0
1,3-Dichlorobenzene	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	370	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	75	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
2-Butanone (MEK)	5,600	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 25.0	< 25.0	< 25.0	< 10	< 25.0	NA	< 25.0	< 25.0	NA	< 10	< 25.0	< 25.0	< 25.0
2-Chlorotoluene	240	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 2.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	250	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 2.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-Pentanone	6,300	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 25.0 L2	< 25.0 L2	< 25.0 L2	< 5.0	< 25.0	NA	< 25.0	< 25.0 L2	NA	< 5.0	< 25.0	< 25.0	< 25.0
Acetone	14,000	NA	NA	**5.5 J**	**5.7 J**	**5.6 J**	**18.0**	< 10	< 10	< 100	< 100	< 100	**8.3 J**	< 100	NA	< 100	< 100	NA	< 10	< 100	< 100	< 100
Benzene	5	28	120	**0.28 J**	< 0.50	< 0.50	**0.31 J**	**0.23 J**	**0.46 J**	< 5.0	< 5.0	< 5.0	**0.47 J**	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	**0.47 J**	< 5.0	< 5.0	< 5.0
Bromobenzene	62	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
Bromochloromethane	83	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	80	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
Bromoform	80	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
Bromomethane	7.5	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	NA	< 5.0	< 5.0	NA	< 2.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	5	6.5	28	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
CFC-11	5,200	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	NA	< 5.0	< 5.0	NA	< 2.0	< 5.0	< 5.0	< 5.0
CFC-12	200	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0 L1	< 5.0 L1	< 5.0 L1	< 2.0	< 5.0 L1	NA	< 5.0 L1	< 5.0 L1	NA	< 2.0	< 5.0 L1	< 5.0 L1M0	< 5.0 L1
Chlorobenzene	100	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
Chlorodibromomethane	80	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
Chloroethane	21,000	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
Chloroform	80	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	**0.47 J**	< 5.0	< 5.0	< 5.0
Chloromethane	190	NA	NA	< 1.0	**1.1**	**0.78 J**	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 1.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene	70	NA	NA	< 1.0	**0.70 J**	**0.70 J**	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	**1.3**	**10.5**	**8.0**	< 5.0	< 5.0	< 0.50	< 1.0	**14.3**	**230 M1**	< 5.0
cis-1,3-Dichloropropene	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 2.0	< 5.0	< 5.0	< 5.0
Dibromomethane	8.3	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
Dichloromethane	5	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	700	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	**0.31 J**	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	**0.24 J**	< 5.0	< 5.0	< 5.0
Hexachloro-1,3-butadiene	1.4	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	NA	< 5.0	< 5.0	NA	< 2.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene	450	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
m&p-Xylenes	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	**0.66 J**	NA	< 1.0	NA	NA	< 1.0	**0.49 J**	NA	NA	NA
Methyl-tert-butylether	140	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 4.0	< 1.0	< 4.0	NA	< 4.0	< 4.0	NA	< 1.0	< 4.0	< 4.0	< 4.0
Naphthalene	1.7	110	460	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.7	< 1.7	< 1.7	< 5.0	< 1.7	< 5.0	< 1.7	< 1.7	< 5.0	< 5.0	< 1.7	< 1.7	< 1.7
n-Butylbenzene	1,000	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 2.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	660	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 2.0	< 5.0	< 5.0	< 5.0
o-Xylene	190	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	**0.35 J**	NA	< 0.50	NA	NA	< 0.50	< 1.0	NA	NA	NA
sec-Butylbenzene	2,000	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 2.0	< 5.0	< 5.0	< 5.0
Styrene (Monomer)	100	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	690	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 2.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	5	110	470	**3.8**	**1.7**	**2.1**	**10.4**	**2.0**	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
Toluene	1,000	NA	NA	**1.1**	< 1.0	< 1.0	**1.4**	**0.50 J**	**0.84 J**	< 5.0	< 5.0	< 5.0	**1.2**	< 5.0	< 0.50	< 5.0	< 5.0	< 0.50	**1.1**	< 5.0	< 5.0	< 5.0
Total Xylenes	10,000	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 10.0	< 10.0	**1.0**	< 10.0	< 1.5	< 10.0	< 10.0	< 1.5	**0.49 J**	< 10.0	< 10.0	< 10.0
trans-1,2-Dichloroethene	100	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	**0.57 J**	**8.6**	< 0.50	< 5.0	< 5.0	< 0.50	< 1.0	< 5.0	< 5.0	< 5.0
trans-1,3-Dichloropropene	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	NA	< 5.0	< 5.0	NA	< 1.0	< 5.0	< 5.0	< 5.0
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100	NA	< 100	NA	< 100	< 100	NA	NA	< 100	< 100	< 100
Trichloroethene	5	9.1	38	< 1.0	**11.3**	**11.1**	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	**67.5**	**252**	< 0.50	< 5.0	< 5.0	< 0.50	**43.3**	**293**	< 5.0	< 5.0
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA	< 50.0	< 50.0	< 50.0	NA	< 50.0	NA	< 50.0	< 50.0	NA	NA	< 50.0	< 50.0	< 50.0
Vinyl chloride	2	2.1	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 0.50 HC	< 2.0	< 2.0	< 0.50	< 1.0	< 2.0	**2.4**	< 2.0

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level			AP-73	AP-74	AP-75	AP-75							AP-76	AP-77	AP-78	AP-78					
	Tap Water	Vapor		20-35'	20-35'	20-35'	36-40	42-46	48-52	54-58	60-64	68-72	74-78	20-35'	20-35'	30-40'	38-42	44-48	50-54	56-60	64-68	72-76
		Residential	Industrial	5/8/2018	5/8/2018	5/8/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	5/8/2018	5/8/2018	5/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	13,000	54,000	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
1,1,2,2-Tetrachloroethane	0.76	72	310	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
1,1,2-Trichloroethane	5	11	46	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	**2.4 D**	< 2.0 D	**0.71**	< 2.0 D	< 0.50	< 0.50
1,1-Dichloroethane	28	130	550	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 M	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
1,1-Dichloroethene	7	300	1,300	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
1,1-Dichloropropene	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	7	NA	NA	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 8.0 D	< 8.0 D	< 2.0	< 8.0 D	< 2.0	< 2.0
1,2,3-Trichloropropane	0.0075	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	NA	NA	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 8.0 D	< 8.0 D	< 2.0	< 8.0 D	< 2.0	< 2.0
1,2,4-Trimethylbenzene	56	NA	NA	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
1,2-Dibromo-3-chloropropane	0.2	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.05	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
1,2-Dichloroethane	5	50	210	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
1,2-Dichloropropane	5	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	60	NA	NA	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
1,3-Dichlorobenzene	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
1,3-Dichloropropane	370	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
2,2-Dichloropropane	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	5,600	NA	NA	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	240	NA	NA	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
4-Chlorotoluene	250	NA	NA	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
4-Methyl-2-Pentanone	6,300	NA	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA
Acetone	14,000	NA	NA	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA
Benzene	5	28	120	**0.37 J**	**0.46 J**	**0.36 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.53**	**0.40 J**	**0.57**	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
Bromobenzene	62	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Bromochloromethane	83	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Bromodichloromethane	80	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Bromoform	80	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Bromomethane	7.5	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	6.5	28	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
CFC-11	5,200	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA
CFC-12	200	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA
Chlorobenzene	100	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
Chlorodibromomethane	80	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Chloroethane	21,000	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Chloroform	80	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
Chloromethane	190	NA	NA	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 8.0 D	< 8.0 D	< 2.0	< 8.0 D	< 2.0	< 2.0
cis-1,2-Dichloroethene	70	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	**6.7**	**69 D**	**2.2**	< 0.50
cis-1,3-Dichloropropene	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
Dibromomethane	8.3	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Dichloromethane	5	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 8.0 D	< 8.0 D	< 2.0	< 8.0 D	< 2.0	< 2.0
Ethylbenzene	700	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.28 J**	**0.40 J**	**0.30 J**	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
Hexachloro-1,3-butadiene	1.4	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA
Isopropylbenzene	450	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
m&p-Xylenes	NA	NA	NA	< 1.0	< 1.0	**0.62 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.51 J**	**0.71 J**	**0.54 J**	< 4.0 D	< 4.0 D	< 1.0	< 4.0 D	< 1.0	< 1.0
Methyl-tert-butylether	140	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Naphthalene	1.7	110	460	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 20 D	< 20 D	< 5.0	< 20 D	< 5.0	< 5.0
n-Butylbenzene	1,000	NA	NA	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
n-Propylbenzene	660	NA	NA	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
o-Xylene	190	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	**0.29 J**	**0.27 J**	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
sec-Butylbenzene	2,000	NA	NA	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
Styrene (Monomer)	100	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
tert-Butylbenzene	690	NA	NA	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
Tetrachloroethene	5	110	470	**32.9**	**1.2**	< 1.0	< 0.50	< 0.50	**0.53**	< 0.50	< 0.50	**0.71**	**1.3**	< 1.0	< 1.0	**55.1**	**72 D**	**66 D**	**20**	< 2.0 D	< 0.50	< 0.50
Toluene	1,000	NA	NA	**0.86 J**	**0.95 J**	**0.75 J**	< 0.50	**0.50**	< 0.50	**0.53**	< 0.50	< 0.50	< 0.50	**1.1**	**1.4**	**1.3**	< 2.0 D	< 2.0 D	< 0.50	< 2.0 D	< 0.50	< 0.50
Total Xylenes	10,000	NA	NA	< 1.0	< 1.0	**0.62 J**	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	**0.51 J**	**1.0**	**0.81 J**	< 6.0 D	< 6.0 D	< 1.5	< 6.0 D	< 1.5	< 1.5
trans-1,2-Dichloroethene	100	NA	NA	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	**4.4 D**	**7.9**	**7.0 D**	< 0.50	< 0.50
trans-1,3-Dichloropropene	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	9.1	38	**11.0**	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	**0.93 J**	**4.3 D**	**28 D**	**34**	**75 D**	< 0.50	< 0.50
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	2.1	35	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 2.0 D	< 2.0 D	**1.8**	**27 D**	< 0.50	< 0.50

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level					AP-79	AP-79-D	AP-80	AP-80-D
	Tap Water	Vapor		80-84	88-92	30-40'	45-50'	30-40'	45-50'
		Residential	Industrial	8/9/2018	8/9/2018	5/9/2018	7/3/2018	5/9/2018	7/3/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	200	13,000	54,000	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	**0.57 J**
1,1,2,2-Tetrachloroethane	0.76	72	310	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	5	11	46	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	28	130	550	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	7	300	1,300	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	7	NA	NA	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	0.0075	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0
1,2,4-Trichlorobenzene	70	NA	NA	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	56	NA	NA	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0
1,2-Dibromo-3-chloropropane	0.2	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0
1,2-Dibromoethane	0.05	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	600	NA	NA	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	5	50	210	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	60	NA	NA	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0
1,3-Dichlorobenzene	NA	NA	NA	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	370	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	75	NA	NA	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	5,600	NA	NA	NA	NA	< 10	< 10	< 10	< 10
2-Chlorotoluene	240	NA	NA	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0
4-Chlorotoluene	250	NA	NA	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0
4-Methyl-2-Pentanone	6,300	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0
Acetone	14,000	NA	NA	NA	NA	< 10	**5.0 J**	< 10	**9.1 J**
Benzene	5	28	120	< 0.50	< 0.50	**0.56**	**0.24 J**	**0.51**	**0.53**
Bromobenzene	62	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	83	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	80	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	80	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	7.5	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0
Carbon Tetrachloride	5	6.5	28	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
CFC-11	5,200	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0
CFC-12	200	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0
Chlorobenzene	100	NA	NA	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
Chlorodibromomethane	80	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	21,000	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	80	NA	NA	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	**0.48 J**
Chloromethane	190	NA	NA	< 2.0	< 2.0	< 1.0	< 1.0	**0.98 J**	< 1.0
cis-1,2-Dichloroethene	70	NA	NA	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	**1.6**
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0
Dibromomethane	8.3	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Dichloromethane	5	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	700	NA	NA	< 0.50	< 0.50	**0.41 J**	< 1.0	< 1.0	**0.36 J**
Hexachloro-1,3-butadiene	1.4	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0
Isopropylbenzene	450	NA	NA	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
m&p-Xylenes	NA	NA	NA	< 1.0	< 1.0	**0.84 J**	< 1.0	< 1.0	**0.59 J**
Methyl-tert-butylether	140	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	1.7	110	460	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	1,000	NA	NA	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0
n-Propylbenzene	660	NA	NA	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0
o-Xylene	190	NA	NA	< 0.50	< 0.50	**0.33 J**	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	2,000	NA	NA	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0
Styrene (Monomer)	100	NA	NA	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	690	NA	NA	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0
Tetrachloroethene	5	110	470	< 0.50	< 0.50	< 1.0	< 1.0	**3.6**	< 1.0
Toluene	1,000	NA	NA	< 0.50	< 0.50	**1.5**	**0.47 J**	**0.87 J**	**1.5**
Total Xylenes	10,000	NA	NA	< 1.5	< 1.5	**1.2**	< 1.0	< 1.0	**0.81 J**
trans-1,2-Dichloroethene	100	NA	NA	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	**0.75 J**
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	9.1	38	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	**110**
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	2.1	35	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level			AP-81							AP-82						
	Tap Water	Vapor		30-40'	38-42	42-46	48-52	54-58	60-64	66-70	30-40'	36-40	44-48	52-56	60-64	68-72	76-80
		Residential	Industrial	5/9/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	5/9/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	13,000	54,000	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,1,2,2-Tetrachloroethane	0.76	72	310	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,1,2-Trichloroethane	5	11	46	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,1-Dichloroethane	28	130	550	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,1-Dichloroethene	7	300	1,300	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,1-Dichloropropene	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	7	NA	NA	< 1.0	< 2.0	< 2.0	< 2.0	< 8.0 D	< 2.0	< 2.0	< 1.0	< 2.0	< 4.0 D	< 8.0 D	< 5.0 D	< 2.0	< 2.0
1,2,3-Trichloropropane	0.0075	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	NA	NA	< 1.0	< 2.0	< 2.0	< 2.0	< 8.0 D	< 2.0	< 2.0	< 1.0	< 2.0	< 4.0 D	< 8.0 D	< 5.0 D	< 2.0	< 2.0
1,2,4-Trimethylbenzene	56	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	**0.42 J**	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,2-Dibromo-3-chloropropane	0.2	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.05	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,2-Dichloroethane	5	50	210	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,2-Dichloropropane	5	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	60	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 2.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,3-Dichlorobenzene	NA	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
1,3-Dichloropropane	370	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
2,2-Dichloropropane	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	5,600	NA	NA	< 10	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	240	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 2.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
4-Chlorotoluene	250	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 2.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
4-Methyl-2-Pentanone	6,300	NA	NA	< 5.0	NA	NA	NA	NA	NA	NA	< 5.0	NA	NA	NA	NA	NA	NA
Acetone	14,000	NA	NA	< 10	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	NA	NA
Benzene	5	28	120	**0.31 J**	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	**0.49 J**	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
Bromobenzene	62	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
Bromochloromethane	83	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
Bromodichloromethane	80	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
Bromoform	80	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
Bromomethane	7.5	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	6.5	28	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
CFC-11	5,200	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA
CFC-12	200	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA
Chlorobenzene	100	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
Chlorodibromomethane	80	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
Chloroethane	21,000	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
Chloroform	80	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
Chloromethane	190	NA	NA	< 1.0	< 2.0	< 2.0	< 2.0	< 8.0 D	< 2.0	< 2.0	< 1.0	< 2.0	< 4.0 D	< 8.0 D	< 5.0 D	< 2.0	< 2.0
cis-1,2-Dichloroethene	70	NA	NA	< 1.0	< 0.50	**0.70**	**8.5**	**4.3 D**	**2.6**	< 0.50	< 1.0	**0.84**	**1.2 D**	**4.8 D**	**120 D**	**22**	< 0.50
cis-1,3-Dichloropropene	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 2.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
Dibromomethane	8.3	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
Dichloromethane	5	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 8.0 D	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0 D	< 8.0 D	< 5.0 D	< 2.0	< 2.0
Ethylbenzene	700	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	**0.65 J**	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
Hexachloro-1,3-butadiene	1.4	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA
Isopropylbenzene	450	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
m&p-Xylenes	NA	NA	NA	**0.48 J**	< 1.0	< 1.0	< 1.0	< 4.0 D	< 1.0	< 1.0	**0.96 J**	< 1.0	< 2.0 D	< 4.0 D	< 2.5 D	< 1.0	< 1.0
Methyl-tert-butylether	140	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
Naphthalene	1.7	110	460	< 5.0	< 5.0	< 5.0	< 5.0	< 20 D	< 5.0	< 5.0	< 5.0	< 5.0	< 10 D	< 20 D	< 13 D	< 5.0	< 5.0
n-Butylbenzene	1,000	NA	NA	< 2.0	< 0.50	< 0.50	**1.4**	< 2.0 D	< 0.50	< 0.50	< 2.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
n-Propylbenzene	660	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 2.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
o-Xylene	190	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	**0.35 J**	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
sec-Butylbenzene	2,000	NA	NA	< 2.0	< 0.50	< 0.50	**3.3**	< 2.0 D	< 0.50	< 0.50	< 2.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
Styrene (Monomer)	100	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
tert-Butylbenzene	690	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 2.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
Tetrachloroethene	5	110	470	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
Toluene	1,000	NA	NA	**0.80 J**	**0.68**	**0.85**	< 0.50	< 2.0 D	< 0.50	< 0.50	**1.7**	**0.74**	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50
Total Xylenes	10,000	NA	NA	**0.48 J**	< 1.5	< 1.5	< 1.5	< 6.0 D	< 1.5	< 1.5	**1.3**	< 1.5	< 3.0 D	< 6.0 D	< 3.8 D	< 1.5	< 1.5
trans-1,2-Dichloroethene	100	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	**2.6 D**	**8.0 D**	**0.55**	< 0.50
trans-1,3-Dichloropropene	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	9.1	38	**2.4**	**2.2**	**2.5**	**9.3**	**77 D**	**9.1**	< 0.50	**12.1**	**22**	**70 D**	**130 D**	**62 D**	< 0.50	< 0.50
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	2.1	35	< 1.0	< 0.50	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0 D	< 2.0 D	< 1.3 D	< 0.50	< 0.50

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level			AP-83							AP-85						
	Tap Water	Vapor		30-40'	38-42'	42-46'	50-54'	58-62'	66-70'	74-78'	37-41'	50-54'	58-62'	66-70'	74-78'	82-86'	90-94'
		Residential	Industrial	7/3/2018	8/6/2018	8/6/2018	8/6/2018	8/6/2018	8/6/2018	8/6/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	13,000	54,000	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2,2-Tetrachloroethane	0.76	72	310	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	5	11	46	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1-Dichloroethane	28	130	550	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1-Dichloroethene	7	300	1,300	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1-Dichloropropene	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	7	NA	NA	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,3-Trichloropropane	0.0075	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	NA	NA	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,4-Trimethylbenzene	56	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dibromo-3-chloropropane	0.2	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.05	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	5	50	210	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloropropane	5	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	60	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	NA	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichloropropane	370	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,2-Dichloropropane	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	5,600	NA	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	240	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorotoluene	250	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methyl-2-Pentanone	6,300	NA	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	14,000	NA	NA	**10.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	28	120	**0.21 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromobenzene	62	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	83	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	80	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	80	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	7.5	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	6.5	28	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CFC-11	5,200	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CFC-12	200	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	100	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chlorodibromomethane	80	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	21,000	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	80	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloromethane	190	NA	NA	**0.66 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
cis-1,2-Dichloroethene	70	NA	NA	**2.4**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.56**	**4.0**	**200 D**	< 0.50	< 0.50	< 0.50	< 0.50
cis-1,3-Dichloropropene	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibromomethane	8.3	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	5	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	700	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloro-1,3-butadiene	1.4	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	450	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
m&p-Xylenes	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl-tert-butylether	140	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	1.7	110	460	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	1,000	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
n-Propylbenzene	660	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
o-Xylene	190	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
sec-Butylbenzene	2,000	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene (Monomer)	100	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
tert-Butylbenzene	690	NA	NA	< 2.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	5	110	470	**0.54 J**	**0.66**	**1.6**	**1.1**	**1.1**	**0.91**	**0.75**	**2.2**	**0.80**	**1.9**	**1.1**	**1.6**	**2.7**	**2.7**
Toluene	1,000	NA	NA	**0.29 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.57**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.51**
Total Xylenes	10,000	NA	NA	< 1.0	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
trans-1,2-Dichloroethene	100	NA	NA	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.66**	**21**	< 0.50	< 0.50	< 0.50	< 0.50
trans-1,3-Dichloropropene	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	9.1	38	**12.7**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.86**	**20**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	2.1	35	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**4.0**	< 0.50	< 0.50	< 0.50	< 0.50

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level			AP-86								AP-87				
	Tap Water	Vapor		38-42'	46-50'	50-54'	54-58'	58-62'	62-66'	70-74'	78-82'	37-41'	50-54'	58-62'	66-70'	75-79'
		Residential	Industrial	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	13,000	54,000	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2,2-Tetrachloroethane	0.76	72	310	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	5	11	46	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1-Dichloroethane	28	130	550	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1-Dichloroethene	7	300	1,300	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	7	NA	NA	< 2.0	< 2.0	< 8.0 D	< 8.0 D	< 8.0 D	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,3-Trichloropropane	0.0075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	NA	NA	< 2.0	< 2.0	< 8.0 D	< 8.0 D	< 8.0 D	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,4-Trimethylbenzene	56	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dibromo-3-chloropropane	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	5	50	210	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloropropane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	60	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	NA	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichloropropane	370	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	5,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	240	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorotoluene	250	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methyl-2-Pentanone	6,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	14,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	28	120	< 0.50	**0.60**	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromobenzene	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	6.5	28	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CFC-11	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CFC-12	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	100	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chlorodibromomethane	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	21,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	80	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloromethane	190	NA	NA	< 2.0	< 2.0	< 8.0 D	< 8.0 D	< 8.0 D	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
cis-1,2-Dichloroethene	70	NA	NA	**3.7**	**27**	**110 D**	**120 D**	**520 D**	**44**	**11**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibromomethane	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	5	NA	NA	< 2.0	< 2.0	< 8.0 D	< 8.0 D	< 8.0 D	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	700	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloro-1,3-butadiene	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	450	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
m&p-Xylenes	NA	NA	NA	< 1.0	< 1.0	< 4.0 D	< 4.0 D	< 4.0 D	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl-tert-butylether	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	1.7	110	460	< 5.0	< 5.0	< 20 D	< 20 D	< 20 D	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	1,000	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
n-Propylbenzene	660	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
o-Xylene	190	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
sec-Butylbenzene	2,000	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene (Monomer)	100	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
tert-Butylbenzene	690	NA	NA	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	5	110	470	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Toluene	1,000	NA	NA	**0.62**	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	< 0.50	< 0.50	< 0.50	**0.62**	< 0.50	< 0.50	< 0.50	< 0.50
Total Xylenes	10,000	NA	NA	< 1.5	< 1.5	< 6.0 D	< 6.0 D	< 6.0 D	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
trans-1,2-Dichloroethene	100	NA	NA	< 0.50	**1.9**	**8.4 D**	**10 D**	**47 D**	**1.8**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	9.1	38	**1.3**	**14**	**16 D**	**19 D**	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.55**	< 0.50
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	2.1	35	< 0.50	< 0.50	< 2.0 D	< 2.0 D	< 2.0 D	**6.3**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level			AP-88								AP-89					
	Tap Water	Vapor		38-42'	44-48'	52-56'	60-64'	68-72'	76-80'	84-88'	92-96'	37-41'	46-50'	54-58'	62-66'	70-74'	79-83'
		Residential	Industrial	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	13,000	54,000	< 0.50	**1.1**	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.64**	**1.2**	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2,2-Tetrachloroethane	0.76	72	310	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	5	11	46	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1-Dichloroethane	28	130	550	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1-Dichloroethene	7	300	1,300	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	7	NA	NA	< 2.0	< 2.0	< 8.0 D	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,3-Trichloropropane	0.0075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	NA	NA	< 2.0	< 2.0	< 8.0 D	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,4-Trimethylbenzene	56	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dibromo-3-chloropropane	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	5	50	210	< 0.50	< 0.50	< 2.0 D	**0.68**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloropropane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	60	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	NA	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichloropropane	370	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	5,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	240	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorotoluene	250	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methyl-2-Pentanone	6,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	14,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	28	120	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromobenzene	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	6.5	28	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
CFC-11	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CFC-12	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	100	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chlorodibromomethane	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	21,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	80	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloromethane	190	NA	NA	< 2.0	< 2.0	< 8.0 D	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
cis-1,2-Dichloroethene	70	NA	NA	< 0.50	< 0.50	< 2.0 D	**3.0**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibromomethane	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	5	NA	NA	< 2.0	< 2.0	< 8.0 D	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	700	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloro-1,3-butadiene	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	450	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
m&p-Xylenes	NA	NA	NA	< 1.0	< 1.0	< 4.0 D	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl-tert-butylether	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	1.7	110	460	< 5.0	< 5.0	< 20 D	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	1,000	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
n-Propylbenzene	660	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
o-Xylene	190	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
sec-Butylbenzene	2,000	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene (Monomer)	100	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
tert-Butylbenzene	690	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	5	110	470	**1.4**	**1.3**	< 2.0 D	**1.5**	**0.53**	< 0.50	**0.90**	**1.0**	**0.80**	**0.83**	**0.84**	**0.66**	< 0.50	< 0.50
Toluene	1,000	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.52**	**0.51**	< 0.50	< 0.50	< 0.50
Total Xylenes	10,000	NA	NA	< 1.5	< 1.5	< 6.0 D	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
trans-1,2-Dichloroethene	100	NA	NA	< 0.50	< 0.50	< 2.0 D	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	9.1	38	**1.6**	**4.2**	**85 D**	**3.7**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	2.1	35	< 0.50	< 0.50	< 2.0 D	< 0.50 HC	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 14
Geoprobe Groundwater Sample Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level			AP-90						AP-95						AP-96						
	Tap Water	Vapor		38-42'	42-46'	48-52'	54-58'	60-64'	66-70'	38-42'	42-46'	48-52'	54-68'	60-64'	66-70'	38-42'	42-46'	48-52'	54-58'	60-64'	66-70'	38-42'
		Residential	Industrial	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018	11/7/2018	11/7/2018	11/8/2018	11/8/2018	11/8/2018	11/8/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018
1,1,1,2-Tetrachloroethane	5.7	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	200	13,000	54,000	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	0.76	72	310	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	5	11	46	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	28	130	550	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	7	300	1,300	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	7	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	0.0075	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,4-Trichlorobenzene	70	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	56	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2-Dibromo-3-chloropropane	0.2	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2-Dibromoethane	0.05	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	600	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	5	50	210	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	5	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	60	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,3-Dichlorobenzene	NA	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	370	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	75	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)	5,600	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chlorotoluene	240	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
4-Chlorotoluene	250	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
4-Methyl-2-Pentanone	6,300	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acetone	14,000	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	5	28	120	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromobenzene	62	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	83	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	80	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	80	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	7.5	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Carbon Tetrachloride	5	6.5	28	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CFC-11	5,200	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
CFC-12	200	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Chlorobenzene	100	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorodibromomethane	80	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	21,000	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	80	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	190	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	70	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.99 J**	**14.1**	**3.6**	< 1.0	**0.84 J**
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cymene (p-Isopropyltoluene)	NA	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Dibromomethane	8.3	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichloromethane	5	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	700	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.60 J**
Hexachloro-1,3-butadiene	1.4	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Isopropylbenzene	450	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m&p-Xylenes	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl-tert-butylether	140	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	1.7	110	460	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	1,000	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
n-Propylbenzene	660	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
o-Xylene	190	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	2,000	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Styrene (Monomer)	100	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	690	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Tetrachloroethene	5	110	470	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**29.0**	**36.8**	**5.7**	**1.4**	< 1.0	< 1.0	**6.1**
Toluene	1,000	NA	NA	**0.61**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.94 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.67 J**	**1.5**	**0.77 J**	< 1.0	< 1.0	**1.4**
Total Xylenes	10,000	NA	NA	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	100	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.4**	**3.8**	**0.64 J**	< 1.0	**1.5**
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,4-Dichloro-2-butene	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	9.1	38	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	**0.60 J**	< 1.0	< 1.0	< 1.0	< 1.0	**8.7**	**22.1**	**30.7**	**35.8**	**2.0**	< 1.0	**31.4**
Vinyl acetate	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	2.1	35	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	< 1.0

Results in micrograms per liter
RCG = Remediation Closure Guide
NA = Not Available
Bold Font Indicates Detected Analyte
Blue Shaded Cell = Tap Water Exceedance
See Explanation Page For Laboratory Flags

Table 15
Monitoring Well Sample Analytical Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level		MW-5S		MW-5D		MW-6S		MW-6D		MW-7		MW-8S		MW-8D	
	Tap Water	Residential Vapor Intrusion	8/9/2017	11/14/2018	8/9/2017	11/14/2018	8/9/2017	11/14/2018	8/9/2017	11/14/2018	8/9/2017	11/15/2018	8/9/2017	11/14/2018	8/9/2017	11/14/2018
Acetone	14000	NA	<10	<10	<10	<10	<500	<50	<20	<10	<50	<20	<10	<10	<5.0	<10
Benzene	5	28	**0.73**	<0.50	<0.50	<0.50	<25	<2.5	<1.0	<0.50	<2.5	<1.0	<0.50	<0.50	<0.17	<0.50
Bromobenzene	62	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.25	<1.0
Bromochloromethane	83	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.38	<1.0
Bromodichloromethane	80	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.22	<1.0
Bromoform	80	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.42	<1.0
Bromomethane	7.5	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<1.4	<2.0
2-Butanone (MEK)	5600	NA	<10	<10	<10	<10	<500	<50	<20	<10	<50	<20	<10	<10	<4.8	<10
n-Butylbenzene	1000	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.27	<2.0
sec-Butylbenzene	2000	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.27	<2.0
tert-Butylbenzene	690	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.34	<2.0
Carbon tetrachloride	5	6.5	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.34	<1.0
Chlorobenzene	100	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.24	<1.0
Chloroethane	21000	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.59 [a]	<1.0
Chloroform	80	NA	**0.43 J**	**0.91 J**	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.29	<1.0
Chloromethane	190	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.53	<1.0
o-Chlorotoluene	240	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.30	<2.0
p-Chlorotoluene	250	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.24	<2.0
1,2-Dibromo-3-chloropropane	0.2	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.69	<2.0
Dibromochloromethane	80	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.16	<1.0
1,2-Dibromoethane	0.05	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.21	<1.0
1,2-Dichlorobenzene	600	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.50	<1.0
1,3-Dichlorobenzene	NA	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.50	<1.0
1,4-Dichlorobenzene	75	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.50	<1.0
Dichlorodifluoromethane	200	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<1.9	<2.0
1,1-Dichloroethane	27	130	**0.29 J**	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.21	<1.0
1,2-Dichloroethane	5	50	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.20	<1.0
1,1-Dichloroethene	7	300	**0.64 J**	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.47	<1.0
cis-1,2-Dichloroethene	70	NA	**165**	**40.3**	**1.8**	**0.61 J**	**21600**	**3420**	**1140**	**5.1**	**399**	**384**	**33.6**	**14.3**	**1.3**	<1.0
trans-1,2-Dichloroethene	100	NA	**5.2**	**1.5**	<1.0	<1.0	**109**	**32.7**	**10.5**	<1.0	**2.9 J**	**2.2**	**0.78 J**	**0.65 J**	<0.40	<1.0
1,2-Dichloropropane	5	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.24	<1.0
1,3-Dichloropropane	370	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.28	<1.0
2,2-Dichloropropane	NA	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.30	<1.0
1,1-Dichloropropene	NA	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.29	<1.0
cis-1,3-Dichloropropene	NA	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.25	<1.0
trans-1,3-Dichloropropene	NA	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.22	<1.0
Ethylbenzene	700	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.22	<1.0
Hexachlorobutadiene	3	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.34	<2.0
Isopropylbenzene	450	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.25	<1.0
p-Isopropyltoluene	NA	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.24	<2.0
Methyl Tert Butyl Ether	140	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.25	<1.0
4-Methyl-2-pentanone(MIBK)	1200	NA	<5.0	<5.0	<5.0	<5.0	<250	<25	<10	<5.0	<25	<10	<5.0	<5.0	<3.0	<5.0
Methylene bromide	8	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.45	<1.0
Methylene chloride	5	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<1.0	<2.0
Naphthalene	1.7	110	<5.0	<5.0	<5.0	<5.0	<250	<25	<10	<5.0	<25	<10	<5.0	<5.0	<1.1	<5.0
n-Propylbenzene	660	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.24	<2.0
Styrene	100	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.24	<1.0
1,1,1,2-Tetrachloroethane	5.7	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.19	<1.0
1,1,2,2-Tetrachloroethane	0.76	72	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.17	<1.0
Tetrachloroethene	5	110	**1**	**4.2**	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	**1.3**	**1.2**	<0.50	<1.0
Toluene	1000	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.25	<1.0
1,2,3-Trichlorobenzene	7	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.50	<1.0
1,2,4-Trichlorobenzene	70	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.50	<1.0
1,1,1-Trichloroethane	200	13000	<1.0 [a]	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0 [a]	<1.0	<0.25	<1.0
1,1,2-Trichloroethane	5	11	**0.69 J**	**2.1**	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.24	<1.0
Trichloroethene	5	9.1	**198**	**589**	**1.3**	**0.81 J**	**48.4 J**	**27.8**	**1.1 J**	<1.0	**2020**	**850**	**210**	**183**	**1.7**	**2**
Trichlorofluoromethane	1100	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.60	<2.0
1,2,3-Trichloropropane	0.0075	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.47	<2.0
1,2,4-Trimethylbenzene	15	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.24	<2.0
1,3,5-Trimethylbenzene	120	NA	<2.0	<2.0	<2.0	<2.0	<100	<10	<4.0	<2.0	<10	<4.0	<2.0	<2.0	<0.20	<2.0
Vinyl chloride	2	2.1	**11.2**	<1.0	<1.0	<1.0	**4470**	**581**	**155**	**2**	**10.1**	**16.1**	**0.68 J**	<1.0	<0.62	<1.0
m,p-Xylene	190	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.43	<1.0
o-Xylene	190	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.22	<1.0
Xylene (total)	10000	NA	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<2.0	<1.0	<5.0	<2.0	<1.0	<1.0	<0.22	<1.0

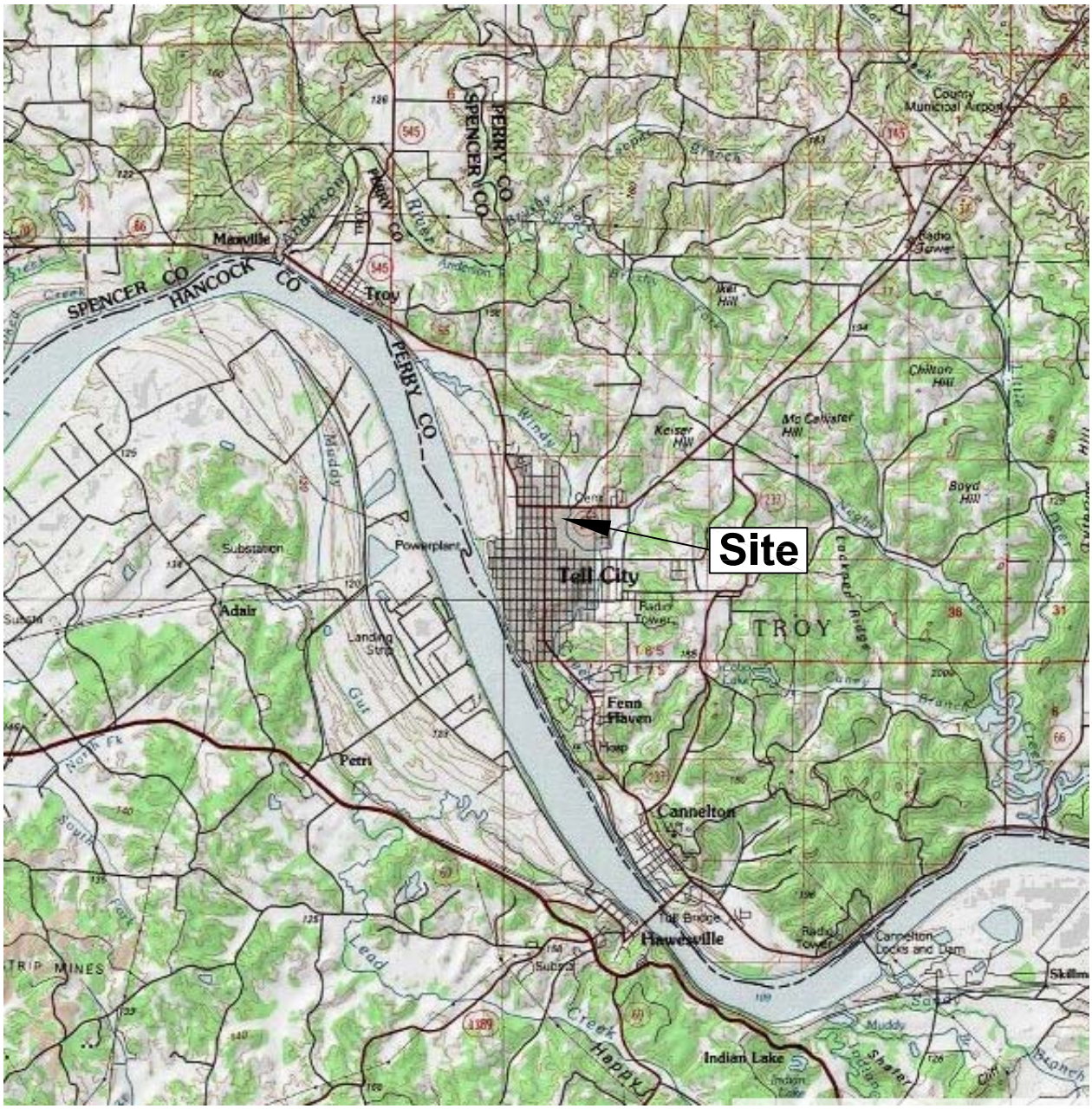
Results in micrograms per liter
RCG = Remediation Closure Guide; NA=Not Available
Bold Font Indicates detected Analyte
Shaded Cell Indicates Tap Water Exceedance
See Explanation Page for Laboratory Flags

Table 15
Monitoring Well Sample Analytical Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	2018 RCG Screening Level		MW-9S	MW-9D	MW-10S	MW-10D	MW-11	MW-12	MW-13	MW-14	MW-15	
	Tap Water	Residential Vapor Intrusion	11/14/2018	11/14/2018	11/13/2018	11/13/2018	11/13/2018	11/13/2018	11/13/2018	11/13/2018	11/27/2017	11/16/2018
Acetone	14000	NA	<10	**18.4**	<10	<50	<10	<10	<25	<10	**5.4 J**	<10
Benzene	5	28	<0.50	<0.50	<0.50	<2.5	<0.50	<0.50	<1.3	<0.50	<0.17	<0.50
Bromobenzene	62	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.25	<1.0
Bromochloromethane	83	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.38	<1.0
Bromodichloromethane	80	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.22	<1.0
Bromoform	80	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.42	<1.0
Bromomethane	7.5	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<1.4	<2.0
2-Butanone (MEK)	5600	NA	<10	**36.5**	<10	<50	<10	<10	<25	<10	<4.8	<10
n-Butylbenzene	1000	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.27	<2.0
sec-Butylbenzene	2000	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.27	<2.0
tert-Butylbenzene	690	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.34	<2.0
Carbon tetrachloride	5	6.5	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.34	<1.0
Chlorobenzene	100	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.24	<1.0
Chloroethane	21000	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.59	<1.0
Chloroform	80	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.29	<1.0
Chloromethane	190	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.53	<1.0
o-Chlorotoluene	240	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.30	<2.0
p-Chlorotoluene	250	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.24	<2.0
1,2-Dibromo-3-chloropropane	0.2	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.69	<2.0
Dibromochloromethane	80	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.16	<1.0
1,2-Dibromoethane	0.05	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.21	<1.0
1,2-Dichlorobenzene	600	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.50	<1.0
1,3-Dichlorobenzene	NA	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.50	<1.0
1,4-Dichlorobenzene	75	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.50	<1.0
Dichlorodifluoromethane	200	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<1.9	<2.0
1,1-Dichloroethane	27	130	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	**4.9**	**5.7**
1,2-Dichloroethane	5	50	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.20	<1.0
1,1-Dichloroethene	7	300	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.47	<1.0
cis-1,2-Dichloroethene	70	NA	<1.0	<1.0	**65.4**	**3090**	<1.0	**6.9**	**100**	<1.0	**353**	**618**
trans-1,2-Dichloroethene	100	NA	<1.0	<1.0	**0.93 J**	**24.4**	<1.0	**5.9**	**17.1**	<1.0	**13.9**	**19.3**
1,2-Dichloropropane	5	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.24	<1.0
1,3-Dichloropropane	370	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.28	<1.0
2,2-Dichloropropane	NA	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.30	<1.0
1,1-Dichloropropene	NA	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.29	<1.0
cis-1,3-Dichloropropene	NA	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.25	<1.0
trans-1,3-Dichloropropene	NA	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.22	<1.0
Ethylbenzene	700	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.22	<1.0
Hexachlorobutadiene	3	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.34	<2.0
Isopropylbenzene	450	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.25	<1.0
p-Isopropyltoluene	NA	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.24	<2.0
Methyl Tert Butyl Ether	140	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.25	<1.0
4-Methyl-2-pentanone(MIBK)	1200	NA	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<13	<5.0	<3.0	<5.0
Methylene bromide	8	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.45	<1.0
Methylene chloride	5	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<1.0	<2.0
Naphthalene	1.7	110	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<13	<5.0	<1.1	<5.0
n-Propylbenzene	660	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.24	<2.0
Styrene	100	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.24	<1.0
1,1,1,2-Tetrachloroethane	5.7	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.19	<1.0
1,1,2,2-Tetrachloroethane	0.76	72	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.17	<1.0
Tetrachloroethene	5	110	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.50	<1.0
Toluene	1000	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.25	<1.0
1,2,3-Trichlorobenzene	7	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.50	<1.0
1,2,4-Trichlorobenzene	70	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.50	<1.0
1,1,1-Trichloroethane	200	13000	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.25	<1.0
1,1,2-Trichloroethane	5	11	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.24	<1.0
Trichloroethene	5	9.1	<1.0	<1.0	**1.3**	<5.0	**12**	**167**	**484**	**5.7**	**46.9**	**72.8**
Trichlorofluoromethane	1100	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.60	<2.0
1,2,3-Trichloropropane	0.0075	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.47	<2.0
1,2,4-Trimethylbenzene	15	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	**0.31 J**	<2.0
1,3,5-Trimethylbenzene	120	NA	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<5.0	<2.0	<0.20	<2.0
Vinyl chloride	2	2.1	<1.0	<1.0	**9**	**190**	<1.0	<1.0	<2.5	<1.0	**2.6**	**2.4**
m,p-Xylene	190	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.43	<1.0
o-Xylene	190	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.22	<1.0
Xylene (total)	10000	NA	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<2.5	<1.0	<0.22	<1.0

Results in micrograms per liter
RCG = Remediation Closure Guide; NA=Not Available
Bold Font Indicates detected Analyte
Shaded Cell Indicates Tap Water Exceedance
See Explanation Page for Laboratory Flags

FIGURES



N

0 1 Mile 2 Miles

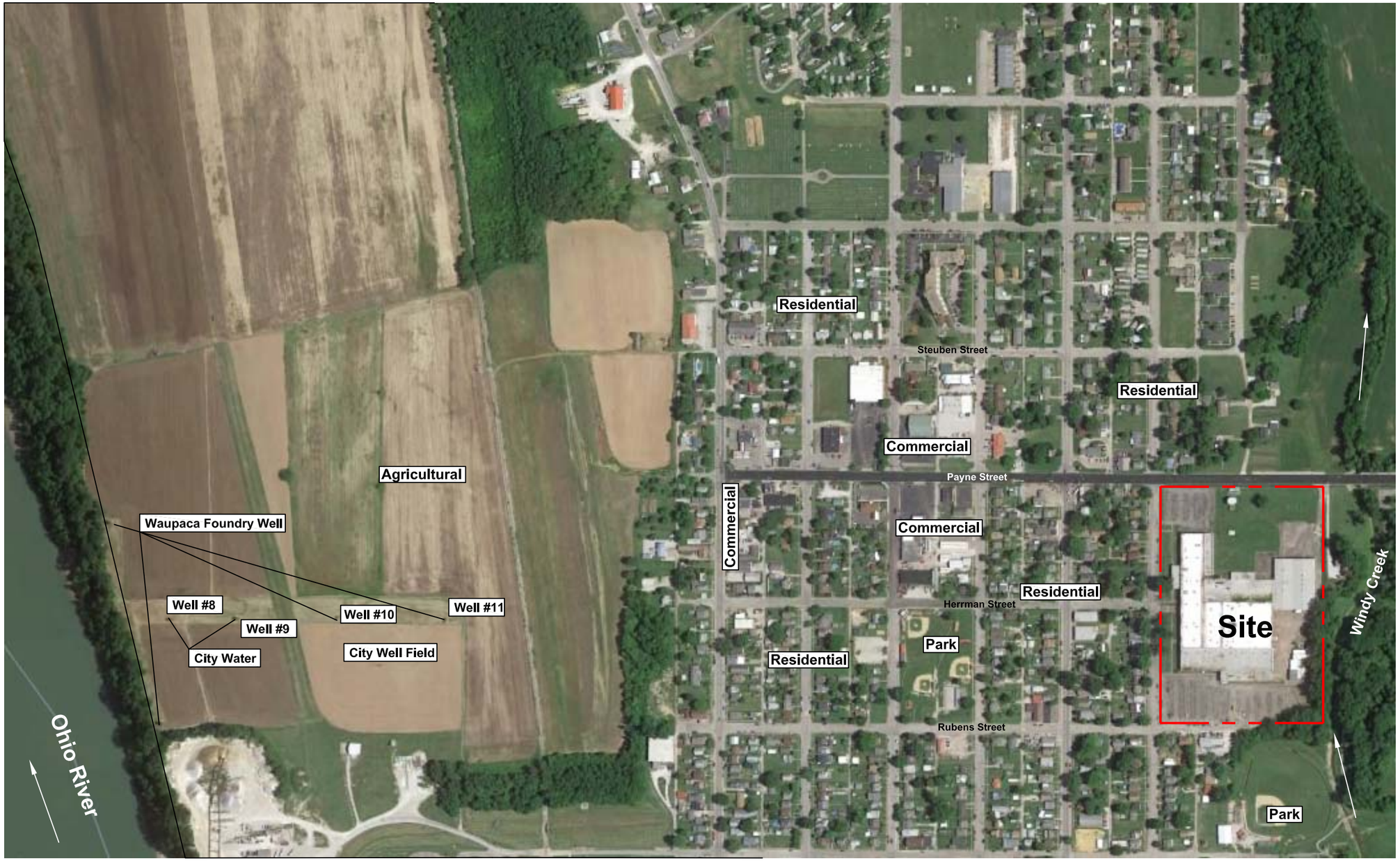
GRAPHIC SCALE

Site Location Map

GE Tell City Facility
1412 13th Street
Tell City, Indiana

ARCADIS Design & Consultancy for natural and built assets

Figure 1



7th Street
Main Street
9th Street
10th Street
11th Street
12th Street
13th Street

0 500' 1,000'
GRAPHIC SCALE

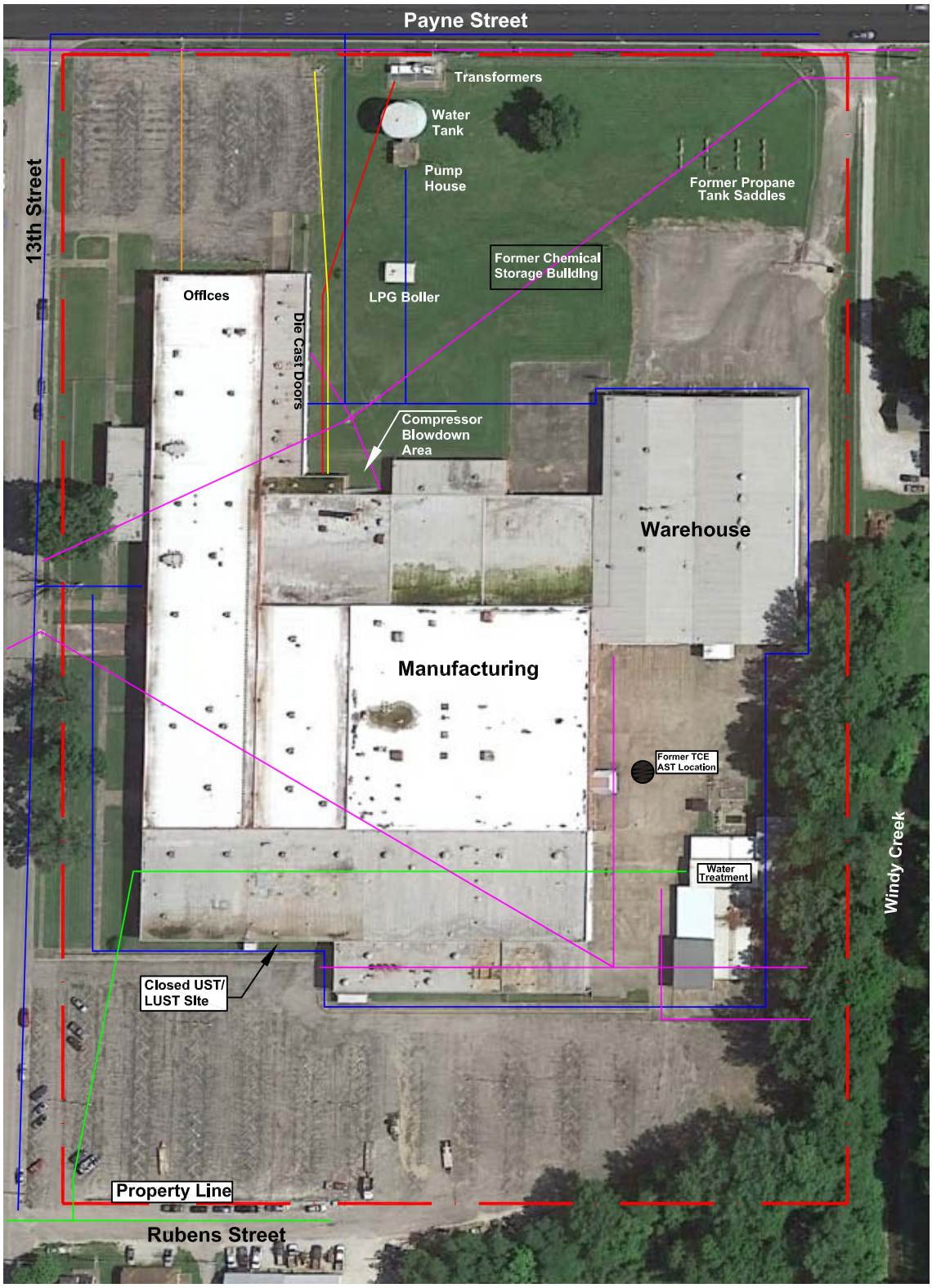
Site Property Line

GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

Area Map

ARCADIS Design & Consultancy for natural and built assets

FIGURE
2



Sanitary/Wastewater Sewer
Storm Sewer
Natural Gas
Water
Communication
Electrical

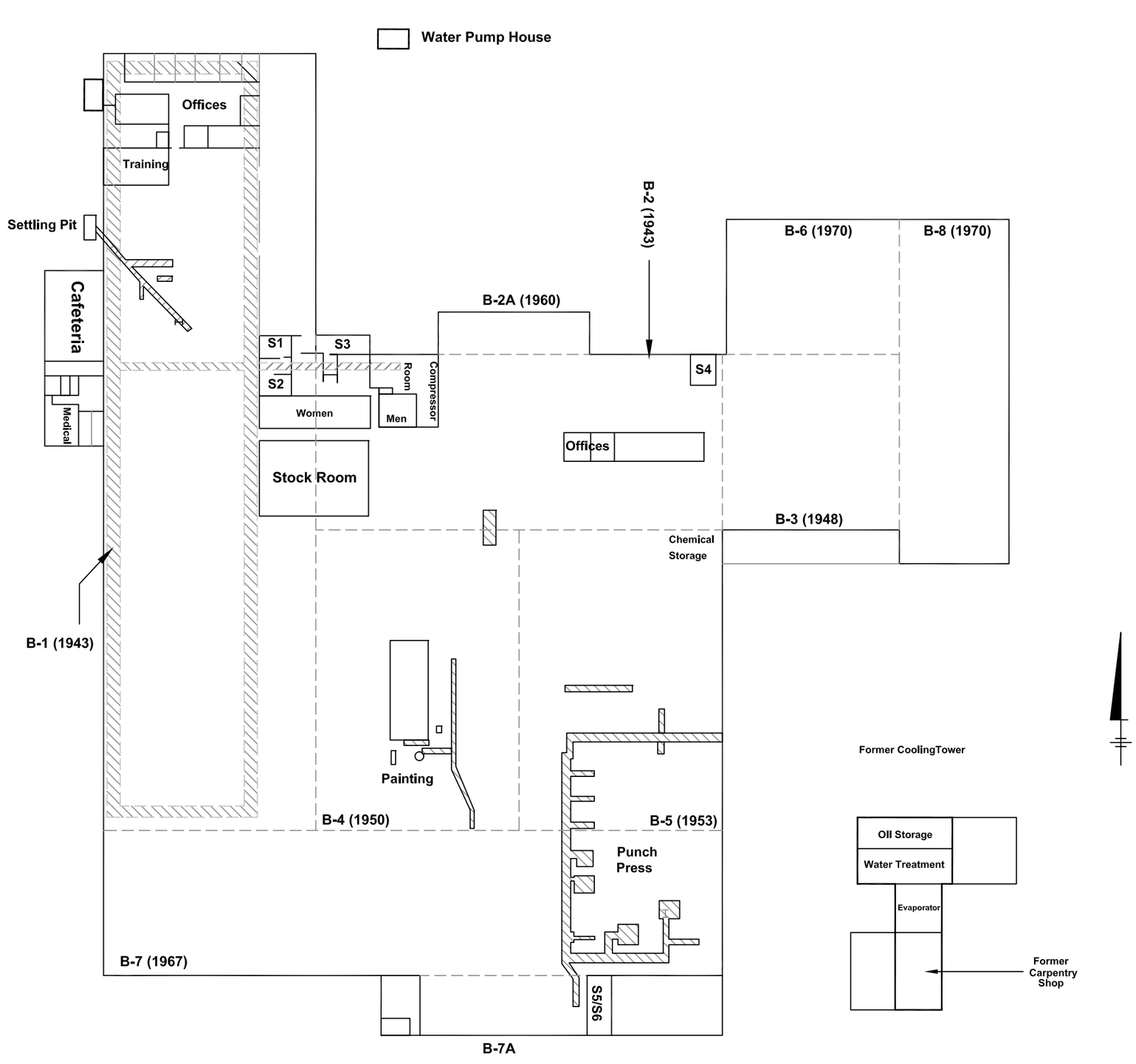
0 100' 200'
GRAPHIC SCALE

Site Map

GE Tell City Facility
1412 13th Street
Tell City, Indiana

ARCADIS Design & Consultancy for natural and built assets

Figure 3



Sub-Grade Structure

Sub-Building Division

B-6 (1970) Sub-BuildingNumber and Year Built

S Transformer Room

0 100' 200'

GRAPHIC SCALE

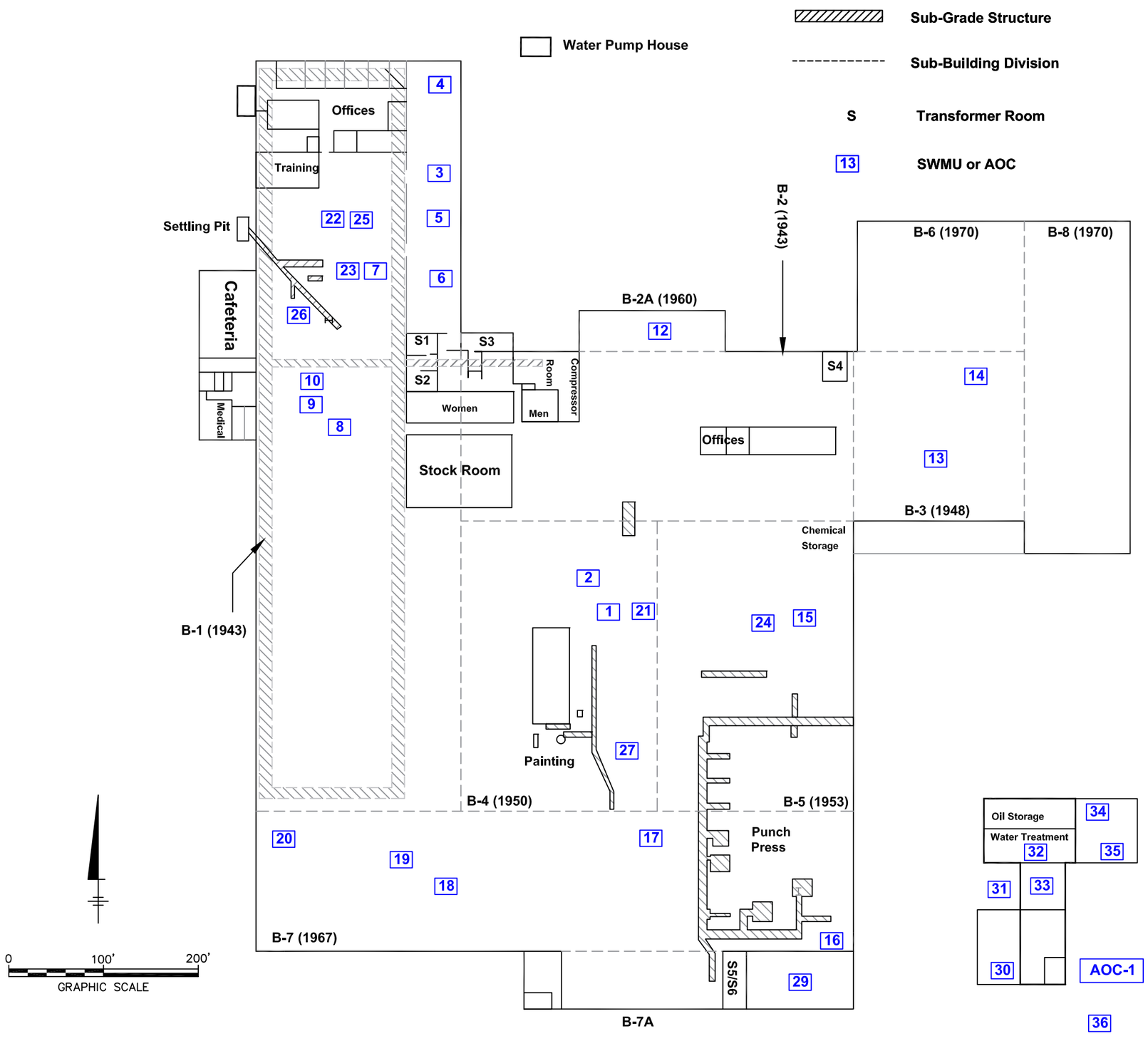
GE TELL CITY FACILITY
1412 13th STREET
TELL CITY, INDIANA

Building Map

ARCADIS Design & Consultancy for natural and built assets

FIGURE

4



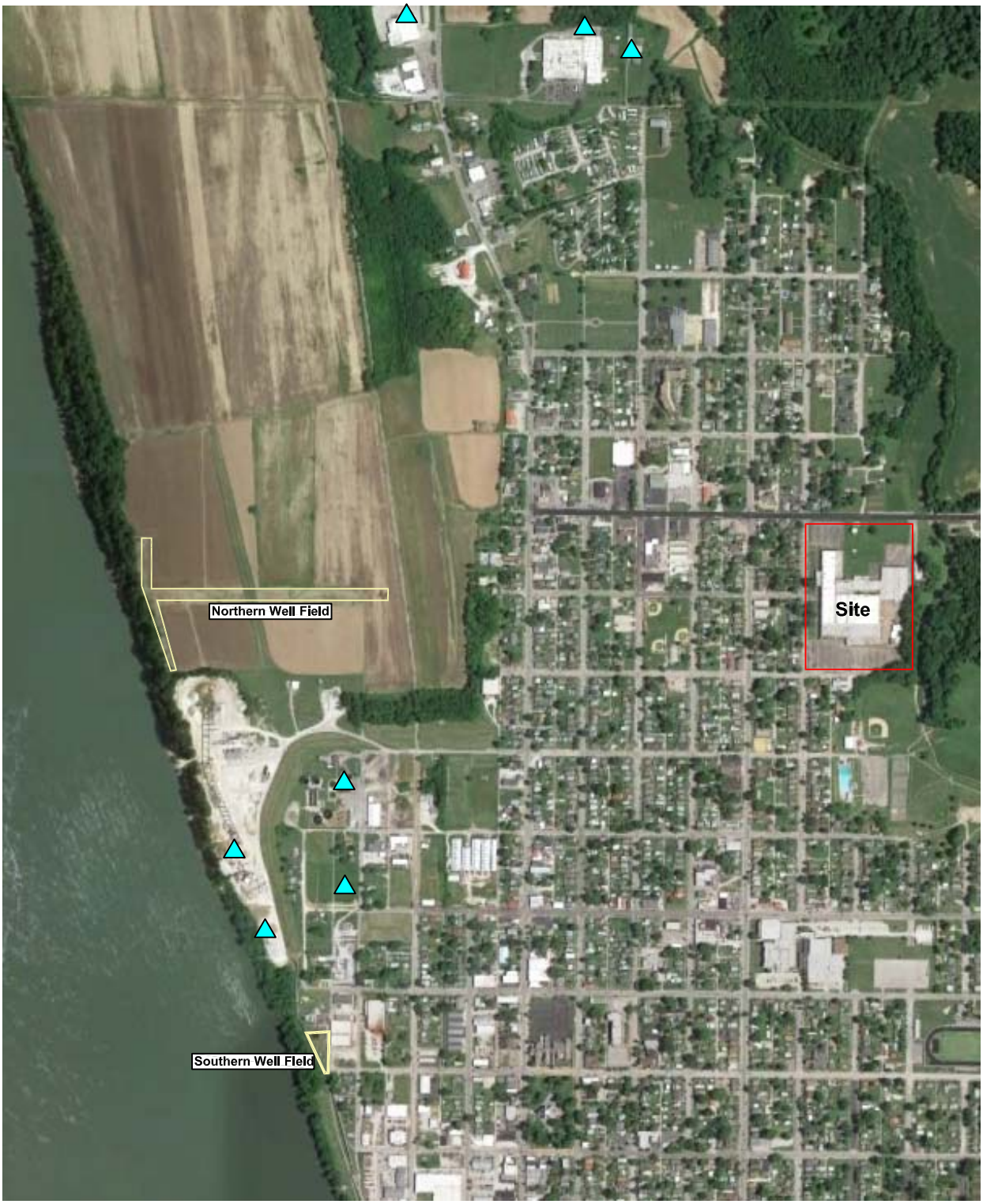
SWMU Number	SWMU Identification
SWMU 1	Station 1 (Single Satellite Accumulation Drum)
SWMU 2	Station 2 (Single Satellite Accumulation Drum)
SWMU 3	Station 3 (Single Satellite Accumulation Drum)
SWMU 4	Station 4 (Single Satellite Accumulation Drum)
SWMU 5	Station 5 (Single Satellite Accumulation Drum)
SWMU 6	Station 6 (Single Satellite Accumulation Drum)
SWMU 7	Station 7 (Single Satellite Accumulation Drum)
SWMU 8	Station 8 (Single Satellite Accumulation Drum)
SWMU 9	Station 9 (Single Satellite Accumulation Drum)
SWMU 10	Station 10 (Single Satellite Accumulation Drum)
SWMU 11	Station 11 (not located; planned PCB Accumulation Area)
SWMU 12	Station 12 (Single Satellite Accumulation Drum)
SWMU 13	Station 13 (Single Satellite Accumulation Drum)
SWMU 14	Station 14 (Single Satellite Accumulation Drum)
SWMU 15	Station 15 (Single Satellite Accumulation Drum)
SWMU 16	Station 16 (Single Satellite Accumulation Drum)
SWMU 17	Station 17 (Single Satellite Accumulation Drum)
SWMU 18	Station 18 (Single Satellite Accumulation Drum)
SWMU 19	Station 19 (Single Satellite Accumulation Drum)
SWMU 20	Station 20 (Single Satellite Accumulation Drum)
SWMU 21	Station 21 (Single Satellite Accumulation Drum)
SWMU 22	Station 22 (Single Satellite Accumulation Drum)
SWMU 23	Station 23 (Single Satellite Accumulation Drum)
SWMU 24	Station 24 (Single Satellite Accumulation Drum)
SWMU 25	Coolant Recycling Unit (Mobile Unit)
SWMU 26	Sump No. 1 (Sub-Grade Piping)
SWMU 27	Sump No. 2 (Sub-Grade Piping)
SWMU 28	Misc. Waste Accumulation Areas (Drip Pans, Scrap Metal, Metal Fines, and Oil Absorbents Throughout the Site)
SWMU 29	Rotoclone Scrap Metal Dumpster
SWMU 30	Scrap Metal Dumpsters with Waste Oil Drainage
SWMU 31	Former Hazardous Waste Storage Area
SWMU 32	Waste Water Treatment Building
SWMU 33	Evaporation Unit
SWMU 34	Hazardous Waste Storage Area
SWMU 35	Non-Hazardous Waste Storage Area
SWMU 36	Incinerator
AOC-1	Release Area

GE TELL CITY FACILITY
1412 13th STREET
TELL CITY, INDIANA

Solid Waste Management Unit (SWMU) And Area of Concern (AOC) Map

ARCADIS Design & Consultancy for natural and built assets

FIGURE
5



Well Location
(DNR Water Well Viewer)

N

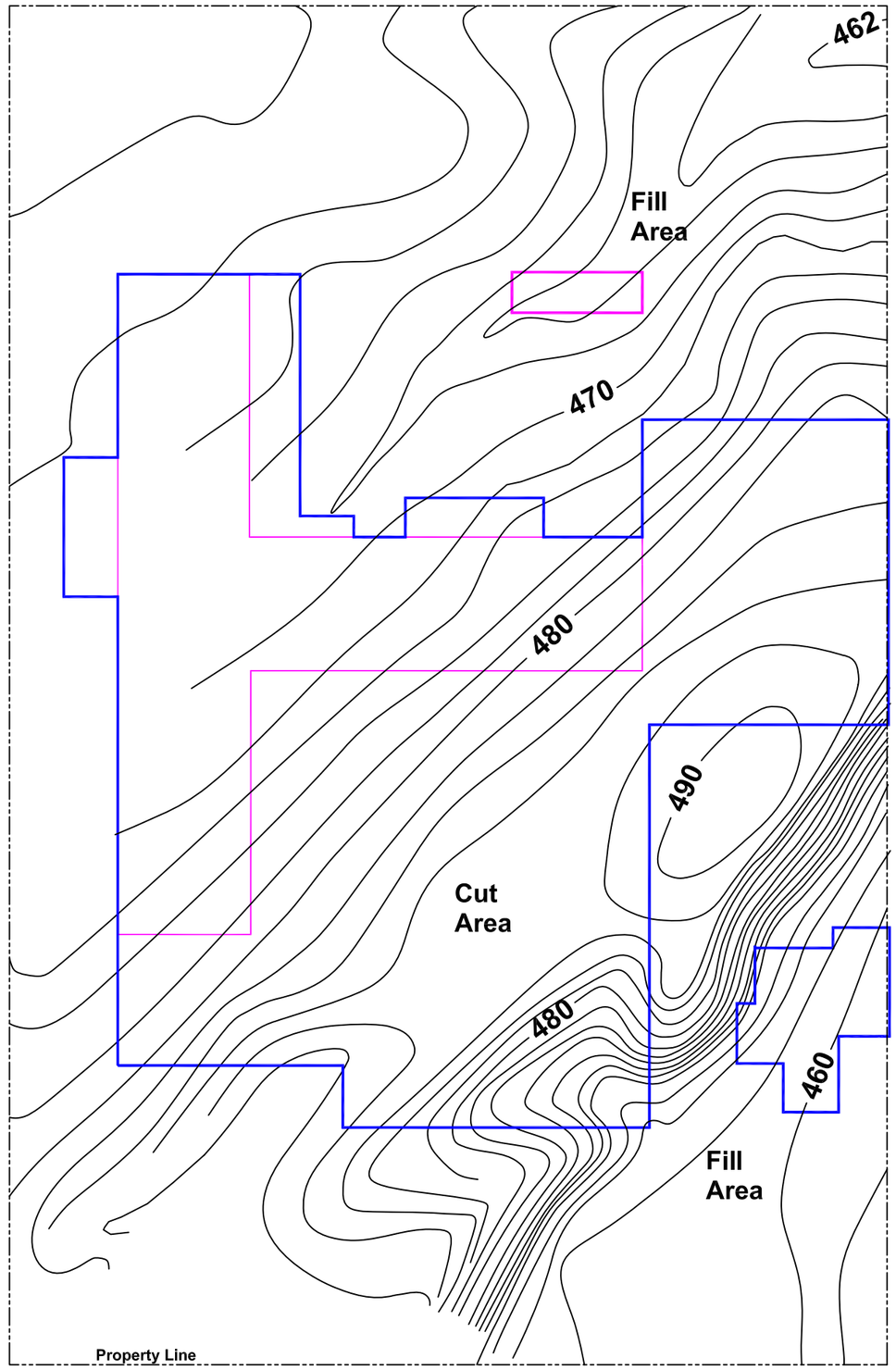
0 500' 1,000'
GRAPHIC SCALE

Water Well Locations

GE Tell City Facility
1412 13th Street
Tell City, Indiana

ARCADIS Design & Consultancy for natural and built assets

Figure 6



Original Building Footprint

Current Building Footprint

Contour Interval = 2 Feet

0 250' 500'

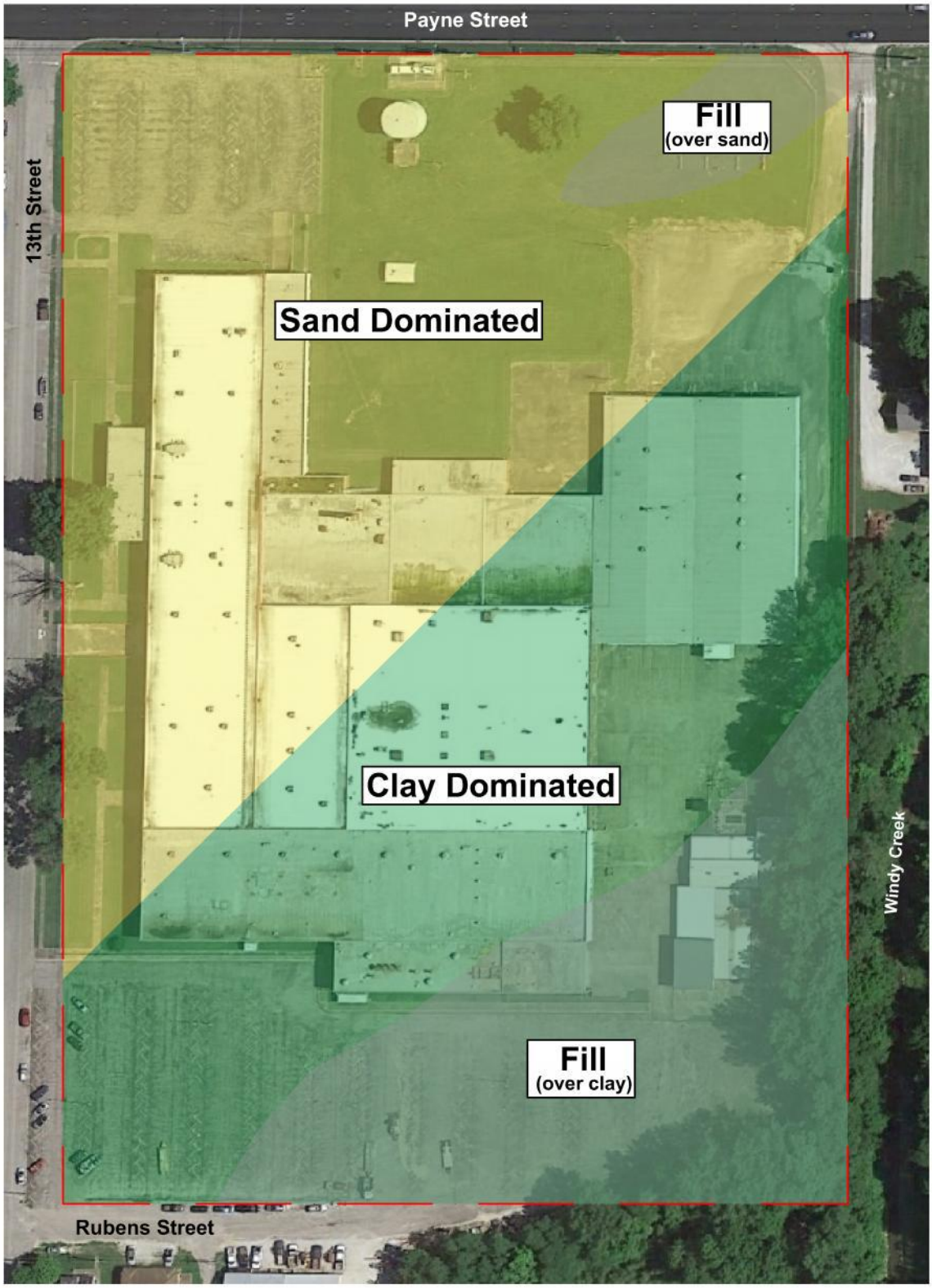
GRAPHIC SCALE

GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

Pre-Construction Topography

ARCADIS Design & Consultancy for natural and built assets

FIGURE
7

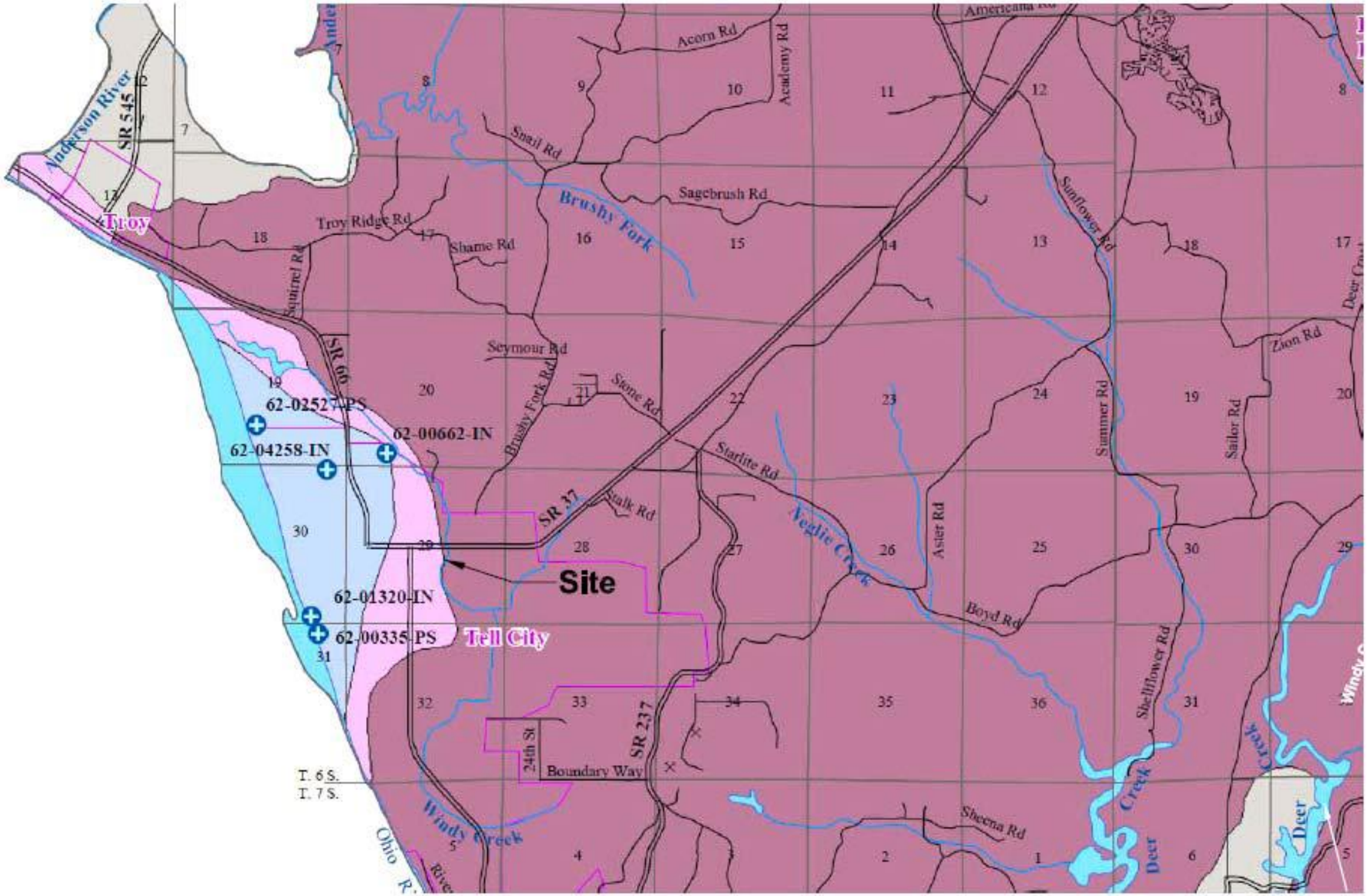


Site Geologic Settings

GE Tell City Facility
1412 13th Street
Tell City, Indiana

ARCADIS Design & Consultancy for natural and built assets

Figure 8



Unglaciated Southern Hills and Lowlands Aquifer System

The Unglaciated Southern Hills and Lowlands Aquifer System covers most of Perry County. This aquifer system is relatively high in clay and silt content and fragmented rock, although thin deposits of sand and/or gravel are present in places. Included in this system are relatively thin deposits of alluvium, colluvium, and lacustrine materials within a few of the stream valleys.

The total thickness of the Unglaciated Southern Hills and Lowlands Aquifer System in Perry County typically ranges from less than 1 foot to 50 feet. This system has the most limited ground-water resources of the unconsolidated aquifer systems in the county. Potential yields of conventionally drilled wells in the Unglaciated Southern Hills and Lowlands Aquifer System in Perry County are generally known to be so small that wells are commonly completed in the underlying bedrock. Because of the generally low permeability of the near-surface materials, this system is not very susceptible to contamination from surface sources.

Ohio River Outwash Aquifer System

The Ohio River Outwash Aquifer System occupies portions of the main valley of the Ohio River. Great quantities of outwash from the melting glaciers were transported within this valley during the Wisconsin and pre-Wisconsin glacial periods. This aquifer system contains large volumes of sand and gravel that partially fill the main river valley. As the glaciers melted, the sediment contained within them was delivered to the Ohio River in quantities too large for the stream to transport. As a result, the increased sediment load was stored in the valley as vertical and lateral accretionary deposits. As long as the retreating glaciers continued to provide sediment in quantities too large for the stream to transport further downstream, the valley continued to be filled. This valley-filling process formed the most prolific aquifer system in the county.

Total thickness of the Ohio River Outwash Aquifer System ranges from about 40 feet near the edge of the valley to 160 feet. The saturated sand and gravel (aquifer) thickness of the Ohio River Outwash Aquifer System is typically between 40 and 75 feet. Commonly, 20 to 35 feet of silty to sandy clay overlie the aquifer materials. However, in some areas this layer is absent.

The Ohio River Outwash Aquifer System has the potential to consistently meet the needs of domestic and high-capacity water users. Domestic well yields range from 20 to 50 gpm and static water levels range from 40 to 70 feet below the land surface. There are six registered significant ground-water withdrawal facilities (17 wells) in this system in Perry County. Reported capacities range from 190 to 900 gpm. Static water levels are typically 30 to 35 feet below the land surface.

This aquifer system is highly susceptible to contamination in areas that lack overlying clay layers. Areas within the system that are overlain by thick layers of clay or silt are moderately susceptible to surface contamination.

Ohio River Outwash Aquifer Subsystem

In Perry County, the Ohio River Outwash Aquifer Subsystem is generally mapped as a transitional zone, contiguous to the outwash system. The one exception where the outwash subsystem is mapped independently from the outwash system is along the Ohio River near Troy. The saturated thickness of sand and gravel in the outwash subsystem is generally less than 15 feet. In some areas silty or sandy clay, with a typical thickness ranging from 10 to 30 feet, overlie the aquifer materials.

Well depths in the Ohio River Outwash Aquifer Subsystem in Perry County range from 58 to 183 feet, but wells are commonly completed at depths of about 60 to 150 feet. Domestic wells completed in the subsystem typically yield 10 to 20 gpm, with static water levels generally 30 to 55 feet below the land surface. Prospects of completing high-capacity wells in this aquifer system are limited to areas with sufficient saturated thickness and optimal well-field design. Areas within this aquifer system that have overlying clay or silt deposits are moderately susceptible to surface contamination, whereas, areas that lack overlying clay or silt deposits are highly susceptible to contamination.

Source: Hydrogeologic Atlas of Aquifers in Indiana

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Hydrogeologic Setting

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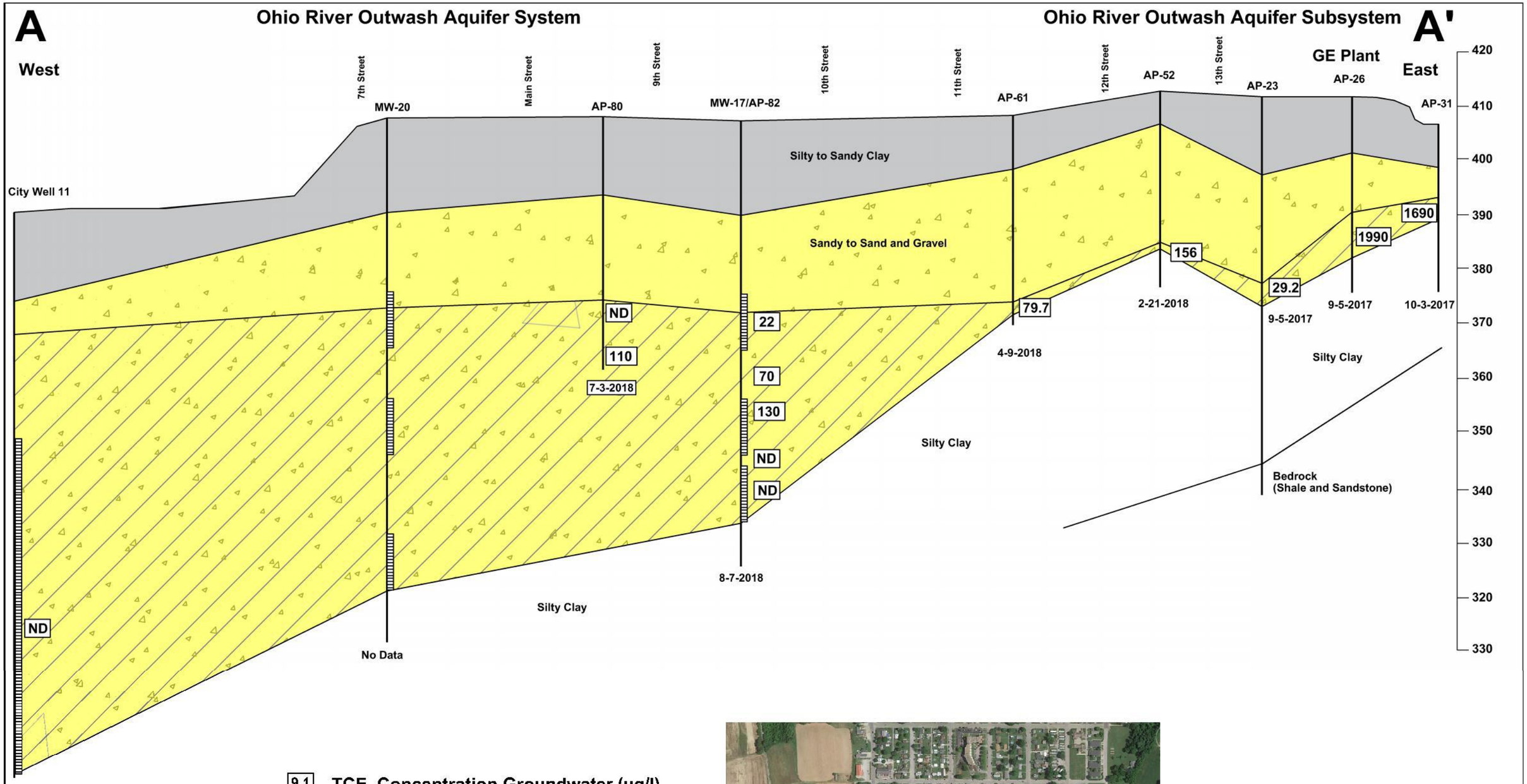
FIGURE
9



Well Screen

9.1 TCE Concentration Groundwater (ug/l)
TCE = Trichloroethene
ug/l = micrograms per liter
Dates Indicate Time of Sample Collection

Idealized Saturated Zone
Derived from Water Table at Time of Drilling

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Tell City Facility
1412 13th Street
Tell City, Indiana

Cross-Section A-A'

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FIGURE
10

Data Collected February 4, 2019

Inferred Groundwater Flow Direction

Equipotential Line

Monitoring Well

401.17 Groundwater Elevation

N

0 50' 100'

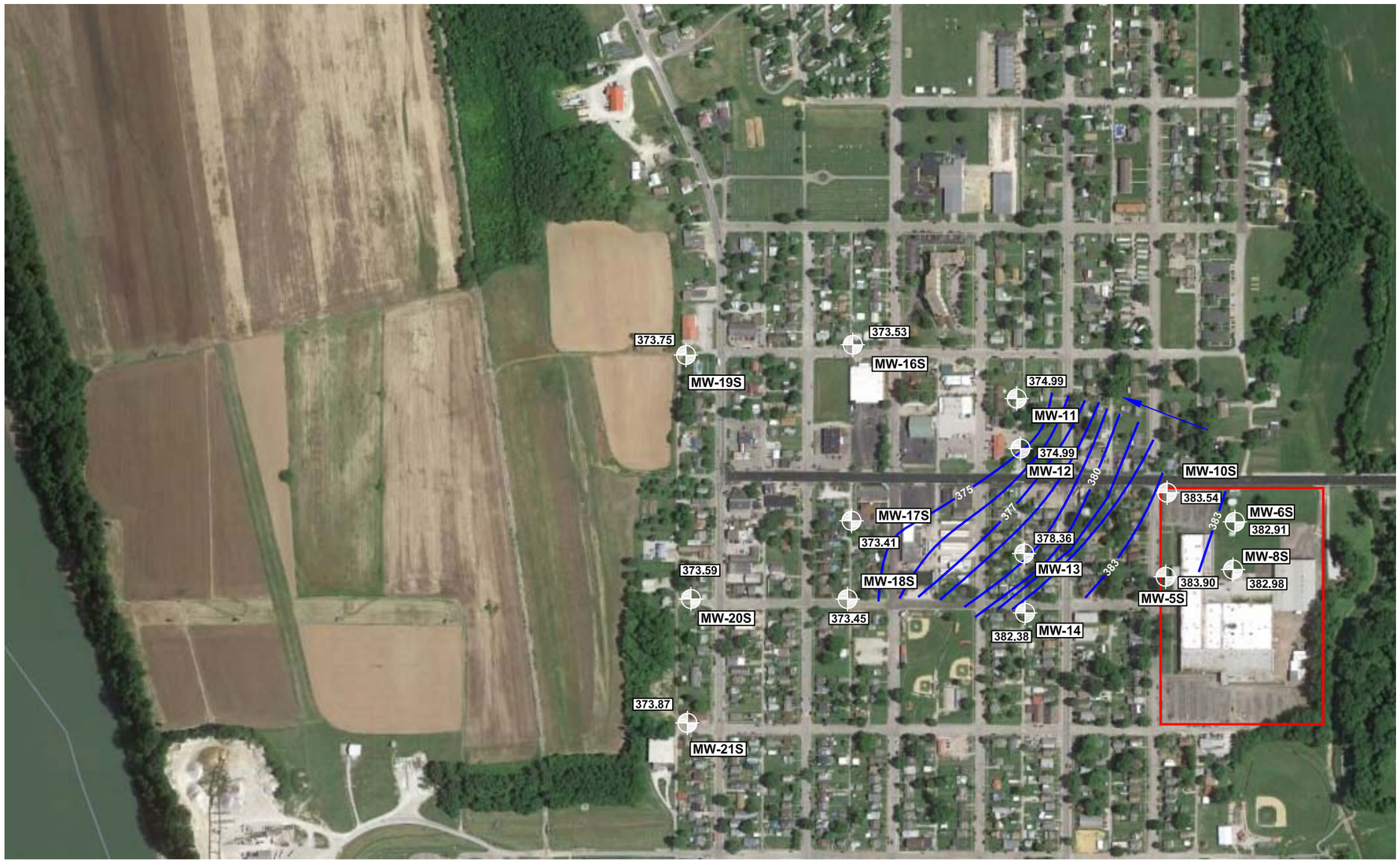
GRAPHIC SCALE

AOC 1 Potentiometric Map

GE Tell City Facility
1412 13th Street
Tell City, Indiana

ARCADIS Design & Consultancy for natural and built assets

Figure 11



Data Collected February 4, 2019

Inferred Groundwater Flow Direction

Equipotential Line

Monitoring Well

401.17 Groundwater Elevation

0 500' 1,000'

GRAPHIC SCALE

GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

Potentiometric Map of the Ohio River Outwash Aquifer Subsystem and Top of the Ohio River Outwash Aquifer System

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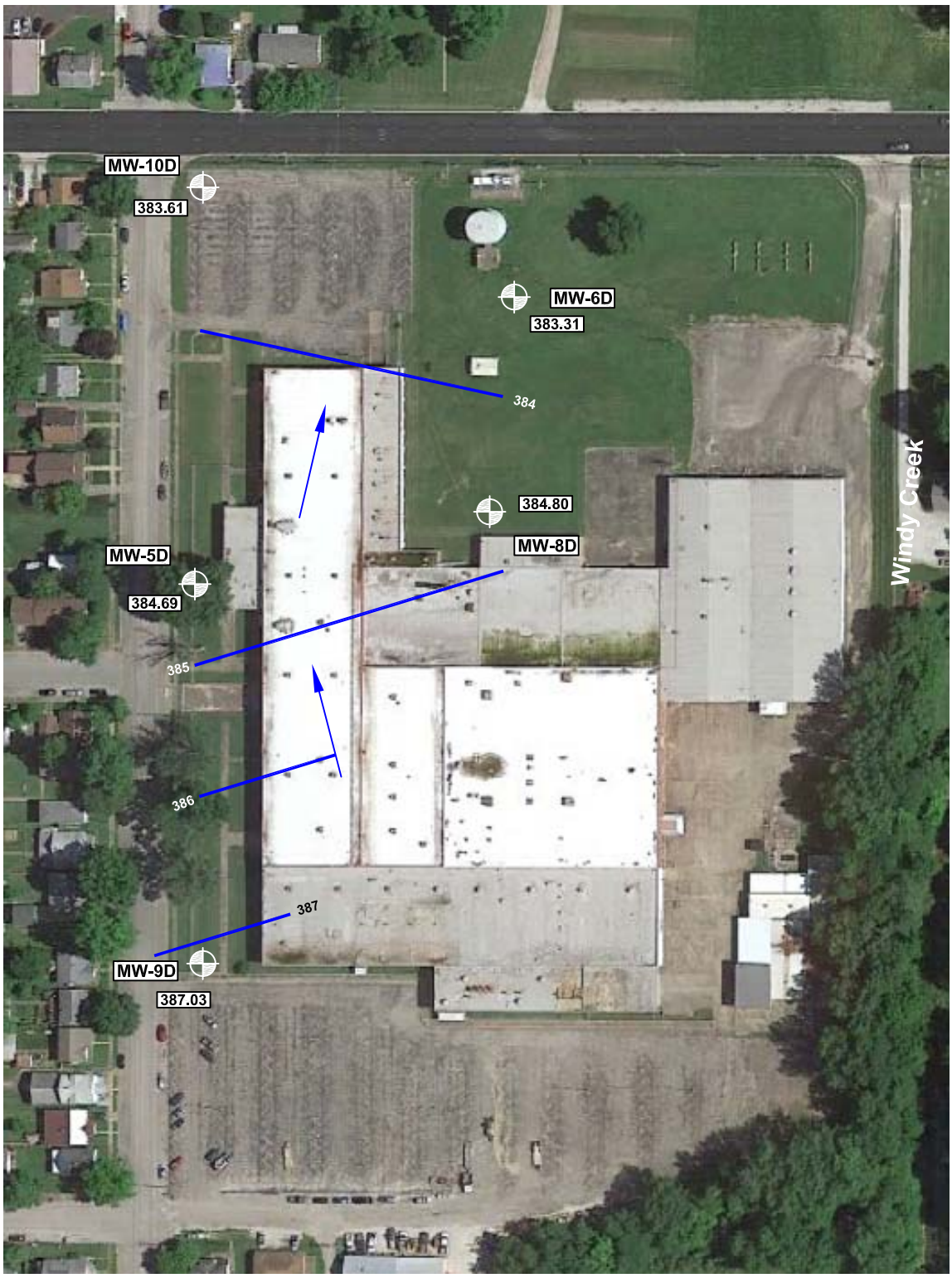
FIGURE
12



Data Collected February 4, 2019

Inferred Groundwater Flow Direction

Equipotential Line

Monitoring Well

401.17 Groundwater Elevation

0 100' 200'
GRAPHIC SCALE

Potentiometric Map of Discontinuous Sand Lenses in Deeper Clay

GE TEII City Facility

1412 13th Street, Tell City, Indiana

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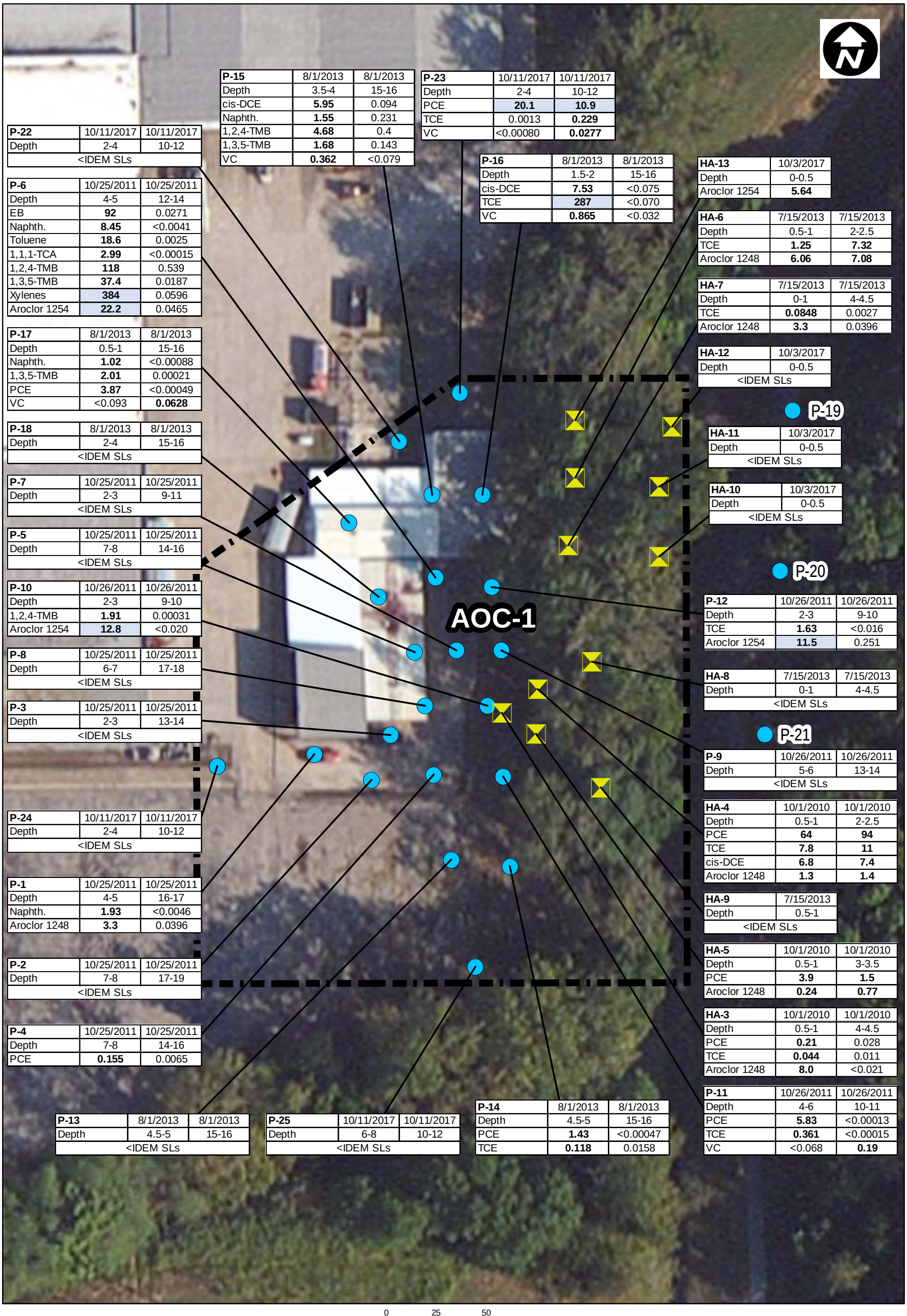
Figure 13



P-22	10/11/2017	10/11/2017
Depth	2-4	10-12
<IDEM SLs		

P-6	10/25/2011	10/25/2011
Depth	4-5	12-14
EB	**92**	0.0271
Naphth.	**8.45**	<0.0041
Toluene	**18.6**	0.0025
1,1,1-TCA	**2.99**	<0.00015
1,2,4-TMB	**118**	0.539
1,3,5-TMB	**37.4**	0.0187
Xylenes	**384**	0.0596
Aroclor 1254	**22.2**	0.0465

P-17	8/1/2013	8/1/2013
Depth	0.5-1	15-16
Naphth.	**1.02**	<0.00088
1,3,5-TMB	**2.01**	0.00021
PCE	**3.87**	<0.00049
VC	<0.093	**0.0628**

P-18	8/1/2013	8/1/2013
Depth	2-4	15-16
<IDEM SLs		

P-7	10/25/2011	10/25/2011
Depth	2-3	9-11
<IDEM SLs		

P-5	10/25/2011	10/25/2011
Depth	7-8	14-16
<IDEM SLs		

P-10	10/26/2011	10/26/2011
Depth	2-3	9-10
1,2,4-TMB	**1.91**	0.00031
Aroclor 1254	**12.8**	<0.020

P-8	10/25/2011	10/25/2011
Depth	6-7	17-18
<IDEM SLs		

P-3	10/25/2011	10/25/2011
Depth	2-3	13-14
<IDEM SLs		

P-24	10/11/2017	10/11/2017
Depth	2-4	10-12
<IDEM SLs		

P-1	10/25/2011	10/25/2011
Depth	4-5	16-17
Naphth.	**1.93**	<0.0046
Aroclor 1248	**3.3**	0.0396

P-2	10/25/2011	10/25/2011
Depth	7-8	17-19
<IDEM SLs		

P-4	10/25/2011	10/25/2011
Depth	7-8	14-16
PCE	**0.155**	0.0065

P-15	8/1/2013	8/1/2013
Depth	3.5-4	15-16
cis-DCE	**5.95**	0.094
Naphth.	**1.55**	0.231
1,2,4-TMB	**4.68**	0.4
1,3,5-TMB	**1.68**	0.143
VC	**0.362**	<0.079

P-23	10/11/2017	10/11/2017
Depth	2-4	10-12
PCE	**20.1**	**10.9**
TCE	0.0013	**0.229**
VC	<0.00080	**0.0277**

P-16	8/1/2013	8/1/2013
Depth	1.5-2	15-16
cis-DCE	**7.53**	<0.075
TCE	**287**	<0.070
VC	**0.865**	<0.032

HA-13	10/3/2017
Depth	0-0.5
Aroclor 1254	**5.64**

HA-6	7/15/2013	7/15/2013
Depth	0.5-1	2-2.5
TCE	**1.25**	**7.32**
Aroclor 1248	**6.06**	**7.08**

HA-7	7/15/2013	7/15/2013
Depth	0-1	4-4.5
TCE	**0.0848**	0.0027
Aroclor 1248	**3.3**	0.0396

HA-12	10/3/2017
Depth	0-0.5
<IDEM SLs	

HA-11	10/3/2017
Depth	0-0.5
<IDEM SLs	

HA-10	10/3/2017
Depth	0-0.5
<IDEM SLs	

P-12	10/26/2011	10/26/2011
Depth	2-3	9-10
TCE	**1.63**	<0.016
Aroclor 1254	**11.5**	0.251

HA-8	7/15/2013	7/15/2013
Depth	0-1	4-4.5
<IDEM SLs		

P-9	10/26/2011	10/26/2011
Depth	5-6	13-14
<IDEM SLs		

HA-4	10/1/2010	10/1/2010
Depth	0.5-1	2-2.5
PCE	**64**	**94**
TCE	**7.8**	**11**
cis-DCE	**6.8**	**7.4**
Aroclor 1248	**1.3**	**1.4**

HA-9	7/15/2013
Depth	0.5-1
<IDEM SLs	

HA-5	10/1/2010	10/1/2010
Depth	0.5-1	3-3.5
PCE	**3.9**	**1.5**
Aroclor 1248	**0.24**	**0.77**

HA-3	10/1/2010	10/1/2010
Depth	0.5-1	4-4.5
PCE	**0.21**	0.028
TCE	**0.044**	0.011
Aroclor 1248	**8.0**	<0.021

P-11	10/26/2011	10/26/2011
Depth	4-6	10-11
PCE	**5.83**	<0.00013
TCE	**0.361**	<0.00015
VC	<0.068	**0.19**

P-13	8/1/2013	8/1/2013
Depth	4.5-5	15-16
<IDEM SLs		

P-25	10/11/2017	10/11/2017
Depth	6-8	10-12
<IDEM SLs		

P-14	8/1/2013	8/1/2013
Depth	4.5-5	15-16
PCE	**1.43**	<0.00047
TCE	**0.118**	0.0158

Legend

- Area Of Concern (AOC)
- Hand Auger
- Soil Boring

0 25 50
Feet

Notes:

1. Analytes exceeding IDEM soil screening levels for location in AOC-1 are provided in the above data boxes
2. Results in milligrams per kilogram (mg/kg)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. MTG = Migration to Groundwater
5. **Bold** font indicates concentration above the migration to groundwater screening level
6. Shaded cell indicates concentration above the industrial direct contact screening level

Analyte		MTG	Industrial Direct Contact
cis-DCE	cis-1,2-Dichloroethene	0.41	2,300
Naphth.	Naphthalene	0.11	170
PCE	Tetrachloroethene	0.045	170
TCE	Trichloroethene	0.036	19
VC	Vinyl chloride	0.014	17
1,2,4-TMB	1,2,4-Trimethylbenzene	0.44	220
1,3,5-TMB	1,3,5-Trimethylbenzene	3.4	180
EB	Ethylbenzene	16	250
Toluene	Toluene	14	820
1,1,1-TCA	1,1,1-Trichloroethane	1.4	640
Xylenes	Xylenes	200	260
Xylenes	Xylenes	200	260
Aroclor 1248	Aroclor 1248	0.24	9.5
Aroclor 1254	Aroclor 1254	0.41	9.7

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AOC-1 SOIL DATA

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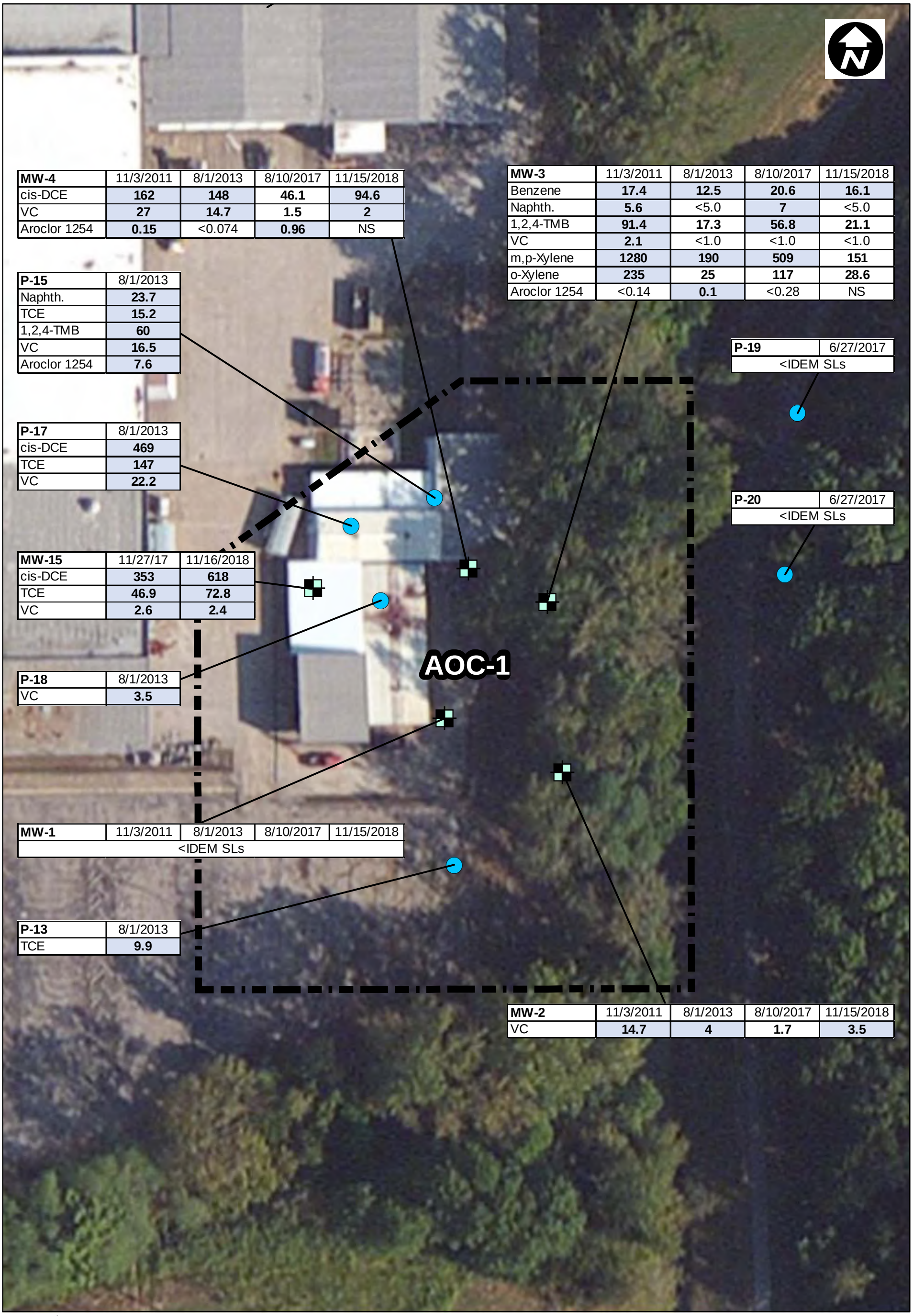
FIGURE
14

City: CITRIX Author: MNesta Path: Z:\GIS\Projects_ENV\GE\GE_Tell_City_IN\MXD\Report_Figs_01212019\2019-03-27\Figure14_AOC-1_Soil Data.mxd



MW-4	11/3/2011	8/1/2013	8/10/2017	11/15/2018
cis-DCE	**162**	**148**	**46.1**	**94.6**
VC	**27**	**14.7**	**1.5**	**2**
Aroclor 1254	**0.15**	<0.074	**0.96**	NS

MW-3	11/3/2011	8/1/2013	8/10/2017	11/15/2018
Benzene	**17.4**	**12.5**	**20.6**	**16.1**
Naphth.	**5.6**	<5.0	**7**	<5.0
1,2,4-TMB	**91.4**	**17.3**	**56.8**	**21.1**
VC	**2.1**	<1.0	<1.0	<1.0
m,p-Xylene	**1280**	**190**	**509**	**151**
o-Xylene	**235**	**25**	**117**	**28.6**
Aroclor 1254	<0.14	**0.1**	<0.28	NS

P-15	8/1/2013
Naphth.	**23.7**
TCE	**15.2**
1,2,4-TMB	**60**
VC	**16.5**
Aroclor 1254	**7.6**

P-19	6/27/2017
<IDEM SLs	

P-17	8/1/2013
cis-DCE	**469**
TCE	**147**
VC	**22.2**

P-20	6/27/2017
<IDEM SLs	

MW-15	11/27/17	11/16/2018
cis-DCE	**353**	**618**
TCE	**46.9**	**72.8**
VC	**2.6**	**2.4**

P-18	8/1/2013
VC	**3.5**

MW-1	11/3/2011	8/1/2013	8/10/2017	11/15/2018
<IDEM SLs				

P-13	8/1/2013
TCE	**9.9**

MW-2	11/3/2011	8/1/2013	8/10/2017	11/15/2018
VC	**14.7**	**4**	**1.7**	**3.5**

Legend

- Area Of Concern (AOC)
- Soil Boring
- AOC-1 Monitoring Well
- AOC-1 Monitoring Well

0 25 50
Feet

Notes:

1. Analytes exceeding IDEM tap water screening levels for location in AOC-1 are provided in the above data boxes
2. Results in micrograms per liter (ug/l)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. MTG = Migration to Groundwater
5. **Bold** font indicates detected analyte
6. Shaded cell indicates concentration above the tap water screening level

Analyte		Tap Water Screening Level
cis-DCE	cis-1,2-Dichloroethene	**70**
TCE	Trichloroethene	**5**
VC	Vinyl chloride	**2**
Naphth.	Naphthalene	**1.7**
1,2,4-TMB	1,2,4-Trimethylbenzene	**56**
Aroclor 1254	Aroclor 1254	**0.078**
Benzene	Benzene	**5**
m,p-Xylene	m,p-Xylene	**190**
o-Xylene	o-Xylene	**190**

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AOC-1 GROUNDWATER DATA

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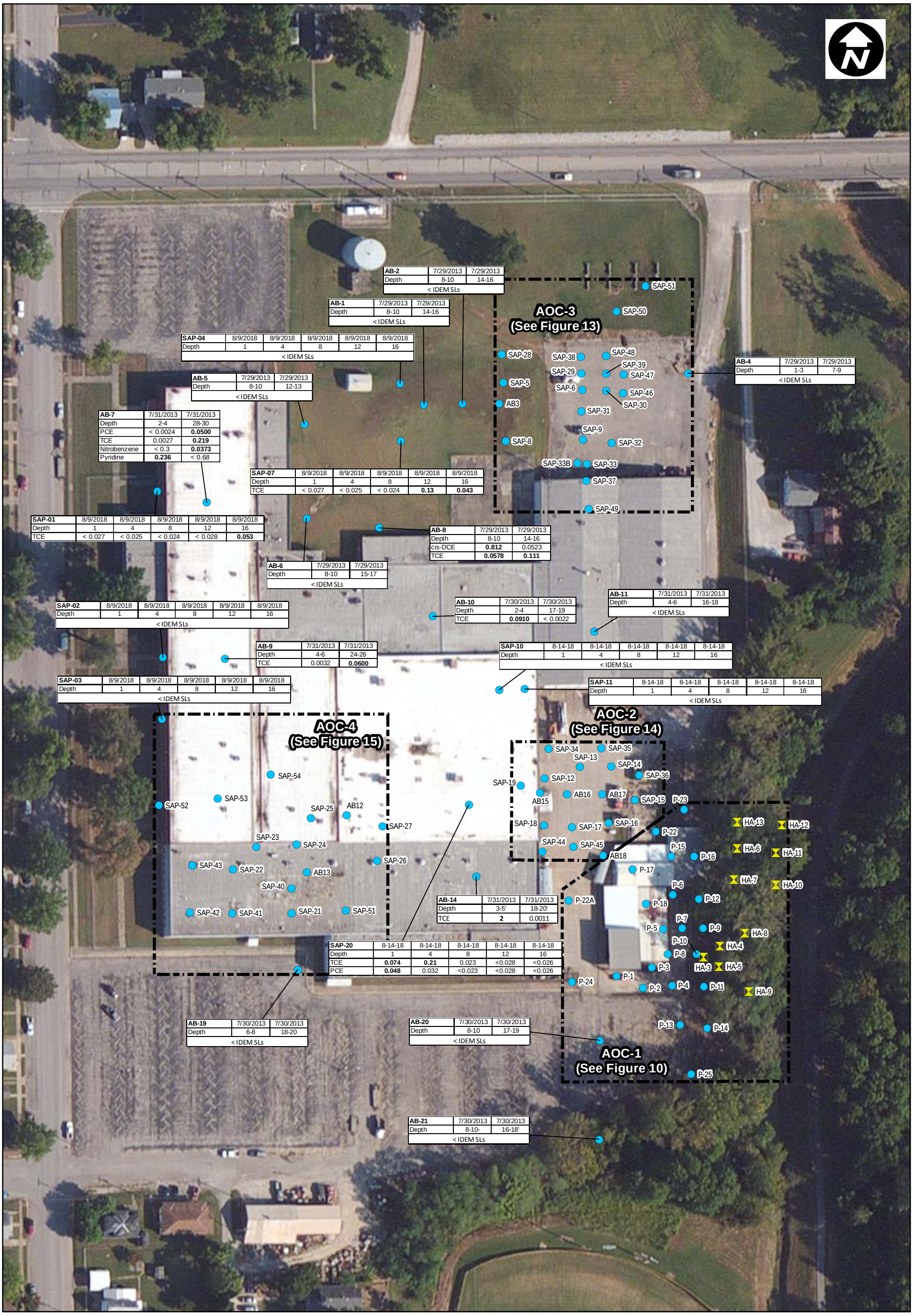
FIGURE
15

City: CITRIX Author: MNesta Path: Z:\GISProjects_ENV\GE\GE_Tell_City_IN\MXD\Report_Figs_01212019\2019-03-27\Figure15_AOC-1_Groundwater Data.mxd



AB-2	7/29/2013	7/29/2013
Depth	8-10	14-16
< IDEM SLs		

AB-1	7/29/2013	7/29/2013
Depth	8-10	14-16
< IDEM SLs		

SAP-04	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	12	16
< IDEM SLs					

AB-5	7/29/2013	7/29/2013
Depth	8-10	12-13
< IDEM SLs		

AB-7	7/31/2013	7/31/2013
Depth	2-4	28-30
PCE	< 0.0024	**0.0500**
TCE	0.0027	**0.219**
Nitrobenzene	< 0.3	**0.0373**
Pyridine	**0.236**	< 0.68

SAP-07	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	12	16
TCE	< 0.027	< 0.025	< 0.024	**0.13**	**0.043**

SAP-01	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	12	16
TCE	< 0.027	< 0.025	< 0.024	< 0.028	**0.053**

AB-8	7/29/2013	7/29/2013
Depth	8-10	14-16
cis-DCE	**0.812**	0.0523
TCE	**0.0578**	**0.111**

AB-6	7/29/2013	7/29/2013
Depth	8-10	15-17
< IDEM SLs		

AB-10	7/30/2013	7/30/2013
Depth	2-4	17-19
TCE	**0.0910**	< 0.0022

AB-11	7/31/2013	7/31/2013
Depth	4-6	16-18
< IDEM SLs		

SAP-02	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	12	16
< IDEM SLs					

AB-9	7/31/2013	7/31/2013
Depth	4-6	24-26
TCE	0.0032	**0.0600**

SAP-10	8-14-18	8-14-18	8-14-18	8-14-18	8-14-18
Depth	1	4	8	12	16
< IDEM SLs					

SAP-03	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	12	16
< IDEM SLs					

SAP-11	8-14-18	8-14-18	8-14-18	8-14-18	8-14-18
Depth	1	4	8	12	16
< IDEM SLs					

AB-14	7/31/2013	7/31/2013
Depth	3-5'	18-20'
TCE	**2**	0.0011

SAP-20	8-14-18	8-14-18	8-14-18	8-14-18	8-14-18
Depth	1	4	8	12	16
TCE	**0.074**	**0.21**	0.023	<0.028	<0.026
PCE	**0.048**	0.032	<0.023	<0.028	<0.026

AB-19	7/30/2013	7/30/2013
Depth	6-8	18-20
< IDEM SLs		

AB-20	7/30/2013	7/30/2013
Depth	8-10	17-19
< IDEM SLs		

AB-21	7/30/2013	7/30/2013
Depth	8-10-	16-18'
< IDEM SLs		

Legend

- Area Of Concern (AOC)
- Hand Auger
- Soil Boring

0 100 200
Feet

Notes:

1. Analytes exceeding IDEM soil screening levels for areas outside of AOCs are provided in the above data boxes
2. Results in milligrams per kilogram (mg/kg)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. MTG = Migration to Groundwater
5. **Bold** font indicates concentration above the migration to groundwater screening level

Analyte		MTG	Industrial Direct Contact
cis-DCE	cis-1,2-Dichloroethene	0.41	2,300
PCE	Tetrachloroethene	0.045	170
TCE	Trichloroethene	0.036	19
Nitrobenzene	Nitrobenzene	0.018	220
Pyridine	Pyridine	0.14	1,200

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SITE-WIDE SOIL SAMPLE LOCATIONS

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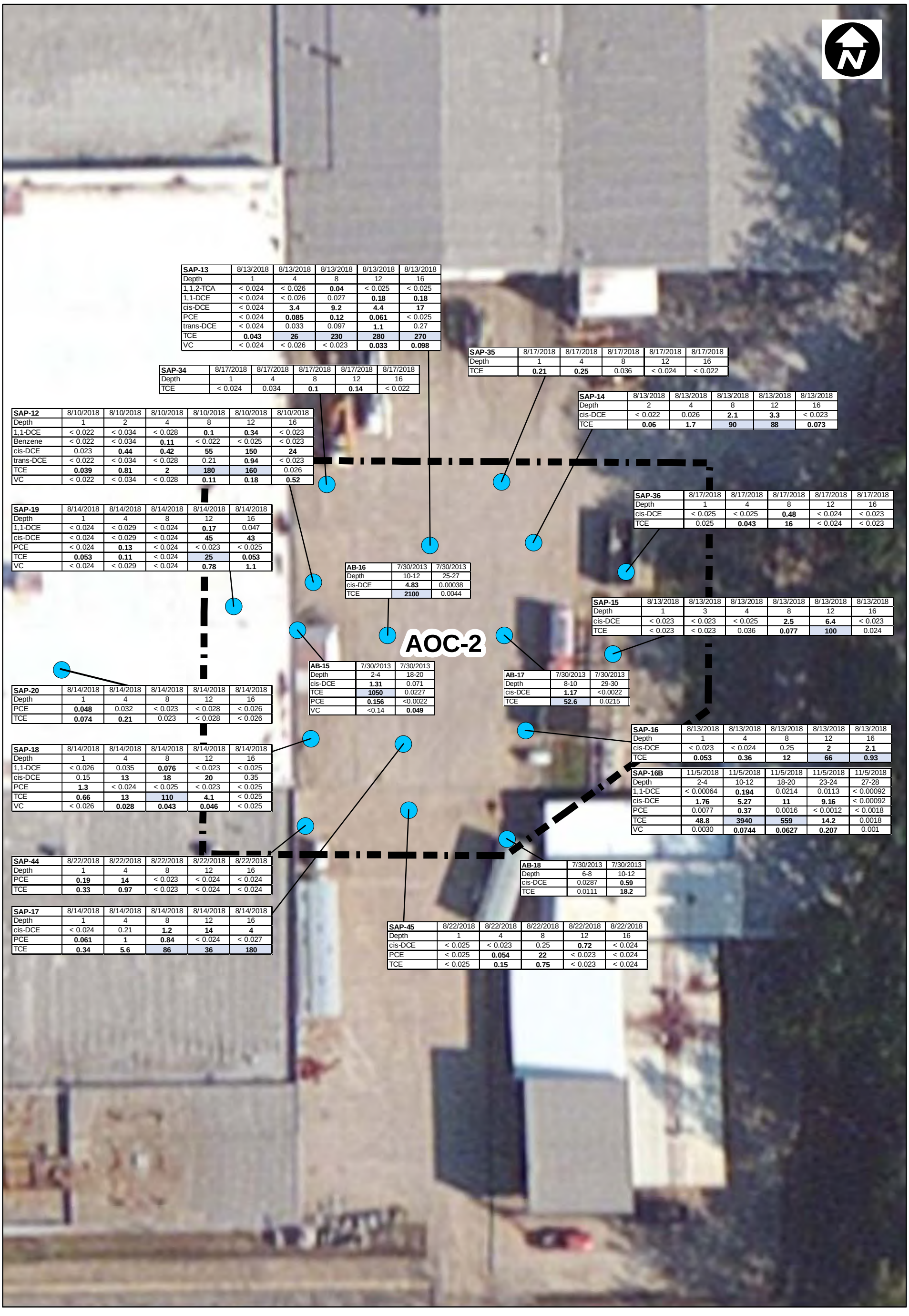
FIGURE
16

City: CITRIX Author: MNesta Path: Z:\GISProjects_ENVIGE\GE_Tell_City_IN\MXD\Report_Figs_01212019\2019-03-27\Figure16_Site-WideSoilSampleLocations.mxd



SAP-13	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018
Depth	1	4	8	12	16
1,1,2-TCA	< 0.024	< 0.026	**0.04**	< 0.025	< 0.025
1,1-DCE	< 0.024	< 0.026	0.027	**0.18**	**0.18**
cis-DCE	< 0.024	**3.4**	**9.2**	**4.4**	**17**
PCE	< 0.024	**0.085**	**0.12**	**0.061**	< 0.025
trans-DCE	< 0.024	0.033	0.097	**1.1**	0.27
TCE	**0.043**	**26**	**230**	**280**	**270**
VC	< 0.024	< 0.026	< 0.023	**0.033**	**0.098**

SAP-34	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018
Depth	1	4	8	12	16
TCE	< 0.024	0.034	**0.1**	**0.14**	< 0.022

SAP-35	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018
Depth	1	4	8	12	16
TCE	**0.21**	**0.25**	0.036	< 0.024	< 0.022

SAP-14	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018
Depth	2	4	8	12	16
cis-DCE	< 0.022	0.026	**2.1**	**3.3**	< 0.023
TCE	**0.06**	**1.7**	**90**	**88**	**0.073**

SAP-12	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018
Depth	1	2	4	8	12	16
1,1-DCE	< 0.022	< 0.034	< 0.028	**0.1**	**0.34**	< 0.023
Benzene	< 0.022	< 0.034	**0.11**	< 0.022	< 0.025	< 0.023
cis-DCE	0.023	**0.44**	**0.42**	**55**	**150**	**24**
trans-DCE	< 0.022	< 0.034	< 0.028	0.21	**0.94**	< 0.023
TCE	**0.039**	**0.81**	**2**	**180**	**160**	0.026
VC	< 0.022	< 0.034	< 0.028	**0.11**	**0.18**	**0.52**

SAP-36	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018
Depth	1	4	8	12	16
cis-DCE	< 0.025	< 0.025	**0.48**	< 0.024	< 0.023
TCE	0.025	**0.043**	**16**	< 0.024	< 0.023

SAP-19	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018
Depth	1	4	8	12	16
1,1-DCE	< 0.024	< 0.029	< 0.024	**0.17**	0.047
cis-DCE	< 0.024	< 0.029	< 0.024	**45**	**43**
PCE	< 0.024	**0.13**	< 0.024	< 0.023	< 0.025
TCE	**0.053**	**0.11**	< 0.024	**25**	**0.053**
VC	< 0.024	< 0.029	< 0.024	**0.78**	**1.1**

AB-16	7/30/2013	7/30/2013
Depth	10-12	25-27
cis-DCE	**4.83**	0.00038
TCE	**2100**	0.0044

SAP-15	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018
Depth	1	3	4	8	12	16
cis-DCE	< 0.023	< 0.023	< 0.025	**2.5**	**6.4**	< 0.023
TCE	< 0.023	< 0.023	0.036	**0.077**	**100**	0.024

AB-15	7/30/2013	7/30/2013
Depth	2-4	18-20
cis-DCE	**1.31**	0.071
TCE	**1050**	0.0227
PCE	**0.156**	<0.0022
VC	<0.14	**0.049**

AB-17	7/30/2013	7/30/2013
Depth	8-10	29-30
cis-DCE	**1.17**	<0.0022
TCE	**52.6**	0.0215

SAP-20	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018
Depth	1	4	8	12	16
PCE	**0.048**	0.032	< 0.023	< 0.028	< 0.026
TCE	**0.074**	**0.21**	0.023	< 0.028	< 0.026

SAP-16	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018
Depth	1	4	8	12	16
cis-DCE	< 0.023	< 0.024	0.25	**2**	**2.1**
TCE	**0.053**	**0.36**	**12**	**66**	**0.93**

SAP-18	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018
Depth	1	4	8	12	16
1,1-DCE	< 0.026	0.035	**0.076**	< 0.023	< 0.025
cis-DCE	0.15	**13**	**18**	**20**	0.35
PCE	**1.3**	< 0.024	< 0.025	< 0.023	< 0.025
TCE	**0.66**	**13**	**110**	**4.1**	< 0.025
VC	< 0.026	**0.028**	**0.043**	**0.046**	< 0.025

SAP-16B	11/5/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018
Depth	2-4	10-12	18-20	23-24	27-28
1,1-DCE	< 0.00064	**0.194**	0.0214	0.0113	< 0.00092
cis-DCE	**1.76**	**5.27**	**11**	**9.16**	< 0.00092
PCE	0.0077	**0.37**	0.0016	< 0.0012	< 0.0018
TCE	**48.8**	**3940**	**559**	**14.2**	0.0018
VC	0.0030	**0.0744**	**0.0627**	**0.207**	0.001

SAP-44	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
Depth	1	4	8	12	16
PCE	**0.19**	**14**	< 0.023	< 0.024	< 0.024
TCE	**0.33**	**0.97**	< 0.023	< 0.024	< 0.024

AB-18	7/30/2013	7/30/2013
Depth	6-8	10-12
cis-DCE	0.0287	**0.59**
TCE	0.0111	**18.2**

SAP-17	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018
Depth	1	4	8	12	16
cis-DCE	< 0.024	0.21	**1.2**	**14**	**4**
PCE	**0.061**	**1**	**0.84**	< 0.024	< 0.027
TCE	**0.34**	**5.6**	**86**	**36**	**180**

SAP-45	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
Depth	1	4	8	12	16
cis-DCE	< 0.025	< 0.023	0.25	**0.72**	< 0.024
PCE	< 0.025	**0.054**	**22**	< 0.023	< 0.024
TCE	< 0.025	**0.15**	**0.75**	< 0.023	< 0.024

Legend

Area Of Concern (AOC)

Soil Boring

Notes:

1. Analytes exceeding IDEM soil screening levels in AOC-2 are provided in the above data boxes
2. Results in milligrams per kilogram (mg/kg)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. MTG = Migration to Groundwater
5. **Bold** font indicates concentration above the migration to groundwater screening level
6. Shaded cell indicates concentration above the industrial direct contact screening level

0 30 60
Feet

Analyte		MTG	Industrial Direct Contact
1,1,2-TCA	1,1,2-Trichloroethane	0.032	6.3
1,1-DCE	1,1-Dichloroethene	0.05	1,000
Benzene	Benzene	0.051	51
cis-DCE	cis-1,2-Dichloroethene	0.41	2,300
PCE	Tetrachloroethene	0.045	170
trans-DCE	trans-1,2-Dichloroethene	0.62	1,700
TCE	Trichloroethene	0.036	19
VC	Vinyl chloride	0.014	17

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1412 13th Street, Tell City, Indiana

AOC-2 SOIL DATA

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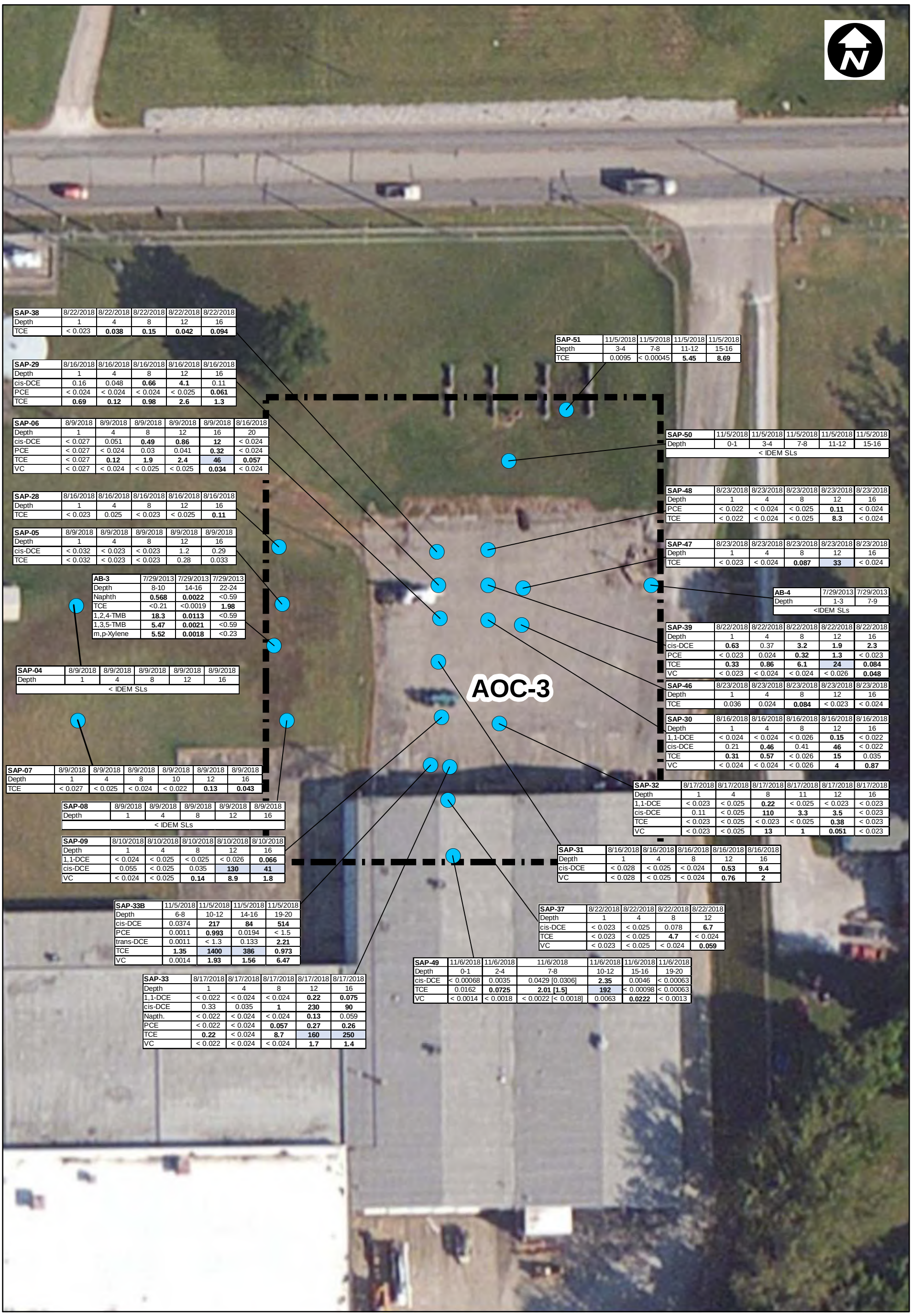
FIGURE
17

City: C:\TRIX Author: MNesta Path: Z:\GISProjects_ENV\GE\GE_Tell_City_IN\MXD\Report_Figs_01212019\2019-03-27\Figure17_AOC-2 Soil Data.mxd



SAP-38	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
Depth	1	4	8	12	16
TCE	< 0.023	**0.038**	**0.15**	**0.042**	**0.094**

SAP-29	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018
Depth	1	4	8	12	16
cis-DCE	0.16	0.048	**0.66**	**4.1**	0.11
PCE	< 0.024	< 0.024	< 0.024	< 0.025	**0.061**
TCE	**0.69**	**0.12**	**0.98**	**2.6**	**1.3**

SAP-06	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/16/2018
Depth	1	4	8	12	16	20
cis-DCE	< 0.027	0.051	**0.49**	**0.86**	**12**	< 0.024
PCE	< 0.027	< 0.024	0.03	0.041	**0.32**	< 0.024
TCE	< 0.027	**0.12**	**1.9**	**2.4**	**46**	**0.057**
VC	< 0.027	< 0.024	< 0.025	< 0.025	**0.034**	< 0.024

SAP-28	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018
Depth	1	4	8	12	16
TCE	< 0.023	0.025	< 0.023	< 0.025	**0.11**

SAP-05	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	12	16
cis-DCE	< 0.032	< 0.023	< 0.023	1.2	0.29
TCE	< 0.032	< 0.023	< 0.023	0.28	0.033

AB-3	7/29/2013	7/29/2013	7/29/2013
Depth	8-10	14-16	22-24
Naphth	**0.568**	**0.0022**	<0.59
TCE	<0.21	<0.0019	**1.98**
1,2,4-TMB	**18.3**	**0.0113**	<0.59
1,3,5-TMB	**5.47**	**0.0021**	<0.59
m,p-Xylene	**5.52**	**0.0018**	<0.23

SAP-04	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	12	16
< IDEM SLs					

SAP-07	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	10	12	16
TCE	< 0.027	< 0.025	< 0.024	< 0.022	**0.13**	**0.043**

SAP-08	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	12	16
< IDEM SLs					

SAP-09	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018
Depth	1	4	8	12	16
1,1-DCE	< 0.024	< 0.025	< 0.025	< 0.026	**0.066**
cis-DCE	0.055	< 0.025	0.035	**130**	**41**
VC	< 0.024	< 0.025	**0.14**	**8.9**	**1.8**

SAP-33B	11/5/2018	11/5/2018	11/5/2018	11/5/2018
Depth	6-8	10-12	14-16	19-20
cis-DCE	0.0374	**217**	**84**	**514**
PCE	0.0011	**0.993**	0.0194	< 1.5
trans-DCE	0.0011	< 1.3	0.133	**2.21**
TCE	**1.35**	**1400**	**386**	**0.973**
VC	0.0014	**1.93**	**1.56**	**6.47**

SAP-33	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018
Depth	1	4	8	12	16
1,1-DCE	< 0.022	< 0.024	< 0.024	**0.22**	**0.075**
cis-DCE	0.33	0.035	**1**	**230**	**90**
Napth.	< 0.022	< 0.024	< 0.024	**0.13**	0.059
PCE	< 0.022	< 0.024	**0.057**	**0.27**	**0.26**
TCE	**0.22**	< 0.024	**8.7**	**160**	**250**
VC	< 0.022	< 0.024	< 0.024	**1.7**	**1.4**

SAP-51	11/5/2018	11/5/2018	11/5/2018	11/5/2018
Depth	3-4	7-8	11-12	15-16
TCE	0.0095	< 0.00045	**5.45**	**8.69**

SAP-50	11/5/2018	11/5/2018	11/5/2018	11/5/2018	11/5/2018
Depth	0-1	3-4	7-8	11-12	15-16
< IDEM SLs					

SAP-48	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018
Depth	1	4	8	12	16
PCE	< 0.022	< 0.024	< 0.025	**0.11**	< 0.024
TCE	< 0.022	< 0.024	< 0.025	**8.3**	< 0.024

SAP-47	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018
Depth	1	4	8	12	16
TCE	< 0.023	< 0.024	**0.087**	**33**	< 0.024

AB-4	7/29/2013	7/29/2013
Depth	1-3	7-9
<IDEM SLs		

SAP-39	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
Depth	1	4	8	12	16
cis-DCE	**0.63**	0.37	**3.2**	**1.9**	**2.3**
PCE	< 0.023	0.024	**0.32**	**1.3**	< 0.023
TCE	**0.33**	**0.86**	**6.1**	**24**	**0.084**
VC	< 0.023	< 0.024	< 0.024	< 0.026	**0.048**

SAP-46	8/23/2018	8/23/2018	8/23/2018	8/23/2018	8/23/2018
Depth	1	4	8	12	16
TCE	0.036	0.024	**0.084**	< 0.023	< 0.024

SAP-30	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018
Depth	1	4	8	12	16
1,1-DCE	< 0.024	< 0.024	< 0.026	**0.15**	< 0.022
cis-DCE	0.21	**0.46**	0.41	**46**	< 0.022
TCE	**0.31**	**0.57**	< 0.026	**15**	0.035
VC	< 0.024	< 0.024	< 0.026	**4**	**0.87**

SAP-32	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018	8/17/2018
Depth	1	4	8	11	12	16
1,1-DCE	< 0.023	< 0.025	**0.22**	< 0.025	< 0.023	< 0.023
cis-DCE	0.11	< 0.025	**110**	**3.3**	**3.5**	< 0.023
TCE	< 0.023	< 0.025	< 0.023	< 0.025	**0.38**	< 0.023
VC	< 0.023	< 0.025	**13**	**1**	**0.051**	< 0.023

SAP-31	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018
Depth	1	4	8	12	16
cis-DCE	< 0.028	< 0.025	< 0.024	**0.53**	**9.4**
VC	< 0.028	< 0.025	< 0.024	**0.76**	**2**

SAP-37	8/22/2018	8/22/2018	8/22/2018	8/22/2018
Depth	1	4	8	12
cis-DCE	< 0.023	< 0.025	0.078	**6.7**
TCE	< 0.023	< 0.025	**4.7**	< 0.024
VC	< 0.023	< 0.025	< 0.024	**0.059**

SAP-49	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018
Depth	0-1	2-4	7-8	10-12	15-16	19-20
cis-DCE	< 0.00068	0.0035	0.0429 [0.0306]	**2.35**	0.0046	< 0.00063
TCE	0.0162	**0.0725**	**2.01 [1.5]**	**192**	< 0.00098	< 0.00063
VC	< 0.0014	< 0.0018	< 0.0022 [< 0.0018]	0.0063	**0.0222**	< 0.0013

Legend

Area Of Concern (AOC)

Soil Boring

Notes:

1. Analytes exceeding IDEM soil screening levels in AOC-3 are provided in the above data boxes
2. Results in milligrams per kilogram (mg/kg)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. MTG = Migration to Groundwater
5. **Bold** font indicates concentration above the migration to groundwater screening level
6. Shaded cell indicates concentration above the industrial direct contact screening level

0 50 100
Feet

Analyte		MTG	Industrial Direct Contact
1,1-DCE	1,1-Dichloroethene	0.05	1,000
cis-DCE	cis-1,2-Dichloroethene	0.41	2,300
Naphth.	Naphthalene	0.11	170
PCE	Tetrachloroethene	0.045	170
trans-DCE	trans-1,2-Dichloroethene	0.62	1,700
TCE	Trichloroethene	0.036	19
VC	Vinyl chloride	0.014	17
1,2,4-TMB	1,2,4-Trimethylbenzene	0.44	220
1,3,5-TMB	1,3,5-Trimethylbenzene	3.4	180
m,p-Xylene	m,p-Xylene	3.7	390

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AOC-3 SOIL DATA

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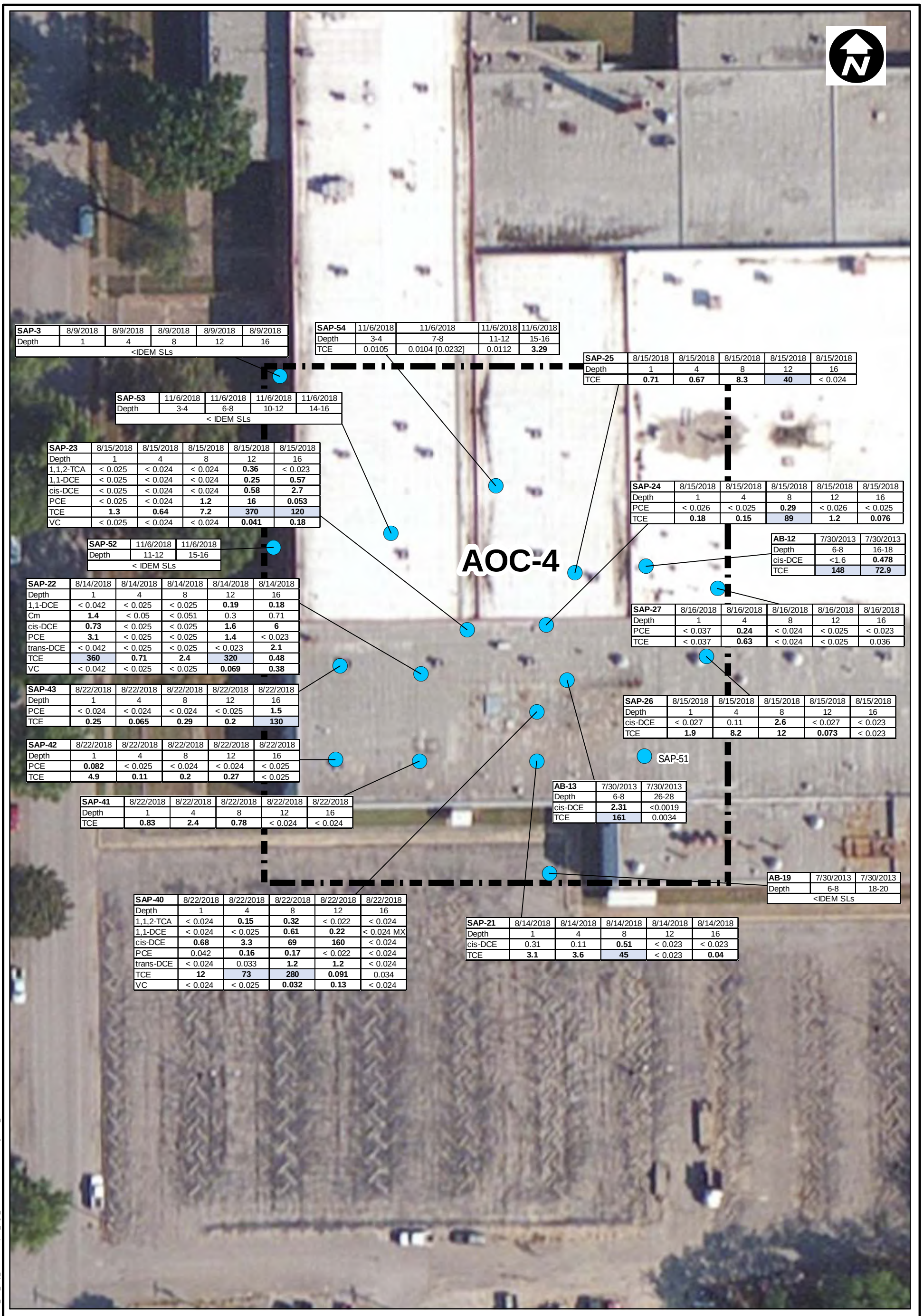
FIGURE
18

City: CITRIX Author: MNesta Path: Z:\GIS\Projects_ENV\GE\GE_Tell_City_IN\MXD\Report_Figs_01212019\2019-03-27\Figure18_AOC-3 Soil Data.mxd



SAP-3	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	1	4	8	12	16
<IDEM SLs					

SAP-54	11/6/2018	11/6/2018	11/6/2018	11/6/2018
Depth	3-4	7-8	11-12	15-16
TCE	0.0105	0.0104 [0.0232]	0.0112	**3.29**

SAP-25	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018
Depth	1	4	8	12	16
TCE	**0.71**	**0.67**	**8.3**	**40**	< 0.024

SAP-53	11/6/2018	11/6/2018	11/6/2018	11/6/2018
Depth	3-4	6-8	10-12	14-16
< IDEM SLs				

SAP-23	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018
Depth	1	4	8	12	16
1,1,2-TCA	< 0.025	< 0.024	< 0.024	**0.36**	< 0.023
1,1-DCE	< 0.025	< 0.024	< 0.024	**0.25**	**0.57**
cis-DCE	< 0.025	< 0.024	< 0.024	**0.58**	**2.7**
PCE	< 0.025	< 0.024	**1.2**	**16**	**0.053**
TCE	**1.3**	**0.64**	**7.2**	**370**	**120**
VC	< 0.025	< 0.024	< 0.024	**0.041**	**0.18**

SAP-24	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018
Depth	1	4	8	12	16
PCE	< 0.026	< 0.025	**0.29**	< 0.026	< 0.025
TCE	**0.18**	**0.15**	**89**	**1.2**	**0.076**

AB-12	7/30/2013	7/30/2013
Depth	6-8	16-18
cis-DCE	<1.6	**0.478**
TCE	**148**	**72.9**

SAP-52	11/6/2018	11/6/2018
Depth	11-12	15-16
< IDEM SLs		

SAP-22	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018
Depth	1	4	8	12	16
1,1-DCE	< 0.042	< 0.025	< 0.025	**0.19**	**0.18**
Cm	**1.4**	< 0.05	< 0.051	0.3	0.71
cis-DCE	**0.73**	< 0.025	< 0.025	**1.6**	**6**
PCE	**3.1**	< 0.025	< 0.025	**1.4**	< 0.023
trans-DCE	< 0.042	< 0.025	< 0.025	< 0.023	**2.1**
TCE	**360**	**0.71**	**2.4**	**320**	**0.48**
VC	< 0.042	< 0.025	< 0.025	**0.069**	**0.38**

SAP-27	8/16/2018	8/16/2018	8/16/2018	8/16/2018	8/16/2018
Depth	1	4	8	12	16
PCE	< 0.037	**0.24**	< 0.024	< 0.025	< 0.023
TCE	< 0.037	**0.63**	< 0.024	< 0.025	0.036

SAP-43	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
Depth	1	4	8	12	16
PCE	< 0.024	< 0.024	< 0.024	< 0.025	**1.5**
TCE	**0.25**	**0.065**	**0.29**	**0.2**	**130**

SAP-26	8/15/2018	8/15/2018	8/15/2018	8/15/2018	8/15/2018
Depth	1	4	8	12	16
cis-DCE	< 0.027	0.11	**2.6**	< 0.027	< 0.023
TCE	**1.9**	**8.2**	**12**	**0.073**	< 0.023

SAP-42	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
Depth	1	4	8	12	16
PCE	**0.082**	< 0.025	< 0.024	< 0.024	< 0.025
TCE	**4.9**	**0.11**	**0.2**	**0.27**	< 0.025

AB-13	7/30/2013	7/30/2013
Depth	6-8	26-28
cis-DCE	**2.31**	<0.0019
TCE	**161**	0.0034

SAP-41	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
Depth	1	4	8	12	16
TCE	**0.83**	**2.4**	**0.78**	< 0.024	< 0.024

AB-19	7/30/2013	7/30/2013
Depth	6-8	18-20
<IDEM SLs		

SAP-40	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018
Depth	1	4	8	12	16
1,1,2-TCA	< 0.024	**0.15**	**0.32**	< 0.022	< 0.024
1,1-DCE	< 0.024	< 0.025	**0.61**	**0.22**	< 0.024 MX
cis-DCE	**0.68**	**3.3**	**69**	**160**	< 0.024
PCE	0.042	**0.16**	**0.17**	< 0.022	< 0.024
trans-DCE	< 0.024	0.033	**1.2**	**1.2**	< 0.024
TCE	**12**	**73**	**280**	**0.091**	0.034
VC	< 0.024	< 0.025	**0.032**	**0.13**	< 0.024

SAP-21	8/14/2018	8/14/2018	8/14/2018	8/14/2018	8/14/2018
Depth	1	4	8	12	16
cis-DCE	0.31	0.11	**0.51**	< 0.023	< 0.023
TCE	**3.1**	**3.6**	**45**	< 0.023	**0.04**

Legend

Area Of Concern (AOC)

Soil Boring

Notes:

1. Analytes exceeding IDEM soil screening levels in AOC-4 are provided in the above data boxes
2. Results in milligrams per kilogram (mg/kg)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. MTG = Migration to Groundwater
5. **Bold** font indicates concentration above the migration to groundwater screening level
6. Shaded cell indicates concentration above the industrial direct contact screening level

0 50 100
Feet

Analyte		MTG	Industrial Direct Contact
1,1,2-TCA	1,1,2-Trichloroethane	0.032	6.3
1,1-DCE	1,1-Dichloroethene	0.05	1,000
Cm	Chloromethane	0.98	460
cis-DCE	cis-1,2-Dichloroethene	0.41	2,300
PCE	Tetrachloroethene	0.045	170
trans-DCE	trans-1,2-Dichloroethene	0.62	1,700
TCE	Trichloroethene	0.036	19
VC	Vinyl chloride	0.014	17

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AOC-4 SOIL DATA

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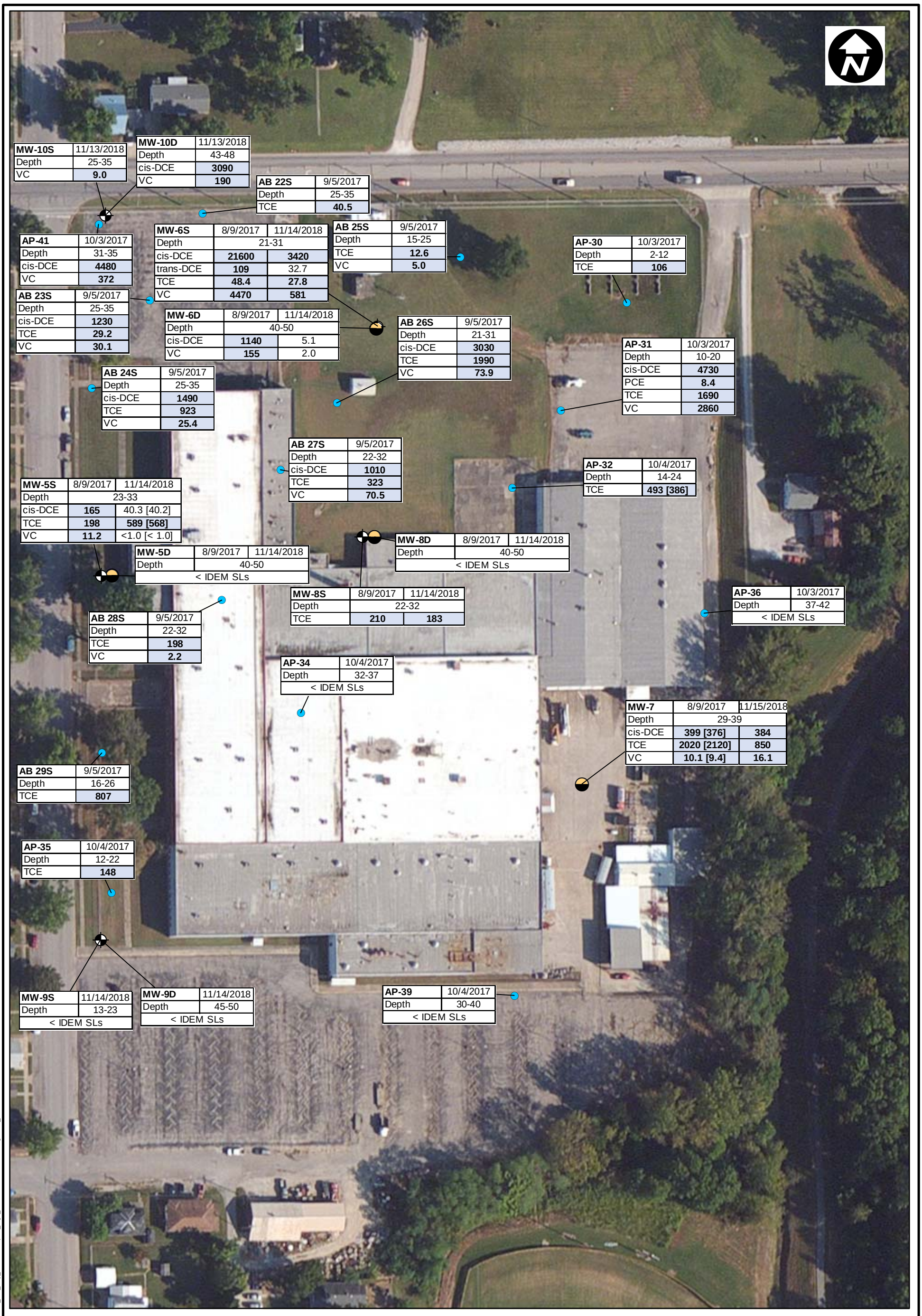
FIGURE
19

City: CITRIX Author: MNesta Path: Z:\GISProjects_ENV\GE\GE_Tell_City_IN\MXD\Report_Figs_01212019\2019-03-27\Figure19_AOC-4 Soil Data.mxd



Legend

- Soil Boring
- Shallow Monitoring Well
- Deep Monitoring Well

0 100 200
Feet

Notes:

1. Analytes exceeding IDEM tap water screening levels for the Site are provided in the above data boxes
2. Results in micrograms per liter (ug/l)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. **Bold** Font Indicates SL Exceedance

Analyte		Tap Water Screening Level
cis-DCE	cis-1,2-Dichloroethene	**70**
PCE	Tetrachloroethene	**5**
trans-DCE	trans-1,2-Dichloroethene	**100**
TCE	Trichloroethene	**5**
VC	Vinyl chloride	**2**

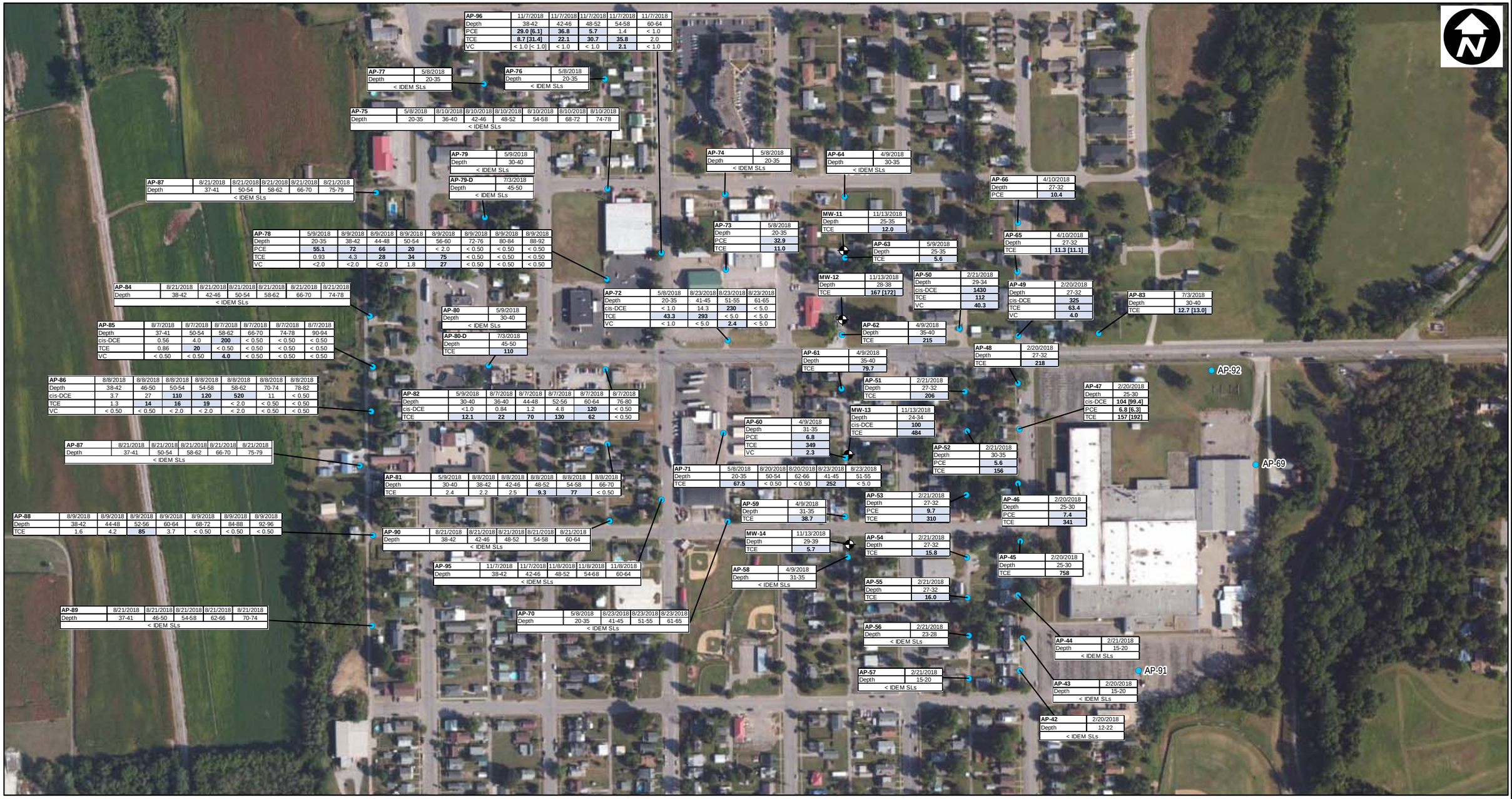
General Electric
Tell City Facility
1412 13th Street, Tell City, Indiana

SITE-WIDE GROUNDWATER DATA

ARCADIS

FIGURE
20

City: CITRIX Author: MNesta Path: Z:\GISProjects_ENVIGE\GE_Tell_City_IN\MXD\Report_Figs_01212019\2019-03-06\Figure20_Site-Wide Groundwater Data.mxd



AP-96	11/7/2018	11/7/2018	11/7/2018	11/7/2018	11/7/2018
Depth	38-42	42-46	48-52	54-58	60-64
PCE	**29.0 [6.1]**	**36.8**	**5.7**	1.4	< 1.0
TCE	**8.7 [31.4]**	**22.1**	**30.7**	**35.8**	2.0
VC	< 1.0 [< 1.0]	< 1.0	< 1.0	**2.1**	< 1.0

AP-77	5/8/2018
Depth	20-35
< IDEM SLs	

AP-76	5/8/2018
Depth	20-35
< IDEM SLs	

AP-75	5/8/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018	8/10/2018
Depth	20-35	36-40	42-46	48-52	54-58	68-72	74-78
< IDEM SLs							

AP-79	5/9/2018
Depth	30-40
< IDEM SLs	

AP-79-D	7/3/2018
Depth	45-50
< IDEM SLs	

AP-87	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018
Depth	37-41	50-54	58-62	66-70	75-79
< IDEM SLs					

AP-74	5/8/2018
Depth	20-35
< IDEM SLs	

AP-64	4/9/2018
Depth	30-35
< IDEM SLs	

AP-66	4/10/2018
Depth	27-32
PCE	**10.4**

MW-11	11/13/2018
Depth	25-35
TCE	**12.0**

AP-78	5/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	20-35	38-42	44-48	50-54	56-60	72-76	80-84	88-92
PCE	**55.1**	**72**	**66**	**20**	< 2.0	< 0.50	< 0.50	< 0.50
TCE	0.93	4.3	**28**	**34**	**75**	< 0.50	< 0.50	< 0.50
VC	<2.0	<2.0	<2.0	1.8	**27**	< 0.50	< 0.50	< 0.50

AP-73	5/8/2018
Depth	20-35
PCE	**32.9**
TCE	**11.0**

AP-63	5/9/2018
Depth	25-35
TCE	**5.6**

AP-65	4/10/2018
Depth	27-32
TCE	**11.3 [11.1]**

AP-84	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018
Depth	38-42	42-46	50-54	58-62	66-70	74-78
< IDEM SLs						

AP-72	5/8/2018	8/23/2018	8/23/2018	8/23/2018
Depth	20-35	41-45	51-55	61-65
cis-DCE	< 1.0	14.3	**230**	< 5.0
TCE	**43.3**	**293**	< 5.0	< 5.0
VC	< 1.0	< 5.0	**2.4**	< 5.0

MW-12	11/13/2018
Depth	28-38
TCE	**167 [172]**

AP-50	2/21/2018
Depth	29-34
cis-DCE	**1430**
TCE	**112**
VC	**40.3**

AP-49	2/20/2018
Depth	27-32
cis-DCE	**325**
TCE	**63.4**
VC	**4.0**

AP-83	7/3/2018
Depth	30-40
TCE	**12.7 [13.0]**

AP-80	5/9/2018
Depth	30-40
< IDEM SLs	

AP-80-D	7/3/2018
Depth	45-50
TCE	**110**

AP-85	8/7/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018
Depth	37-41	50-54	58-62	66-70	74-78	90-94
cis-DCE	0.56	4.0	**200**	< 0.50	< 0.50	< 0.50
TCE	0.86	**20**	< 0.50	< 0.50	< 0.50	< 0.50
VC	< 0.50	< 0.50	**4.0**	< 0.50	< 0.50	< 0.50

AP-62	4/9/2018
Depth	35-40
TCE	**215**

AP-61	4/9/2018
Depth	35-40
TCE	**79.7**

AP-48	2/20/2018
Depth	27-32
TCE	**218**

AP-51	2/21/2018
Depth	27-32
TCE	**206**

AP-47	2/20/2018
Depth	25-30
cis-DCE	**104 [99.4]**
PCE	**6.8 [6.3]**
TCE	**157 [192]**

AP-86	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018
Depth	38-42	46-50	50-54	54-58	58-62	70-74	78-82
cis-DCE	3.7	27	**110**	**120**	**520**	11	< 0.50
TCE	1.3	**14**	**16**	**19**	< 2.0	< 0.50	< 0.50
VC	< 0.50	< 0.50	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50

AP-82	5/9/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018	8/7/2018
Depth	30-40	36-40	44-48	52-56	60-64	76-80
cis-DCE	< 1.0	0.84	1.2	4.8	**120**	< 0.50
TCE	**12.1**	**22**	**70**	**130**	**62**	< 0.50

AP-60	4/9/2018
Depth	31-35
PCE	**6.8**
TCE	**349**
VC	**2.3**

MW-13	11/13/2018
Depth	24-34
cis-DCE	**100**
TCE	**484**

AP-52	2/21/2018
Depth	30-35
PCE	**5.6**
TCE	**156**

AP-87	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018
Depth	37-41	50-54	58-62	66-70	75-79
< IDEM SLs					

AP-71	5/8/2018	8/20/2018	8/20/2018	8/23/2018	8/23/2018
Depth	20-35	50-54	62-66	41-45	51-55
TCE	**67.5**	< 0.50	< 0.50	**252**	< 5.0

AP-81	5/9/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018	8/8/2018
Depth	30-40	38-42	42-46	48-52	54-58	66-70
TCE	2.4	2.2	2.5	**9.3**	**77**	< 0.50

AP-53	2/21/2018
Depth	27-32
PCE	**9.7**
TCE	**310**

AP-46	2/20/2018
Depth	25-30
PCE	**7.4**
TCE	**341**

AP-59	4/9/2018
Depth	31-35
TCE	**38.7**

AP-88	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018
Depth	38-42	44-48	52-56	60-64	68-72	84-88	92-96
TCE	1.6	4.2	**85**	3.7	< 0.50	< 0.50	< 0.50

AP-90	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018
Depth	38-42	42-46	48-52	54-58	60-64
< IDEM SLs					

MW-14	11/13/2018
Depth	29-39
TCE	**5.7**

AP-54	2/21/2018
Depth	27-32
TCE	**15.8**

AP-45	2/20/2018
Depth	25-30
TCE	**758**

AP-95	11/7/2018	11/7/2018	11/8/2018	11/8/2018	11/8/2018
Depth	38-42	42-46	48-52	54-68	60-64
< IDEM SLs					

AP-58	4/9/2018
Depth	31-35
< IDEM SLs	

AP-55	2/21/2018
Depth	27-32
TCE	**16.0**

AP-89	8/21/2018	8/21/2018	8/21/2018	8/21/2018	8/21/2018
Depth	37-41	46-50	54-58	62-66	70-74
< IDEM SLs					

AP-70	5/8/2018	8/23/2018	8/23/2018	8/23/2018
Depth	20-35	41-45	51-55	61-65
< IDEM SLs				

AP-56	2/21/2018
Depth	23-28
< IDEM SLs	

AP-44	2/21/2018
Depth	15-20
< IDEM SLs	

AP-57	2/21/2018
Depth	15-20
< IDEM SLs	

AP-43	2/20/2018
Depth	15-20
< IDEM SLs	

AP-42	2/20/2018
Depth	12-22
< IDEM SLs	

Legend

- Soil Boring
- Monitoring Well

0 300 600
Feet

Analyte		Tap Water Screening Level
cis-DCE	cis-1,2-Dichloroethene	**70**
PCE	Tetrachloroethene	**5**
TCE	Trichloroethene	**5**
VC	Vinyl chloride	**2**

Notes:

1. Analytes exceeding IDEM tap water screening levels for the off-site area are provided in the above data boxes
2. Results in micrograms per liter (ug/l)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. **Bold** Font Indicates SL Exceedance

General Electric
Tell City Facility
1412 13th Street, Tell City, Indiana

OFF-SITE GROUNDWATER DATA

ARCADIS

FIGURE
21

City: CITRIX Author: MNiesta Path: Z:\GISProjects_ENV\GE\GE_Tell_City_IN\MXD\Report_Figs_01212019\2019-03-06\Figure21_Off-Site Groundwater Data.mxd

0 500' 1,000'

GRAPHIC SCALE

GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

Groundwater Monitoring Well Network

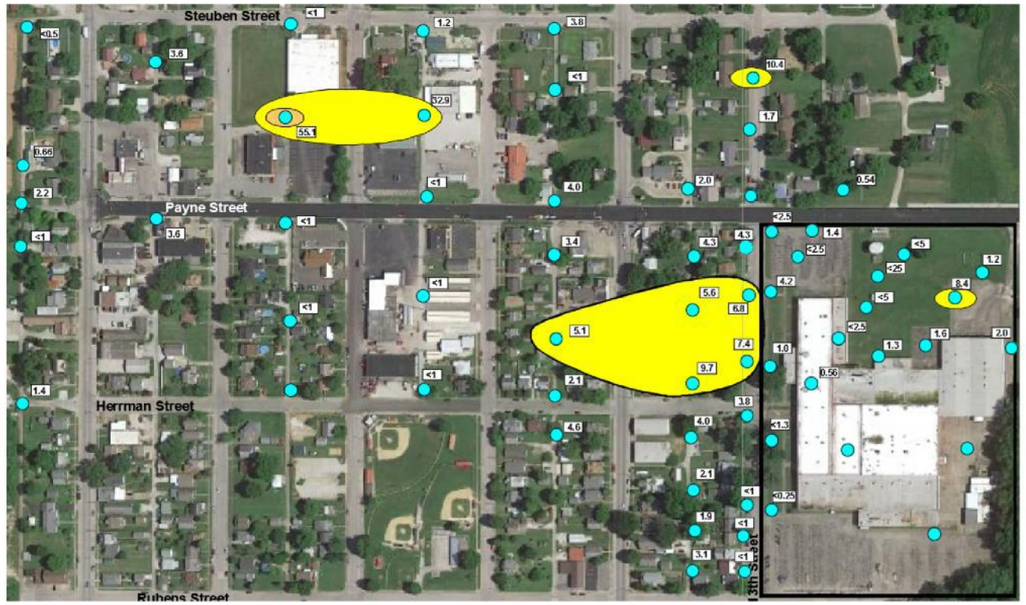
ARCADIS Design & Consultancy for natural and built assets

FIGURE
22

PCE

> 5

> 50

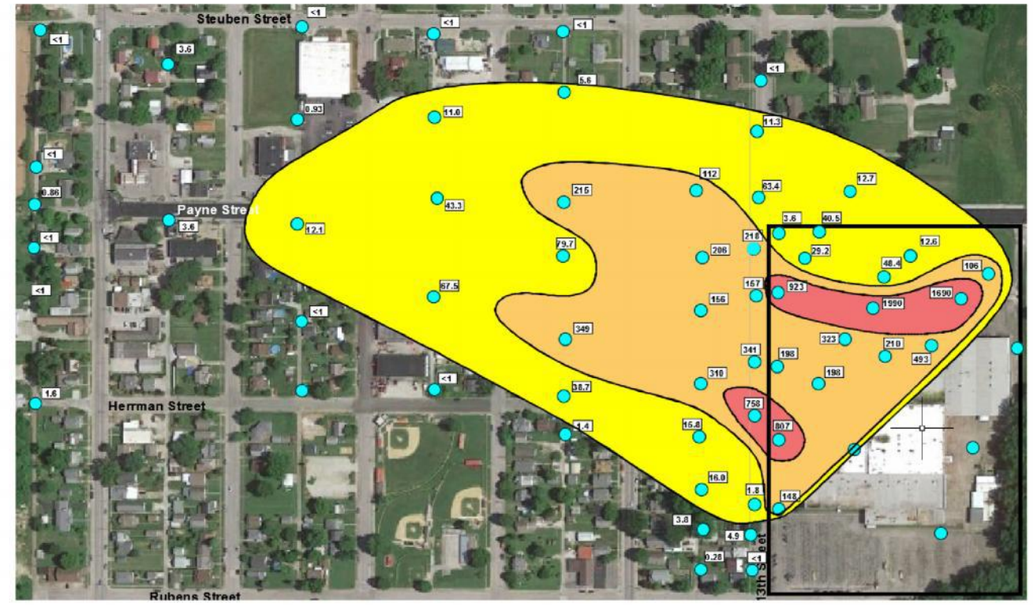


TCE

> 5

> 100

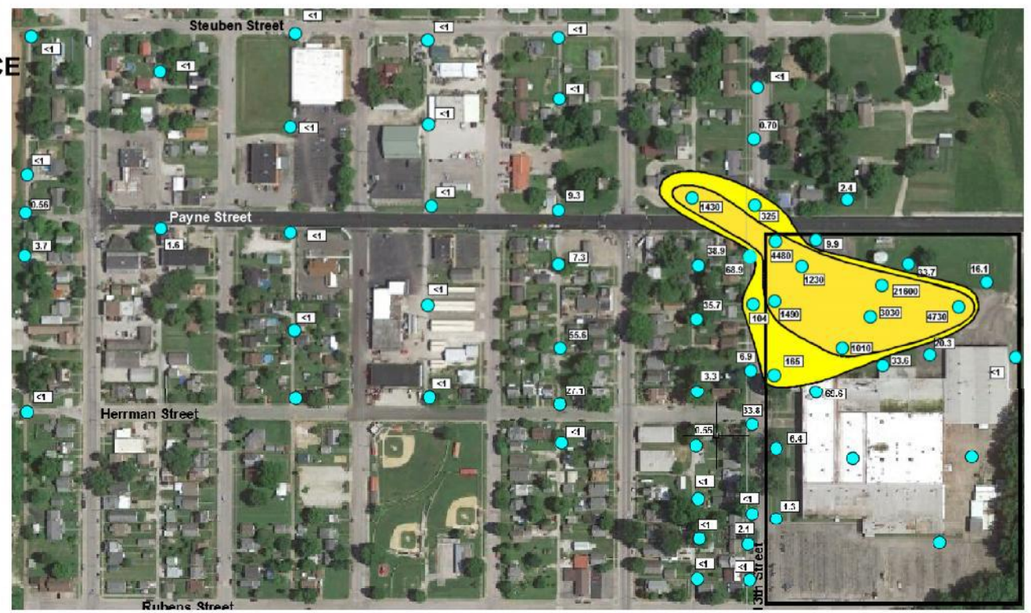
> 500



cis-1,2-DCE

> 70

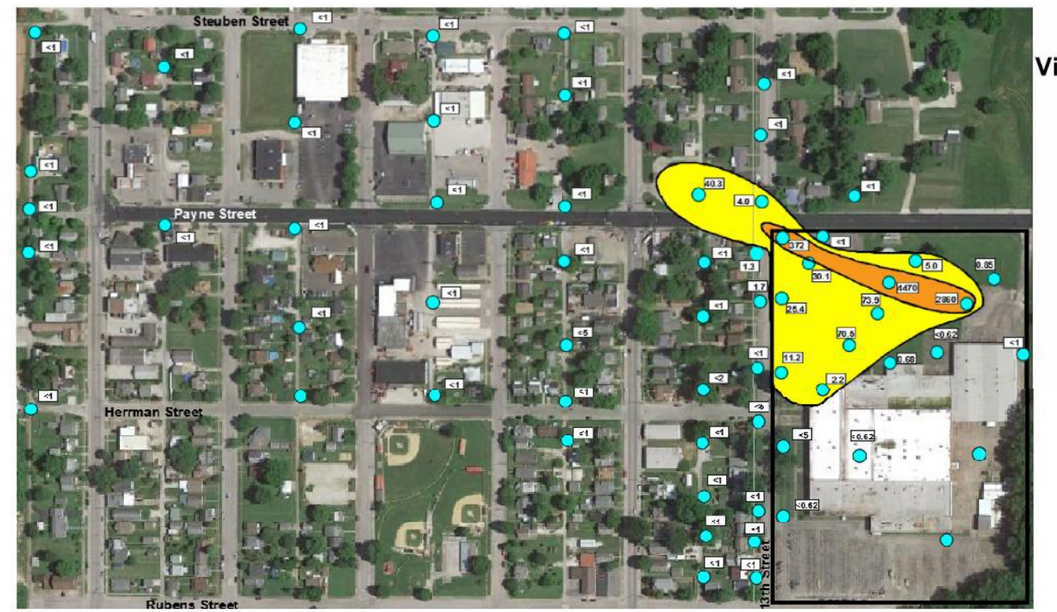
> 1,000



Vinyl Chloride

> 2

>100



Data are cumulative from the various stages of the groundwater investigation

Groundwater Sample Point

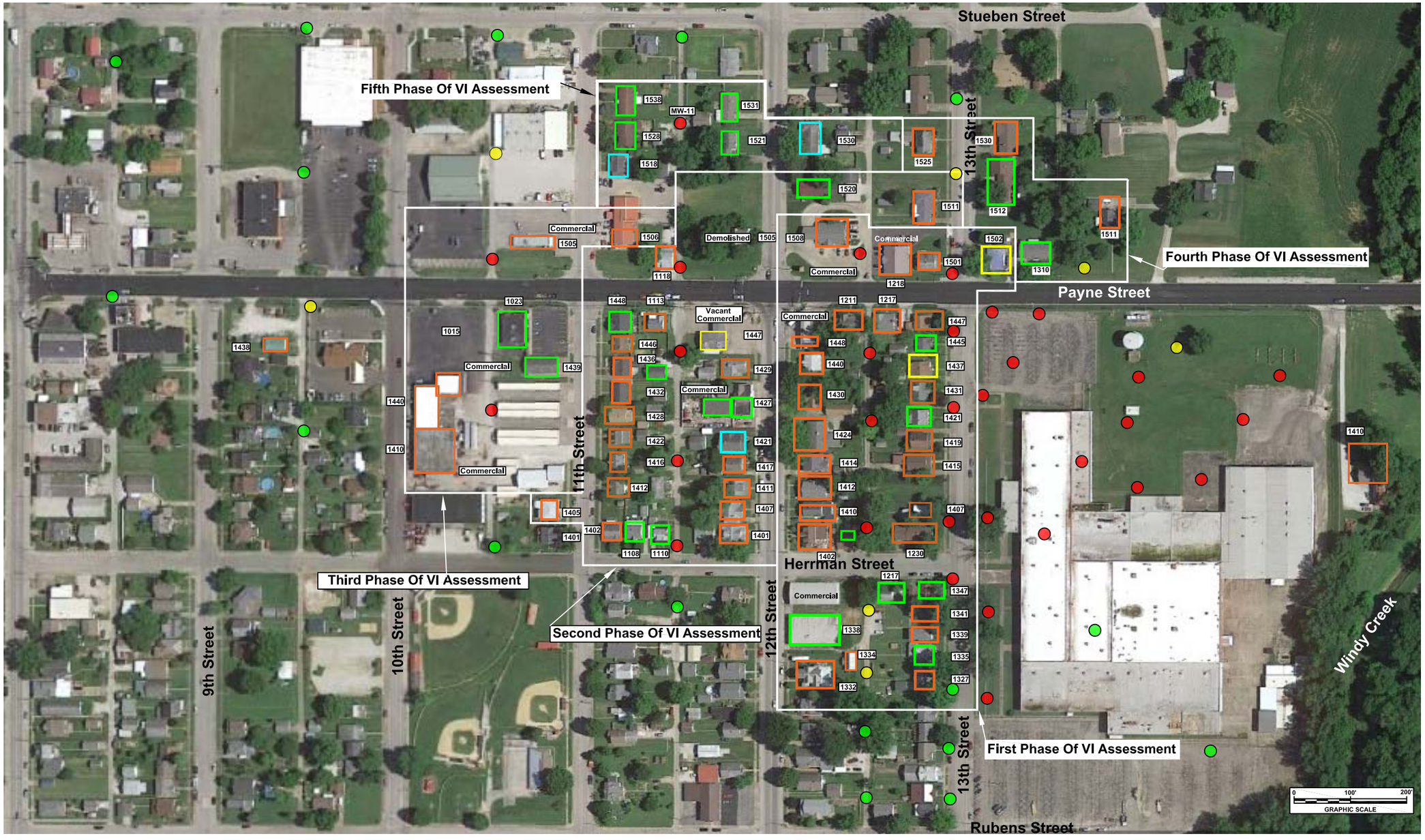
Date are in micrograms per liter (ug/l)

GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

Shallow Groundwater CVOC Isoconcentration Maps

ARCADIS Design & Consultancy for natural and built assets

FIGURE
23



Contact Made; No Schedule Yet

No Contact Made As Yet

Winter & Summer Events Complete

Sampling Event Completed

Groundwater Exceeds Commercial\ Industrial Vapor Intrusion Standard

Groundwater Exceeds Residential Vapor Intrusion Standard

No Vapor Intrusion Groundwater Exceedances

GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

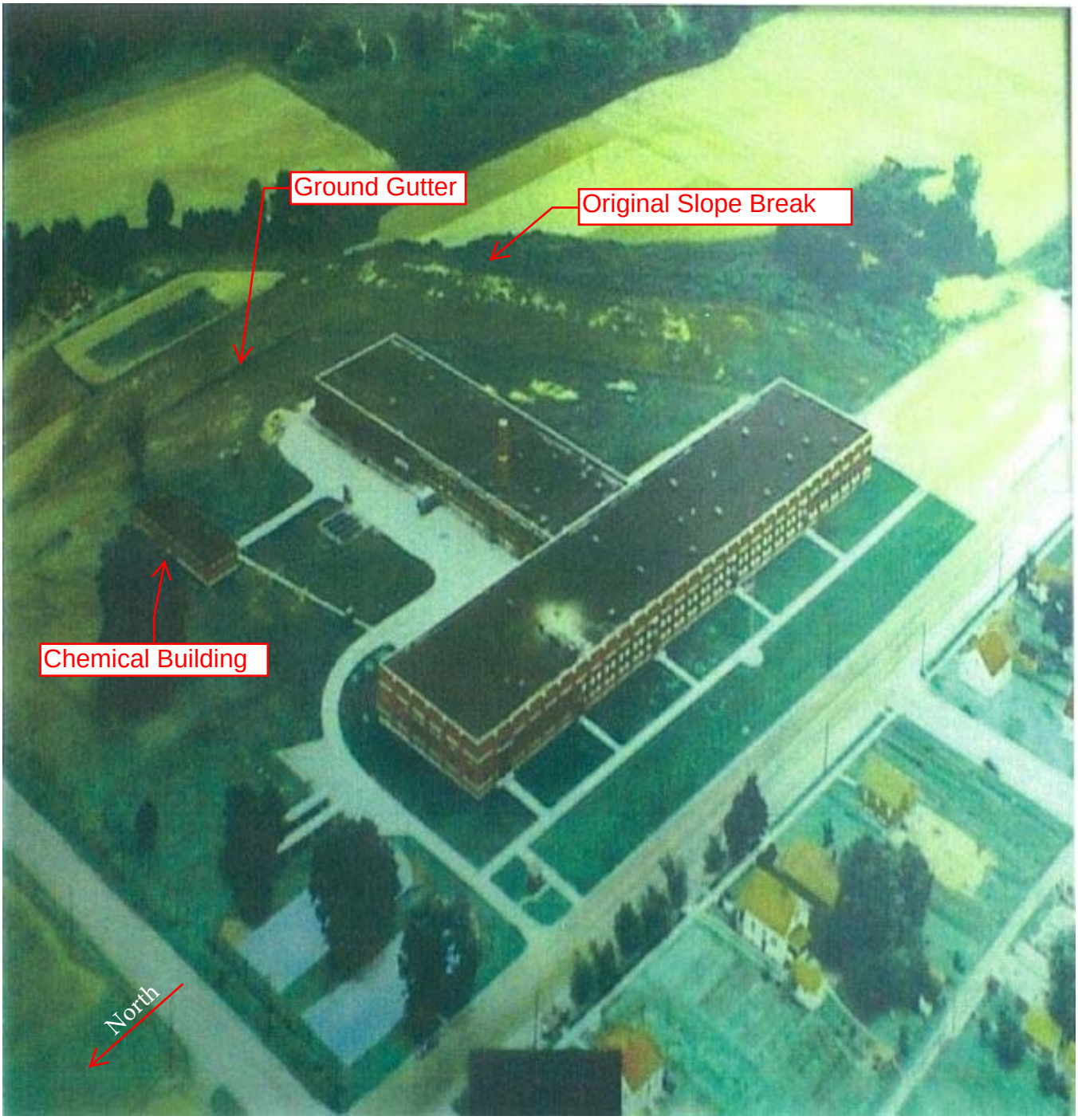
Summary of Vapor Intrusion Investigation Status

ARCADIS Design & Consultancy for natural and built assets

FIGURE
24

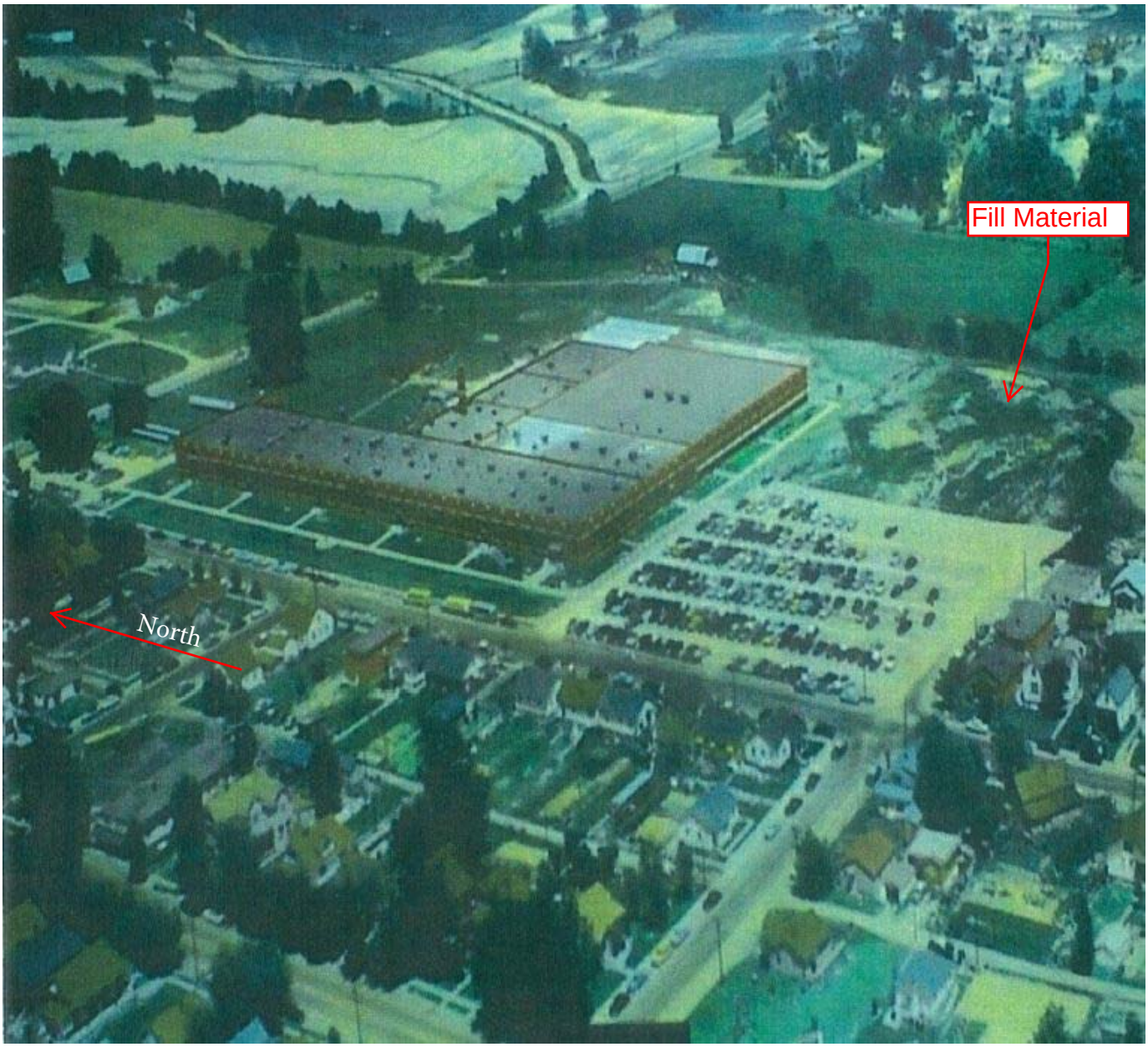
APPENDIX A

Historical Aerial Photographs and Topographic Maps



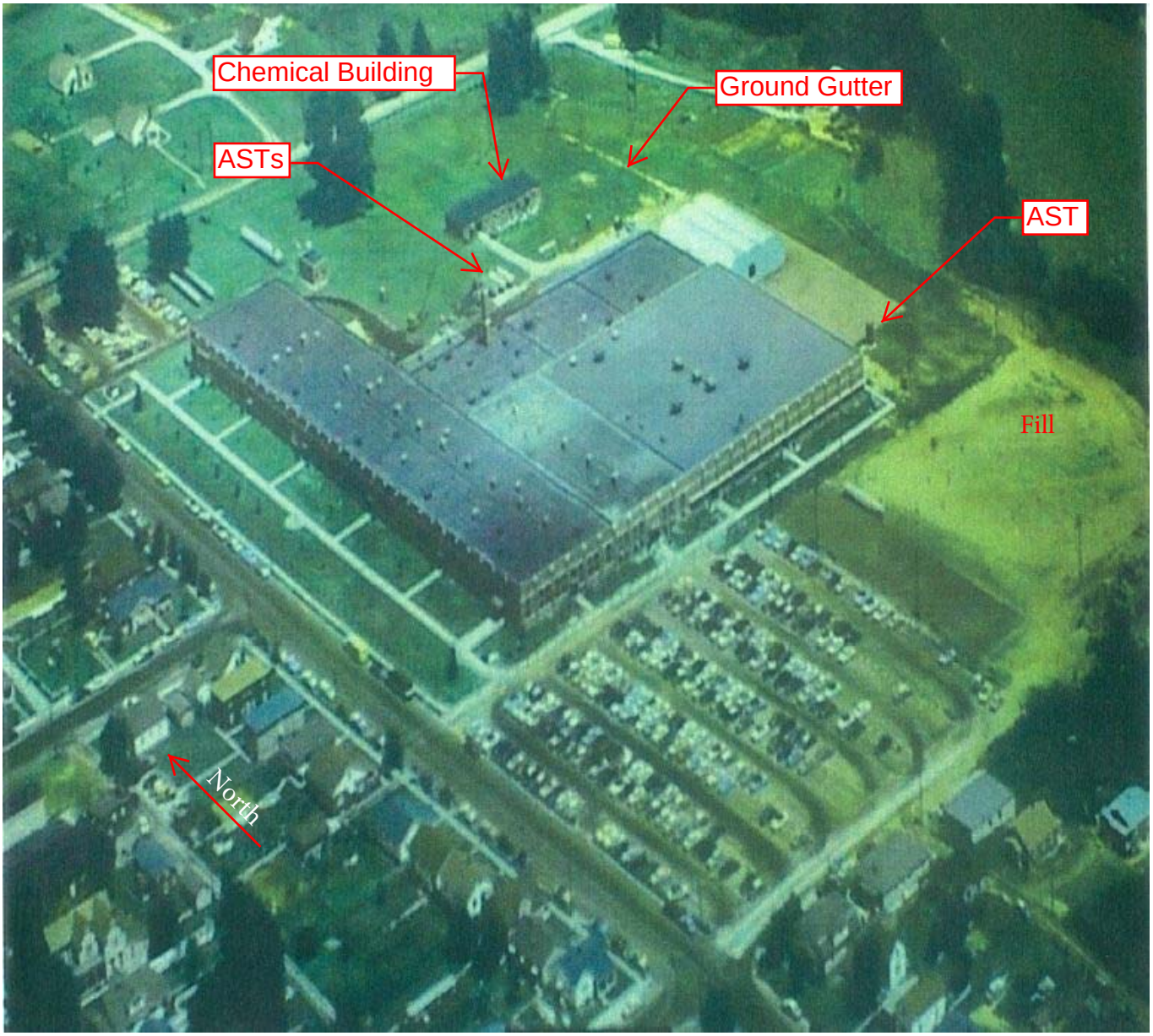
1945 Aerial Photograph – Original Building

Source: General Electric Company



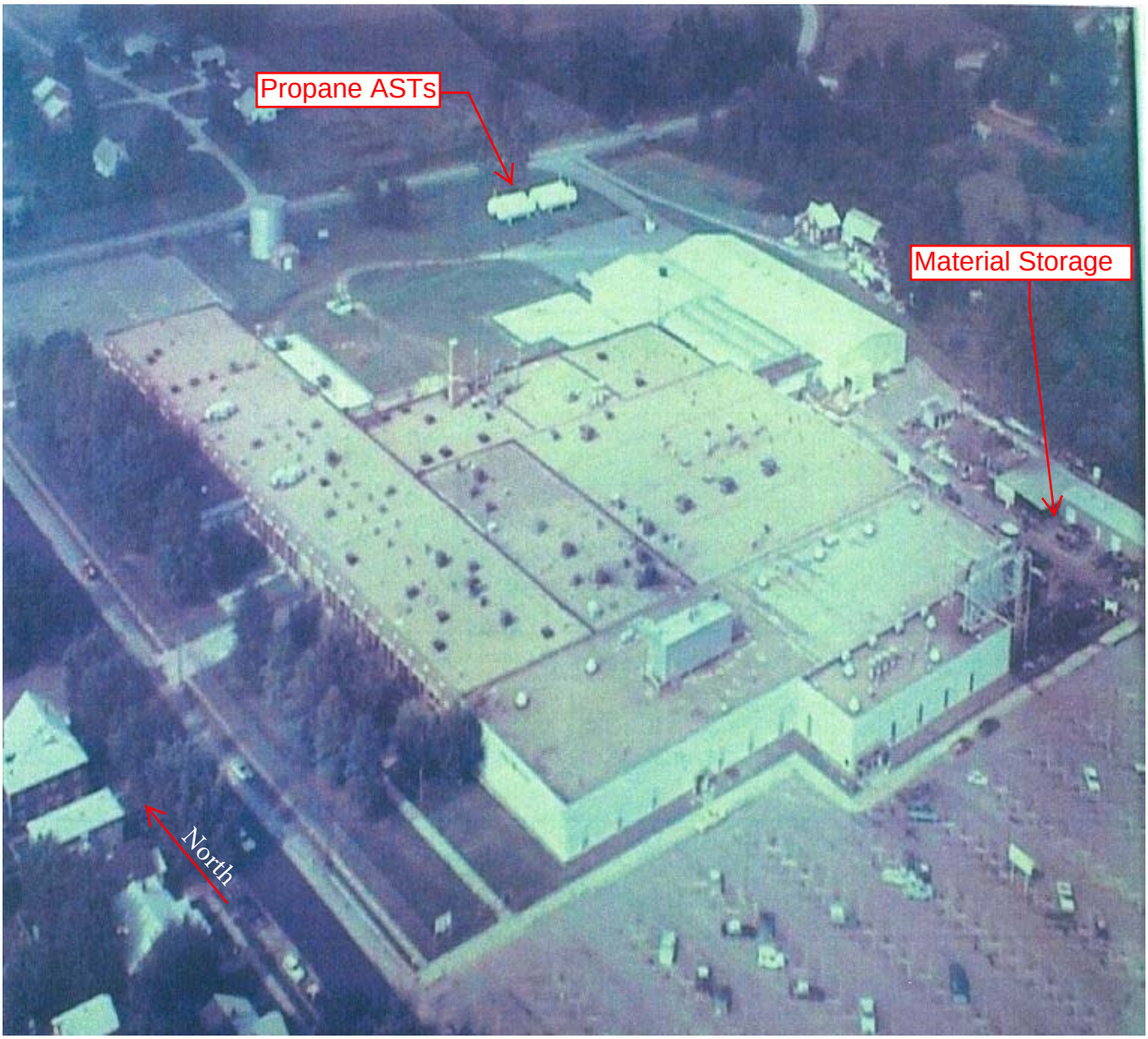
1954 Aerial Photograph

Source: General Electric Company



1958 Aerial Photograph

Source: General Electric Company



1974 Aerial Photograph

Source: General Electric Company

GE Tell City

1412 13th Street

Tell City, IN 47586

Inquiry Number: 5406157.1

August 28, 2018

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

08/28/18

Site Name:

GE Tell City
1412 13th Street
Tell City, IN 47586
EDR Inquiry # 5406157.1

Client Name:

ARCADIS U.S., Inc.
251 E. Ohio Street
Indianapolis, IN 46204
Contact: Daniel Petzold

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	***Scale***	***Details***	***Source***
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Acquisition Date: April 12, 1998	USGS/DOQQ
1997	1"=500'	Flight Date: February 28, 1997	USGS
1993	1"=750'	Flight Date: March 18, 1993	USGS
1986	1"=500'	Flight Date: March 22, 1986	USGS
1981	1"=500'	Flight Date: April 06, 1981	USDA
1978	1"=500'	Flight Date: April 12, 1978	USGS
1969	1"=500'	Flight Date: June 17, 1969	USGS
1958	1"=500'	Flight Date: April 17, 1958	USGS
1951	1"=500'	Flight Date: April 18, 1951	USGS
1949	1"=500'	Flight Date: March 29, 1949	USGS

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INQUIRY #: 5406157.1

YEAR: 2016

= 500'

N

EDR

INQUIRY #: 5406157.1

YEAR: 2012

= 500'

N

EDR

INQUIRY #: 5406157.1
YEAR: 2008
= 500'
N
EDR

INQUIRY #: 5406157.1
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 5406157.1
YEAR: 1998
= 500'
N
EDR

INQUIRY #: 5406157.1

YEAR: 1997

= 500'

N

EDR

INQUIRY #: 5406157.1

YEAR: 1993

= 750'

N

EDR

INQUIRY #: 5406157.1

YEAR: 1986

= 500'

N

EDR

INQUIRY #: 5406157.1
YEAR: 1981
= 500'
N
EDR

INQUIRY #: 5406157.1

YEAR: 1978

= 500'

N

EDR

INQUIRY #: 5406157.1

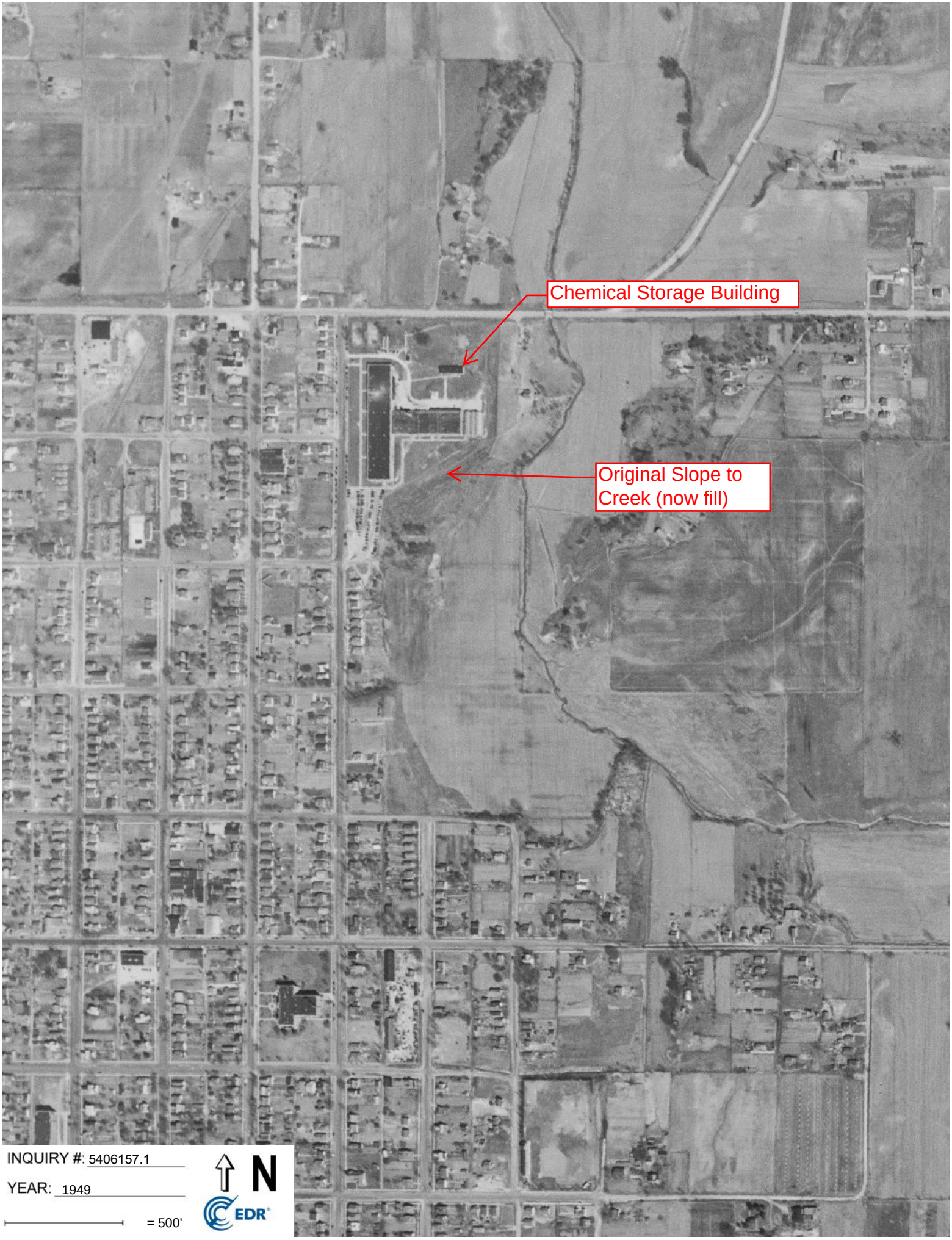
YEAR: 1958

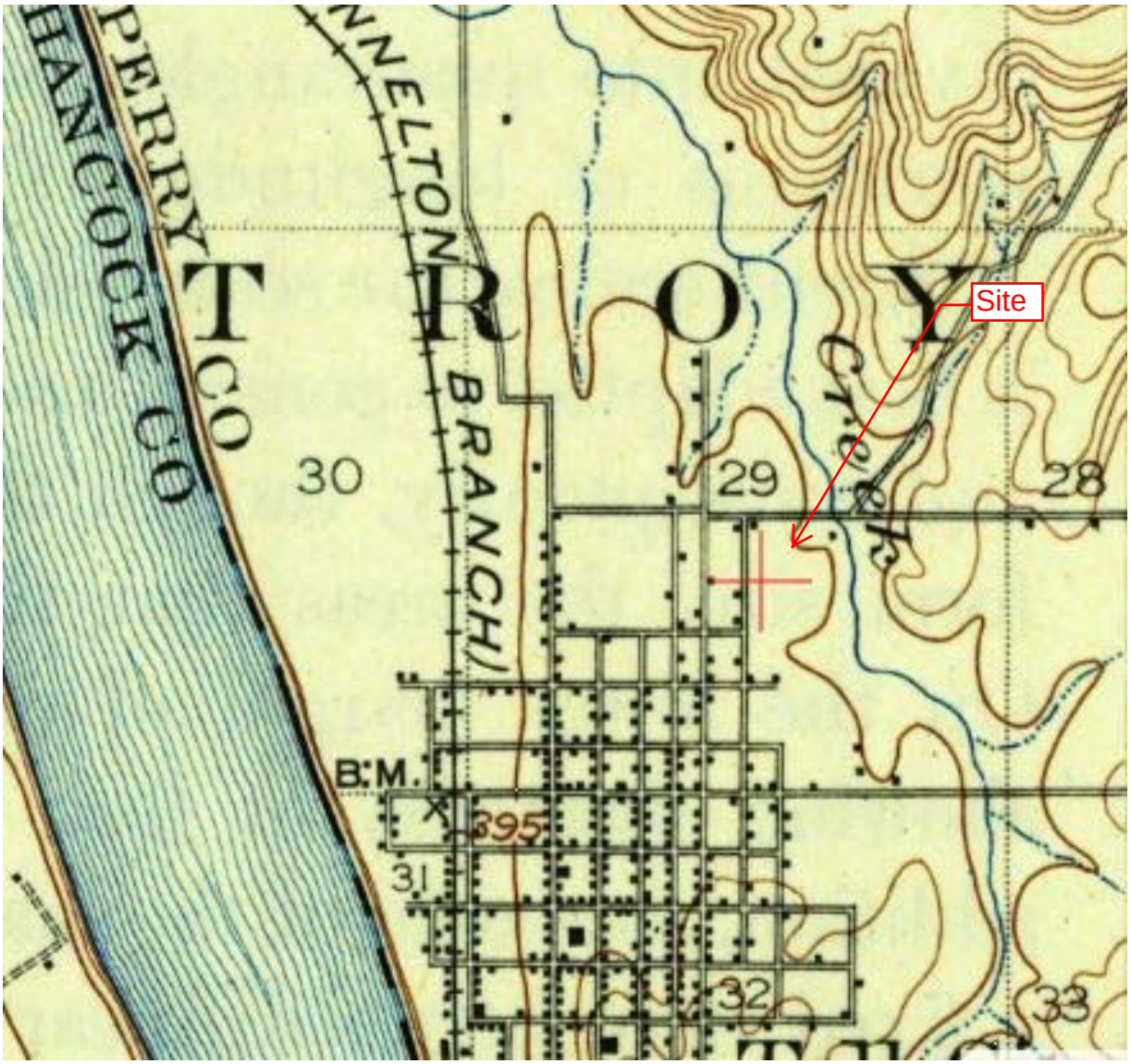
= 500'

N

EDR

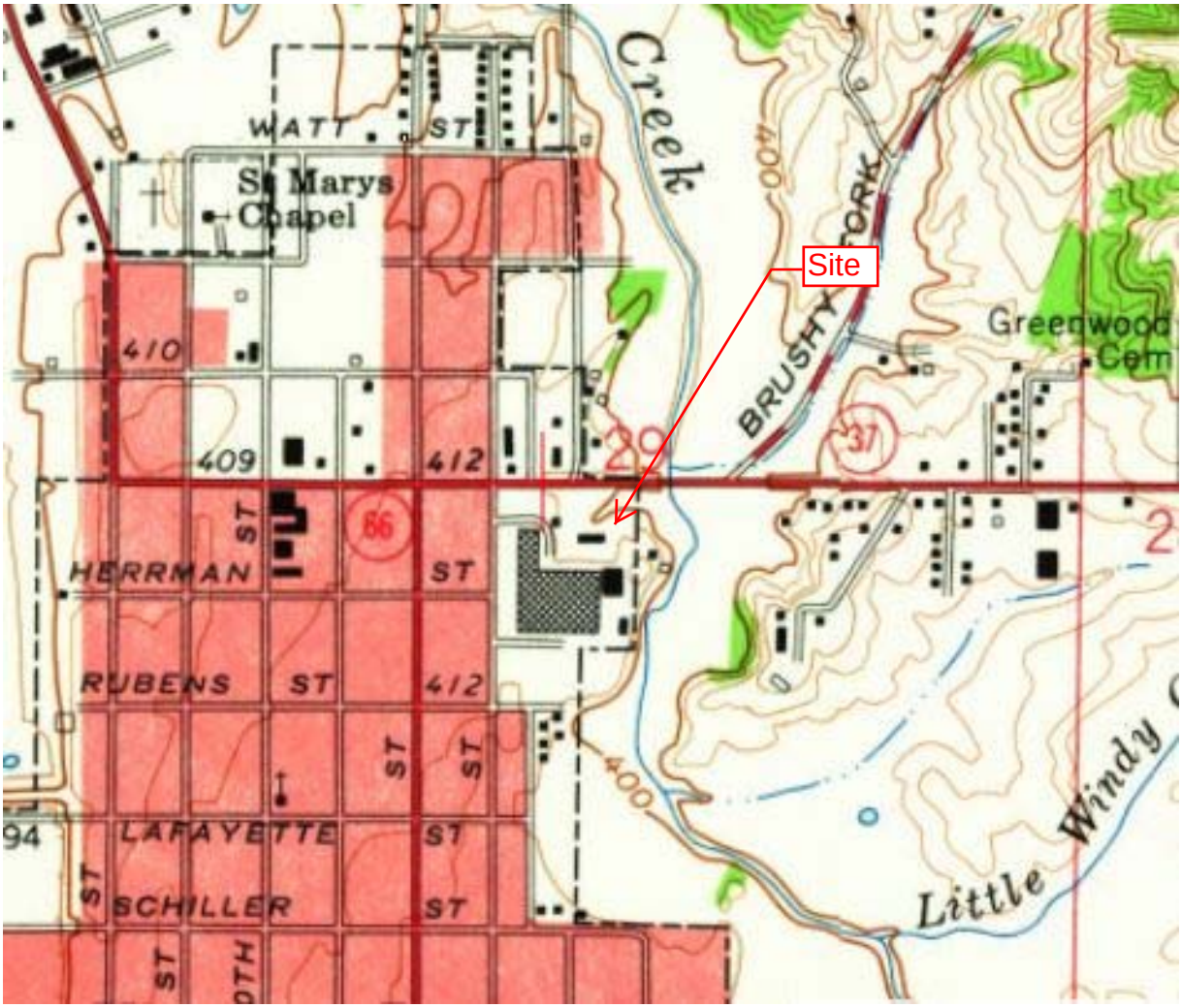
Sub-Building B-4
INQUIRY #: 5406157.1
YEAR: 1951
= 500'
N
EDR


Chemical Storage Building
Original Slope to Creek (now fill)
INQUIRY #: 5406157.1
YEAR: 1949
= 500'
N
EDR



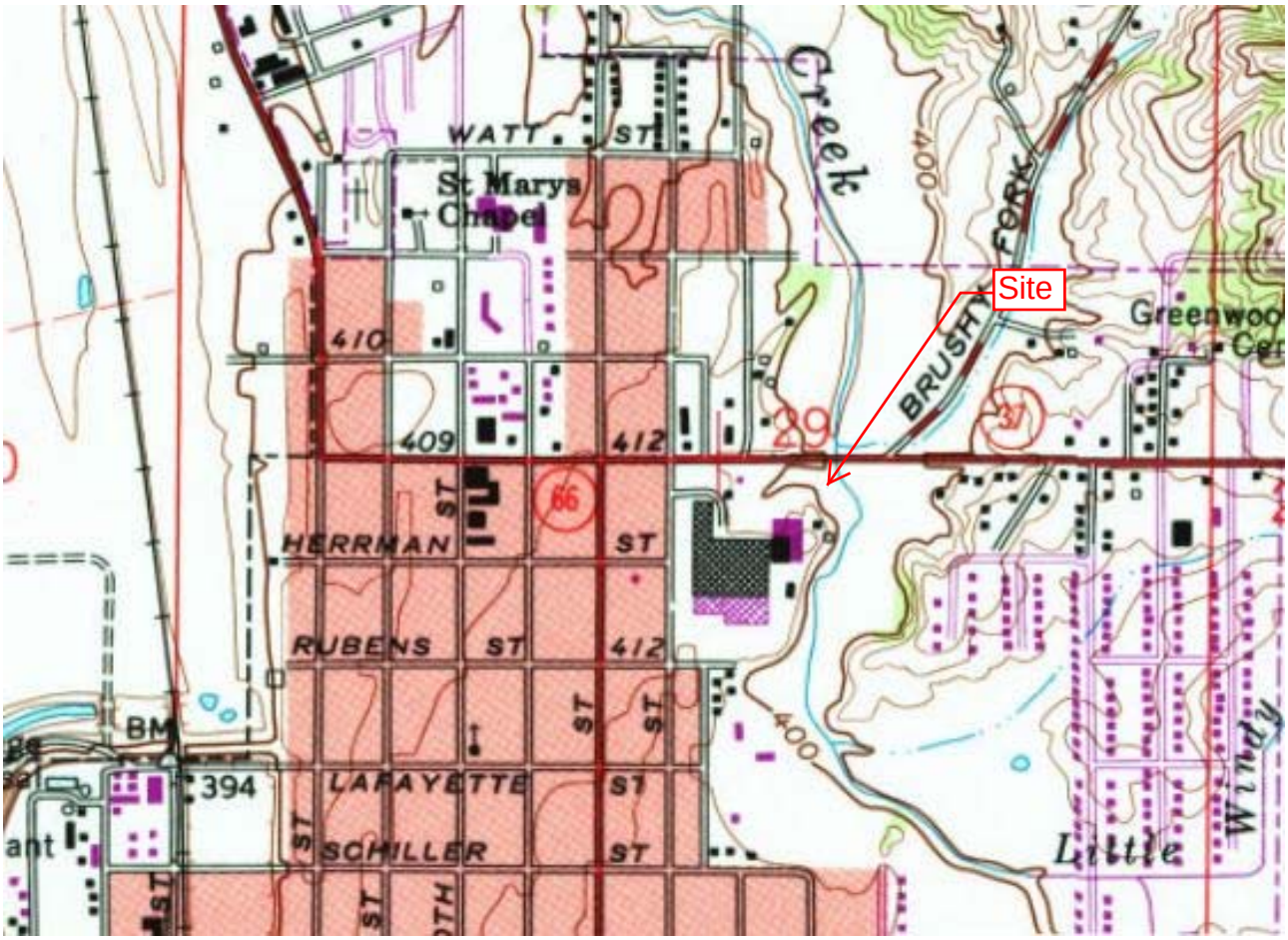
1903 Topographic Map

Source: U.S. Geological Survey Historical Topographic Map Explorer



1961 Topographic Map

Source: U.S. Geological Survey Historical Topographic Map Explorer



1980 Topographic Map

Source: U.S. Geological Survey Historical Topographic Map Explorer

APPENDIX B

Boring Logs

PROJECT NAME GE Tell City
CLIENT General Electric

BORING NUMBER AB-19D

PROJECT LOCATION 1412 13th Street, Tell City, Indiana
DRILLING CONTRACTOR Layne
PROJECT NUMBER ALL00911
DRILLING METHOD Sonic
LOCATION SW Corner of Building
STAMP (IF APPLICABLE) AND/OR NOTES
OVA EQUIPMENT
GROUND ELEVATION **HOLE DIAMETER** 8"
TOP OF CASING ELEVATION Not Surveyed **HOLE DEPTH** 90.0 feet
FIRST ENCOUNTERED WATER ---
STABILIZED WATER ---
LOGGED BY Keith Antell **DATE** 1/17/19

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	DEPTH (feet)
				1.0	ASPHALT with gravel base	
		ML		3.0	SILT; brownish yellow (10YR 6/8) soft; saturated; non-plstic.	
	-	CLM		7.0	SILTY CLAY; light brownish gray (10YR 6/2); firm; dry; slightly plastic.	
10					SILTY CLAY; gray (10YR 5/1); varies from soft to firm throughout; slightly plastic; Gravelly seams from 66 to 69'.	10
20	-					20
30	-	CLM				30
40	-					40
50	-					50

(Continued Next Page)

APPROVED BY: **DATE:**

ARCADIS

PROJECT NAME GE Tell City
CLIENT General Electric

BORING NUMBER AB-19D

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	DEPTH (feet)
60	-				SILTY CLAY; gray (10YR 5/1); varies from soft to firm throughout; slightly plastic; Gravelly seams from 66 to 69'. *(continued)*	60
70	-	CLM				70
80	-					80
90				90.0		90

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ARCADIS

PROJECT NAME GE Tell City
CLIENT General Electric

BORING NUMBER AP-23D

PROJECT LOCATION 1412 13th Street, Tell City, Indiana
DRILLING CONTRACTOR Layne
PROJECT NUMBER ALL00911
DRILLING METHOD Sonic
LOCATION NW Corner of Site
STAMP (IF APPLICABLE) AND/OR NOTES
OVA EQUIPMENT
GROUND ELEVATION **HOLE DIAMETER** 8"
TOP OF CASING ELEVATION Not Surveyed **HOLE DEPTH** 76.0 feet
▽ **FIRST ENCOUNTERED WATER** 36.0 feet
STABILIZED WATER ---
LOGGED BY Keith Antell **DATE** 1/17/19

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	DEPTH (feet)
				2.0	ASPHALT with gravel base	
	-	CLM		15.0	SILTY CLAY; strong brown (7.5YR 5/6); firm; moist; slightly plsatic.	
10						10
	-				SAND; strong brown (7.5YR 5/6); fine to medium grained; dry becoming saturated at 36 feet.	
20						20
	-	SP				
30						30
	-			▽		
				39.0		
40		SP		40.0	SAND; gray (7.5YR 5/1) medium to coarse grained; saturated.	40
	-	CLM			SILTY CLAY; gray (7.5YR 5/1); moist; soft beoming firm with depth; plastic.	
50						50

(Continued Next Page)

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/23/19

PROJECT NAME GE Tell City
CLIENT General Electric

BORING NUMBER AP-23D

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	DEPTH (feet)
60	-	CLM			SILTY CLAY; gray (7.5YR 5/1); moist; soft beoming firm with depth; plastic. *(continued)*	60
	-			65.0		
		CL/CHWG		68.0	SILTY CLAY with angular gravel; brownish yellow (10YR 6/8); very firm; non-plastic to friable.	
70		SC/SMG		70.0	SILTY SAND with gravel; reddish brown (7.5YR 6/8); dry.	70
				74.0	SANDSTONE; yellow (10YR 7/8); fractures; dry.	
	-			76.0	SHALE; mottled gray and dark gray; fractured; dry.	

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/23/19

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-16

PROJECT LOCATION 1412 13th Street, Tell City, Indiana
PROJECT NUMBER ALL00911
LOCATION Stueben Street at Alley between 9th & 10th
OVA EQUIPMENT
GROUND ELEVATION **HOLE DIAMETER** 8"
TOP OF CASING ELEVATION Not Surveyed **HOLE DEPTH** 85.0 feet
FIRST ENCOUNTERED WATER 36.5 feet
STABILIZED WATER ---
LOGGED BY Keith Antell **DATE** 1/15/19

DRILLING CONTRACTOR Layne
DRILLING METHOD Sonic
STAMP (IF APPLICABLE) AND/OR NOTES

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
			1.0	ASPHALT with gravel base	
	-	CLM	3.0	SILTY CLAY; gray (7.5YR 6/1); soft; moist; slightly plastic.	
		CLM	5.0	SILTY CLAY; strong brown (7.5YR 5/6) firm, dry; plastic.	
10		CLM	12.0	SILTY CLAY; light brown (7.5YR 6/4) firm, dry; plastic.	
	-	SM	17.0	SILTY SAND; strong brown (7.5YR 5/6); soft; dry.	2" PVC risers in bentonite chips; flush mount cover
20				SAND; strong brown (7.5YR 5/8); medium to coarse grained; soft; dry.	
30	-	SP	29.0		
		SPG	34.0	SAND with fine grael;	2" PCC risers in #5 filter sand
40	-			SAND; brown (7.5YR 6/4); medium to coarse grained; saturated at 36.5'.	2" PVC Risers, 2" 10-Slot PVC Screen in #5 filter sand
50	-	SP			2" PVC Risers in #5 filter sand 2: PVC Risers in bentonite chips 2" PCC risers

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/23/19

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-16

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM	DEPTH (feet)
60	-				SAND; brown (7.5YR 6/4); medium to coarse grained; saturated at 36.5'. *(continued)*	in #5 filter sand 2" PVC Riser; 2" 10-Slot PVC Screen in #5 filter sand	60
70	-	SP				2" PVC Riser in #5 filter sand 2" PVC Riser in bentonite chips 2" PVC Riser in #5 filter sand	70
				72.0			
	-	GPS		75.0	GRAVEL with sand; medium to coarse gravel; saturated.		
80		SP		80.0	SAND; yellowish red (5YR 5/8); medium to coarse grained with little fine gravel; saturated.	2" PVC 10-slot PVC screen in #5 filter sand	80
	MW-16 d 80	CLM		85.0	SILTY CLAY; strong brown (7.5YR 5/8); firm; dry.	#5filter sand in hole Bentonite plug	
	MW-16 d 90						

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PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-17

PROJECT LOCATION 1412 13th Street, Tell City, Indiana
DRILLING CONTRACTOR Layne
PROJECT NUMBER ALL00911
DRILLING METHOD Sonic
LOCATION Payne Street at Alley between 9th & 10th
STAMP (IF APPLICABLE) AND/OR NOTES
OVA EQUIPMENT
GROUND ELEVATION **HOLE DIAMETER** 8"
TOP OF CASING ELEVATION Not Surveyed **HOLE DEPTH** 85.0 feet
FIRST ENCOUNTERED WATER 36.0 feet
STABILIZED WATER ---
LOGGED BY Keith Antell **DATE** 1/21/19

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
				1.0	ASPHALT with gravel base	
	-	CLM			SILTY CLAY; mottled yellowish brown and grayish brown; firm; moist; slightly plastic.	
				5.0	SILTY CLAY; strong brown (7.5YR 5/6); soft; dry; slightly plastic.	
10						
	-	CLM				2" PVC risers in bentonite chips; flush mount cover
				18.0	SAND; strong brown (7.5YR 5/6); medium to coarse grained; dry - saturated at 36'. Silt increases with depth; gravelly at 65-70'	
20						
	-					
30						2" PCC risers in #5 filter sand
	-	SP				2" PVC Risers, 2" 10-Slot PVC Screen in #5 filter sand
40						
	-					2" PVC Risers in #5 filter sand 2: PVC Risers in bentonite chips 2" PCC risers
50						

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/23/19

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-17

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM	DEPTH (feet)
	-				SAND; strong brown (7.5YR 5/6); medium to coarse grained; dry - saturated at 36'. Silt increases with depth; gravelly at 65-70' *(continued)*	in #5 filter sand; 2" PVC Riser; 2" 10-Slot PVC Screen in #5 filter sand	
60							60
	-	SP				2" PVC Riser in #5 filter sand; 2" PVC Riser in bentonite chips; 2" PVC Riser in #5 filter sand; 2" PVC 10-slot PVC screen in #5 filter sand	
70							70
	-			75.0			
		GPS		77.0	GRAVEL with sand; gray (7.5YR 6/1); fine to medium grained sand with medium to coarse gravel; saturated.	#5filter sand in hole	
					SILTY CLAY; dark gray (7.5YR 4/1); firm; dry.		
80							80
		CLM				Bentonite plug	
	MW-17 d 80			85.0			
	MW-17 d 90						

APPROVED BY: _____ **DATE:** _____

ARCADIS

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-18

PROJECT LOCATION 1412 13th Street, Tell City, Indiana
DRILLING CONTRACTOR Layne
PROJECT NUMBER ALL00911
DRILLING METHOD Sonic
LOCATION Steuben Street West of Main
STAMP (IF APPLICABLE) AND/OR NOTES
OVA EQUIPMENT
GROUND ELEVATION **HOLE DIAMETER** 8"
TOP OF CASING ELEVATION Not Surveyed **HOLE DEPTH** 80.0 feet
▽ **FIRST ENCOUNTERED WATER** 37.0 feet
STABILIZED WATER ---
LOGGED BY Keith Antell **DATE** 1/29/19

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
				1.0	ASPHALT and gravel base	
	-	CLM			SILTY CLAY; strong brown (7.5YR 5/8); firm; moist.	
10						
	-			15.0	SAND; strong brown (7.5YR 5/8);medium to coarse grained with some fine grave (with depth); dry to saturated at 37'.	2" PVC risers in bentonite chips; flush mount cover
20						
	-					
30						
	-	SP		▽		2" PCC risers in #5 filter sand
40						2" PVC Risers, 2" 10-Slot PVC Screen in #5 filter sand
	-					2" PVC Risers in #5 filter sand 2: PVC Risers in bentonite chips 2" PCC risers
50						

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/29/19

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-18

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM	DEPTH (feet)
	-	SP		54.0	SAND; strong brown (7.5YR 5/8);medium to coarse grained with some fine grave (with depth); dry to saturated at 37'. *(continued)*	in #5 filter sand	
60	-	SW-SM		65.0	SILTY SAND; strong brown (7.5YR 5/8) becoming gray at 55'; soft; saturated.	2" PVC Riser; 2" 10-Slot PVC Screen in #5 filter sand	60
70	-	SP		70.0	SAND; fine grained with layers of fine gravel; soft; saturated.		70
80	-	CLM		80.0	SILTY CLAY; dark gray (7.5YR 6/1); firm; moist; slightly plastic.	Bentonite plug	80
	MW-18 d 80						
	MW-18 d 90						

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/29/19

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-19

PROJECT LOCATION 1412 13th Street, Tell City, Indiana
DRILLING CONTRACTOR Layne
PROJECT NUMBER ALL00911
DRILLING METHOD Sonic
LOCATION Steuben Street West of Main
STAMP (IF APPLICABLE) AND/OR NOTES
OVA EQUIPMENT
GROUND ELEVATION **HOLE DIAMETER** 8"
TOP OF CASING ELEVATION Not Surveyed **HOLE DEPTH** 80.0 feet
FIRST ENCOUNTERED WATER 35.8 feet
STABILIZED WATER ---
LOGGED BY Keith Antell **DATE** 1/14/19

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
				1.0	ASPHALT and gravel base	
					SILTY CLAY; strong brown (7.5YR 5/6); firm; dry.	
10	-	CLM				
	-			18.0		2" PVC risers in bentonite chips; flush mount cover
20					SAND; strong brown (7.5YR 5/6); coarse grained; dry.	
30	-	SP				2" PCC risers in #5 filter sand
				33.0		
40	-				SAND with little fine gravel; brown (7.5YR 4/3); medium to coarse sand; saturated at 35.8'.	2" PVC Risers, 2" 10-Slot PVC Screen in #5 filter sand
50	-	SPG				2" PVC Risers in #5 filter sand 2: PVC Risers in bentonite chips 2" PCC risers

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/23/19

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-19

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM	DEPTH (feet)
60	-				SAND with little fine gravel; brown (7.5YR 4/3); medium to coarse sand; saturated at 35.8'. *(continued)*	in #5 filter sand 2" PVC Riser; 2" 10-Slot PVC Screen in #5 filter sand	60
70	-	SPG				2" PVC Riser in #5 filter sand 2" PVC Riser in bentonite chips 2" PVC Riser in #5 filter sand	70
80	-			75.0		2" PVC 10-slot PVC screen in #5 filter sand	80
		GPS		77.0	GRAVEL with sand; brown (7.5YR 4/3); saturated.		
		CLM		80.0	SILTY CLAY; dark gray (7.5YR 4/1); firm; moist; slightly plastic.	#5filter sand in hole Bentonite plug	
	MW-19 d 80						
	MW-19 d 90						

APPROVED BY: _____ **DATE:** _____

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/23/19

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-20

PROJECT LOCATION 1412 13th Street, Tell City, Indiana
DRILLING CONTRACTOR Layne
PROJECT NUMBER ALL00911
DRILLING METHOD Sonic
LOCATION Herrman Street West of Main
STAMP (IF APPLICABLE) AND/OR NOTES
OVA EQUIPMENT
GROUND ELEVATION **HOLE DIAMETER** 8"
TOP OF CASING ELEVATION Not Surveyed **HOLE DEPTH** 100.0 feet
FIRST ENCOUNTERED WATER 36.2 feet
STABILIZED WATER ---
LOGGED BY Keith Antell **DATE** 1/10/19

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM	DEPTH (feet)
				1.0	FILL; Asphalt and gravel base		
10	-	CL-ML		10.0	SILTY CLAY; strong brown (7.5YR 5/8); firm; dry; slightly plastic.		10
20	-	MLC		18.0	CLAYEY SILT; strong brown (7.5YR 5/8); soft; damp, slightly plastic.	2" PVC risers in bentonite chips; flush mount cover	20
30	-	SP		27.0	SAND; reddish yellow (7.5YR 7/8); medium to coarse grained; soft; dry.		30
40	-	SPWG		35.0	SAND with little fine gravel; strong brown (7.5YR 4/6); dry.	2" PCC risers in #5 filter sand	40
50	-	SPWG			SAND with little fine gravel; medium to coarse grained; saturated.	2" PVC Risers, 2" 10-Slot PVC Screen in #5 filter sand 2" PVC Risers in #5 filter sand 2: PVC Risers in bentonite chips 2" PCC risers	50

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/23/19

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-20

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM	DEPTH (feet)
60	-	SPWG			SAND with little fine gravel; medium to coarse grained; saturated. *(continued)*	in #5 filter sand; 2" PVC Riser; 2" 10-Slot PVC Screen in #5 filter sand	60
70	-			70.0		2" PVC Riser in #5 filter sand; 2" PVC Riser in bentonite chips	70
80	-	GPS		84.0	GRAVEL with sand; dark yellowish brown (10YR 3/6); fine gravel with high sand content; saturated.	2" PVC Riser in #5 filter sand; 2" PVC 10-slot PVC screen in #5 filter sand	80
		SM		85.0	SILTY SAND; gray (10YR 5/1); firm; moist.		
90	-	SP		90.0	SAND; grayish brown (10YR 5/2); very coarse; saturated.	Bentonite plug	90
100	-	CLM		100.0	SILTY CLAY; gray (10YR 5/1) firm; moist; plastic.		100

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PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-21

PROJECT LOCATION 1412 13th Street, Tell City, Indiana
PROJECT NUMBER ALL00911
LOCATION Rubens Street West of Main
OVA EQUIPMENT
GROUND ELEVATION **HOLE DIAMETER** 8"
TOP OF CASING ELEVATION Not Surveyed **HOLE DEPTH** 93.0 feet
▽ **FIRST ENCOUNTERED WATER** 35.0 feet
STABILIZED WATER ---
LOGGED BY Keith Antell **DATE** 1/8/19

DRILLING CONTRACTOR Layne
DRILLING METHOD Sonic
STAMP (IF APPLICABLE) AND/OR NOTES

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
				1.0	FILL; Asphalt and gravel base	
10	-	CL-ML		10.0	SILTY CLAY; strong brown (7.5YR 5/6); firm; dry; slightly plastic.	
		ML		12.0	SILT; strong brown (7.5YR 5/6); wet; soft; non-plastic.	
	-	CL-ML		17.0	SILTY CLAY; strong brown (7.5YR 5/6); firm; moist; slightly plastic.	2" PVC risers in bentonite chips; flush mount cover
20		SP		20.0	SAND; brownish yellow (10YR 6/8); medium to coarse grained, moist; soft.	
	-	CL-ML		27.0	SILTY CLAY; strong brown (7.5YR 5/6); firm; moist; slightly plastic.	
		SM		28.0	SILTY SAND; strong brown (7.5 YR 5/6); slightly plstic; soft; moist.	
30		SP		35.0▽	SAND; strong brown (7.5YR 4/6); medium to coarse grained; soft; dry.	2" PCC risers in #5 filter sand
	-	SP-SCG		37.0	SAND with fine gravel; saturated.	2" PVC Risers, 2" 10-Slot PVC Screen in #5 filter sand
40		SP			SAND; strong brown (7.5YR 4/6); medium to coarse grained; soft; saturated.	
50	-					2" PVC Risers in #5 filter sand 2: PVC Risers in bentonite chips 2" PCC risers

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BORING+WELL 2006 GINT US.GPJ LFR SEPT 2006.GDT 1/23/19

PROJECT NAME GE Tell City
CLIENT General Electric

WELL NUMBER MW-21

DEPTH (feet)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	DEPTHS	LITHOLOGIC DESCRIPTION	WELL DIAGRAM	DEPTH (feet)
60	-	SP			SAND; strong brown (7.5YR 4/6); medium to coarse grained; soft; saturated. *(continued)*	in #5 filter sand 2" PVC Riser; 2" 10-Slot PVC Screen in #5 filter sand	60
70	-	SP		65.0 70.0	SAND; strong brown (7.5YR 4/6); medium to coarse grained; soft; dry.	2" PVC Riser in #5 filter sand 2" PVC Riser in bentonite chips 2" PVC Riser in #5 filter sand	70
80	-	SP GPS SP		77.0 78.0 80.0	SAND; strong brown (7.5YR 4/6); medium to coarse grained; soft; dry. Gravel; fine-grained, rounded with sand; saturated. SAND; dark gray (7.5YR 4/1); medium to coarse grained; soft; saturated.	2" PVC 10-slot PVC screen in #5 filter sand	80
90	MW-21 d 80	CLMS CL-ML		83.0 90.0	SILTY CLAY with sand and little fine gravel; dark gray (7.5YR 4/1); firm; moist. SILTY CLAY; dark gray (7.5YR 4/1); firm; dry; slightly plastic.	Bentonite plug	90
	MW-21 d 90						

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APPENDIX C

Vapor Intrusion Tables

Table 2. Sub-Slab Analytical Results for Structure ID01

Compound	Sub-Slab Screening Levels †	Sub-Slab SS-01 4/6/2018
1,1,1-Trichloroethane	173,333	**38**
1,1,2,2-Tetrachloroethane	16	< 19
1,1,2-Trichloroethane	7	< 15
1,1-Dichloroethane	600	< 11
1,1-Dichloroethene	7,000	< 11
1,2,4-Trichlorobenzene	70	< 84
1,2,4-Trimethylbenzene	2,100	< 14
1,2-Dibromoethane (EDB)	1.57	< 22
1,2-Dichlorobenzene	7,000	< 17
1,2-Dichloroethane	36.67	< 11
1,2-Dichloropropane	140	< 13
1,3,5-Trimethylbenzene	2,100	< 14
1,3-Butadiene	31.33	< 6.2
1,3-Dichlorobenzene	NL	< 17
1,4-Dichlorobenzene	86.67	< 17
1,4-Dioxane	186.67	< 40
2,2,4-Trimethylpentane	NL	< 13
2-Butanone (Methyl Ethyl Ketone)	173,333	< 33
2-Hexanone	1,033	< 46
2-Propanol (Isopropanol)	7,000	**29**
3-Chloropropene (Allyl Chloride)	33.3	< 35
4-Ethyltoluene	NL	< 14
4-Methyl-2-pentanone	103,333	< 12
Acetone	1,066,667	**540**
alpha-Chlorotoluene	NL	< 14
Benzene	120	**9.4**
Bromodichloromethane	25.3	< 19
Bromoform	867	< 29
Bromomethane	173.3	< 110
Carbon Disulfide	24,333	< 35
Carbon Tetrachloride	156.7	< 18
Chlorobenzene	1,733	< 13
Chloroethane	333,333	< 30
Chloroform	40	< 14
Chloromethane	3,133	< 58
cis-1,2-Dichloroethene	NL	< 11
cis-1,3-Dichloropropene	233	< 13
Cumene	14,000	< 14
Cyclohexane	210,000	**25**
Dibromochloromethane	NL	< 24
Ethanol	NL	**320**
Ethyl Benzene	367	< 12
Freon 11 (Trichlorofluoromethane)	NL	< 16
Freon 113 (Trichlorotrifluoroethane)	NL	< 22
Freon 114 (Dichlorotetrafluoroethane)	NL	< 20
Freon 12 (Dichlorodifluoromethane)	3,333	< 14
Heptane	14,000	**15**
Hexachlorobutadiene	43.3	< 120
Hexane	24,333	**25**
m,p-Xylene	3,333	< 12
Methyl tert-butyl ether	3,667	< 40
Methylene Chloride	21,000	< 98
o-Xylene	3,333	< 12
Propylbenzene	33,333	< 14
Styrene	33,333	< 12
Tetrachloroethene	1,400	**110**
Tetrahydrofuran	70,000	< 8.3
Toluene	173,333	**23**
trans-1,2-Dichloroethene	NL	< 11
trans-1,3-Dichloropropene	233	< 13
Trichloroethene	70	**4,800**
Vinyl Chloride	56.7	< 7.2

Notes:

Screening Levels for sub-slab soil gas. Screening levels are protective

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in bold type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for structure ID01

Compound	IDEM Indoor Air Screening Levels	Indoor Air						
		First Floor			Basement			
		IA-01-F	IA-01F	IA-01F	IA-01-B	DUP-1 =IA-01-B	IA-01-B	IA-01-B
		Initial	30-Day Post Installation	180-Day Post Installation	Initial	Initial	30-Day Post Installation	180-Day Post Installation
		4/6/2018	7/9/2018	12/4/2018	4/6/2018	4/6/2018	7/9/2018	12/4/2018
1,1,1-Trichloroethane	5,200	< 0.18	<0.20	<0.19	< 0.18	< 0.18	<0.19	<0.17
1,1,2,2-Tetrachloroethane	0.48	< 0.22	<0.25	<0.24	< 0.22	< 0.22	<0.24	<0.21
1,1,2-Trichloroethane	0.21	< 0.18	<0.20	<0.19	< 0.18	< 0.18	<0.19	<0.17
1,1-Dichloroethane	18	< 0.13	<0.15	<0.14	< 0.13	< 0.13	<0.14	<0.13
1,1-Dichloroethene	210	< 0.065	<0.072	<0.069	< 0.065	< 0.064	<0.068	<0.062
1,2-Dibromoethane (EDB)	0.047	< 0.25	<0.28	<0.27	< 0.25	< 0.25	<0.26	<0.24
1,2-Dichloroethane	1.1	**0.16**	**0.31**	<0.14	< 0.13	< 0.13	**0.29**	<0.13
1,4-Dichlorobenzene	2.6	< 0.20	<0.22	<0.21	< 0.20	< 0.19	<0.21	<0.19
Benzene	3.6	**0.47**	**0.60**	**0.52**	**0.42**	**0.41**	**0.58**	**0.55**
Carbon Tetrachloride	4.7	**0.44**	**0.41**	**0.47**	**0.43**	**0.40**	**0.38**	**0.43**
Chloroethane (Ethyl Chloride)	10,000	< 0.22	<0.24	<0.23	< 0.22	< 0.21	<0.23	<0.20
Chloroform	1.2	**0.16 J**	**0.41**	<0.17	< 0.16	< 0.16	**0.41**	<0.15
Chloromethane	94	< 1.7	**2.0**	<1.8	< 1.7	< 1.7	**2.0**	<1.6
cis-1,2-Dichloroethene	NL	< 0.13	<0.14	<0.14	< 0.13	< 0.13	<0.14	<0.12
Ethyl Benzene	11	**0.16**	**0.28**	**0.17**	**0.14**	**0.14**	**0.25**	**0.15**
Freon 114 (Dichlorotetrafluoroethane)	NL	< 0.23	<0.25	<0.24	< 0.23	< 0.23	<0.14	<0.22
Freon 12 (Dichlorodifluoromethane)	100	**2.5**	**2.6**	**2.8**	**2.6**	**2.6**	**2.6**	**2.6**
m,p-Xylene	100	**0.44**	**0.61**	**0.45**	**0.43**	**0.41**	**0.57**	**0.43**
Methyl tert-butyl ether	110	< 0.59	<0.66	<0.63	< 0.59	< 0.58	<0.62	<0.56
o-Xylene	100	**0.18**	**0.27**	**0.20**	**0.19**	**0.18**	**0.26**	**0.18**
Tetrachloroethene	42	< 0.22	<0.25	<0.24	< 0.22	< 0.22	<0.23	<0.21
Toluene	5,200	**1.2**	**2.8**	**0.96**	**1.0**	**1.1**	**2.5**	**0.99**
trans-1,2-Dichloroethene	NL	< 0.65	<0.72	<0.69	< 0.65	< 0.64	<0.68	<0.62
Trichloroethene	2.1	**0.25**	<0.20	<0.19	**1.0**	**1.0**	<0.18	<0.17
Vinyl Chloride	1.7	< 0.042	<0.046	<0.044	< 0.042	< 0.041	<0.044	<0.040

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air.
Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 1. Indoor Air Analytical Results for structure ID02

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		First Floor			Basement		
		IA-02-F	IA-02F	IA-02F	IA-02-B	IA-02-B	IA-02-B
		Initial	30-Day Post Installation	180-Day Post Installation	Initial	30-Day Post Installation	180-Day Post Installation
		4/10/2018	7/9/2018	12/4/2018	4/10/2018	7/9/2018	12/4/2018
1,1,1-Trichloroethane	5,200	<0.19	<0.19	<0.19	<0.21	<0.18	<0.18
1,1,2,2-Tetrachloroethane	0.48	<0.24	<0.24	<0.24	<0.27	<0.23	<0.23
1,1,2-Trichloroethane	0.21	<0.19	<0.19	<0.19	<0.21	<0.18	<0.18
1,1-Dichloroethane	18	<0.14	<0.14	<0.14	<0.16	<0.13	<0.14
1,1-Dichloroethene	210	<0.070	<0.070	<0.068	<0.077	<0.066	<0.066
1,2-Dibromoethane (EDB)	0.047	<0.27	<0.27	<0.26	<0.30	<0.26	<0.26
1,2-Dichloroethane	1.1	**0.24**	**0.51**	**0.16**	<0.16	**0.49**	<0.14
1,4-Dichlorobenzene	2.6	<0.21	**0.21**	<0.21	<0.23	**0.26**	<0.20
Benzene	3.6	**0.68**	**1.4**	**0.65**	**0.7**	**1.1**	**0.64**
Carbon Tetrachloride	4.7	**0.44**	**0.41**	**0.54**	**0.52**	**0.42**	**0.52**
Chloroethane (Ethyl Chloride)	10,000	<0.23	<0.23	<0.23	<0.26	<0.22	<0.22
Chloroform	1.2	<<0.17	**0.42**	**0.22**	<0.19	**0.41**	**0.20**
Chloromethane	94	<1.8	**2.1**	<1.8	<2.0	**2.0**	<1.7
cis-1,2-Dichloroethene	NL	<0.14	<0.14	<0.14	<0.15	<0.13	<0.13
Ethyl Benzene	11	**0.28**	**0.77**	**0.34**	**0.48**	**0.74**	**0.27**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.25	<0.25	<0.24	<0.27	<0.23	<0.23
Freon 12 (Dichlorodifluoromethane)	100	**2.8**	**2.4**	**2.5**	**2.8**	**2.5**	**2.6**
m,p-Xylene	100	**0.82**	**1.5**	**0.88**	**0.88**	**1.3**	**0.76**
Methyl tert-butyl ether	110	<0.63	<0.64	<0.62	<0.70	<0.60	<0.60
o-Xylene	100	**0.37**	**0.57**	**0.37**	**0.41**	**0.48**	**0.37**
Tetrachloroethene	42	<0.24	<0.24	<0.23	<0.26	<0.22	<0.23
Toluene	5,200	**1.8**	**4.3**	**4.2**	**1.8**	**4.0**	**3.4**
trans-1,2-Dichloroethene	NL	<0.70	<0.70	<0.68	<0.77	<0.66	<0.66
Trichloroethene	2.1	<0.19	<0.19	<0.18	<0.21	<0.18	<0.18
Vinyl Chloride	1.7	<0.045	<0.045	<0.044	<0.050	<0.042	<0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID02

Compound	Sub-Slab Screening Levels †	Sub-Slab SS-01 4/6/2018
1,1,1-Trichloroethane	173,333	<6.4
1,1,2,2-Tetrachloroethane	16	<8.1
1,1,2-Trichloroethane	7	<6.4
1,1-Dichloroethane	600	<4.8
1,1-Dichloroethene	7,000	<4.7
1,2,4-Trichlorobenzene	70	<35
1,2,4-Trimethylbenzene	2,100	<5.8
1,2-Dibromoethane (EDB)	1.57	<9.1
1,2-Dichlorobenzene	7,000	<7.1
1,2-Dichloroethane	36.67	<4.8
1,2-Dichloropropane	140	<5.4
1,3,5-Trimethylbenzene	2,100	<5.8
1,3-Butadiene	31.33	<2.6
1,3-Dichlorobenzene	NL	<7.1
1,4-Dichlorobenzene	86.67	<7.1
1,4-Dioxane	186.67	<17
2,2,4-Trimethylpentane	NL	<5.5
2-Butanone (Methyl Ethyl Ketone)	173,333	<14
2-Hexanone	1,033	<19
2-Propanol (Isopropanol)	7,000	<12
3-Chloropropene (Allyl Chloride)	33.3	<15
4-Ethyltoluene	NL	<5.8
4-Methyl-2-pentanone	103,333	<4.8
Acetone	1,066,667	<28
alpha-Chlorotoluene	NL	<6.1
Benzene	120	<3.8
Bromodichloromethane	25.3	<7.9
Bromoform	867	<12
Bromomethane	173.3	<46
Carbon Disulfide	24,333	<15
Carbon Tetrachloride	156.7	<7.4
Chlorobenzene	1,733	<5.4
Chloroethane	333,333	<12
Chloroform	40	<5.8
Chloromethane	3,133	<24
cis-1,2-Dichloroethene	NL	<4.7
cis-1,3-Dichloropropene	233	<5.4
Cumene	14,000	<5.8
Cyclohexane	210,000	<4.1
Dibromochloromethane	NL	<10
Ethanol	NL	**10**
Ethyl Benzene	367	<5.1
Freon 11 (Trichlorofluoromethane)	NL	<6.6
Freon 113 (Trichlorotrifluoroethane)	NL	<9.0
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.2
Freon 12 (Dichlorodifluoromethane)	3,333	<5.8
Heptane	14,000	<4.8
Hexachlorobutadiene	43.3	<50
Hexane	24,333	<4.2
m,p-Xylene	3,333	<5.1
Methyl tert-butyl ether	3,667	<17
Methylene Chloride	21,000	<41
o-Xylene	3,333	<5.1
Propylbenzene	33,333	<5.8
Styrene	33,333	<5.0
Tetrachloroethene	1,400	<8.0
Tetrahydrofuran	70,000	<3.5
Toluene	173,333	<4.4
trans-1,2-Dichloroethene	NL	<4.7
trans-1,3-Dichloropropene	233	<5.4
Trichloroethene	70	**500**
Vinyl Chloride	56.7	<3.0

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type Indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID03

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		Basement		First Floor	
		IA-03-B		IA-03-F	
		04/12/2018	01/24/2019	04/12/2018	01/24/2019
1,1,1-Trichloroethane	5200	< 0.93	< 0.37	< 1.9	< 0.44
1,1,2,2-Tetrachloroethane	0.48	< 1.2	< 0.46	< 2.4	< 0.55
1,1,2-Trichloroethane	0.21	< 0.93	< 0.37	< 1.9	< 0.44
1,1-Dichloroethane	18	< 0.69	< 0.27	< 1.4	< 0.32
1,1-Dichloroethene	210	< 0.34	< 0.13	< 0.69	< 0.16
1,2-Dibromoethane	0.047	< 1.3	< 0.52	< 2.7	< 0.62
1,2-Dichloroethane	1.1	**4.0**	**1.8**	**3.9**	**2.0**
1,2-Dichlorotetrafluoroethane	NA	< 1.2	< 0.47	< 2.4	< 0.56
1,4-Dichlorobenzene	2.6	< 1.0	< 0.41	< 2.1	< 0.48
Benzene	3.6	< 1.4	**1.2**	< 2.8	**1.3**
Carbon Tetrachloride	4.7	< 1.1	< 0.42	< 2.2	< 0.50
CFC-12	100	**2.5**	**2.4**	**2.6**	**2.4**
Chloroethane	10000	< 1.1	< 0.44	< 2.3	< 0.53
Chloroform	1.2	< 0.83	< 0.33	< 1.7	< 0.39
Chloromethane	94	< 8.8	< 3.5	< 18	< 4.2
cis-1,2-Dichloroethene	NA	< 0.68	< 0.27	< 1.4	< 0.32
Ethylbenzene	11	< 0.74	**0.59**	< 1.5	**0.62**
m&p-Xylenes	100	**1.5**	**2.2**	< 3.0	**2.4**
Methyl-tert-butylether	110	< 3.1	< 1.2	< 6.3	< 1.4
o-Xylene	100	< 0.74	**0.76**	< 1.5	**0.82**
Tetrachloroethene	42	< 1.2	< 0.46	< 2.4	< 0.54
Toluene	5200	**3.9**	**4.3**	**4.1**	**4.8**
trans-1,2-Dichloroethene	NA	< 3.4	< 1.3	< 6.9	< 1.6
Trichloroethene	2.1	< 0.92	< 0.36	< 1.9	< 0.43
Vinyl chloride	1.7	< 0.22	< 0.086	< 0.45	< 0.10

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID03

Compound	Sub-Slab Screening Levels[1]	Sub-Slab	
		SS-03	
		04/13/2018	01/25/2019
1,1,1-Trichloroethane	173333	< 6.2	< 5.9
1,1,2,2-Tetrachloroethane	16	< 7.8	< 7.5
1,1,2-trichloro-1,2,2-trifluoroethane	NA	< 8.7	< 8.4
1,1,2-Trichloroethane	7	< 6.2	< 5.9
1,1-Dichloroethane	600	< 4.6	< 4.4
1,1-Dichloroethene	7000	< 4.5	< 4.3
1,2,4-Trichlorobenzene	70	< 34	< 32
1,2,4-Trimethylbenzene	2100	< 5.6	< 5.4
1,2-Dibromoethane	1.57	< 8.7	< 8.4
1,2-Dichlorobenzene	7000	< 6.8	< 6.6
1,2-Dichloroethane	36.67	< 4.6	< 4.4
1,2-Dichloropropane	140	< 5.2	< 5.0
1,2-Dichlorotetrafluoroethane	NA	< 7.9	< 7.6
1,3,5-Trimethylbenzene	2100	< 5.6	< 5.4
1,3-Butadiene	31.33	< 2.5	< 2.4
1,3-Dichlorobenzene	NA	< 6.8	< 6.6
1,4-Dichlorobenzene	86.67	< 6.8	< 6.6
1,4-Dioxane	186.67	< 16	< 16
2,2,4-Trimethylpentane	NA	< 5.3	< 5.1
2-Butanone (MEK)	NA	< 13	< 13
4-Ethyltoluene	NA	< 5.6	< 5.4
4-Methyl-2-Pentanone	103333	< 4.6	< 4.5
Acetone	1066667	**42**	< 26
Allyl chloride	33.3	< 14	< 14
Benzene	120	< 3.6	< 3.5
Benzyl Chloride	NA	< 5.8	< 5.6
Bromodichloromethane	25.3	< 7.6	< 7.3
Bromoform	867	< 12	< 11
Bromomethane	173.3	< 44	< 42
Carbon Disulfide	24333	< 14	< 14
Carbon Tetrachloride	156.7	< 7.1	< 6.8
CFC-11	NA	< 6.3	< 6.1
CFC-12	3333	< 5.6	< 5.4
Chlorobenzene	1733	< 5.2	< 5.0
Chlorodibromomethane	NA	< 9.6	< 9.3
Chloroethane	333333	< 12	< 12
Chloroform	40	< 5.5	< 5.3
Chloromethane	3133	< 23	< 22
cis-1,2-Dichloroethene	NA	< 4.5	< 4.3
cis-1,3-Dichloropropene	233	< 5.1	< 4.9
Cyclohexane	210000	< 3.9	< 3.8
Dichloromethane	21000	< 39	< 38
Ethanol	NA	**210**	**28**
Ethylbenzene	367	< 4.9	< 4.7
Hexachloro-1,3-butadiene	43.3	< 48	< 46
Hexane	24333	< 4.0	< 3.8
Isopropyl alcohol	7000	< 11	< 11
Isopropylbenzene	14000	< 5.6	< 5.4
m&p-Xylenes	3333	< 4.9	< 4.7
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 18	< 18
Methyl-tert-butylether	3667	< 16	< 16
n-Heptane	14000	< 4.6	< 4.5
n-Propylbenzene	33333	< 5.6	< 5.4
o-Xylene	3333	< 4.9	< 4.7
Styrene (Monomer)	33333	< 4.8	< 4.6
Tetrachloroethene	1400	< 7.7	< 7.4
Tetrahydrofuran	70000	< 3.3	< 3.2
Toluene	173333	**5.1**	< 4.1
trans-1,2-Dichloroethene	NA	< 4.5	< 4.3
trans-1,3-Dichloropropene	233	< 5.1	< 4.9
Trichloroethene	70	< 6.1	< 5.8
Vinyl chloride	56.7	< 2.9	< 2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED : Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID04

Compound	IDEM Indoor Air Screening Levels	Indoor Air								
		Basement			Crawl Space			First Floor		
		IA-04-B			CS-04			IA-04-F		
		04/12/2018	08/09/2018	01/14/2019	04/12/2018	08/09/2018	01/14/2019	04/12/2018	08/09/2018	01/14/2019
1,1,1-Trichloroethane	5200	< 0.19	< 0.20	< 0.19	< 0.19	< 0.16	< 0.17	< 0.19	< 0.37	< 0.20
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.25	< 0.24	< 0.23	< 0.20	< 0.21	< 0.24	< 0.46	< 0.25
1,1,2-Trichloroethane	0.21	< 0.19	< 0.20	< 0.19	< 0.19	< 0.16	< 0.17	< 0.19	< 0.37	< 0.20
1,1-Dichloroethane	18	< 0.14	< 0.15	< 0.14	< 0.14	< 0.12	< 0.12	< 0.14	< 0.27	< 0.15
1,1-Dichloroethene	210	< 0.068	< 0.072	< 0.070	< 0.068	< 0.059	< 0.061	< 0.070	< 0.13	< 0.073
1,2-Dibromoethane	0.047	< 0.26	< 0.28	< 0.27	< 0.26	< 0.23	< 0.24	< 0.27	< 0.52	< 0.28
1,2-Dichloroethane	1.1	**0.38**	**2.6**	**0.28**	**0.22**	**2.8**	**0.13**	**0.60**	**2.8**	**0.49**
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.25	< 0.25	< 0.24	**0.24**	**1.1**	< 0.25	< 0.47	< 0.26
1,4-Dichlorobenzene	2.6	< 0.20	< 0.22	< 0.21	< 0.20	< 0.18	**0.30**	< 0.21	< 0.41	< 0.22
Benzene	3.6	**0.30**	**0.60**	**0.55**	**0.40**	**1.1**	**0.86**	**0.30**	**0.65**	**0.57**
Carbon Tetrachloride	4.7	**0.45**	**0.46**	**0.55**	**0.44**	**0.40**	**0.76**	**0.43**	**0.44**	**0.56**
CFC-12	100	**2.1**	**2.2**	**2.4**	**2.0**	**2.3**	**2.4**	**2.1**	**2.4**	**2.4**
Chloroethane	10000	< 0.22	< 0.24	< 0.23	< 0.22	**2.1**	< 0.20	< 0.23	< 0.44	< 0.24
Chloroform	1.2	**0.39**	**0.36**	< 0.17	< 0.17	**0.38**	< 0.15	**0.20**	**0.34**	< 0.18
Chloromethane	94	< 1.8	< 1.9	< 1.8	< 1.8	< 1.5	< 1.6	< 1.8	< 3.5	< 1.9
cis-1,2-Dichloroethene	NL	< 0.14	< 0.14	< 0.14	< 0.14	< 0.12	< 0.12	< 0.14	< 0.27	< 0.14
Ethylbenzene	11	< 0.15	**0.56**	< 0.15	**0.16**	**0.57**	< 0.13	< 0.15	**0.43**	< 0.16
m&p-Xylenes	100	**0.45**	**1.6**	< 0.31	**0.57**	**2.0**	**0.28**	**0.46**	**1.3**	< 0.32
Methyl-tert-butylether	110	< 0.62	< 0.65	< 0.64	< 0.62	< 0.54	< 0.56	< 0.63	< 1.2	< 0.66
o-Xylene	100	**0.18**	**0.66**	< 0.15	**0.25**	**0.85**	< 0.13	**0.19**	**0.55**	< 0.16
Tetrachloroethene	42	< 0.23	**0.45**	< 0.24	< 0.23	**0.37**	< 0.21	< 0.24	< 0.46	< 0.25
Toluene	5200	**0.79**	**7.8**	**0.65**	**1.1**	**9.7**	**0.68**	**0.96**	**2.8**	**0.73**
trans-1,2-Dichloroethene	NL	< 0.68	< 0.72	< 0.70	< 0.68	< 0.59	< 0.61	< 0.70	< 1.3	< 0.73
Trichloroethene	2.1	< 0.18	< 0.19	< 0.19	< 0.18	< 0.16	< 0.17	< 0.19	< 0.36	< 0.20
Vinyl chloride	1.7	< 0.044	< 0.046	< 0.046	< 0.044	**0.60**	**0.44**	< 0.045	< 0.086	< 0.047

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded cell indicated screening level exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID04

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-04		
		04/13/2018	08/10/2018	01/15/2019
1,1,1-Trichloroethane	173333	< 6.5	< 6.6	< 5.9
1,1,2,2-Tetrachloroethane	16	< 8.2	< 8.3	< 7.4
1,1,2-trichloro-1,2,2-trifluoroetha	NL	< 9.1	< 9.3	< 8.3
1,1,2-Trichloroethane	7	< 6.5	< 6.6	< 5.9
1,1-Dichloroethane	600	< 4.8	< 4.9	< 4.4
1,1-Dichloroethene	7000	< 4.7	< 4.8	< 4.3
1,2,4-Trichlorobenzene	70	< 35	< 36	< 32
1,2,4-Trimethylbenzene	2100	< 5.8	< 5.9	< 5.3
1,2-Dibromoethane	1.57	< 9.1	< 9.3	< 8.3
1,2-Dichlorobenzene	7000	< 7.2	< 7.3	< 6.5
1,2-Dichloroethane	36.67	< 4.8	< 4.9	< 4.4
1,2-Dichloropropane	140	< 5.5	< 5.6	< 5.0
1,2-Dichlorotetrafluoroethane	NL	< 8.3	< 8.4	< 7.6
1,3,5-Trimethylbenzene	2100	< 5.8	< 5.9	< 5.3
1,3-Butadiene	31.33	< 2.6	< 2.7	< 2.4
1,3-Dichlorobenzene	NL	< 7.2	< 7.3	< 6.5
1,4-Dichlorobenzene	86.67	< 7.2	< 7.3	< 6.5
1,4-Dioxane	186.67	< 17	< 17	< 16
2,2,4-Trimethylpentane	NL	< 5.6	**42**	< 5.0
2-Butanone (MEK)	NL	< 14	< 14	< 13
4-Ethyltoluene	NL	< 5.8	< 5.9	< 5.3
4-Methyl-2-Pentanone	103333	< 4.9	< 5.0	< 4.4
Acetone	1066667	< 28	< 29	< 26
Allyl chloride	33.3	< 15	< 15 J	< 14
Benzene	120	< 3.8	< 3.9	< 3.4
Benzyl Chloride	NL	< 6.2	< 6.3	< 5.6
Bromodichloromethane	25.3	< 8.0	< 8.1	< 7.2
Bromoform	867	< 12	< 12	< 11
Bromomethane	173.3	< 46	< 47	< 42
Carbon Disulfide	24333	< 15	< 15 J	< 13
Carbon Tetrachloride	156.7	< 7.5	< 7.6	< 6.8
CFC-11	NL	< 6.7	< 6.8	< 6.1
CFC-12	3333	< 5.9	< 6.0	< 5.3
Chlorobenzene	1733	< 5.5	< 5.6	< 5.0
Chlorodibromomethane	NL	< 10	< 10	< 9.2
Chloroethane	333333	< 12	< 13	< 11
Chloroform	40	< 5.8	< 5.9	< 5.3
Chloromethane	3133	< 24	< 25	< 22
cis-1,2-Dichloroethene	NL	< 4.7	< 4.8	< 4.3
cis-1,3-Dichloropropene	233	< 5.4	< 5.5	< 4.9
Cyclohexane	210000	< 4.1	< 4.2	< 3.7
Dichloromethane	21000	< 41	< 42	< 38
Ethanol	NL	**29**	**18**	**12**
Ethylbenzene	367	< 5.2	< 5.2	< 4.7
Hexachloro-1,3-butadiene	43.3	< 51	< 52	< 46
Hexane	24333	< 4.2	< 4.3	< 3.8
Isopropyl alcohol	7000	**12 J**	< 12	< 11
Isopropylbenzene	14000	< 5.8	< 5.9	< 5.3
m&p-Xylenes	3333	< 5.2	**37**	< 4.7
Methyl N-Butyl Ketone (2-Hexan	1033	< 19	< 20	< 18
Methyl-tert-butylether	3667	< 17	< 17	< 16
n-Heptane	14000	**8.5**	< 5.0	< 4.4
n-Propylbenzene	33333	< 5.8	< 5.9	< 5.3
o-Xylene	3333	< 5.2	**15**	< 4.7
Styrene (Monomer)	33333	< 5.1	< 5.2	< 4.6
Tetrachloroethene	1400	< 8.1	**8.5**	< 7.3
Tetrahydrofuran	70000	< 3.5	< 3.6	< 3.2
Toluene	173333	**22**	**40**	< 4.1
trans-1,2-Dichloroethene	NL	< 4.7	< 4.8	< 4.3
trans-1,3-Dichloropropene	233	< 5.4	< 5.5	< 4.9
Trichloroethene	70	< 6.4	< 6.5	< 5.8
Vinyl chloride	56.7	< 3.0	< 3.1	< 2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas.
Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters
† : Sub-slab screening levels are based on the default attenuation factor of 0.03.
ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
SHADED Shaded Cell Indicates Screening Level Exceedance
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID05

Compound	IDEM Indoor Air Screening Levels	Indoor Air						
		Basement				First Floor		
		IA-05-B				IA-05-F		
		04/09/2018	08/06/2018	01/22/2019	01/22/2019 (Duplicate)	04/09/2018	08/06/2018	01/22/2019
1,1,1-Trichloroethane	5200	**0.63**	**1.8**	**0.56**	**0.57**	< 0.19	**1.2**	**0.21**
1,1,2,2-Tetrachloroethane	0.48	< 0.24	< 1.1	< 0.21	< 0.23	< 0.24	< 0.76	< 0.23
1,1,2-Trichloroethane	0.21	< 0.19	< 0.90	< 0.17	< 0.19	< 0.19	< 0.60	< 0.18
1,1-Dichloroethane	18	< 0.14	< 0.67	< 0.12	< 0.14	< 0.14	< 0.45	< 0.14
1,1-Dichloroethene	210	< 0.069	< 0.33	< 0.061	< 0.068	< 0.070	< 0.22	< 0.067
1,2-Dibromoethane	0.047	< 0.27	< 1.3	< 0.24	< 0.26	< 0.27	< 0.85	< 0.26
1,2-Dichloroethane	1.1	< 0.14	< 0.67	< 0.12	< 0.14	< 0.14	< 0.45	< 0.14
1,2-Dichlorotetrafluoroethane	NA	< 0.24	< 1.2	< 0.22	< 0.24	< 0.25	< 0.77	< 0.23
1,4-Dichlorobenzene	2.6	**2.2**	**14**	**1.1**	**1.1**	**3.8**	**15**	**1.6**
Benzene	3.6	**0.43**	< 1.3	**0.57**	**0.58**	**0.48**	< 0.88	**0.68**
Carbon Tetrachloride	4.7	**0.50**	**2.0**	**0.56**	**0.60**	**0.53**	**2.3**	**0.70**
CFC-12	100	**2.0**	**2.5**	**2.4**	**2.6**	**2.0**	**2.4**	**2.5**
Chloroethane	10000	< 0.23	< 1.1	< 0.20	< 0.22	< 0.23	< 0.73	< 0.22
Chloroform	1.2	**0.45**	**1.7**	**0.27**	**0.26**	**0.43**	**1.7**	**0.32**
Chloromethane	94	< 1.8	< 8.6 J	< 1.6	< 1.8	< 1.8	< 5.7 J	< 1.7
cis-1,2-Dichloroethene	NA	< 0.14	< 0.66	< 0.12	< 0.14	< 0.14	< 0.44	< 0.13
Ethylbenzene	11	**0.16**	**0.94**	**0.25**	**0.27**	**0.18**	**0.70**	**0.21**
m&p-Xylenes	100	**0.41**	**2.8**	**0.81**	**0.86**	**0.49**	**2.0**	**0.64**
Methyl-tert-butylether	110	< 0.63	< 3.0	< 0.56	< 0.62	< 0.64	< 2.0	< 0.60
o-Xylene	100	**0.18**	**1.0**	**0.31**	**0.34**	**0.23**	**0.78**	**0.23**
Tetrachloroethene	42	< 0.24	< 1.1	< 0.21	< 0.23	< 0.24	< 0.75	< 0.23
Toluene	5200	**5.1**	**16**	**4.3**	**4.4**	**2.7**	**11**	**2.4**
trans-1,2-Dichloroethene	NA	< 0.69	< 3.3	< 0.61	< 0.68	< 0.70	< 2.2	< 0.67
Trichloroethene	2.1	< 0.19	< 0.89	< 0.17	< 0.18	< 0.19	< 0.59	< 0.18
Vinyl chloride	1.7	< 0.044	< 0.21	< 0.040	< 0.044	< 0.046	< 0.14	< 0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID05

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-05		
		04/10/2018	08/20/2018	01/23/2019
1,1,1-Trichloroethane	173333	< 5.6	< 6.5	< 6.0
1,1,2,2-Tetrachloroethane	16	< 7.0	< 8.2	< 7.5
1,1,2-trichloro-1,2,2-trifluoroethane	NA	< 7.8	< 9.1	< 8.4
1,1,2-Trichloroethane	7	< 5.6	< 6.5	< 6.0
1,1-Dichloroethane	600	< 4.1	< 4.8	< 4.4
1,1-Dichloroethene	7000	< 4.0	< 4.7	< 4.3
1,2,4-Trichlorobenzene	70	< 30	< 35	< 32
1,2,4-Trimethylbenzene	2100	< 5.0	< 5.8	< 5.4
1,2-Dibromoethane	1.57	< 7.8	< 9.1	< 8.4
1,2-Dichlorobenzene	7000	< 6.1	< 7.2	< 6.6
1,2-Dichloroethane	36.67	< 4.1	< 4.8	< 4.4
1,2-Dichloropropane	140	< 4.7	< 5.5	< 5.1
1,2-Dichlorotetrafluoroethane	NA	< 7.1	< 8.3	< 7.6
1,3,5-Trimethylbenzene	2100	< 5.0	< 5.8	< 5.4
1,3-Butadiene	31.33	< 2.2	< 2.6	< 2.4
1,3-Dichlorobenzene	NA	< 6.1	< 7.2	< 6.6
1,4-Dichlorobenzene	86.67	< 6.1	< 7.2	< 6.6
1,4-Dioxane	186.67	< 15	< 17	< 16
2,2,4-Trimethylpentane	NA	< 4.8	**6.5**	< 5.1
2-Butanone (MEK)	NA	< 12	< 14	< 13
4-Ethyltoluene	NA	< 5.0	< 5.8	< 5.4
4-Methyl-2-Pentanone	103333	< 4.2	< 4.9	< 4.5
Acetone	1066667	< 24	< 28	< 26
Allyl chloride	33.3	< 13	< 15	< 14
Benzene	120	< 3.2	< 3.8	< 3.5
Benzyl Chloride	NA	< 5.3	< 6.2	< 5.7
Bromodichloromethane	25.3	< 6.8	< 8.0	< 7.3
Bromoform	867	< 10	< 12	< 11
Bromomethane	173.3	< 40	< 46	< 42
Carbon Disulfide	24333	< 13	< 15	< 14
Carbon Tetrachloride	156.7	< 6.4	< 7.5	< 6.9
CFC-11	NA	< 5.7	< 6.7	< 6.2
CFC-12	3333	< 5.0	< 5.9	< 5.4
Chlorobenzene	1733	< 4.7	< 5.5	< 5.0
Chlorodibromomethane	NA	< 8.7	< 10	< 9.3
Chloroethane	333333	< 11	< 12	< 12
Chloroform	40	< 5.0	< 5.8	< 5.3
Chloromethane	3133	< 21	< 24	< 23
cis-1,2-Dichloroethene	NA	< 4.0	< 4.7	< 4.3
cis-1,3-Dichloropropene	233	< 4.6	< 5.4	< 5.0
Cyclohexane	210000	< 3.5	< 4.1	< 3.8
Dichloromethane	21000	< 35	< 41	< 38
Ethanol	NA	**21**	**13**	**50**
Ethylbenzene	367	< 4.4	< 5.2	< 4.8
Hexachloro-1,3-butadiene	43.3	< 44	< 51	< 47
Hexane	24333	< 3.6	< 4.2	< 3.8
Isopropyl alcohol	7000	**11**	< 12	< 11
Isopropylbenzene	14000	< 5.0	< 5.8	< 5.4
m&p-Xylenes	3333	< 4.4	**15**	< 4.8
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 17	< 19	< 18
Methyl-tert-butylether	3667	< 15	< 17	< 16
n-Heptane	14000	< 4.2	**4.8 J**	< 4.5
n-Propylbenzene	33333	< 5.0	< 5.8	< 5.4
o-Xylene	3333	< 4.4	**5.4**	< 4.8
Styrene (Monomer)	33333	< 4.3	< 5.1	< 4.7
Tetrachloroethene	1400	< 6.9	< 8.1	< 7.4
Tetrahydrofuran	70000	< 3.0	**4.4**	< 3.2
Toluene	173333	**6.3**	**19**	< 4.1
trans-1,2-Dichloroethene	NA	< 4.0	< 4.7	< 4.3
trans-1,3-Dichloropropene	233	< 4.6	< 5.4	< 5.0
Trichloroethene	70	< 5.5	< 6.4	< 5.9
Vinyl chloride	56.7	< 2.6	< 3.0	< 2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID06

Compound	IDEM Indoor Air Screening Levels	Indoor Air				
		Basement			First Floor	
		IA-06-B			IA-06-F	
		04/10/2018	08/13/2018	01/14/2019	08/13/2018	01/14/2019
1,1,1-Trichloroethane	5200	< 0.17	**1.3**	< 0.27	**1.3**	< 0.16
1,1,2,2-Tetrachloroethane	0.48	< 0.21	< 0.22	< 0.34	< 0.24	< 0.21
1,1,2-Trichloroethane	0.21	< 0.17	< 0.18	< 0.27	< 0.19	< 0.16
1,1-Dichloroethane	18	< 0.13	< 0.13	< 0.20	< 0.14	< 0.12
1,1-Dichloroethene	210	< 0.062	< 0.065	< 0.097	< 0.070	< 0.060
1,2-Dibromoethane	0.047	< 0.24	< 0.25	< 0.37	< 0.27	< 0.23
1,2-Dichloroethane	1.1	**0.16**	**0.91**	**0.20**	**0.99**	**0.26**
1,2-Dichlorotetrafluoroethane	NL	< 0.22	< 0.23	< 0.34	< 0.25	< 0.21
1,4-Dichlorobenzene	2.6	< 0.19	**0.20**	< 0.29	< 0.21	< 0.18
Benzene	3.6	**0.67**	**0.51**	**0.62**	**0.51**	**0.62**
Carbon Tetrachloride	4.7	**0.44**	**0.54**	**0.55**	**0.51**	**0.62**
CFC-12	100	**2.6**	**7.0**	**3.2**	**4.9**	**3.5**
Chloroethane	10000	< 0.20	< 0.22	< 0.32	< 0.23	< 0.20
Chloroform	1.2	**0.18**	**0.63**	< 0.24	**0.57**	**0.33**
Chloromethane	94	< 1.6	< 1.7	< 2.5	< 1.8	< 1.6
cis-1,2-Dichloroethene	NL	< 0.12	< 0.13	< 0.19	< 0.14	< 0.12
Ethylbenzene	11	**0.40**	**1.0**	< 0.21	**1.0**	**0.20**
m&p-Xylenes	100	**1.0**	**1.9**	< 0.42	**1.8**	**0.39**
Methyl-tert-butylether	110	< 0.56	< 0.59	< 0.88	< 0.64	< 0.54
o-Xylene	100	**0.56**	**0.62**	< 0.21	**0.60**	**0.16**
Tetrachloroethene	42	< 0.21	< 0.22	< 0.33	< 0.24	< 0.20
Toluene	5200	**3.3**	**7.4**	**1.6**	**6.8**	**1.9**
trans-1,2-Dichloroethene	NL	< 0.62	< 0.65	< 0.97	< 0.70	< 0.60
Trichloroethene	2.1	< 0.17	< 0.18	< 0.26	< 0.19	< 0.16
Vinyl chloride	1.7	< 0.040	< 0.042	< 0.062	< 0.045	< 0.038

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID06

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-06		
		04/11/2018	08/14/2018	01/15/2019
1,1,1-Trichloroethane	173333	< 6.3	< 6.4	< 5.8
1,1,2,2-Tetrachloroethane	16	< 7.9	< 8.0	< 7.3
1,1,2-trichloro-1,2,2-trifluoroetha	NL	< 8.8	< 8.9	< 8.2
1,1,2-Trichloroethane	7	< 6.3	< 6.4	< 5.8
1,1-Dichloroethane	600	< 4.6	< 4.7	< 4.3
1,1-Dichloroethene	7000	< 4.6	< 4.6	< 4.2
1,2,4-Trichlorobenzene	70	< 34	< 34	< 32
1,2,4-Trimethylbenzene	2100	< 5.6	< 5.7	< 5.2
1,2-Dibromoethane	1.57	< 8.8	< 9.0	< 8.2
1,2-Dichlorobenzene	7000	< 6.9	< 7.0	< 6.4
1,2-Dichloroethane	36.67	< 4.6	< 4.7	< 4.3
1,2-Dichloropropane	140	< 5.3	< 5.4	< 4.9
1,2-Dichlorotetrafluoroethane	NL	< 8.0	< 8.1	< 7.4
1,3,5-Trimethylbenzene	2100	< 5.6	< 5.7	< 5.2
1,3-Butadiene	31.33	< 2.5	< 2.6	< 2.4
1,3-Dichlorobenzene	NL	< 6.9	< 7.0	< 6.4
1,4-Dichlorobenzene	86.67	< 6.9	< 7.0	< 6.4
1,4-Dioxane	186.67	< 16	< 17	< 15
2,2,4-Trimethylpentane	NL	< 5.4	< 5.4	< 5.0
2-Butanone (MEK)	NL	< 14	< 14	< 12
4-Ethyltoluene	NL	< 5.6	< 5.7	< 5.2
4-Methyl-2-Pentanone	103333	< 4.7	< 4.8	< 4.4
Acetone	1066667	< 27	< 28	< 25
Allyl chloride	33.3	< 14	< 14	< 13
Benzene	120	< 3.7	< 3.7	< 3.4
Benzyl Chloride	NL	< 6.0	< 6.0	< 5.5
Bromodichloromethane	25.3	< 7.7	< 7.8	< 7.1
Bromoform	867	< 12	< 12	< 11
Bromomethane	173.3	< 45	< 45	< 41
Carbon Disulfide	24333	< 14	< 14	< 13
Carbon Tetrachloride	156.7	< 7.2	< 7.3	< 6.7
CFC-11	NL	< 6.5	< 6.5	< 6.0
CFC-12	3333	**6.6**	**7.0**	< 5.3
Chlorobenzene	1733	< 5.3	< 5.4	< 4.9
Chlorodibromomethane	NL	< 9.8	< 9.9	< 9.1
Chloroethane	333333	< 12	< 12	< 11
Chloroform	40	< 5.6	< 5.7	< 5.2
Chloromethane	3133	< 24	< 24	< 22
cis-1,2-Dichloroethene	NL	< 4.6	< 4.6	< 4.2
cis-1,3-Dichloropropene	233	< 5.2	< 5.3	< 4.8
Cyclohexane	210000	< 4.0	< 4.0	< 3.7
Dichloromethane	21000	< 40	< 40	< 37
Ethanol	NL	**27**	**9.6**	**60**
Ethylbenzene	367	< 5.0	< 5.0	< 4.6
Hexachloro-1,3-butadiene	43.3	< 49	< 50	< 45
Hexane	24333	< 4.0	< 4.1	< 3.8
Isopropyl alcohol	7000	< 11	< 11	< 10
Isopropylbenzene	14000	< 5.6	< 5.7	< 5.2
m&p-Xylenes	3333	< 5.0	< 5.0	< 4.6
Methyl N-Butyl Ketone (2-Hexan	1033	< 19	< 19	< 17
Methyl-tert-butylether	3667	< 16	< 17	< 15
n-Heptane	14000	< 4.7	< 4.8	< 4.4
n-Propylbenzene	33333	< 5.6	< 5.7	< 5.2
o-Xylene	3333	< 5.0	< 5.0	< 4.6
Styrene (Monomer)	33333	< 4.9	< 5.0	< 4.5
Tetrachloroethene	1400	< 7.8	< 7.9	< 7.2
Tetrahydrofuran	70000	< 3.4	< 3.4	< 3.1
Toluene	173333	< 4.3	< 4.4	< 4.0
trans-1,2-Dichloroethene	NL	< 4.6	< 4.6	< 4.2
trans-1,3-Dichloropropene	233	< 5.2	< 5.3	< 4.8
Trichloroethene	70	**36**	< 6.3	< 5.7
Vinyl chloride	56.7	< 2.9	< 3.0	< 2.7

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas.
Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID07

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-07-B			IA-07-F		
		04/11/2018	08/21/2018	01/16/2019	04/11/2018	08/21/2018	01/16/2019
1,1,1-Trichloroethane	5200	< 0.18	**0.32**	< 0.18	< 0.21	< 0.22	< 0.38
1,1,2,2-Tetrachloroethane	0.48	< 0.22	< 0.24	< 0.23	< 0.27	< 0.28	< 0.48
1,1,2-Trichloroethane	0.21	< 0.18	< 0.19	< 0.18	< 0.21	< 0.22	< 0.38
1,1-Dichloroethane	18	< 0.13	< 0.14	< 0.13	< 0.16	< 0.17	< 0.28
1,1-Dichloroethene	210	< 0.064	< 0.069	< 0.066	< 0.078	< 0.082	< 0.14
1,2-Dibromoethane	0.047	< 0.25	< 0.27	< 0.26	< 0.30	< 0.32	< 0.53
1,2-Dichloroethane	1.1	**0.20**	**2.6**	**0.93**	**0.32**	**2.1**	**1.1**
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.24	< 0.23	< 0.27	< 0.29	< 0.48
1,4-Dichlorobenzene	2.6	**0.42**	**1.9**	**0.22**	**0.36**	**1.6**	< 0.42
Benzene	3.6	**4.6**	**22**	**0.98**	**6.1**	**29**	**1.1**
Carbon Tetrachloride	4.7	**0.45**	**0.58**	**0.46**	**0.45**	**0.52**	**0.57**
CFC-12	100	**2.0**	**2.1**	**2.3**	**2.0**	**2.0**	**2.7**
Chloroethane	10000	< 0.21	< 0.23	< 0.22	< 0.26	< 0.27	< 0.46
Chloroform	1.2	**0.37**	< 0.17	**0.61**	**0.42**	< 0.20	**0.99**
Chloromethane	94	< 1.7	**2.4**	< 1.7	< 2.0	**2.2**	< 3.6
cis-1,2-Dichloroethene	NL	< 0.13	< 0.14	< 0.13	< 0.16	< 0.16	< 0.27
Ethylbenzene	11	**5.2**	**11**	**1.1**	**6.7**	**13**	**1.3**
m&p-Xylenes	100	**21**	**46**	**3.1**	**28**	**57**	**3.9**
Methyl-tert-butylether	110	< 0.58	< 0.63	< 0.60	< 0.71	< 0.74	< 1.2
o-Xylene	100	**6.6**	**13**	**1.2**	**8.6**	**15**	**1.6**
Tetrachloroethene	42	< 0.22	< 0.24	< 0.22	< 0.26	< 0.28	< 0.47
Toluene	5200	**50**	**110**	**7.2**	**64**	**150**	**10**
trans-1,2-Dichloroethene	NL	< 0.64	< 0.69	< 0.66	< 0.78	< 0.82	< 1.4
Trichloroethene	2.1	< 0.17	< 0.19	< 0.18	< 0.21	< 0.22	< 0.37
Vinyl chloride	1.7	< 0.041	< 0.045	< 0.042	< 0.050	< 0.053	< 0.088

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID07

Compound	Sub-Slab Screening Levels[1]	Sub-Slab				
		SS-07				
		04/12/2018	08/22/2018	8/22/2018 (Duplicate)	01/16/2019	1/16/2019 (Duplicate)
1,1,1-Trichloroethane	173333	< 6.2	< 5.6	< 6.4	< 5.7	< 5.8
1,1,2,2-Tetrachloroethane	16	< 7.8	< 7.0	< 8.1	< 7.2	< 7.3
1,1,2-trichloro-1,2,2-trifluoroetha	NL	< 8.7	< 7.8	< 9.0	< 8.0	< 8.2
1,1,2-Trichloroethane	7	< 6.2	< 5.6	< 6.4	< 5.7	< 5.8
1,1-Dichloroethane	600	< 4.6	< 4.1	< 4.8	< 4.2	< 4.3
1,1-Dichloroethene	7000	< 4.5	< 4.1	< 4.6	< 4.1	< 4.2
1,2,4-Trichlorobenzene	70	< 34	< 30	< 35	< 31	< 32
1,2,4-Trimethylbenzene	2100	< 5.6	< 5.0	< 5.8	< 5.1	< 5.2
1,2-Dibromoethane	1.57	< 8.8	< 7.9	< 9.0	< 8.0	< 8.2
1,2-Dichlorobenzene	7000	< 6.8	< 6.2	< 7.1	< 6.3	< 6.4
1,2-Dichloroethane	36.67	< 4.6	< 4.1	< 4.8	< 4.2	< 4.3
1,2-Dichloropropane	140	< 5.3	< 4.7	< 5.4	< 4.8	< 4.9
1,2-Dichlorotetrafluoroethane	NL	< 8.0	< 7.2	< 8.2	< 7.3	< 7.4
1,3,5-Trimethylbenzene	2100	< 5.6	< 5.0	< 5.8	< 5.1	< 5.2
1,3-Butadiene	31.33	< 2.5	< 2.3	< 2.6	< 2.3	< 2.4
1,3-Dichlorobenzene	NL	< 6.8	< 6.2	< 7.1	< 6.3	< 6.4
1,4-Dichlorobenzene	86.67	< 6.8	< 6.2	< 7.1	< 6.3	< 6.4
1,4-Dioxane	186.67	< 16	< 15	< 17	< 15	< 15
2,2,4-Trimethylpentane	NL	< 5.3	< 4.8	< 5.5	< 4.9	< 5.0
2-Butanone (MEK)	NL	< 13	< 12	< 14	< 12	< 12
4-Ethyltoluene	NL	< 5.6	< 5.0	< 5.8	< 5.1	< 5.2
4-Methyl-2-Pentanone	103333	< 4.7	< 4.2	< 4.8	< 4.3	< 4.4
Acetone	1066667	**95**	< 24	< 28	< 25	< 25
Allyl chloride	33.3	< 14	< 13	< 15	< 13	< 13
Benzene	120	< 3.6	< 3.3	< 3.8	< 3.3	< 3.4
Benzyl Chloride	NL	< 5.9	< 5.3	< 6.1	< 5.4	< 5.5
Bromodichloromethane	25.3	< 7.6	< 6.9	< 7.9	< 7.0	< 7.1
Bromoform	867	< 12	< 10	< 12	< 11	< 11
Bromomethane	173.3	< 44	< 40	< 46	< 40	< 41
Carbon Disulfide	24333	< 14	< 13	< 15	< 13	< 13
Carbon Tetrachloride	156.7	< 7.2	< 6.4	< 7.4	< 6.6	< 6.7
CFC-11	NL	< 6.4	< 5.8	< 6.6	< 5.9	< 6.0
CFC-12	3333	< 5.6	< 5.1	< 5.8	< 5.2	< 5.3
Chlorobenzene	1733	< 5.2	< 4.7	< 5.4	< 4.8	< 4.9
Chlorodibromomethane	NL	< 9.7	< 8.7	< 10	< 8.9	< 9.1
Chloroethane	333333	< 12	< 11	< 12	< 11	< 11
Chloroform	40	< 5.6	< 5.0	< 5.7	< 5.1	< 5.2
Chloromethane	3133	< 24	< 21	< 24	< 22	< 22
cis-1,2-Dichloroethene	NL	< 4.5	< 4.1	< 4.6	< 4.1	< 4.2
cis-1,3-Dichloropropene	233	< 5.2	< 4.6	< 5.3	< 4.7	< 4.8
Cyclohexane	210000	< 3.9	< 3.5	< 4.0	< 3.6	< 3.7
Dichloromethane	21000	< 40	< 36	< 41	< 36	< 37
Ethanol	NL	**84**	**8.5**	< 8.8	**15**	**19**
Ethylbenzene	367	< 4.9	< 4.4	< 5.1	< 4.5	< 4.6
Hexachloro-1,3-butadiene	43.3	< 49	< 44	< 50	< 44	< 45
Hexane	24333	< 4.0	< 3.6	< 4.1	< 3.7	< 3.8
Isopropyl alcohol	7000	< 11	< 10	< 12	< 10	< 10
Isopropylbenzene	14000	< 5.6	< 5.0	< 5.8	< 5.1	< 5.2
m&p-Xylenes	3333	< 5.0	< 4.4	< 5.1	< 4.5	< 4.6
Methyl N-Butyl Ketone (2-Hexan	1033	< 19	< 17	< 19	< 17	< 17
Methyl-tert-butylether	3667	< 16	< 15	< 17	< 15	< 15
n-Heptane	14000	< 4.7	< 4.2	< 4.8	< 4.3	< 4.4
n-Propylbenzene	33333	< 5.6	< 5.0	< 5.8	< 5.1	< 5.2
o-Xylene	3333	< 5.0	< 4.4	< 5.1	< 4.5	< 4.6
Styrene (Monomer)	33333	< 4.8	< 4.4	< 5.0	< 4.4	< 4.5
Tetrachloroethene	1400	< 7.7	< 7.0	< 8.0	< 7.1	< 7.2
Tetrahydrofuran	70000	< 3.4	< 3.0	< 3.5	< 3.1	< 3.1
Toluene	173333	< 4.3	< 3.9	< 4.4	< 3.9	< 4.0
trans-1,2-Dichloroethene	NL	< 4.5	< 4.1	< 4.6	< 4.1	< 4.2
trans-1,3-Dichloropropene	233	< 5.2	< 4.6	< 5.3	< 4.7	< 4.8
Trichloroethene	70	< 6.1	< 5.5	< 6.3	< 5.6	< 5.7
Vinyl chloride	56.7	< 2.9	< 2.6	< 3.0	< 2.7	< 2.7

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas.
Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID08

Analyte	Commercial Screening Level	Indoor Air		
		First Floor		
		IA-08-F		
		04/12/2018	08/14/2018	01/22/2019
1,1,1-Trichloroethane	22000	< 1.8	< 0.18	< 0.18
1,1,2,2-Tetrachloroethane	2.1	< 2.2	< 0.23	< 0.22
1,1,2-Trichloroethane	0.88	< 1.8	< 0.18	< 0.18
1,1-Dichloroethane	77	< 1.3	< 0.14	< 0.13
1,1-Dichloroethene	880	< 0.65	< 0.066	< 0.064
1,2-Dibromoethane	0.2	< 2.5	< 0.26	< 0.25
1,2-Dichloroethane	4.7	**4.2**	**3.3**	**1.5**
1,2-Dichlorotetrafluoroethane	NL	< 2.3	< 0.23	< 0.22
1,4-Dichlorobenzene	11	< 2.0	< 0.20	< 0.19
Benzene	16	< 2.6	**0.57**	**0.64**
Carbon Tetrachloride	20	< 2.1	**0.54**	**0.98**
CFC-12	440	**2.1**	**2.0**	**2.0**
Chloroethane	44000	< 2.2	< 0.22	< 0.21
Chloroform	5.3	**6.2**	**1.9**	**2.5**
Chloromethane	390	< 17	< 1.7	< 1.7
cis-1,2-Dichloroethene	NL	< 1.3	< 0.13	< 0.13
Ethylbenzene	49	**1.4 J**	**0.78**	**0.52**
m&p-Xylenes	440	**4.0**	**1.6**	**0.94**
Methyl-tert-butylether	180	< 5.9	< 0.60	< 0.58
o-Xylene	440	**1.8**	**0.71**	**0.51**
Tetrachloroethene	180	< 2.2	< 0.23	< 0.22
Toluene	22000	**14**	**6.8**	**5.1**
trans-1,2-Dichloroethene	NL	< 6.5	< 0.66	< 0.64
Trichloroethene	8.8	< 1.8	< 0.18	< 0.17
Vinyl chloride	28	< 0.42	< 0.043	< 0.041

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for ommercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID08

Analyte	Sub-Slab Screening Level	Sub-Slab		
		SS-08		
		04/13/2018	08/15/2018	01/22/2019
1,1,1-Trichloroethane	733333	< 6.8	< 13	< 5.7
1,1,2,2-Tetrachloroethane	70	< 8.5	< 16	< 7.1
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 9.5	< 18	< 8.0
1,1,2-Trichloroethane	29	< 6.8	< 13	< 5.7
1,1-Dichloroethane	2567	< 5.0	< 9.6	< 4.2
1,1-Dichloroethene	29333	< 4.9	< 9.4	< 4.1
1,2,4-Trichlorobenzene	293	< 37	< 70	< 31
1,2,4-Trimethylbenzene	8667	< 6.1	< 12	< 5.1
1,2-Dibromoethane	7	< 9.5	< 18	< 8.0
1,2-Dichlorobenzene	29333	< 7.4	< 14	< 6.2
1,2-Dichloroethane	157	**6.9**	< 9.6	< 4.2
1,2-Dichloropropane	600	< 5.7	< 11	< 4.8
1,2-Dichlorotetrafluoroethane	NL	< 8.7	< 17	< 7.3
1,3,5-Trimethylbenzene	8667	< 6.1	< 12	< 5.1
1,3-Butadiene	31.33	< 2.7	< 5.2	< 2.3
1,3-Dichlorobenzene	NL	< 7.4	< 14	< 6.2
1,4-Dichlorobenzene	367	< 7.4	< 14	< 6.2
1,4-Dioxane	833	< 18	< 34	< 15
2,2,4-Trimethylpentane	NL	< 5.8	< 11	< 4.8
2-Butanone (MEK)	NL	< 15	< 28	< 12
4-Ethyltoluene	NL	< 6.1	< 12	< 5.1
4-Methyl-2-Pentanone	433333	< 5.1	< 9.7	< 4.3
Acetone	4666667	**110**	**65**	**27**
Allyl chloride	33.3	< 16	< 30	< 13
Benzene	533	< 4.0	< 7.6	< 3.3
Benzyl Chloride	NL	< 6.4	< 12	< 5.4
Bromodichloromethane	110	< 8.3	< 16	< 7.0
Bromoform	3667	< 13	< 24	< 11
Bromomethane	13000	< 48	< 92	< 40
Carbon Disulfide	103333	< 15	< 30	< 13
Carbon Tetrachloride	667	< 7.8	< 15	< 6.5
CFC-11	NL	< 7.0	< 13	< 5.8
CFC-12	14667	< 6.1	< 12	< 5.1
Chlorobenzene	7333	< 5.7	< 11	< 4.8
Chlorodibromomethane	NL	< 10	< 20	< 8.8
Chloroethane	1466667	< 13	< 25	< 11
Chloroform	177	**12**	**24**	**12**
Chloromethane	13000	< 26	< 49	< 21
cis-1,2-Dichloroethene	NL	< 4.9	< 9.4	< 4.1
cis-1,3-Dichloropropene	1033	< 5.6	< 11	< 4.7
Cyclohexane	866667	< 4.3	< 8.2	< 3.6
Dichloromethane	86667	< 43	< 82	< 36
Ethanol	NL	**220**	**50**	**44**
Ethylbenzene	1633	**300**	**29**	**6.8**
Hexachloro-1,3-butadiene	187	< 53	< 100	< 44
Hexane	103333	< 4.4	< 8.4	< 3.7
Isopropyl alcohol	29222	**56**	**98**	**13**
Isopropylbenzene	14000	< 6.1	< 12	< 5.1
m&p-Xylenes	14667	**5.4**	**10**	< 4.5
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 20	< 39	< 17
Methyl-tert-butylether	6000	< 18	< 34	< 15
n-Heptane	14000	< 5.1	< 9.7	< 4.3
n-Propylbenzene	33333	< 6.1	< 12	< 5.1
o-Xylene	14667	< 5.4	< 10	< 4.5
Styrene (Monomer)	146667	**140**	< 10	< 4.4
Tetrachloroethene	6000	< 8.4	< 16	< 7.0
Tetrahydrofuran	293333	< 3.6	< 7.0	< 3.1
Toluene	733333	**9.6**	**9.3**	**12**
trans-1,2-Dichloroethene	NL	< 4.9	< 9.4	< 4.1
trans-1,3-Dichloropropene	1033	< 5.6	< 11	< 4.7
Trichloroethene	293	< 6.7	< 13	< 5.6
Vinyl chloride	933	< 3.2	< 6.1	< 2.6

Notes:

* : Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years. Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID09

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-09-B			IA-09-F		
		04/12/2018	08/14/2018	01/22/2019	04/12/2018	08/14/2018	01/22/2019
1,1,1-Trichloroethane	5200	< 0.20	< 0.17	< 0.18	< 0.17	< 0.16	< 0.16
1,1,2,2-Tetrachloroethane	0.48	< 0.25	< 0.22	< 0.22	< 0.21	< 0.20	< 0.20
1,1,2-Trichloroethane	0.21	< 0.20	< 0.17	< 0.18	< 0.17	< 0.16	< 0.16
1,1-Dichloroethane	18	< 0.15	< 0.13	< 0.13	< 0.12	< 0.12	< 0.12
1,1-Dichloroethene	210	< 0.072	< 0.063	< 0.064	< 0.061	< 0.057	< 0.059
1,2-Dibromoethane	0.047	< 0.28	< 0.24	< 0.25	< 0.24	< 0.22	< 0.23
1,2-Dichloroethane	1.1	< 0.15	< 0.13	< 0.13	< 0.12	**0.20**	< 0.12
1,2-Dichlorotetrafluoroethane	NL	< 0.26	< 0.22	< 0.23	< 0.22	< 0.20	< 0.21
1,4-Dichlorobenzene	2.6	< 0.22	< 0.19	< 0.19	< 0.19	< 0.17	< 0.18
Benzene	3.6	< 0.29	**0.53**	**0.54**	**0.29**	**0.56**	**0.54**
Carbon Tetrachloride	4.7	**0.40**	**0.46**	**0.60**	**0.42**	**0.52**	**0.61**
CFC-12	100	**2.1**	**2.0**	**2.1**	**2.2**	**2.2**	**2.1**
Chloroethane	10000	< 0.24	< 0.21	< 0.21	< 0.20	< 0.19	< 0.20
Chloroform	1.2	< 0.18	**0.19**	< 0.16	**0.16**	**0.21**	< 0.14
Chloromethane	94	< 1.9	< 1.6	< 1.7	< 1.6	< 1.5	< 1.5
cis-1,2-Dichloroethene	NL	< 0.14	< 0.12	< 0.13	< 0.12	< 0.11	< 0.12
Ethylbenzene	11	**0.17**	**0.34**	**0.14**	**0.14**	**0.79**	**0.13 J**
m&p-Xylenes	100	**0.55**	**1.0**	**0.38**	**0.41**	**2.2**	**0.36**
Methyl-tert-butylether	110	< 0.66	< 0.57	< 0.58	< 0.56	< 0.52	< 0.54
o-Xylene	100	**0.22**	**0.44**	**0.16**	**0.17**	**1.0**	**0.16**
Tetrachloroethene	42	< 0.25	< 0.21	< 0.22	< 0.21	< 0.20	< 0.20
Toluene	5200	**0.88**	**2.1**	**0.70**	**1.4**	**9.4**	**0.71**
trans-1,2-Dichloroethene	NL	< 0.72	< 0.63	< 0.64	< 0.61	< 0.57	< 0.59
Trichloroethene	2.1	< 0.20	< 0.17	< 0.17	< 0.17	< 0.15	< 0.16
Vinyl chloride	1.7	< 0.047	< 0.040	< 0.041	< 0.040	< 0.037	< 0.038

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID09

Compound	Sub-Slab Screening Levels[1]	Sub-Slab Vapor			
		SS-09			
		04/13/2018	04/13/2018 Duplicate	08/15/2018	01/22/2019
1,1,1-Trichloroethane	173333	< 6.4	< 6.5	< 6.4	< 6.0
1,1,2,2-Tetrachloroethane	16	< 8.0	< 8.2	< 8.0	< 7.6
1,1,2-trichloro-1,2,2-trifluoroetha	NL	< 8.9	< 9.2	< 8.9	< 8.4
1,1,2-Trichloroethane	7	< 6.4	< 6.5	< 6.4	< 6.0
1,1-Dichloroethane	600	< 4.7	< 4.8	< 4.7	< 4.4
1,1-Dichloroethene	7000	< 4.6	< 4.7	< 4.6	< 4.4
1,2,4-Trichlorobenzene	70	< 34	< 35	< 34	< 33
1,2,4-Trimethylbenzene	2100	< 5.7	< 5.9	< 5.7	< 5.4
1,2-Dibromoethane	1.57	< 9.0	< 9.2	< 9.0	< 8.4
1,2-Dichlorobenzene	7000	< 7.0	< 7.2	< 7.0	< 6.6
1,2-Dichloroethane	36.67	< 4.7	< 4.8	< 4.7	< 4.4
1,2-Dichloropropane	140	< 5.4	< 5.5	< 5.4	< 5.1
1,2-Dichlorotetrafluoroethane	NL	< 8.1	< 8.4	< 8.1	< 7.7
1,3,5-Trimethylbenzene	2100	< 5.7	< 5.9	< 5.7	< 5.4
1,3-Butadiene	31.33	< 2.6	< 2.6	< 2.6	< 2.4
1,3-Dichlorobenzene	NL	< 7.0	< 7.2	< 7.0	< 6.6
1,4-Dichlorobenzene	86.67	< 7.0	< 7.2	< 7.0	< 6.6
1,4-Dioxane	186.67	< 17	< 17	< 17	< 16
2,2,4-Trimethylpentane	NL	< 5.4	< 5.6	**36**	< 5.1
2-Butanone (MEK)	NL	< 14	< 14	**77**	< 13
4-Ethyltoluene	NL	< 5.7	< 5.9	< 5.7	< 5.4
4-Methyl-2-Pentanone	103333	< 4.8	< 4.9	**7.8**	< 4.5
Acetone	1066667	< 28	< 28	**410**	< 26
Allyl chloride	33.3	< 14	< 15	< 14	< 14
Benzene	120	< 3.7	< 3.8	< 3.7	< 3.5
Benzyl Chloride	NL	< 6.0	< 6.2	< 6.0	< 5.7
Bromodichloromethane	25.3	< 7.8	< 8.0	< 7.8	< 7.4
Bromoform	867	< 12	< 12	< 12	< 11
Bromomethane	173.3	< 45	< 46	< 45	< 43
Carbon Disulfide	24333	< 14	< 15	< 14	< 14
Carbon Tetrachloride	156.7	< 7.3	< 7.5	< 7.3	< 6.9
CFC-11	NL	< 6.5	< 6.7	< 6.5	< 6.2
CFC-12	3333	< 5.8	< 5.9	< 5.8	< 5.4
Chlorobenzene	1733	< 5.4	< 5.5	< 5.4	< 5.1
Chlorodibromomethane	NL	< 9.9	< 10	< 9.9	< 9.4
Chloroethane	333333	< 12	< 13	< 12	< 12
Chloroform	40	< 5.7	< 5.8	< 5.7	< 5.4
Chloromethane	3133	< 24	< 25	< 24	< 23
cis-1,2-Dichloroethene	NL	< 4.6	< 4.7	< 4.6	< 4.4
cis-1,3-Dichloropropene	233	< 5.3	< 5.4	< 5.3	< 5.0
Cyclohexane	210000	< 4.0	< 4.1	**12**	< 3.8
Dichloromethane	21000	< 40	< 42	< 40	< 38
Ethanol	NL	< 8.8	< 9.0	**37**	**26**
Ethylbenzene	367	< 5.0	< 5.2	< 5.0	< 4.8
Hexachloro-1,3-butadiene	43.3	< 50	< 51	< 50	< 47
Hexane	24333	< 4.1	< 4.2	**17**	< 3.9
Isopropyl alcohol	7000	< 11	**47**	**98**	< 11
Isopropylbenzene	14000	< 5.7	< 5.9	< 5.7	< 5.4
m&p-Xylenes	3333	< 5.0	< 5.2	**12**	< 4.8
Methyl N-Butyl Ketone (2-Hexan	1033	< 19	< 20	< 19	< 18
Methyl-tert-butylether	3667	< 17	< 17	**20**	< 16
n-Heptane	14000	< 4.8	< 4.9	**13**	< 4.5
n-Propylbenzene	33333	< 5.7	< 5.9	< 5.7	< 5.4
o-Xylene	3333	< 5.0	< 5.2	**12**	< 4.8
Styrene (Monomer)	33333	< 5.0	< 5.1	< 5.0	< 4.7
Tetrachloroethene	1400	< 7.9	< 8.1	< 7.9	< 7.5
Tetrahydrofuran	70000	< 3.4	< 3.5	< 3.4	< 3.2
Toluene	173333	< 4.4	< 4.5	**26**	**6.2**
trans-1,2-Dichloroethene	NL	< 4.6	< 4.7	< 4.6	< 4.4
trans-1,3-Dichloropropene	233	< 5.3	< 5.4	< 5.3	< 5.0
Trichloroethene	70	**27**	**29**	**16**	**10**
Vinyl chloride	56.7	< 3.0	< 3.0	< 3.0	< 2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID10

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-10-B			IA-10-F		
		04/12/2018	08/22/2018	01/18/2019	04/12/2018	08/22/2018	01/18/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.19	< 0.20	< 0.18	< 0.22	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.22	< 0.24	< 0.25	< 0.23	< 0.28	< 0.23
1,1,2-Trichloroethane	0.21	< 0.18	< 0.19	< 0.20	< 0.18	< 0.22	< 0.18
1,1-Dichloroethane	18	< 0.13	< 0.14	< 0.15	< 0.14	< 0.16	< 0.13
1,1-Dichloroethene	210	< 0.064	< 0.070	< 0.072	< 0.067	< 0.081	< 0.066
1,2-Dibromoethane	0.047	< 0.25	< 0.27	< 0.28	< 0.26	< 0.31	< 0.26
1,2-Dichloroethane	1.1	< 0.13	< 0.14	< 0.15	< 0.14	< 0.16	**0.15**
1,2-Dichlorotetrafluoroethane	NL	< 0.22	< 0.25	< 0.26	< 0.23	< 0.28	< 0.23
1,4-Dichlorobenzene	2.6	< 0.19	< 0.21	< 0.22	< 0.20	< 0.24	< 0.20
Benzene	3.6	**0.38**	**1.3**	**0.64**	**0.53**	**3.2**	**1.2**
Carbon Tetrachloride	4.7	**0.44**	**0.52**	**0.45**	**0.43**	**0.49**	**0.48**
CFC-12	100	**10**	**6.2**	**2.6**	**2.4**	**3.7**	**2.6**
Chloroethane	10000	< 0.21	< 0.23	< 0.24	< 0.22	< 0.27	< 0.22
Chloroform	1.2	< 0.16	< 0.17	< 0.18	< 0.16	< 0.20	< 0.16
Chloromethane	94	< 1.7	< 1.8	< 1.9	< 1.7	**4.8**	**2.1**
cis-1,2-Dichloroethene	NL	< 0.13	< 0.14	< 0.14	< 0.13	< 0.16	< 0.13
Ethylbenzene	11	**0.35**	**0.26**	**0.20**	**0.20**	**0.55**	**0.35**
m&p-Xylenes	100	**1.3**	**0.64**	**0.62**	**0.73**	**1.3**	**1.2**
Methyl-tert-butylether	110	< 0.58	< 0.64	< 0.66	< 0.60	< 0.74	< 0.60
o-Xylene	100	**0.64**	**0.23**	**0.23**	**0.24**	**0.38**	**0.33**
Tetrachloroethene	42	< 0.22	**0.73**	< 0.25	< 0.23	**1.4**	< 0.22
Toluene	5200	**1.8**	**2.6**	**1.4**	**1.3**	**5.9**	**2.0**
trans-1,2-Dichloroethene	NL	< 0.64	< 0.70	< 0.72	< 0.67	< 0.81	< 0.66
Trichloroethene	2.1	< 0.17	< 0.19	< 0.20	< 0.18	< 0.22	**0.24**
Vinyl chloride	1.7	< 0.041	< 0.046	< 0.047	< 0.043	< 0.052	< 0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID10

Compound	Sub-Slab Screening Levels †	Sub-Slab SS-10 4/13/2018
1,1,1-Trichloroethane	173,333	<6.2
1,1,2,2-Tetrachloroethane	16	<7.9
1,1,2-Trichloroethane	7	<6.2
1,1-Dichloroethane	600	<4.6
1,1-Dichloroethene	7,000	<4.5
1,2,4-Trichlorobenzene	70	<34
1,2,4-Trimethylbenzene	2,100	<5.6
1,2-Dibromoethane (EDB)	1.57	<8.8
1,2-Dichlorobenzene	7,000	<6.9
1,2-Dichloroethane	36.67	<4.6
1,2-Dichloropropane	140	<5.3
1,3,5-Trimethylbenzene	2,100	<5.6
1,3-Butadiene	31.33	<2.5
1,3-Dichlorobenzene	NL	<6.9
1,4-Dichlorobenzene	86.67	<6.9
1,4-Dioxane	186.67	<16
2,2,4-Trimethylpentane	NL	<5.3
2-Butanone (Methyl Ethyl Ketone)	173,333	<14
2-Hexanone	1,033	<19
2-Propanol (Isopropanol)	7,000	<11
3-Chloropropene	33.3	<14
4-Ethyltoluene	NL	<5.6
4-Methyl-2-pentanone	103,333	<4.7
Acetone	1,066,667	**46**
alpha-Chlorotoluene	NL	<5.9
Benzene	120	<3.6
Bromodichloromethane	25.3	<7.7
Bromoform	867	<12
Bromomethane	173.3	<44
Carbon Disulfide	24,333	<11
Carbon Tetrachloride	156.7	<7.2
Chlorobenzene	1,733	<5.3
Chloroethane	333,333	<12
Chloroform	40	<5.6
Chloromethane	3,133	<24
cis-1,2-Dichloroethene	NL	<4.5
cis-1,3-Dichloropropene	233	<5.2
Cumene	14,000	<5.6
Cyclohexane	210,000	<3.9
Dibromochloromethane	NL	<9.8
Ethanol	NL	**32**
Ethyl Benzene	367	<5.0
Freon 11 (Trichlorofluoromethane)	NL	<6.4
Freon 113 (Trichlorotrifluoroethane)	NL	<8.8
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.0
Freon 12 (Dichlorodifluoromethane)	3,333	<5.7
Heptane	14,000	<4.7
Hexachlorobutadiene	43.3	<49
Hexane	24,333	<4.0
m,p-Xylene	3,333	<5.0
Methyl tert-butyl ether	3,667	<16
Methylene Chloride	21,000	<40
o-Xylene	3,333	<5.0
Propylbenzene	33,333	<5.6
Styrene	33,333	<4.9
Tetrachloroethene	1,400	**7.8**
Tetrahydrofuran	70,000	<3.4
Toluene	173,333	<4.3
trans-1,2-Dichloroethene	NL	<4.5
trans-1,3-Dichloropropene	233	<5.2
Trichloroethene	70	**130**
Vinyl Chloride	56.7	<2.9

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID11

Compound	IDEM Indoor Air Screening Levels	Indoor Air		
		First Floor	First Floor	First Floor
		IA-11-F	IA-11-F	IA-11-F
		04/19/2018	08/20/2018	01/17/2019
1,1,1-Trichloroethane	22000	< 0.18	< 0.18	< 0.20
1,1,2,2-Tetrachloroethane	2.1	< 0.23	< 0.23	< 0.26
1,1,2-Trichloroethane	0.88	< 0.18	< 0.18	**0.50**
1,1-Dichloroethane	77	< 0.14	< 0.14	< 0.15
1,1-Dichloroethene	880	< 0.066	< 0.067	< 0.074
1,2-Dibromoethane	0.2	< 0.26	< 0.26	< 0.29
1,2-Dichloroethane	4.7	< 0.14	< 0.14	< 0.15
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.24	< 0.26
1,4-Dichlorobenzene	11	< 0.20	**0.29**	< 0.23
Benzene	16	**0.77**	**0.82**	**1.6**
Carbon Tetrachloride	20	**0.44**	**0.45**	**0.40**
CFC-12	440	**9.7**	**20**	**8.9**
Chloroethane	44000	< 0.22	< 0.22	< 0.25
Chloroform	5.3	**0.20**	**0.40**	**0.21**
Chloromethane	390	< 1.7	< 1.7	< 1.9
cis-1,2-Dichloroethene	NL	< 0.13	< 0.13	< 0.15
Ethylbenzene	49	**0.68**	**2.7**	**1.4**
m&p-Xylenes	440	**2.4**	**12**	**5.5**
Methyl-tert-butylether	180	< 0.60	< 0.61	< 0.68
o-Xylene	440	**0.91**	**5.1**	**2.6**
Tetrachloroethene	180	< 0.23	**0.51**	< 0.26
Toluene	22000	**3.1**	**6.1**	**6.4**
trans-1,2-Dichloroethene	NL	< 0.66	< 0.67	< 0.74
Trichloroethene	8.8	< 0.18	< 0.18	< 0.20
Vinyl chloride	28	< 0.043	< 0.043	< 0.048

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for commercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID11

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-11	SS-11	SS-11
		04/20/2018	08/21/2018	01/16/2019
1,1,1-Trichloroethane	733333	< 6.4	< 6.6	< 6.2
1,1,2,2-Tetrachloroethane	70	< 8.0	< 8.3	< 7.9
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 9.0	< 9.2	< 8.8
1,1,2-Trichloroethane	29	< 6.4	< 6.6	< 6.2
1,1-Dichloroethane	2567	< 4.7	< 4.9	< 4.6
1,1-Dichloroethene	29333	< 4.6	< 4.8	< 4.5
1,2,4-Trichlorobenzene	293	< 35	< 36	< 34
1,2,4-Trimethylbenzene	8667	< 5.8	< 5.9	< 5.6
1,2-Dibromoethane	7	< 9.0	< 9.2	< 8.8
1,2-Dichlorobenzene	29333	< 7.0	< 7.2	< 6.9
1,2-Dichloroethane	157	< 4.7	< 4.9	< 4.6
1,2-Dichloropropane	600	< 5.4	< 5.6	< 5.3
1,2-Dichlorotetrafluoroethane	NL	< 8.2	< 8.4	< 8.0
1,3,5-Trimethylbenzene	8667	< 5.8	< 5.9	< 5.6
1,3-Butadiene	31.33	< 2.6	< 2.7	< 2.5
1,3-Dichlorobenzene	NL	< 7.0	< 7.2	< 6.9
1,4-Dichlorobenzene	367	< 7.0	< 7.2	< 6.9
1,4-Dioxane	833	< 17	< 17	< 16
2,2,4-Trimethylpentane	NL	< 5.5	< 5.6	< 5.3
2-Butanone (MEK)	NL	**14**	< 14	< 14
4-Ethyltoluene	NL	< 5.8	< 5.9	< 5.6
4-Methyl-2-Pentanone	433333	< 4.8	< 4.9	< 4.7
Acetone	4666667	< 28	< 29	< 27
Allyl chloride	33.3	< 15	< 15	< 14
Benzene	533	< 3.7	< 3.8	< 3.6
Benzyl Chloride	NL	< 6.0	< 6.2	< 5.9
Bromodichloromethane	110	< 7.8	< 8.1	< 7.7
Bromoform	3667	< 12	< 12	< 12
Bromomethane	13000	< 45	< 47	< 44
Carbon Disulfide	103333	< 14	< 15	< 14
Carbon Tetrachloride	667	< 7.4	< 7.6	< 7.2
CFC-11	NL	< 6.6	**10**	< 6.4
CFC-12	14667	**530**	**1300**	**600**
Chlorobenzene	7333	< 5.4	< 5.5	< 5.3
Chlorodibromomethane	NL	< 10	< 10	< 9.8
Chloroethane	1466667	< 12	< 13	< 12
Chloroform	177	< 5.7	< 5.9	< 5.6
Chloromethane	13000	< 24	< 25	< 24
cis-1,2-Dichloroethene	NL	< 4.6	< 4.8	< 4.5
cis-1,3-Dichloropropene	1033	< 5.3	< 5.5	< 5.2
Cyclohexane	866667	< 4.0	< 4.1	< 3.9
Dichloromethane	86667	< 41	< 42	< 40
Ethanol	NL	**160**	< 9.1	**120**
Ethylbenzene	1633	< 5.1	< 5.2	< 5.0
Hexachloro-1,3-butadiene	187	< 50	< 51	< 49
Hexane	103333	< 4.1	< 4.2	< 4.0
Isopropyl alcohol	29222	< 12	< 12	< 11
Isopropylbenzene	14000	< 5.8	< 5.9	< 5.6
m&p-Xylenes	14667	< 5.1	< 5.2	< 5.0
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 19	< 20	< 19
Methyl-tert-butylether	6000	< 17	< 17	< 16
n-Heptane	14000	< 4.8	< 4.9	< 4.7
n-Propylbenzene	33333	< 5.8	< 5.9	< 5.6
o-Xylene	14667	< 5.1	< 5.2	< 5.0
Styrene (Monomer)	146667	< 5.0	< 5.1	< 4.9
Tetrachloroethene	6000	< 7.9	< 8.2	< 7.8
Tetrahydrofuran	293333	< 3.4	< 3.6	< 3.4
Toluene	733333	< 4.4	< 4.5	< 4.3
trans-1,2-Dichloroethene	NL	< 4.6	< 4.8	< 4.5
trans-1,3-Dichloropropene	1033	< 5.3	< 5.5	< 5.2
Trichloroethene	293	< 6.3	< 6.5	< 6.2
Vinyl chloride	933	< 3.0	< 3.1	< 2.9

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID12

Compound	IDEM Indoor Air Screening Levels	Indoor Air						
		Basement				First Floor		
		IA-12-B				IA-12-F		
		04/19/2018	08/20/2018	01/16/2019	01/16/2019	04/19/2018	08/20/2018	01/16/2019
		N	N	FD	N	N	N	N
1,1,1-Trichloroethane	5200	< 0.16	< 0.15	< 0.19	< 0.18	< 0.18	< 0.20	< 0.17
1,1,2,2-Tetrachloroethane	0.48	< 0.21	< 0.19	< 0.24	< 0.23	< 0.22	< 0.25	< 0.21
1,1,2-Trichloroethane	0.21	< 0.16	< 0.15	< 0.19	< 0.18	< 0.18	< 0.20	< 0.17
1,1-Dichloroethane	18	< 0.12	< 0.11	< 0.14	< 0.13	< 0.13	< 0.15	< 0.13
1,1-Dichloroethene	210	< 0.060	< 0.055	< 0.069	< 0.065	< 0.064	< 0.073	< 0.062
1,2-Dibromoethane	0.047	< 0.23	< 0.21	< 0.27	< 0.25	< 0.25	< 0.28	< 0.24
1,2-Dichloroethane	1.1	< 0.12	< 0.11	< 0.14	< 0.13	< 0.13	**0.15**	< 0.13
1,2-Dichlorotetrafluoroethane	NL	< 0.21	< 0.19	< 0.24	< 0.23	< 0.23	< 0.26	< 0.22
1,4-Dichlorobenzene	2.6	< 0.18	**0.20**	< 0.21	< 0.20	< 0.19	**0.42**	< 0.19
Benzene	3.6	**0.42**	**0.22 J**	**0.46**	**0.50**	**0.42**	**0.48**	**0.52**
Carbon Tetrachloride	4.7	**0.44**	**0.61**	**0.53**	**0.54**	**0.44**	**0.62**	**0.51**
CFC-12	100	**2.1**	**2.5**	**2.8**	**2.6**	**2.1**	**2.3**	**2.7**
Chloroethane	10000	< 0.20	< 0.18	< 0.23	< 0.22	< 0.21	< 0.24	< 0.20
Chloroform	1.2	< 0.15	< 0.13	< 0.17	< 0.16	< 0.16	< 0.18	< 0.15
Chloromethane	94	< 1.6	< 1.4 J	< 1.8	< 1.7	< 1.7	< 1.9	< 1.6
cis-1,2-Dichloroethene	NL	< 0.12	< 0.11	< 0.14	< 0.13	< 0.13	< 0.14	< 0.12
Ethylbenzene	11	**0.21**	< 0.12	< 0.15	< 0.14	**0.20**	< 0.16	**0.20**
m&p-Xylenes	100	**0.75**	**0.34**	**0.41**	**0.44**	**0.68**	**0.32 J**	**0.60**
Methyl-tert-butylether	110	< 0.54	< 0.50	< 0.63	< 0.59	< 0.58	< 0.66	< 0.56
o-Xylene	100	**0.30**	**0.14**	**0.16**	**0.17**	**0.29**	< 0.16	**0.24**
Tetrachloroethene	42	< 0.20	< 0.19	< 0.24	< 0.22	**0.42**	< 0.25	< 0.21
Toluene	5200	**1.4**	**1.3**	**0.88**	**0.90**	**1.2**	**1.6**	**1.1**
trans-1,2-Dichloroethene	NL	< 0.60	< 0.55	< 0.69	< 0.65	< 0.64	< 0.73	< 0.62
Trichloroethene	2.1	< 0.16	< 0.15	< 0.19	< 0.18	< 0.17	< 0.20	< 0.17
Vinyl chloride	1.7	< 0.038	< 0.035	< 0.045	< 0.042	< 0.041	< 0.047	< 0.040

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID12

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-12		
		04/20/2018	08/21/2018	01/16/2019
1,1,1-Trichloroethane	173333	< 6.0	< 6.5	< 6.0
1,1,2,2-Tetrachloroethane	16	< 7.6	< 8.2	< 7.6
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 8.5	< 9.2	< 8.4
1,1,2-Trichloroethane	7	< 6.0	< 6.5	< 6.0
1,1-Dichloroethane	600	< 4.5	< 4.8	< 4.4
1,1-Dichloroethene	7000	< 4.4	< 4.7	< 4.4
1,2,4-Trichlorobenzene	70	< 33	< 35	< 33
1,2,4-Trimethylbenzene	2100	< 5.4	< 5.9	< 5.4
1,2-Dibromoethane	1.57	< 8.5	< 9.2	< 8.4
1,2-Dichlorobenzene	7000	< 6.7	< 7.2	< 6.6
1,2-Dichloroethane	36.67	< 4.5	< 4.8	< 4.4
1,2-Dichloropropane	140	< 5.1	< 5.5	< 5.1
1,2-Dichlorotetrafluoroethane	NL	< 7.8	< 8.4	< 7.7
1,3,5-Trimethylbenzene	2100	< 5.4	< 5.9	< 5.4
1,3-Butadiene	31.33	< 2.4	< 2.6	< 2.4
1,3-Dichlorobenzene	NL	< 6.7	< 7.2	< 6.6
1,4-Dichlorobenzene	86.67	< 6.7	< 7.2	< 6.6
1,4-Dioxane	186.67	< 16	< 17	< 16
2,2,4-Trimethylpentane	NL	< 5.2	< 5.6	< 5.1
2-Butanone (MEK)	NL	< 13	< 14	< 13
4-Ethyltoluene	NL	< 5.4	< 5.9	< 5.4
4-Methyl-2-Pentanone	103333	< 4.5	< 4.9	< 4.5
Acetone	1066667	**60**	**29**	**31**
Allyl chloride	33.3	< 14	< 15	< 14
Benzene	120	< 3.5	< 3.8	< 3.5
Benzyl Chloride	NL	< 5.7	< 6.2	< 5.7
Bromodichloromethane	25.3	< 7.4	< 8.0	< 7.4
Bromoform	867	< 11	< 12	< 11
Bromomethane	173.3	< 43	< 46	< 43
Carbon Disulfide	24333	< 14	< 15	< 14
Carbon Tetrachloride	156.7	< 7.0	< 7.5	< 6.9
CFC-11	NL	< 6.2	< 6.7	< 6.2
CFC-12	3333	**28**	**31**	**46**
Chlorobenzene	1733	< 5.1	< 5.5	< 5.1
Chlorodibromomethane	NL	< 9.4	< 10	< 9.4
Chloroethane	333333	< 12	< 13	< 12
Chloroform	40	< 5.4	< 5.8	< 5.4
Chloromethane	3133	< 23	< 25	< 23
cis-1,2-Dichloroethene	NL	< 4.4	< 4.7	< 4.4
cis-1,3-Dichloropropene	233	< 5.0	< 5.4	< 5.0
Cyclohexane	210000	< 3.8	< 4.1	< 3.8
Dichloromethane	21000	< 38	< 42	< 38
Ethanol	NL	**22**	**10**	**16**
Ethylbenzene	367	< 4.8	< 5.2	< 4.8
Hexachloro-1,3-butadiene	43.3	< 47	< 51	< 47
Hexane	24333	< 3.9	< 4.2	**5.0**
Isopropyl alcohol	7000	< 11	< 12	< 11
Isopropylbenzene	14000	< 5.4	< 5.9	< 5.4
m&p-Xylenes	3333	< 4.8	**6.4**	< 4.8
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 18	< 20	< 18
Methyl-tert-butylether	3667	< 16	< 17	< 16
n-Heptane	14000	< 4.5	< 4.9	< 4.5
n-Propylbenzene	33333	< 5.4	< 5.9	< 5.4
o-Xylene	3333	< 4.8	< 5.2	< 4.8
Styrene (Monomer)	33333	< 4.7	< 5.1	< 4.7
Tetrachloroethene	1400	< 7.5	**8.2**	< 7.5
Tetrahydrofuran	70000	< 3.3	< 3.5	< 3.2
Toluene	173333	**4.9**	< 4.5	< 4.1
trans-1,2-Dichloroethene	NL	< 4.4	< 4.7	< 4.4
trans-1,3-Dichloropropene	233	< 5.0	< 5.4	< 5.0
Trichloroethene	70	**79**	**19**	**12**
Vinyl chloride	56.7	< 2.8	< 3.0	< 2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected analyte

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID13

Compound	IDEM Indoor Air Screening Levels	Indoor Air								
		Basement			Crawl Space			First Floor		
		IA-13-B			CS-13			IA-13-F		
		04/19/2018	08/20/2018	01/16/2019	04/19/2018	08/20/2018	01/16/2019	04/19/2018	08/20/2018	01/16/2019
1,1,1-Trichloroethane	5200	< 0.18	**0.25**	< 0.19	< 0.17	< 0.19	< 0.17	< 0.17	< 0.20	< 0.19
1,1,2,2-Tetrachloroethane	0.48	< 0.22	< 0.23	< 0.24	< 0.21	< 0.24	< 0.22	< 0.21	< 0.26	< 0.23
1,1,2-Trichloroethane	0.21	< 0.18	< 0.18	< 0.19	< 0.17	< 0.19	< 0.17	< 0.17	< 0.20	< 0.19
1,1-Dichloroethane	18	< 0.13	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12	< 0.15	< 0.14
1,1-Dichloroethene	210	< 0.064	< 0.066	< 0.070	< 0.061	< 0.068	< 0.063	< 0.061	< 0.074	< 0.068
1,2-Dibromoethane	0.047	< 0.25	< 0.26	< 0.27	< 0.24	< 0.26	< 0.24	< 0.24	< 0.29	< 0.26
1,2-Dichloroethane	1.1	< 0.13	< 0.14	**0.17**	< 0.12	< 0.14	**0.33**	< 0.12	< 0.15	< 0.14
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.23	< 0.25	< 0.22	< 0.24	< 0.22	< 0.22	< 0.26	< 0.24
1,4-Dichlorobenzene	2.6	< 0.19	**0.37**	< 0.21	< 0.19	< 0.21	< 0.19	< 0.19	< 0.22	< 0.20
Benzene	3.6	**0.60**	**0.65**	**0.60**	**0.50**	**0.52**	**0.65**	**0.60**	**0.53**	**0.71**
Carbon Tetrachloride	4.7	**0.39**	**0.82**	**0.51**	**0.38**	**0.56**	**1.9**	**0.44**	**0.59**	**0.51**
CFC-12	100	**2.4**	**2.3**	**2.8**	**2.4**	**2.2**	**2.6**	**2.6**	**2.2**	**2.7**
Chloroethane	10000	< 0.21	< 0.22	< 0.23	< 0.20	< 0.23	< 0.21	< 0.20	< 0.25	< 0.22
Chloroform	1.2	< 0.16	**0.16**	< 0.17	< 0.15	< 0.17	< 0.16	< 0.15	< 0.18	< 0.17
Chloromethane	94	< 1.7	< 1.7	< 1.8	< 1.6	< 1.8	< 1.6	**1.6**	< 1.9	< 1.8
cis-1,2-Dichloroethene	NL	< 0.13	< 0.13	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12	< 0.15	< 0.14
Ethylbenzene	11	**0.25**	**0.29**	**0.25**	**0.31**	**0.15**	**0.17**	**0.27**	**0.16**	**0.23**
m&p-Xylenes	100	**0.87**	**0.64**	**0.76**	**0.97**	**0.33**	**0.52**	**0.92**	**0.38**	**0.73**
Methyl-tert-butylether	110	< 0.58	< 0.60	< 0.64	< 0.56	< 0.62	< 0.57	< 0.56	< 0.67	< 0.62
o-Xylene	100	**0.38**	**0.28**	**0.32**	**0.36**	< 0.15	**0.18**	**0.42**	< 0.16	**0.27**
Tetrachloroethene	42	< 0.22	< 0.23	< 0.24	< 0.21	< 0.23	< 0.22	< 0.21	< 0.25	< 0.23
Toluene	5200	**1.2**	**2.9**	**1.2**	**1.5**	**0.75**	**0.98**	**1.6**	**1.0**	**1.1**
trans-1,2-Dichloroethene	NL	< 0.64	< 0.66	< 0.70	< 0.61	< 0.68	< 0.63	< 0.61	< 0.74	< 0.68
Trichloroethene	2.1	< 0.17	< 0.18	< 0.19	< 0.17	< 0.18	< 0.17	< 0.17	< 0.20	< 0.18
Vinyl chloride	1.7	< 0.041	< 0.043	< 0.046	< 0.040	< 0.044	< 0.041	< 0.040	< 0.048	< 0.044

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID13

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-13		
		04/20/2018	08/21/2018	01/16/2019
1,1,1-Trichloroethane	173333	< 6.1	< 6.4	< 5.9
1,1,2,2-Tetrachloroethane	16	< 7.7	< 8.0	< 7.4
1,1,2-trichloro-1,2,2-trifluoroetha	NL	< 8.6	< 8.9	< 8.3
1,1,2-Trichloroethane	7	< 6.1	< 6.4	< 5.9
1,1-Dichloroethane	600	< 4.6	< 4.7	< 4.4
1,1-Dichloroethene	7000	< 4.5	< 4.6	< 4.3
1,2,4-Trichlorobenzene	70	< 33	< 34	< 32
1,2,4-Trimethylbenzene	2100	< 5.5	< 5.7	< 5.3
1,2-Dibromoethane	1.57	< 8.6	< 9.0	< 8.3
1,2-Dichlorobenzene	7000	< 6.8	< 7.0	< 6.5
1,2-Dichloroethane	36.67	< 4.6	< 4.7	< 4.4
1,2-Dichloropropane	140	< 5.2	< 5.4	< 5.0
1,2-Dichlorotetrafluoroethane	NL	< 7.9	< 8.1	< 7.6
1,3,5-Trimethylbenzene	2100	< 5.5	< 5.7	< 5.3
1,3-Butadiene	31.33	< 2.5	< 2.6	< 2.4
1,3-Dichlorobenzene	NL	< 6.8	< 7.0	< 6.5
1,4-Dichlorobenzene	86.67	< 6.8	< 7.0	< 6.5
1,4-Dioxane	186.67	< 16	< 17	< 16
2,2,4-Trimethylpentane	NL	< 5.2	< 5.4	< 5.0
2-Butanone (MEK)	NL	< 13	< 14	< 13
4-Ethyltoluene	NL	< 5.5	< 5.7	< 5.3
4-Methyl-2-Pentanone	103333	< 4.6	< 4.8	< 4.4
Acetone	1066667	**76**	**31**	< 26
Allyl chloride	33.3	< 14	< 14	< 14
Benzene	120	< 3.6	< 3.7	< 3.4
Benzyl Chloride	NL	< 5.8	< 6.0	< 5.6
Bromodichloromethane	25.3	< 7.5	< 7.8	< 7.2
Bromoform	867	< 12	< 12	< 11
Bromomethane	173.3	< 44	< 45	< 42
Carbon Disulfide	24333	< 14	< 14	< 13
Carbon Tetrachloride	156.7	< 7.1	< 7.3	< 6.8
CFC-11	NL	< 6.3	< 6.5	< 6.1
CFC-12	3333	**14**	**10**	**10**
Chlorobenzene	1733	< 5.2	< 5.4	< 5.0
Chlorodibromomethane	NL	< 9.6	< 9.9	< 9.2
Chloroethane	333333	< 12	< 12	< 11
Chloroform	40	< 5.5	< 5.7	< 5.3
Chloromethane	3133	< 23	< 24	< 22
cis-1,2-Dichloroethene	NL	< 4.5	< 4.6	< 4.3
cis-1,3-Dichloropropene	233	< 5.1	< 5.3	< 4.9
Cyclohexane	210000	**3.9**	< 4.0	< 3.7
Dichloromethane	21000	< 39	< 40	< 38
Ethanol	NL	**88**	< 8.8	**12**
Ethylbenzene	367	< 4.9	< 5.0	< 4.7
Hexachloro-1,3-butadiene	43.3	< 48	< 50	< 46
Hexane	24333	**12**	< 4.1	< 3.8
Isopropyl alcohol	7000	**13**	< 11	< 11
Isopropylbenzene	14000	< 5.5	< 5.7	< 5.3
m&p-Xylenes	3333	< 4.9	**5.3**	< 4.7
Methyl N-Butyl Ketone (2-Hexan	1033	< 18	< 19	< 18
Methyl-tert-butylether	3667	< 16	< 17	< 16
n-Heptane	14000	**11**	< 4.8	< 4.4
n-Propylbenzene	33333	< 5.5	< 5.7	< 5.3
o-Xylene	3333	< 4.9	< 5.0	< 4.7
Styrene (Monomer)	33333	< 4.8	< 5.0	< 4.6
Tetrachloroethene	1400	< 7.6	< 7.9	< 7.3
Tetrahydrofuran	70000	< 3.3	< 3.4	< 3.2
Toluene	173333	**24**	< 4.4	< 4.1
trans-1,2-Dichloroethene	NL	< 4.5	< 4.6	< 4.3
trans-1,3-Dichloropropene	233	< 5.1	< 5.3	< 4.9
Trichloroethene	70	**13**	**6.8**	< 5.8
Vinyl chloride	56.7	< 2.9	< 3.0	< 2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas.
Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected analyte

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID14

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-14-B			IA-14-F		
		04/19/2018	08/13/2018	01/30/2019	04/19/2018	08/13/2018	01/30/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.18	< 0.18	< 0.17	< 0.16	< 0.22
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.23	< 0.22	< 0.22	< 0.20	< 0.28
1,1,2-Trichloroethane	0.21	< 0.18	< 0.18	< 0.18	< 0.17	< 0.16	< 0.22
1,1-Dichloroethane	18	< 0.13	< 0.13	< 0.13	< 0.13	< 0.12	< 0.16
1,1-Dichloroethene	210	< 0.066	< 0.066	< 0.064	< 0.063	< 0.057	< 0.080
1,2-Dibromoethane	0.047	< 0.26	< 0.26	< 0.25	< 0.24	< 0.22	< 0.31
1,2-Dichloroethane	1.1	< 0.13	< 0.13	< 0.13	< 0.13	**0.17**	< 0.16
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.23	< 0.22	< 0.22	< 0.20	< 0.28
1,4-Dichlorobenzene	2.6	**0.34**	**1.4**	< 0.19	**0.31**	**1.7**	< 0.24
Benzene	3.6	**0.38**	**0.48**	**0.57**	**0.40**	**0.52**	**0.52**
Carbon Tetrachloride	4.7	**0.52**	**0.45**	**0.54**	**0.42**	**0.49**	**0.45**
CFC-12	100	**2.4**	**2.2**	**2.3**	**2.5**	**2.2**	**2.3**
Chloroethane	10000	< 0.22	< 0.22	< 0.21	< 0.21	< 0.19	< 0.26
Chloroform	1.2	**0.34**	**0.58**	**1.2**	**0.37**	**0.61**	**1.2**
Chloromethane	94	< 1.7	< 1.7	< 1.7	< 1.6	< 1.5	< 2.1
cis-1,2-Dichloroethene	NL	< 0.13	< 0.13	< 0.13	< 0.13	< 0.11	< 0.16
Ethylbenzene	11	**2.8**	**3.2**	**1.6**	**1.1**	**3.2**	**1.2**
m&p-Xylenes	100	**8.1**	**10**	**4.7**	**2.9**	**9.8**	**3.7**
Methyl-tert-butylether	110	< 0.60	< 0.60	< 0.58	< 0.58	< 0.52	< 0.72
o-Xylene	100	**1.7**	**2.6**	**1.1**	**0.64**	**2.7**	**0.89**
Tetrachloroethene	42	**1.4**	**0.54**	**0.42**	**1.7**	**0.62**	**0.54**
Toluene	5200	**7.7**	**7.4**	**5.1**	**4.2**	**6.8**	**4.2**
trans-1,2-Dichloroethene	NL	< 0.66	< 0.66	< 0.64	< 0.63	< 0.57	< 0.80
Trichloroethene	2.1	< 0.18	< 0.18	< 0.17	< 0.17	< 0.16	< 0.22
Vinyl chloride	1.7	< 0.042	< 0.042	< 0.041	< 0.041	< 0.037	< 0.051

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded cells indicate screening level exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID14

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-14		
		04/20/2018	08/14/2018	02/13/2019
1,1,1-Trichloroethane	173333	< 6.4	< 6.6	< 7.5
1,1,2,2-Tetrachloroethane	16	< 8.0	< 8.3	< 9.5
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 9.0	< 9.3	< 10
1,1,2-Trichloroethane	7	< 6.4	< 6.6	< 7.5
1,1-Dichloroethane	600	< 4.7	< 4.9	< 5.6
1,1-Dichloroethene	7000	< 4.6	< 4.8	< 5.5
1,2,4-Trichlorobenzene	70	< 35	< 36	< 41
1,2,4-Trimethylbenzene	2100	< 5.8	< 5.9	< 6.8
1,2-Dibromoethane	1.57	< 9.0	< 9.3	< 11
1,2-Dichlorobenzene	7000	< 7.0	< 7.3	< 8.3
1,2-Dichloroethane	36.67	< 4.7	< 4.9	< 5.6
1,2-Dichloropropane	140	< 5.4	< 5.6	< 6.4
1,2-Dichlorotetrafluoroethane	NL	< 8.2	< 8.4	< 9.6
1,3,5-Trimethylbenzene	2100	< 5.8	< 5.9	< 6.8
1,3-Butadiene	31.33	< 2.6	< 2.7	< 3.0
1,3-Dichlorobenzene	NL	< 7.0	< 7.3	< 8.3
1,4-Dichlorobenzene	86.67	< 7.0	< 7.3	< 8.3
1,4-Dioxane	186.67	< 17	< 17	< 20
2,2,4-Trimethylpentane	NL	< 5.5	**44**	**1400**
2-Butanone (MEK)	NL	< 14	< 14	< 16
4-Ethyltoluene	NL	< 5.8	< 5.9	< 6.8
4-Methyl-2-Pentanone	103333	< 4.8	< 5.0	< 5.6
Acetone	1066667	**30**	< 29	< 33
Allyl chloride	33.3	< 15	< 15	< 17
Benzene	120	< 3.7	< 3.9	< 4.4
Benzyl Chloride	NL	< 6.0	< 6.3	< 7.1
Bromodichloromethane	25.3	< 7.8	< 8.1	< 9.2
Bromoform	867	< 12	< 12	< 14
Bromomethane	173.3	< 45	< 47	< 54
Carbon Disulfide	24333	< 14	< 15	< 17
Carbon Tetrachloride	156.7	< 7.4	< 7.6	< 8.7
CFC-11	NL	< 6.6	< 6.8	< 7.8
CFC-12	3333	< 5.8	< 6.0	< 6.8
Chlorobenzene	1733	< 5.4	< 5.6	< 6.4
Chlorodibromomethane	NL	< 10	< 10	< 12
Chloroethane	333333	< 12	< 13	< 14
Chloroform	40	< 5.7	< 5.9	< 6.7
Chloromethane	3133	< 24	< 25	< 28
cis-1,2-Dichloroethene	NL	< 4.6	< 4.8	< 5.5
cis-1,3-Dichloropropene	233	< 5.3	< 5.5	< 6.3
Cyclohexane	210000	< 4.0	< 4.2	**18**
Dichloromethane	21000	< 41	< 42	< 48
Ethanol	NL	**70**	**15**	**15**
Ethylbenzene	367	< 5.1	< 5.2	< 6.0
Hexachloro-1,3-butadiene	43.3	< 50	< 52	< 59
Hexane	24333	< 4.1	< 4.3	**35**
Isopropyl alcohol	7000	< 12	< 12	< 14
Isopropylbenzene	14000	< 5.8	< 5.9	< 6.8
m&p-Xylenes	3333	< 5.1	**31**	**19**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 19	< 20	< 23
Methyl-tert-butylether	3667	< 17	< 17	< 20
n-Heptane	14000	< 4.8	< 5.0	**24**
n-Propylbenzene	33333	< 5.8	< 5.9	< 6.8
o-Xylene	3333	< 5.1	**11**	**7.5**
Styrene (Monomer)	33333	< 5.0	< 5.2	< 5.9
Tetrachloroethene	1400	**11**	**15**	< 9.4
Tetrahydrofuran	70000	< 3.4	< 3.6	< 4.1
Toluene	173333	< 4.4	**38**	**16**
trans-1,2-Dichloroethene	NL	< 4.6	< 4.8	< 5.5
trans-1,3-Dichloropropene	233	< 5.3	< 5.5	< 6.3
Trichloroethene	70	< 6.3	< 6.5	< 7.4
Vinyl chloride	56.7	< 3.0	< 3.1	< 3.5

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID15

Compound	IDEM Indoor Air Screening Levels	Indoor Air						
		Basement				First Floor		
		IA-15-B				IA-15-F		
		04/19/2018	08/08/2018	08/08/2018 (Duplicate)	01/23/2019	04/19/2018	08/08/2018	01/23/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	< 0.19	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.22	< 0.23	< 0.22	< 0.22	< 0.22	< 0.24	< 0.22
1,1,2-Trichloroethane	0.21	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	< 0.19	< 0.18
1,1-Dichloroethane	18	< 0.13	< 0.14	< 0.13	< 0.13	< 0.13	< 0.14	< 0.13
1,1-Dichloroethene	210	< 0.065	< 0.067	< 0.064	< 0.065	< 0.062	< 0.070	< 0.065
1,2-Dibromoethane	0.047	< 0.25	< 0.26	< 0.25	< 0.25	< 0.24	< 0.27	< 0.25
1,2-Dichloroethane	1.1	**1.4**	**32**	**31**	**0.70**	**1.0**	**25**	**0.65**
1,2-Dichlorotetrafluoroethane	NA	< 0.23	**0.27**	**0.24**	< 0.23	< 0.22	< 0.25	< 0.23
1,4-Dichlorobenzene	2.6	< 0.20	< 0.20	< 0.19	< 0.20	< 0.19	< 0.21	< 0.20
Benzene	3.6	**0.39**	**3.4**	**3.2**	**0.55**	**0.39**	**2.7**	**0.57**
Carbon Tetrachloride	4.7	**0.43**	**0.57**	**0.47**	**0.48**	**0.44**	**0.47**	**0.54**
CFC-12	100	**2.1**	**2.4**	**2.4**	**2.5**	**2.1**	**2.3**	**2.5**
Chloroethane	10000	< 0.22	< 0.22	< 0.21	< 0.22	< 0.21	< 0.23	< 0.22
Chloroform	1.2	< 0.16	**0.57**	**0.57**	**0.30**	< 0.15	**0.56**	**0.29**
Chloromethane	94	< 1.7	< 1.7	< 1.7	< 1.7	< 1.6	< 1.8	< 1.7
cis-1,2-Dichloroethene	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.12	< 0.14	< 0.13
Ethylbenzene	11	**0.68**	**1.2**	**1.1**	**0.16**	**0.49**	**1.1**	**0.15**
m&p-Xylenes	100	**2.5**	**3.8**	**3.4**	**0.52**	**1.7**	**3.3**	**0.43**
Methyl-tert-butylether	110	< 0.59	< 0.60	< 0.58	< 0.59	< 0.57	< 0.64	< 0.59
o-Xylene	100	**0.49**	**0.95**	**0.85**	**0.22**	**0.43**	**0.80**	**0.18**
Tetrachloroethene	42	< 0.22	< 0.23	< 0.22	< 0.22	< 0.21	< 0.24	< 0.22
Toluene	5200	**1.2**	**5.1**	**4.9**	**0.88**	**1.1**	**4.8**	**0.78**
trans-1,2-Dichloroethene	NA	< 0.65	< 0.67	< 0.64	< 0.65	< 0.62	< 0.70	< 0.65
Trichloroethene	2.1	**0.29**	**3.5**	**3.2**	**0.30**	**0.40**	**3.4**	**0.42**
Vinyl chloride	1.7	< 0.042	< 0.043	< 0.041	< 0.042	< 0.040	< 0.046	< 0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID15

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-15		
		04/20/2018	08/09/2018	01/24/2019
1,1,1-Trichloroethane	173333	< 6.0	< 6.4	< 5.9
1,1,2,2-Tetrachloroethane	16	< 7.6	< 8.0	< 7.4
1,1,2-trichloro-1,2,2-trifluoroetha	NA	< 8.5	< 8.9	< 8.3
1,1,2-Trichloroethane	7	< 6.0	< 6.4	< 5.9
1,1-Dichloroethane	600	< 4.5	< 4.7	< 4.4
1,1-Dichloroethene	7000	< 4.4	< 4.6	< 4.3
1,2,4-Trichlorobenzene	70	< 33	< 34	< 32
1,2,4-Trimethylbenzene	2100	< 5.4	< 5.7	< 5.3
1,2-Dibromoethane	1.57	< 8.5	< 9.0	< 8.3
1,2-Dichlorobenzene	7000	< 6.7	< 7.0	< 6.5
1,2-Dichloroethane	36.67	< 4.5	< 4.7	< 4.4
1,2-Dichloropropane	140	< 5.1	< 5.4	< 5.0
1,2-Dichlorotetrafluoroethane	NA	< 7.8	< 8.1	< 7.6
1,3,5-Trimethylbenzene	2100	< 5.4	< 5.7	< 5.3
1,3-Butadiene	31.33	< 2.4	< 2.6	< 2.4
1,3-Dichlorobenzene	NA	< 6.7	< 7.0	< 6.5
1,4-Dichlorobenzene	86.67	< 6.7	< 7.0	< 6.5
1,4-Dioxane	186.67	< 16	< 17	< 16
2,2,4-Trimethylpentane	NA	< 5.2	**43**	< 5.0
2-Butanone (MEK)	NA	< 13	**26**	< 13
4-Ethyltoluene	NA	< 5.4	< 5.7	< 5.3
4-Methyl-2-Pentanone	103333	< 4.5	< 4.8	< 4.4
Acetone	1066667	< 26	**82**	< 26
Allyl chloride	33.3	< 14	< 14	< 14
Benzene	120	< 3.5	< 3.7	< 3.4
Benzyl Chloride	NA	< 5.7	< 6.0	< 5.6
Bromodichloromethane	25.3	< 7.4	< 7.8	< 7.2
Bromoform	867	< 11	< 12	< 11
Bromomethane	173.3	< 43	< 45	< 42
Carbon Disulfide	24333	< 14	< 14	< 13
Carbon Tetrachloride	156.7	< 7.0	< 7.3	< 6.8
CFC-11	NA	< 6.2	< 6.5	< 6.1
CFC-12	3333	< 5.5	< 5.8	< 5.3
Chlorobenzene	1733	< 5.1	< 5.4	< 5.0
Chlorodibromomethane	NA	< 9.4	< 9.9	< 9.2
Chloroethane	333333	< 12	< 12	< 11
Chloroform	40	< 5.4	< 5.7	< 5.3
Chloromethane	3133	< 23	< 24	< 22
cis-1,2-Dichloroethene	NA	< 4.4	< 4.6	< 4.3
cis-1,3-Dichloropropene	233	< 5.0	< 5.3	< 4.9
Cyclohexane	210000	< 3.8	< 4.0	< 3.7
Dichloromethane	21000	< 38	< 40	< 38
Ethanol	NA	**21**	**15**	**26**
Ethylbenzene	367	< 4.8	< 5.0	< 4.7
Hexachloro-1,3-butadiene	43.3	< 47	< 50	< 46
Hexane	24333	< 3.9	< 4.1	< 3.8
Isopropyl alcohol	7000	< 11	< 11	< 11
Isopropylbenzene	14000	< 5.4	< 5.7	< 5.3
m&p-Xylenes	3333	< 4.8	**34**	< 4.7
Methyl N-Butyl Ketone (2-Hexan	1033	< 18	< 19	< 18
Methyl-tert-butylether	3667	< 16	< 17	< 16
n-Heptane	14000	< 4.5	< 4.8	< 4.4
n-Propylbenzene	33333	< 5.4	< 5.7	< 5.3
o-Xylene	3333	< 4.8	**12**	< 4.7
Styrene (Monomer)	33333	< 4.7	< 5.0	< 4.6
Tetrachloroethene	1400	< 7.5	< 7.9	< 7.3
Tetrahydrofuran	70000	< 3.3	< 3.4	< 3.2
Toluene	173333	**5.3**	**40**	< 4.1
trans-1,2-Dichloroethene	NA	< 4.4	< 4.6	< 4.3
trans-1,3-Dichloropropene	233	< 5.0	< 5.3	< 4.9
Trichloroethene	70	< 6.0	< 6.3	< 5.8
Vinyl chloride	56.7	< 2.8	< 3.0	< 2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected analyte

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID16

Compound	IDEM Indoor Air Screening Levels	Indoor Air				
		Basement		First Floor		
		IA-16-B		IA-16-F	Dup-1 (=IA-16B)	IA-16-F
		4/20/2018	8/22/2018	4/20/2018	4/20/2018	8/22/2018
1,1,1-Trichloroethane	5,200	<0.18	<0.19	<0.17	<0.19	<0.16
1,1,2,2-Tetrachloroethane	0.48	<0.22	<0.23	<0.22	<0.24	<0.20
1,1,2-Trichloroethane	0.21	<0.18	<0.19	<0.17	<0.19	<0.16
1,1-Dichloroethane	18	<0.13	<0.14	<0.13	<0.14	<0.12
1,1-Dichloroethene	210	<0.065	<0.068	<0.063	<0.068	<0.057
1,2-Dibromoethane (EDB)	0.047	<0.25	<0.26	<0.24	<0.26	<0.22
1,2-Dichloroethane	1.1	**0.33**	**1.3**	**0.17**	**0.32**	**0.91**
1,4-Dichlorobenzene	2.6	<0.20	<0.20	<0.19	<0.21	<0.17
Benzene	3.6	**0.34**	**0.61**	**0.41**	**0.31**	**0.55**
Carbon Tetrachloride	4.7	**0.46**	**0.54**	**0.49**	**0.45**	**0.54**
Chloroethane	10,000	<0.22	<0.22	<0.21	<0.23	<0.19
Chloroform	1.2	**0.32**	**8.8**	**0.44**	**0.31**	**8.4**
Chloromethane	94	<1.7	<1.8	<1.6	<1.8	<1.5
cis-1,2-Dichloroethene	NL	<0.13	<0.14	<0.13	<0.14	<0.11
Ethyl Benzene	11	**0.15**	**0.42**	**0.2**	**0.15**	**0.40**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.23	<0.24	<0.22	<0.24	<0.20
Freon 12 (Dichlorodifluoromethane)	100	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**
m,p-Xylene	100	**0.46**	**0.85**	**0.54**	**0.46**	**0.80**
Methyl tert-butyl ether	110	<0.59	<0.62	<0.58	<0.62	<0.52
o-Xylene	100	**0.22**	**0.42**	**0.26**	**0.21**	**0.40**
Tetrachloroethene	42	<0.22	**0.63**	<0.22	<0.23	**0.73**
Toluene	5,200	**0.72**	**2.2**	**1.7**	**0.72**	**2.4**
trans-1,2-Dichloroethene	NL	<0.65	<0.68	<0.63	<0.68	<0.57
Trichloroethene	2.1	<0.18	<0.18	<0.17	<0.18	<0.15
Vinyl Chloride	1.7	<0.042	<0.044	<0.041	<0.044	<0.037

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID16

Compound	Sub-Slab Screening Levels †	Sub-Slab	
		SS-16	
		4/16/2018	8/22/2018
1,1,1-Trichloroethane	173,333	**11**	**16**
1,1,2,2-Tetrachloroethane	16	<7.6	<8.3
1,1,2-Trichloroethane	7	<6.0	<6.6
1,1-Dichloroethane	600	<4.4	<4.9
1,1-Dichloroethene	7,000	<4.4	<4.8
1,2,4-Trichlorobenzene	70	<33	<36
1,2,4-Trimethylbenzene	2,100	<5.4	<6.0
1,2-Dibromoethane (EDB)	1.57	<8.4	<9.3
1,2-Dichlorobenzene	7,000	<6.6	<7.3
1,2-Dichloroethane	36.67	<4.4	<4.9
1,2-Dichloropropane	140	<5.1	<5.6
1,3,5-Trimethylbenzene	2,100	<5.4	<6.0
1,3-Butadiene	31.33	<2.4	<2.7
1,3-Dichlorobenzene	NL	<6.6	<7.3
1,4-Dichlorobenzene	86.67	<6.6	<7.3
1,4-Dioxane	186.67	<16	<18
2,2,4-Trimethylpentane	NL	<5.1	<5.7
2-Butanone (Methyl Ethyl Ketone)	173,333	<13	<14
2-Hexanone	1,033	<18	<20
2-Propanol (Isopropanol)	7,000	<11	<12
3-Chloropropene (Allyl Chloride)	33.3	<14	<15
4-Ethyltoluene	NL	<5.4	<6.0
4-Methyl-2-pentanone	103,333	<4.5	<5.0
Acetone	1,066,667	**28**	<29
alpha-Chlorotoluene	NL	<5.7	<6.3
Benzene	120	<3.5	<3.9
Bromodichloromethane	25.3	<7.4	<8.1
Bromoform	867	<11	<12
Bromomethane	173.3	<43	<47
Carbon Disulfide	24,333	<14	<15
Carbon Tetrachloride	156.7	<6.9	<7.6
Chlorobenzene	1,733	<5.1	<5.6
Chloroethane	333,333	<12	<13
Chloroform	40	<5.4	<5.9
Chloromethane	3,133	<23	<25
cis-1,2-Dichloroethene	NL	<4.4	<4.8
cis-1,3-Dichloropropene	233	<5.0	<5.5
Cumene	14,000	<5.4	<6.0
Cyclohexane	210,000	<3.8	<4.2
Dibromochloromethane	NL	<9.4	<10
Ethanol	NL	**18**	**17**
Ethyl Benzene	367	<4.8	<5.3
Freon 11 (Trichlorofluoromethane)	NL	<6.2	<6.8
Freon 113 (Trichlorotrifluoroethane)	NL	<8.4	<9.3
Freon 114 (Dichlorotetrafluoroethane)	NL	<7.7	<8.5
Freon 12 (Dichlorodifluoromethane)	3,333	<5.4	<6.0
Heptane	14,000	<4.5	<5.0
Hexachlorobutadiene	43.3	<47	<52
Hexane	24,333	<3.9	<4.3
m,p-Xylene	3,333	<4.8	<5.3
Methyl tert-butyl ether	3,667	<16	<18
Methylene Chloride	21,000	<38	<42
o-Xylene	3,333	<4.8	<5.3
Propylbenzene	33,333	<5.4	<6.0
Styrene	33,333	<4.7	<5.2
Tetrachloroethene	1,400	<7.5	<8.2
Tetrahydrofuran	70,000	<3.2	<3.6
Toluene	173,333	<4.1	<4.6
trans-1,2-Dichloroethene	NL	<4.4	<4.8
trans-1,3-Dichloropropene	233	<5.0	<5.5
Trichloroethene	70	<5.9	<6.5
Vinyl Chloride	56.7	<2.8	<3.1

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID17

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Crawl Space			First Floor		
		CS-17			IA-17-F		
		04/19/2018	08/21/2018	01/18/2019	04/19/2018	08/07/2018	01/18/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.18	< 0.17	< 0.20	< 0.18	< 1.8
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.23	< 0.22	< 0.26	< 0.22	< 2.2
1,1,2-Trichloroethane	0.21	< 0.18	< 0.18	< 0.17	< 0.20	< 0.18	< 1.8
1,1-Dichloroethane	18	< 0.13	< 0.14	< 0.13	< 0.15	< 0.13	< 1.3
1,1-Dichloroethene	210	< 0.065	< 0.067	< 0.062	< 0.074	< 0.065	< 0.65
1,2-Dibromoethane	0.047	< 0.25	< 0.26	< 0.24	< 0.29	< 0.25	< 2.5
1,2-Dichloroethane	1.1	< 0.13	< 0.14	< 0.13	**0.16**	**0.40**	< 1.3
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.23	< 0.22	< 0.26	< 0.23	< 2.3
1,4-Dichlorobenzene	2.6	< 0.20	< 0.20	< 0.19	< 0.23	**1.1**	< 2.0
Benzene	3.6	**0.34**	**2.7**	**0.53**	**0.40**	**1.0**	< 2.6
Carbon Tetrachloride	4.7	**0.44**	**0.48**	**0.45**	**0.49**	**0.66**	< 2.1
CFC-12	100	**2.5**	**2.1**	**2.3**	**2.5**	**2.5**	**2.8**
Chloroethane	10000	< 0.22	< 0.22	< 0.21	< 0.25	< 0.22	< 2.2
Chloroform	1.2	< 0.16	**0.30**	< 0.15	< 0.18	**0.47**	< 1.6
Chloromethane	94	< 1.7	**2.7**	< 1.6	< 1.9	**2.6**	< 17
cis-1,2-Dichloroethene	NL	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 1.3
Ethylbenzene	11	< 0.14	**0.24**	**0.14**	**0.40**	**1.4**	< 1.4
m&p-Xylenes	100	**0.34**	**0.51**	**0.39**	**0.96**	**2.4**	< 2.8
Methyl-tert-butylether	110	< 0.59	< 0.60	< 0.57	< 0.68	< 0.59	< 5.9
o-Xylene	100	**0.15**	**0.15**	**0.15**	**0.44**	**1.1**	< 1.4
Tetrachloroethene	42	< 0.22	< 0.23	< 0.21	< 0.26	< 0.22	< 2.2
Toluene	5200	**0.70**	**4.2**	**0.58**	**10**	**7.6**	**1.7**
trans-1,2-Dichloroethene	NL	< 0.65	< 0.67	< 0.62	< 0.74	< 0.65	< 6.5
Trichloroethene	2.1	< 0.18	< 0.18	< 0.17	< 0.20	< 0.18	< 1.8
Vinyl chloride	1.7	< 0.042	< 0.043	< 0.040	< 0.048	< 0.042	< 0.42

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID18

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Crawl Space			First Floor		
		CS-18			IA-18-F		
		04/19/2018	08/07/2018	01/18/2019	04/19/2018	08/07/2018	01/18/2019
1,1,1-Trichloroethane	5200	< 0.16	< 0.23	< 0.18	< 0.19	< 0.22	< 0.20
1,1,2,2-Tetrachloroethane	0.48	< 0.20	< 0.29	< 0.23	< 0.24	< 0.28	< 0.25
1,1,2-Trichloroethane	0.21	< 0.16	< 0.23	< 0.18	< 0.19	< 0.22	< 0.20
1,1-Dichloroethane	18	< 0.12	< 0.17	< 0.13	< 0.14	< 0.17	< 0.15
1,1-Dichloroethene	210	< 0.059	< 0.084	< 0.065	< 0.069	< 0.082	< 0.072
1,2-Dibromoethane	0.047	< 0.23	< 0.32	< 0.25	< 0.27	< 0.32	< 0.28
1,2-Dichloroethane	1.1	< 0.12	**0.21**	< 0.13	< 0.14	**0.18**	< 0.15
1,2-Dichlorotetrafluoroethane	NL	< 0.21	< 0.30	< 0.23	< 0.24	< 0.29	< 0.25
1,4-Dichlorobenzene	2.6	< 0.18	< 0.25	< 0.20	< 0.21	**0.30**	< 0.22
Benzene	3.6	**0.30**	**0.44**	**0.50**	**0.34**	**0.46**	**0.60**
Carbon Tetrachloride	4.7	**0.41**	**0.48**	**0.54**	**0.42**	**0.53**	**0.52**
CFC-12	100	**2.5**	**2.5**	**2.6**	**2.4**	**2.4**	**2.6**
Chloroethane	10000	< 0.20	< 0.28	< 0.22	< 0.23	< 0.27	< 0.24
Chloroform	1.2	< 0.14	**0.42**	< 0.16	< 0.17	**0.45**	< 0.18
Chloromethane	94	< 1.5	< 2.2	< 1.7	< 1.8	< 2.1	< 1.9
cis-1,2-Dichloroethene	NL	< 0.12	< 0.17	< 0.13	< 0.14	< 0.16	< 0.14
Ethylbenzene	11	< 0.13	**1.9**	< 0.14	**0.18**	**1.4**	**0.16**
m&p-Xylenes	100	**0.36**	**1.9**	< 0.29	**0.44**	**1.9**	**0.43**
Methyl-tert-butylether	110	< 0.53	< 0.76	< 0.59	< 0.63	< 0.74	< 0.66
o-Xylene	100	**0.15**	**0.89**	< 0.14	**0.20**	**0.91**	**0.19**
Tetrachloroethene	42	< 0.20	< 0.29	< 0.22	< 0.24	< 0.28	< 0.25
Toluene	5200	**0.55**	**4.2**	**0.54**	**0.81**	**3.2**	**1.1**
trans-1,2-Dichloroethene	NL	< 0.59	< 0.84	< 0.65	< 0.69	< 0.82	< 0.72
Trichloroethene	2.1	< 0.16	< 0.23	< 0.18	< 0.19	< 0.22	< 0.20
Vinyl chloride	1.7	< 0.038	< 0.054	< 0.042	< 0.045	< 0.053	< 0.046

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID19

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-19-B			IA-19-F		
		05/08/2018	08/20/2018	01/14/2019	05/08/2018	08/20/2018	01/14/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.19	< 0.18	< 0.20	< 0.16	< 0.35
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.23	< 0.23	< 0.25	< 0.20	< 0.44
1,1,2-Trichloroethane	0.21	< 0.18	< 0.19	< 0.18	< 0.20	< 0.16	< 0.35
1,1-Dichloroethane	18	< 0.14	< 0.14	< 0.13	< 0.15	< 0.12	< 0.26
1,1-Dichloroethene	210	< 0.067	< 0.068	< 0.066	< 0.072	< 0.059	< 0.13
1,2-Dibromoethane	0.047	< 0.26	< 0.26	< 0.26	< 0.28	< 0.23	< 0.49
1,2-Dichloroethane	1.1	< 0.14	**3.6**	**0.26**	< 0.15	**2.7**	**0.29**
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.24	< 0.23	< 0.26	< 0.21	< 0.45
1,4-Dichlorobenzene	2.6	**74**	**0.47**	**120**	**38**	**0.46**	**260**
Benzene	3.6	**0.47**	**0.81**	**0.87**	**0.46**	**0.58**	**1.3**
Carbon Tetrachloride	4.7	**0.44**	**0.62**	**0.54**	**0.42**	**0.53**	**0.58**
CFC-12	100	**2.2**	**2.7**	**2.4**	**2.2**	**2.6**	**2.3**
Chloroethane	10000	< 0.22	< 0.22	< 0.22	< 0.24	< 0.20	< 0.42
Chloroform	1.2	**0.30**	**0.32**	**0.25**	**0.21**	**0.38**	< 0.31
Chloromethane	94	< 1.7	< 1.8 J	**1.7**	< 1.9	< 1.5 J	< 3.3
cis-1,2-Dichloroethene	NL	< 0.13	< 0.14	< 0.13	< 0.14	< 0.12	< 0.26
Ethylbenzene	11	**0.38**	**0.38**	**0.24**	**0.26**	**0.40**	**0.31**
m&p-Xylenes	100	**1.2**	**1.1**	**0.59**	**0.90**	**1.2**	**0.78**
Methyl-tert-butylether	110	< 0.60	< 0.62	< 0.60	< 0.66	< 0.54	< 1.2
o-Xylene	100	**0.44**	**0.44**	**0.26**	**0.35**	**0.41**	< 0.28
Tetrachloroethene	42	< 0.23	**0.50**	< 0.22	< 0.25	**0.86**	< 0.44
Toluene	5200	**1.9**	**2.0**	**2.5**	**1.4**	**2.2**	**3.1**
trans-1,2-Dichloroethene	NL	< 0.67	< 0.68	< 0.66	< 0.72	< 0.59	< 1.3
Trichloroethene	2.1	< 0.18	< 0.18	< 0.18	< 0.20	< 0.16	< 0.35
Vinyl chloride	1.7	< 0.043	< 0.044	< 0.042	< 0.047	< 0.038	< 0.082

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID19

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-19		
		05/09/2018	08/21/2018	01/15/2019
1,1,1-Trichloroethane	173333	< 6.2	< 6.3	< 6.2
1,1,2,2-Tetrachloroethane	16	< 7.8	< 8.0	< 7.9
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 8.7	< 8.9	< 8.8
1,1,2-Trichloroethane	7	< 6.2	< 6.3	< 6.2
1,1-Dichloroethane	600	< 4.6	< 4.7	< 4.6
1,1-Dichloroethene	7000	< 4.5	< 4.6	< 4.5
1,2,4-Trichlorobenzene	70	< 34	< 34	< 34
1,2,4-Trimethylbenzene	2100	< 5.6	< 5.7	< 5.6
1,2-Dibromoethane	1.57	< 8.7	< 8.9	< 8.8
1,2-Dichlorobenzene	7000	< 6.8	< 7.0	< 6.9
1,2-Dichloroethane	36.67	< 4.6	< 4.7	< 4.6
1,2-Dichloropropane	140	< 5.2	< 5.4	< 5.3
1,2-Dichlorotetrafluoroethane	NL	< 7.9	< 8.1	< 8.0
1,3,5-Trimethylbenzene	2100	< 5.6	< 5.7	< 5.6
1,3-Butadiene	31.33	< 2.5	< 2.6	< 2.5
1,3-Dichlorobenzene	NL	< 6.8	< 7.0	< 6.9
1,4-Dichlorobenzene	86.67	< 6.8	< 7.0	< 6.9
1,4-Dioxane	186.67	< 16	< 17	< 16
2,2,4-Trimethylpentane	NL	**29**	< 5.4	< 5.3
2-Butanone (MEK)	NL	< 13	< 14	< 14
4-Ethyltoluene	NL	< 5.6	< 5.7	< 5.6
4-Methyl-2-Pentanone	103333	< 4.6	< 4.8	< 4.7
Acetone	1066667	**36**	**35**	**35**
Allyl chloride	33.3	< 14	< 14	< 14
Benzene	120	< 3.6	< 3.7	< 3.6
Benzyl Chloride	NL	< 5.8	< 6.0	< 5.9
Bromodichloromethane	25.3	< 7.6	< 7.8	< 7.7
Bromoform	867	< 12	< 12	< 12
Bromomethane	173.3	< 44	< 45	< 44
Carbon Disulfide	24333	< 14	< 14	< 14
Carbon Tetrachloride	156.7	< 7.1	< 7.3	< 7.2
CFC-11	NL	< 6.3	< 6.5	< 6.4
CFC-12	3333	< 5.6	< 5.7	< 5.7
Chlorobenzene	1733	< 5.2	< 5.3	< 5.3
Chlorodibromomethane	NL	< 9.6	< 9.9	< 9.8
Chloroethane	333333	< 12	< 12	< 12
Chloroform	40	< 5.5	< 5.7	< 5.6
Chloromethane	3133	< 23	< 24	< 24
cis-1,2-Dichloroethene	NL	< 4.5	< 4.6	< 4.5
cis-1,3-Dichloropropene	233	< 5.1	< 5.3	< 5.2
Cyclohexane	210000	< 3.9	< 4.0	< 3.9
Dichloromethane	21000	< 39	< 40	< 40
Ethanol	NL	**64**	**21**	**140**
Ethylbenzene	367	< 4.9	< 5.0	< 5.0
Hexachloro-1,3-butadiene	43.3	< 48	< 49	< 49
Hexane	24333	< 4.0	< 4.1	< 4.0
Isopropyl alcohol	7000	< 11	< 11	< 11
Isopropylbenzene	14000	< 5.6	< 5.7	< 5.6
m&p-Xylenes	3333	**22**	< 5.0	< 5.0
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 18	< 19	< 19
Methyl-tert-butylether	3667	< 16	< 17	< 16
n-Heptane	14000	< 4.6	< 4.8	< 4.7
n-Propylbenzene	33333	< 5.6	< 5.7	< 5.6
o-Xylene	3333	**6.7**	< 5.0	< 5.0
Styrene (Monomer)	33333	< 4.8	< 4.9	< 4.9
Tetrachloroethene	1400	< 7.7	< 7.9	< 7.8
Tetrahydrofuran	70000	< 3.3	< 3.4	< 3.4
Toluene	173333	**37**	< 4.4	< 4.3
trans-1,2-Dichloroethene	NL	< 4.5	< 4.6	< 4.5
trans-1,3-Dichloropropene	233	< 5.1	< 5.3	< 5.2
Trichloroethene	70	**35**	< 6.2	**15**
Vinyl chloride	56.7	< 2.9	< 3.0	< 2.9

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID20

Compound+A2A2:H14	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-20-B			IA-20-F		
		05/08/2018	08/20/2018	01/29/2019	05/08/2018	08/20/2018	01/29/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.20	< 0.18	< 0.47	< 0.21	< 0.19
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.24	< 0.23	< 0.59	< 0.26	< 0.23
1,1,2-Trichloroethane	0.21	< 0.18	< 0.20	< 0.18	< 0.47	< 0.21	< 0.19
1,1-Dichloroethane	18	< 0.13	< 0.14	< 0.14	< 0.35	< 0.15	< 0.14
1,1-Dichloroethene	210	< 0.066	< 0.071	< 0.066	< 0.17	< 0.076	< 0.068
1,2-Dibromoethane	0.047	< 0.26	< 0.28	< 0.26	< 0.66	< 0.29	< 0.26
1,2-Dichloroethane	1.1	**3.1**	**0.28**	**0.39**	**1.8**	**0.28**	**0.46**
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.25	< 0.23	< 0.60	< 0.27	< 0.24
1,4-Dichlorobenzene	2.6	< 0.20	**98**	< 0.20	< 0.52	**91**	< 0.20
Benzene	3.6	**0.43**	**0.73**	**0.42**	< 0.69	**0.86**	**0.56**
Carbon Tetrachloride	4.7	**0.46**	**0.50**	**0.55**	< 0.54	**0.52**	**0.59**
CFC-12	100	**2.8**	**2.2**	**2.5**	**2.7**	**2.2**	**2.5**
Chloroethane	10000	< 0.22	< 0.24	< 0.22	< 0.57	< 0.25	< 0.22
Chloroform	1.2	**0.32**	**0.31**	**0.23**	< 0.42	**0.36**	**0.23**
Chloromethane	94	< 1.7	< 1.8	< 1.7	< 4.4	< 2.0	< 1.8
cis-1,2-Dichloroethene	NL	< 0.13	< 0.14	< 0.13	< 0.34	< 0.15	< 0.14
Ethylbenzene	11	**0.31**	**0.63**	< 0.14	**0.49**	**0.62**	< 0.15
m&p-Xylenes	100	**1.0**	**2.0**	< 0.29	**1.5**	**2.0**	< 0.30
Methyl-tert-butylether	110	< 0.60	< 0.64	< 0.60	< 1.6	< 0.69	< 0.62
o-Xylene	100	**0.41**	**0.67**	< 0.14	**0.57**	**0.66**	< 0.15
Tetrachloroethene	42	**0.22**	< 0.24	< 0.23	**0.61**	< 0.26	< 0.23
Toluene	5200	**1.8**	**4.2**	**0.46**	**2.3**	**4.3**	**1.1**
trans-1,2-Dichloroethene	NL	< 0.66	< 0.71	< 0.66	< 1.7	< 0.76	< 0.68
Trichloroethene	2.1	< 0.18	< 0.19	< 0.18	< 0.46	< 0.20	< 0.18
Vinyl chloride	1.7	< 0.042	< 0.046	< 0.043	< 0.11	< 0.049	< 0.044

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded cell indicates screening level exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID20

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-20		
		05/09/2018	08/21/2018	02/13/2019
1,1,1-Trichloroethane	173333	< 6.0	< 6.4	< 7.5
1,1,2,2-Tetrachloroethane	16	< 7.5	< 8.1	< 9.4
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 8.4	< 9.0	< 10
1,1,2-Trichloroethane	7	< 6.0	< 6.4	< 7.5
1,1-Dichloroethane	600	< 4.4	< 4.8	< 5.6
1,1-Dichloroethene	7000	< 4.3	< 4.7	< 5.4
1,2,4-Trichlorobenzene	70	< 32	< 35	< 41
1,2,4-Trimethylbenzene	2100	< 5.4	< 5.8	< 6.8
1,2-Dibromoethane	1.57	< 8.4	< 9.1	< 10
1,2-Dichlorobenzene	7000	< 6.6	< 7.1	< 8.3
1,2-Dichloroethane	36.67	< 4.4	< 4.8	< 5.6
1,2-Dichloropropane	140	< 5.1	< 5.4	< 6.4
1,2-Dichlorotetrafluoroethane	NL	< 7.6	< 8.2	< 9.6
1,3,5-Trimethylbenzene	2100	< 5.4	< 5.8	< 6.8
1,3-Butadiene	31.33	< 2.4	< 2.6	< 3.0
1,3-Dichlorobenzene	NL	< 6.6	< 7.1	< 8.3
1,4-Dichlorobenzene	86.67	< 6.6	< 7.1	< 8.3
1,4-Dioxane	186.67	< 16	< 17	< 20
2,2,4-Trimethylpentane	NL	**36**	< 5.5	**17**
2-Butanone (MEK)	NL	< 13	< 14	< 16
4-Ethyltoluene	NL	< 5.4	< 5.8	< 6.8
4-Methyl-2-Pentanone	103333	< 4.5	< 4.8	< 5.6
Acetone	1066667	**29**	**34**	**63**
Allyl chloride	33.3	< 14	< 15	< 17
Benzene	120	< 3.5	< 3.8	< 4.4
Benzyl Chloride	NL	< 5.7	< 6.1	< 7.1
Bromodichloromethane	25.3	< 7.3	< 7.9	< 9.2
Bromoform	867	< 11	< 12	< 14
Bromomethane	173.3	< 42	< 46	< 53
Carbon Disulfide	24333	< 14	< 15	< 17
Carbon Tetrachloride	156.7	< 6.9	< 7.4	< 8.6
CFC-11	NL	< 6.2	< 6.6	< 7.7
CFC-12	3333	< 5.4	< 5.8	< 6.8
Chlorobenzene	1733	< 5.0	< 5.4	< 6.3
Chlorodibromomethane	NL	< 9.3	< 10	< 12
Chloroethane	333333	< 12	< 12	< 14
Chloroform	40	< 5.3	< 5.8	< 6.7
Chloromethane	3133	< 23 J	< 24	< 28
cis-1,2-Dichloroethene	NL	< 4.3	< 4.7	< 5.4
cis-1,3-Dichloropropene	233	< 5.0	< 5.4	< 6.2
Cyclohexane	210000	< 3.8	< 4.1	< 4.7
Dichloromethane	21000	< 38	< 41	< 48
Ethanol	NL	**47 J**	**19**	**26**
Ethylbenzene	367	< 4.8	< 5.1	< 6.0
Hexachloro-1,3-butadiene	43.3	< 47	< 50	< 59
Hexane	24333	< 3.8	< 4.2	< 4.8
Isopropyl alcohol	7000	< 11	< 12	< 14
Isopropylbenzene	14000	< 5.4	< 5.8	< 6.8
m&p-Xylenes	3333	**30**	< 5.1	**23**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 18	< 19	< 22
Methyl-tert-butylether	3667	< 16	< 17	< 20
n-Heptane	14000	< 4.5	< 4.8	< 5.6
n-Propylbenzene	33333	< 5.4	< 5.8	< 6.8
o-Xylene	3333	**9.6**	< 5.1	**10**
Styrene (Monomer)	33333	< 4.7	< 5.0	< 5.8
Tetrachloroethene	1400	< 7.4	< 8.0	< 9.3
Tetrahydrofuran	70000	< 3.2	< 3.5	< 4.0
Toluene	173333	**54**	< 4.4	**19**
trans-1,2-Dichloroethene	NL	< 4.3	< 4.7	< 5.4
trans-1,3-Dichloropropene	233	< 5.0	< 5.4	< 6.2
Trichloroethene	70	< 5.9	**20**	< 7.4
Vinyl chloride	56.7	< 2.8	< 3.0	< 3.5

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID21

Compound	IDEM Indoor Air Screening Levels	Indoor Air				
		Crawl	Basement		First Floor	
		CS-21	IA-21-B		IA-21-F	
		8/15/2018	5/9/2018	8/15/2018	5/9/2018	8/15/2018
1,1,1-Trichloroethane	5,200	**0.92**	<0.21	**2.9**	<0.18	**3.7**
1,1,2,2-Tetrachloroethane	0.48	<0.23	<0.27	<0.58	<0.22	<1.2
1,1,2-Trichloroethane	0.21	<0.18	<0.21	<0.46	<0.18	<0.92
1,1-Dichloroethane	18	<0.14	<0.16	<0.34	<0.13	<0.68
1,1-Dichloroethene	210	<0.067	<0.078	<0.17	<0.064	<0.33
1,2-Dibromoethane (EDB)	0.047	<0.26	<0.30	<0.64	<0.25	<1.3
1,2-Dichloroethane	1.1	**0.63**	**1.8**	**2.3**	<0.13	**2.8**
1,4-Dichlorobenzene	2.6	**0.24**	<0.24	<0.50	<0.19	<1.0
Benzene	3.6	**0.38**	**0.93**	<0.67	**0.40**	<1.3
Carbon Tetrachloride	4.7	**0.40**	**0.51**	<0.53	**0.40**	<1.0
Chloroethane	10,000	<0.22	<0.26	<0.55	<0.21	<1.1
Chloroform	1.2	<0.16	<0.19	<0.41	<0.16	<0.82
Chloromethane	94	<1.7	<2.0	<4.3	<1.7	<8.7
cis-1,2-Dichloroethene	NL	<0.13	<0.16	<0.33	<0.13	<0.67
Ethyl Benzene	11	**0.18**	**0.28**	**<0.36**	**0.27**	<0.73
Freon 114 (Dichlorotetrafluoroethane)	NL	<023	<0.28	<0.59	<0.23	<1.2
Freon 12 (Dichlorodifluoromethane)	100	**0.17**	**2.5**	**3.4**	**2.4**	3.6
m,p-Xylene	100	**0.66**	**1.0**	**1.0**	**0.83**	<1.4
Methyl tert-butyl ether	110	<0.060	<0.71	<1.5	<0.58	<3.0
o-Xylene	100	**0.30**	**0.36**	**0.41**	**0.32**	<0.73
Tetrachloroethene	42	<0.23	<0.27	<0.57	<0.22	<1.1
Toluene	5,200	**1.1**	**1.6**	**1.9**	**3.2**	**2.2**
trans-1,2-Dichloroethene	NL	<0.67	<0.78	<1.7	<0.64	<3.3
Trichloroethene	2.1	<0.18	**2.8**	<0.45	<0.17	<0.90
Vinyl Chloride	1.7	<0.043	<0.050	<0.11	<0.041	<0.21

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID21

Compound	Sub-Slab Screening Levels †	Sub-Slab SS-21 5/9/2018
1,1,1-Trichloroethane	173,333	**18**
1,1,2,2-Tetrachloroethane	16	<14
1,1,2-Trichloroethane	7	<11
1,1-Dichloroethane	600	<8.1
1,1-Dichloroethene	7,000	<8.0
1,2,4-Trichlorobenzene	70	<60
1,2,4-Trimethylbenzene	2,100	<9.9
1,2-Dibromoethane (EDB)	1.57	<15
1,2-Dichlorobenzene	7,000	<12
1,2-Dichloroethane	36.67	<8.1
1,2-Dichloropropane	140	<9.3
1,3,5-Trimethylbenzene	2,100	<9.9
1,3-Butadiene	31.33	<4.4
1,3-Dichlorobenzene	NL	<12
1,4-Dichlorobenzene	86.67	<12
1,4-Dioxane	186.67	<29
2,2,4-Trimethylpentane	NL	**33**
2-Butanone (Methyl Ethyl Ketone)	173,333	<24
2-Hexanone	1,033	<33
2-Propanol (Isopropanol)	7,000	<20
3-Chloropropene	33.3	<25
4-Ethyltoluene	NL	<9.9
4-Methyl-2-pentanone	103,333	<8.2
Acetone	1,066,667	**53**
alpha-Chlorotoluene	NL	<10
Benzene	120	<6.4
Bromodichloromethane	25.3	<13
Bromoform	867	<21
Bromomethane	173.3	<78
Carbon Disulfide	24,333	<25
Carbon Tetrachloride	156.7	<13
Chlorobenzene	1,733	<9.2
Chloroethane	333,333	<21
Chloroform	40	<9.8
Chloromethane	3,133	<42
cis-1,2-Dichloroethene	NL	<8.0
cis-1,3-Dichloropropene	233	<9.1
Cumene	14,000	<9.9
Cyclohexane	210,000	**7.1**
Dibromochloromethane	NL	<17
Ethanol	NL	**48**
Ethyl Benzene	367	<8.7
Freon 11 (Trichlorofluoromethane)	NL	<11
Freon 113 (Trichlorotrifluoroethane)	NL	<15
Freon 114 (Dichlorotetrafluoroethane)	NL	<14
Freon 12 (Dichlorodifluoromethane)	3,333	<9.9
Heptane	14,000	**11**
Hexachlorobutadiene	43.3	<86
Hexane	24,333	**8.0**
m,p-Xylene	3,333	**25**
Methyl tert-butyl ether	3,667	<29
Methylene Chloride	21,000	<70
o-Xylene	3,333	**9.3**
Propylbenzene	33,333	<9.9
Styrene	33,333	<8.6
Tetrachloroethene	1,400	<14
Tetrahydrofuran	70,000	<5.9
Toluene	173,333	**49**
trans-1,2-Dichloroethene	NL	**8.0**
trans-1,3-Dichloropropene	233	<9.1
Trichloroethene	70	**2800**
Vinyl Chloride	56.7	<5.1

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID22

Compound	IDEM Indoor Air Screening Levels	Indoor Air						
		Crawl Space			First Floor			
		CS-22			IA-22-F			
		05/07/2018	08/07/2018	01/16/2019	05/07/2018	5/7/2018 (Duplicate)	08/06/2018	01/16/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.18	< 0.20	< 0.19	< 0.19	< 0.20	< 0.19
1,1,2,2-Tetrachloroethane	0.48	< 0.22	< 0.23	< 0.25	< 0.23	< 0.23	< 0.25	< 0.24
1,1,2-Trichloroethane	0.21	< 0.18	< 0.18	< 0.20	< 0.19	< 0.19	< 0.20	< 0.19
1,1-Dichloroethane	18	< 0.13	< 0.13	< 0.14	< 0.14	< 0.14	< 0.15	< 0.14
1,1-Dichloroethene	210	< 0.065	< 0.066	< 0.071	< 0.068	< 0.068	< 0.072	< 0.069
1,2-Dibromoethane	0.047	< 0.25	< 0.26	< 0.28	< 0.26	< 0.26	< 0.28	< 0.27
1,2-Dichloroethane	1.1	**0.62**	**0.37**	< 0.14	**0.18**	**0.18**	**0.40**	**0.25**
1,2-Dichlorotetrafluoroethane	NL	< 0.23	**0.25**	**0.30**	< 0.24	< 0.24	< 0.25	< 0.24
1,4-Dichlorobenzene	2.6	**2.0**	**1.2**	< 0.22	**2.7**	**2.6**	**1.8**	**0.26**
Benzene	3.6	**0.66**	**0.69**	**0.53**	**0.35**	**0.32**	**0.32**	**0.51**
Carbon Tetrachloride	4.7	**0.99**	**0.70**	**0.95**	**0.44**	**0.48**	**0.58**	**0.53**
CFC-12	100	**2.1**	**2.1**	**2.6**	**2.0**	**2.0**	**2.4**	**3.0**
Chloroethane	10000	< 0.22	< 0.22	< 0.24	< 0.22	< 0.22	< 0.24	< 0.23
Chloroform	1.2	**0.18**	**3.4**	< 0.18	< 0.17	< 0.17	**0.34**	< 0.17
Chloromethane	94	< 1.7	< 1.7 J	< 1.8	< 1.8	< 1.8	< 1.9 J	< 1.8
cis-1,2-Dichloroethene	NL	< 0.13	< 0.13	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Ethylbenzene	11	**0.52**	**0.56**	**0.19**	**0.17**	**0.16**	< 0.16	< 0.15
m&p-Xylenes	100	**2.0**	**3.1**	**0.59**	**0.51**	**0.52**	**0.42**	**0.40**
Methyl-tert-butylether	110	< 0.59	**3.4**	< 0.65	< 0.62	< 0.62	< 0.65	< 0.63
o-Xylene	100	**1.3**	**1.2**	**0.32**	**0.21**	**0.21**	**0.20**	**0.19**
Tetrachloroethene	42	< 0.22	< 0.22	< 0.24	< 0.23	< 0.23	< 0.24	< 0.24
Toluene	5200	**9.5**	**11**	**0.97**	**1.0**	**1.0**	**1.1**	**0.83**
trans-1,2-Dichloroethene	NL	< 0.65	< 0.66	< 0.71	< 0.68	< 0.68	< 0.72	< 0.69
Trichloroethene	2.1	**0.26**	< 0.18	< 0.19	< 0.18	< 0.18	< 0.19	< 0.19
Vinyl chloride	1.7	< 0.042	< 0.042	**0.18**	< 0.044	< 0.044	< 0.046	< 0.045

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID23

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-23-B			IA-23-F		
		05/08/2018	08/14/2018	01/16/2019	05/08/2018	08/14/2018	01/16/2019
1,1,1-Trichloroethane	5200	< 0.19	< 0.16	< 0.17	< 0.60	< 0.85	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.20	< 0.21	< 0.76	< 1.1	< 0.23
1,1,2-Trichloroethane	0.21	< 0.19	< 0.16	< 0.17	< 0.60	< 0.85	< 0.18
1,1-Dichloroethane	18	< 0.14	**0.15**	< 0.13	< 0.45	< 0.63	< 0.14
1,1-Dichloroethene	210	< 0.068	< 0.059	< 0.062	< 0.22	< 0.31	< 0.067
1,2-Dibromoethane	0.047	< 0.26	< 0.23	< 0.24	< 0.85	< 1.2	< 0.26
1,2-Dichloroethane	1.1	**0.21**	**0.40**	**0.16**	< 0.45	< 0.63	**0.52**
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.21	< 0.22	< 0.77	< 1.1	< 0.23
1,4-Dichlorobenzene	2.6	< 0.20	**0.46**	< 0.19	< 0.66	< 0.94	< 0.20
Benzene	3.6	**0.66**	**2.1**	**0.74**	**0.95**	**2.6**	**1.1**
Carbon Tetrachloride	4.7	**0.48**	**0.41**	**0.53**	< 0.70	< 0.98	**0.58**
CFC-12	100	**2.4**	**2.1**	**2.7**	**2.3**	**2.4**	**2.8**
Chloroethane	10000	< 0.22	< 0.20	< 0.20	< 0.73	< 1.0	< 0.22
Chloroform	1.2	**1.1**	**0.35**	< 0.15	**1.8**	< 0.76	< 0.16
Chloromethane	94	< 1.8	**2.8**	< 1.6	< 5.7	< 8.0	**1.8**
cis-1,2-Dichloroethene	NL	< 0.14	< 0.12	< 0.12	< 0.44	< 0.62	< 0.13
Ethylbenzene	11	**0.47**	**1.0**	**0.30**	**0.64**	**1.2**	**0.52**
m&p-Xylenes	100	**1.2**	**2.5**	**0.89**	**1.4**	**2.7**	**1.4**
Methyl-tert-butylether	110	< 0.62	< 0.54	< 0.56	< 2.0	< 2.8	< 0.60
o-Xylene	100	**0.46**	**0.76**	**0.32**	**0.51**	**0.85**	**0.50**
Tetrachloroethene	42	**1.4**	**2.8**	**0.82**	**1.2**	**2.6**	**0.92**
Toluene	5200	**4.0**	**10**	**2.3**	**4.0**	**11**	**4.0**
trans-1,2-Dichloroethene	NL	< 0.68	< 0.59	< 0.62	< 2.2	< 3.1	< 0.67
Trichloroethene	2.1	**0.29**	< 0.16	< 0.17	< 0.59	< 0.84	< 0.18
Vinyl chloride	1.7	< 0.044	< 0.038	< 0.040	< 0.14	< 0.20	< 0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID23

Compound	Sub-Slab Screening Levels †	Sub-Slab SS-23 5/9/2018
1,1,1-Trichloroethane	173,333	**27**
1,1,2,2-Tetrachloroethane	16	<12
1,1,2-Trichloroethane	7	<9.3
1,1-Dichloroethane	600	<6.9
1,1-Dichloroethene	7,000	<6.8
1,2,4-Trichlorobenzene	70	<51
1,2,4-Trimethylbenzene	2,100	<8.4
1,2-Dibromoethane (EDB)	1.57	<13
1,2-Dichlorobenzene	7,000	<10
1,2-Dichloroethane	36.67	<6.9
1,2-Dichloropropane	140	<7.9
1,3,5-Trimethylbenzene	2,100	<8.4
1,3-Butadiene	31.33	<3.8
1,3-Dichlorobenzene	NL	<10
1,4-Dichlorobenzene	86.67	<10
1,4-Dioxane	186.67	<25
2,2,4-Trimethylpentane	NL	**9.3**
2-Butanone (Methyl Ethyl Ketone)	173,333	<20
2-Hexanone	1,033	<28
2-Propanol (Isopropanol)	7,000	<17
3-Chloropropene (Allyl Chloride)	33.3	<21
4-Ethyltoluene	NL	<8.4
4-Methyl-2-pentanone	103,333	<7.0
Acetone	1,066,667	**<41**
alpha-Chlorotoluene	NL	<8.8
Benzene	120	<5.5
Bromodichloromethane	25.3	<11
Bromoform	867	<18
Bromomethane	173.3	<66
Carbon Disulfide	24,333	<21
Carbon Tetrachloride	156.7	**22**
Chlorobenzene	1,733	<7.9
Chloroethane	333,333	<18
Chloroform	40	<8.3
Chloromethane	3,133	<35
cis-1,2-Dichloroethene	NL	<6.8
cis-1,3-Dichloropropene	233	<7.8
Cumene	14,000	<8.4
Cyclohexane	210,000	<5.9
Dibromochloromethane	NL	<14
Ethanol	NL	**42**
Ethyl Benzene	367	<7.4
Freon 11 (Trichlorofluoromethane)	NL	**17**
Freon 113 (Trichlorotrifluoroethane)	NL	<13
Freon 114 (Dichlorotetrafluoroethane)	NL	<12
Freon 12 (Dichlorodifluoromethane)	3,333	**89**
Heptane	14,000	<7.0
Hexachlorobutadiene	43.3	<73
Hexane	24,333	<6.0
m,p-Xylene	3,333	**13**
Methyl tert-butyl ether	3,667	<25
Methylene Chloride	21,000	<59
o-Xylene	3,333	<7.4
Propylbenzene	33,333	<8.4
Styrene	33,333	<7.3
Tetrachloroethene	1,400	<12
Tetrahydrofuran	70,000	<5.0
Toluene	173,333	**23**
trans-1,2-Dichloroethene	NL	<6.8
trans-1,3-Dichloropropene	233	<7.8
Trichloroethene	70	**2400**
Vinyl Chloride	56.7	<4.4

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compounds

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID24

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-24-B			IA-24-F		
		05/08/2018	08/13/2018	01/23/2019	05/08/2018	08/13/2018	01/23/2019
1,1,1-Trichloroethane	5200	< 0.46	< 0.41	< 0.17	< 0.59	< 0.18	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.58	< 0.52	< 0.21	< 0.74	< 0.22	< 0.22
1,1,2-Trichloroethane	0.21	< 0.46	< 0.41	< 0.17	< 0.59	< 0.18	< 0.18
1,1-Dichloroethane	18	< 0.34	< 0.30	< 0.13	< 0.43	< 0.13	< 0.13
1,1-Dichloroethene	210	< 0.17	< 0.15	< 0.062	< 0.21	< 0.064	< 0.065
1,2-Dibromoethane	0.047	< 0.64	< 0.58	< 0.24	< 0.82	< 0.25	< 0.25
1,2-Dichloroethane	1.1	< 0.34	**0.43**	**0.14**	**0.59**	**0.47**	**0.19**
1,2-Dichlorotetrafluoroethane	NA	< 0.59	< 0.52	< 0.22	< 0.75	< 0.22	< 0.23
1,4-Dichlorobenzene	2.6	< 0.50	< 0.45	< 0.19	< 0.64	< 0.19	< 0.20
Benzene	3.6	< 0.67	**0.94**	**0.64**	< 0.86	**0.85**	**0.58**
Carbon Tetrachloride	4.7	< 0.53	**0.48**	**0.48**	< 0.68	**0.55**	**0.44**
CFC-12	100	**2.4**	**1.9**	**2.4**	**2.4**	**1.9**	**2.4**
Chloroethane	10000	< 0.55	< 0.50	< 0.20	< 0.71	< 0.21	< 0.22
Chloroform	1.2	**0.46**	**0.47**	**0.25**	**0.71**	**0.46**	**0.25**
Chloromethane	94	< 4.3	< 3.9	< 1.6	< 5.5	< 1.7	< 1.7
cis-1,2-Dichloroethene	NA	< 0.33	< 0.30	< 0.12	< 0.42	< 0.13	< 0.13
Ethylbenzene	11	**0.50**	**0.63**	**0.43**	**0.52**	**0.59**	**0.45**
m&p-Xylenes	100	**1.7**	**2.0**	**1.6**	**1.7**	**1.9**	**1.8**
Methyl-tert-butylether	110	< 1.5	< 1.4	< 0.56	< 1.9	< 0.58	< 0.59
o-Xylene	100	**0.73**	**0.93**	**0.87**	**0.67**	**0.87**	**0.86**
Tetrachloroethene	42	< 0.57	< 0.51	< 0.21	< 0.73	< 0.22	< 0.22
Toluene	5200	**3.1**	**3.6**	**1.6**	**3.6**	**3.6**	**1.6**
trans-1,2-Dichloroethene	NA	< 1.7	< 1.5	< 0.62	< 2.1	< 0.64	< 0.65
Trichloroethene	2.1	< 0.45	< 0.40	< 0.17	< 0.58	< 0.17	< 0.18
Vinyl chloride	1.7	< 0.11	< 0.096	< 0.040	< 0.14	< 0.041	< 0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID24

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-24		
		05/09/2018	08/14/2018	01/24/2019
1,1,1-Trichloroethane	173333	< 6.8	< 6.4	< 5.8
1,1,2,2-Tetrachloroethane	16	< 8.5	< 8.0	< 7.3
1,1,2-trichloro-1,2,2-trifluoroethane	NA	< 9.5	< 8.9	< 8.2
1,1,2-Trichloroethane	7	< 6.8	< 6.4	< 5.8
1,1-Dichloroethane	600	< 5.0	< 4.7	< 4.3
1,1-Dichloroethene	7000	< 4.9	< 4.6	< 4.2
1,2,4-Trichlorobenzene	70	< 37	< 34	< 32
1,2,4-Trimethylbenzene	2100	< 6.1	< 5.7	< 5.2
1,2-Dibromoethane	1.57	< 9.6	< 9.0	< 8.2
1,2-Dichlorobenzene	7000	< 7.5	< 7.0	< 6.4
1,2-Dichloroethane	36.67	< 5.0	< 4.7	< 4.3
1,2-Dichloropropane	140	< 5.8	< 5.4	< 4.9
1,2-Dichlorotetrafluoroethane	NA	< 8.7	< 8.1	< 7.4
1,3,5-Trimethylbenzene	2100	< 6.1	< 5.7	< 5.2
1,3-Butadiene	31.33	< 2.8	< 2.6	< 2.4
1,3-Dichlorobenzene	NA	< 7.5	< 7.0	< 6.4
1,4-Dichlorobenzene	86.67	< 7.5	< 7.0	< 6.4
1,4-Dioxane	186.67	< 18	< 17	< 15
2,2,4-Trimethylpentane	NA	**6.9**	**21**	< 5.0
2-Butanone (MEK)	NA	< 15	< 14	< 12
4-Ethyltoluene	NA	< 6.1	< 5.7	< 5.2
4-Methyl-2-Pentanone	103333	< 5.1	< 4.8	< 4.4
Acetone	1066667	< 30	< 28	< 25
Allyl chloride	33.3	< 16	< 14	< 13
Benzene	120	< 4.0	< 3.7	< 3.4
Benzyl Chloride	NA	< 6.4	< 6.0	< 5.5
Bromodichloromethane	25.3	< 8.3	< 7.8	< 7.1
Bromoform	867	< 13	< 12	< 11
Bromomethane	173.3	< 48	< 45	< 41
Carbon Disulfide	24333	< 16	< 14	< 13
Carbon Tetrachloride	156.7	< 7.8	< 7.3	< 6.7
CFC-11	NA	< 7.0	< 6.5	< 6.0
CFC-12	3333	< 6.2	< 5.8	< 5.3
Chlorobenzene	1733	< 5.7	< 5.4	< 4.9
Chlorodibromomethane	NA	< 11	< 9.9	< 9.1
Chloroethane	333333	< 13	< 12	< 11
Chloroform	40	**8.6**	**6.7**	< 5.2
Chloromethane	3133	< 26	< 24	< 22
cis-1,2-Dichloroethene	NA	< 4.9	< 4.6	< 4.2
cis-1,3-Dichloropropene	233	< 5.6	< 5.3	< 4.8
Cyclohexane	210000	< 4.3	< 4.0	< 3.7
Dichloromethane	21000	< 43	< 40	< 37
Ethanol	NA	**24**	**13**	**25**
Ethylbenzene	367	< 5.4	< 5.0	< 4.6
Hexachloro-1,3-butadiene	43.3	< 53	< 50	< 45
Hexane	24333	< 4.4	< 4.1	< 3.8
Isopropyl alcohol	7000	< 12	< 11	< 10
Isopropylbenzene	14000	< 6.1	< 5.7	< 5.2
m&p-Xylenes	3333	**7.5**	**15**	< 4.6
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 20	< 19	< 17
Methyl-tert-butylether	3667	< 18	< 17	< 15
n-Heptane	14000	< 5.1	< 4.8	< 4.4
n-Propylbenzene	33333	< 6.1	< 5.7	< 5.2
o-Xylene	3333	< 5.4	**5.5**	< 4.6
Styrene (Monomer)	33333	< 5.3	< 5.0	< 4.5
Tetrachloroethene	1400	< 8.4	< 7.9	< 7.2
Tetrahydrofuran	70000	< 3.7	< 3.4	< 3.1
Toluene	173333	**13**	**19**	< 4.0
trans-1,2-Dichloroethene	NA	< 4.9	< 4.6	< 4.2
trans-1,3-Dichloropropene	233	< 5.6	< 5.3	< 4.8
Trichloroethene	70	< 6.7	< 6.3	< 5.7
Vinyl chloride	56.7	< 3.2	< 3.0	< 2.7

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID25

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-25-B			IA-25-F		
		05/09/2018	08/06/2018	01/23/2019	05/09/2018	08/06/2018	01/23/2019
1,1,1-Trichloroethane	5200	< 0.19	< 0.62	< 0.58	< 0.19	< 0.64	< 0.96
1,1,2,2-Tetrachloroethane	0.48	< 0.24	< 0.79	< 0.73	< 0.24	< 0.81	< 1.2
1,1,2-Trichloroethane	0.21	< 0.19	< 0.62	< 0.58	< 0.19	< 0.64	< 0.96
1,1-Dichloroethane	18	< 0.14	< 0.46	< 0.43	< 0.14	< 0.48	< 0.72
1,1-Dichloroethene	210	< 0.068	< 0.23	< 0.21	< 0.070	< 0.23	< 0.35
1,2-Dibromoethane	0.047	< 0.26	< 0.88	< 0.81	< 0.27	< 0.91	< 1.4
1,2-Dichloroethane	1.1	**1.8**	**1.1**	**0.74**	**1.6**	**1.1**	**0.97**
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.80	< 0.74	< 0.25	< 0.82	< 1.2
1,4-Dichlorobenzene	2.6	**3.9**	**3.3**	**1.4**	**3.0**	**3.0**	**1.3**
Benzene	3.6	**1.0**	< 0.92	**1.3**	**1.0**	**1.2**	**1.8**
Carbon Tetrachloride	4.7	**0.58**	< 0.72	< 0.67	**0.52**	< 0.74	< 1.1
CFC-12	100	**2.5**	**2.6**	**2.1**	**2.6**	**2.7**	**2.1**
Chloroethane	10000	< 0.23	< 0.76	< 0.70	< 0.23	< 0.78	< 1.2
Chloroform	1.2	**0.92**	< 0.56	< 0.52	**0.88**	< 0.58	< 0.86
Chloromethane	94	< 1.8	< 5.9 J	< 5.5	**1.8 J**	< 6.1 J	< 9.1
cis-1,2-Dichloroethene	NL	< 0.14	< 0.45	< 0.42	< 0.14	< 0.47	< 0.70
Ethylbenzene	11	**4.4**	**1.7**	**0.71**	**4.3**	**1.7**	**0.97**
m&p-Xylenes	100	**16**	**4.8**	**2.0**	**15**	**4.9**	**2.7**
Methyl-tert-butylether	110	< 0.62	< 2.1	< 1.9	< 0.64	< 2.1	< 3.2
o-Xylene	100	**4.9**	**1.5**	**0.60**	**4.8**	**1.5**	**0.86**
Tetrachloroethene	42	**13**	**44**	**13**	**16**	**34**	**10**
Toluene	5200	**9.8**	**4.8**	**3.2**	**9.8**	**4.8**	**5.9**
trans-1,2-Dichloroethene	NL	< 0.68	< 2.3	< 2.1	< 0.70	< 2.3	< 3.5
Trichloroethene	2.1	< 0.18	< 0.62	< 0.57	< 0.19	< 0.63	< 0.95
Vinyl chloride	1.7	< 0.044	< 0.15	< 0.14	< 0.046	< 0.15	< 0.23

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID25

Compound	Sub-Slab Screening Levels[1]	Sub-Slab Vapor		
		SS-25		
		05/10/2018	08/07/2018	01/23/2019
1,1,1-Trichloroethane	173333	< 6.3	< 6.4	< 5.7
1,1,2,2-Tetrachloroethane	16	< 8.0	< 8.0	< 7.2
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 8.9	< 8.9	< 8.0
1,1,2-Trichloroethane	7	< 6.3	< 6.4	< 5.7
1,1-Dichloroethane	600	< 4.7	< 4.7	< 4.2
1,1-Dichloroethene	7000	< 4.6	< 4.6	< 4.2
1,2,4-Trichlorobenzene	70	< 34	< 34	< 31
1,2,4-Trimethylbenzene	2100	< 5.7	< 5.7	< 5.2
1,2-Dibromoethane	1.57	< 8.9	< 9.0	< 8.1
1,2-Dichlorobenzene	7000	< 7.0	< 7.0	< 6.3
1,2-Dichloroethane	36.67	< 4.7	< 4.7	< 4.2
1,2-Dichloropropane	140	< 5.4	< 5.4	< 4.8
1,2-Dichlorotetrafluoroethane	NL	< 8.1	< 8.1	< 7.3
1,3,5-Trimethylbenzene	2100	< 5.7	< 5.7	< 5.2
1,3-Butadiene	31.33	< 2.6	< 2.6	< 2.3
1,3-Dichlorobenzene	NL	< 7.0	< 7.0	< 6.3
1,4-Dichlorobenzene	86.67	< 7.0	< 7.0	< 6.3
1,4-Dioxane	186.67	< 17	< 17	< 15
2,2,4-Trimethylpentane	NL	**53**	**26**	< 4.9
2-Butanone (MEK)	NL	< 14	< 14	< 12
4-Ethyltoluene	NL	< 5.7	< 5.7	< 5.2
4-Methyl-2-Pentanone	103333	< 4.8	< 4.8	< 4.3
Acetone	1066667	**78**	**50**	< 25
Allyl chloride	33.3	< 14	< 14	< 13
Benzene	120	< 3.7	< 3.7	< 3.4
Benzyl Chloride	NL	< 6.0	< 6.0	< 5.4
Bromodichloromethane	25.3	< 7.8	< 7.8	< 7.0
Bromoform	867	< 12	< 12	< 11
Bromomethane	173.3	< 45	< 45	< 41
Carbon Disulfide	24333	< 14	< 14	< 13
Carbon Tetrachloride	156.7	< 7.3	< 7.3	< 6.6
CFC-11	NL	**12**	< 6.5	**16**
CFC-12	3333	< 5.7	< 5.8	< 5.2
Chlorobenzene	1733	< 5.3	< 5.4	< 4.8
Chlorodibromomethane	NL	< 9.9	< 9.9	< 8.9
Chloroethane	333333	< 12	< 12	< 11
Chloroform	40	< 5.7	< 5.7	< 5.1
Chloromethane	3133	< 24 J	< 24	< 22
cis-1,2-Dichloroethene	NL	< 4.6	< 4.6	< 4.2
cis-1,3-Dichloropropene	233	< 5.3	< 5.3	< 4.8
Cyclohexane	210000	< 4.0	< 4.0	< 3.6
Dichloromethane	21000	< 40	< 40	< 36
Ethanol	NL	**52 J**	**20**	**36**
Ethylbenzene	367	**6.8**	< 5.0	< 4.6
Hexachloro-1,3-butadiene	43.3	< 49	< 50	< 45
Hexane	24333	< 4.1	< 4.1	< 3.7
Isopropyl alcohol	7000	< 11	< 11	< 10
Isopropylbenzene	14000	< 5.7	< 5.7	< 5.2
m&p-Xylenes	3333	**50**	**16**	< 4.6
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 19	< 19	< 17
Methyl-tert-butylether	3667	< 17	< 17	< 15
n-Heptane	14000	< 4.8	< 4.8	< 4.3
n-Propylbenzene	33333	< 5.7	< 5.7	< 5.2
o-Xylene	3333	**17**	**5.5**	< 4.6
Styrene (Monomer)	33333	< 4.9	< 5.0	< 4.5
Tetrachloroethene	1400	**8.6**	**36**	**7.8**
Tetrahydrofuran	70000	< 3.4	< 3.4	< 3.1
Toluene	173333	**96**	**32**	**10**
trans-1,2-Dichloroethene	NL	< 4.6	< 4.6	< 4.2
trans-1,3-Dichloropropene	233	< 5.3	< 5.3	< 4.8
Trichloroethene	70	**24**	< 6.3	**42**
Vinyl chloride	56.7	< 3.0	< 3.0	< 2.7

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID26

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		Crawl Space		First Floor	
		CS-26		IA-26-F	
		5/9/2018	8/7/2018	5/9/2018	8/7/2018
1,1,1-Trichloroethane	5,200	<0.17	<0.59	<0.19	<0.95
1,1,2,2-Tetrachloroethane	0.48	<0.22	<0.74	<0.24	<1.2
1,1,2-Trichloroethane	0.21	<0.17	<0.59	<0.19	<0.95
1,1-Dichloroethane	18	<0.13	<0.44	<0.14	<0.70
1,1-Dichloroethene	210	<0.063	<0.21	<0.068	<0.34
1,2-Dibromoethane (EDB)	0.047	<0.24	<0.83	<0.26	<1.3
1,2-Dichloroethane	1.1	<0.13	<0.44	**0.16**	<0.70
1,4-Dichlorobenzene	2.6	<0.19	<0.65	<0.21	<1.0
Benzene	3.6	**0.48**	**3.0**	**0.94**	**5.4**
Carbon Tetrachloride	4.7	**0.47**	**0.68**	**0.52**	<1.1
Chloroethane	10,000	<0.21	<0.71	<0.23	<1.1
Chloroform	1.2	**0.37**	**0.64**	**0.52**	<1.1
Chloromethane	94	<1.6	<5.6	<1.8	<9.0
cis-1,2-Dichloroethene	NL	<0.13	<0.43	<0.14	<0.69
Ethyl Benzene	11	**0.29**	**0.86**	**0.71**	**1.5**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.22	<0.76	<0.24	<1.2
Freon 12 (Dichlorodifluoromethane)	100	**2.3**	**2.5**	**2.3**	**2.5**
m,p-Xylene	100	**1.0**	**2.6**	**2.4**	**4.4**
Methyl tert-butyl ether	110	<0.57	<1.9	<0.62	<3.1
o-Xylene	100	**0.38**	**0.68**	**0.82**	**1.1**
Tetrachloroethene	42	<0.22	<0.73	0.23	<1.2
Toluene	5,200	**1.6**	**6.0**	**5.2**	**11**
trans-1,2-Dichloroethene	NL	<0.63	<2.1	<0.68	<3.4
Trichloroethene	2.1	**1.9**	<0.58	**0.35**	<0.94
Vinyl Chloride	1.7	<0.041	<0.14	<0.044	<0.22

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID27

Compound	IDEM Indoor Air Screening Levels	Indoor Air						
		Basement				First Floor		
		IA-27-B				IA-27-F		
		05/15/2018	8/15/2018 (duplicate)	08/15/2018	01/16/2019	05/15/2018	08/15/2018	01/16/2019
1,1,1-Trichloroethane	5200	**0.22**	**0.31**	**0.34**	< 0.18	< 0.24	**0.28**	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.20	< 0.23	< 0.23	< 0.30	< 0.20	< 0.23
1,1,2-Trichloroethane	0.21	< 0.18	< 0.16	< 0.18	< 0.18	< 0.24	< 0.16	< 0.18
1,1-Dichloroethane	18	< 0.14	< 0.12	< 0.14	< 0.13	< 0.18	< 0.12	< 0.14
1,1-Dichloroethene	210	< 0.067	< 0.059	< 0.066	< 0.065	< 0.086	< 0.057	< 0.066
1,2-Dibromoethane	0.047	< 0.26	< 0.23	< 0.26	< 0.25	< 0.33	< 0.22	< 0.26
1,2-Dichloroethane	1.1	**1.2**	**2.1**	**2.2**	< 0.13	**2.0**	**2.9**	< 0.14
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.21	< 0.23	< 0.23	< 0.30	< 0.20	< 0.23
1,4-Dichlorobenzene	2.6	< 0.20	< 0.18	< 0.20	< 0.20	< 0.26	< 0.17	< 0.20
Benzene	3.6	**0.54**	**0.28**	**0.30**	**0.76**	**0.53**	**0.27**	**0.91**
Carbon Tetrachloride	4.7	**0.40**	**0.52**	**0.54**	**0.55**	**0.33**	**0.51**	**0.54**
CFC-12	100	**2.3**	**2.4**	**2.4**	**2.9**	**2.0**	**2.3**	**2.8**
Chloroethane	10000	< 0.22	< 0.20	< 0.22	< 0.22	< 0.29	< 0.19	< 0.22
Chloroform	1.2	**0.28**	**0.28**	**0.29**	< 0.16	**0.33**	**0.28**	**0.18**
Chloromethane	94	< 1.7	< 1.5	< 1.7	< 1.7	< 2.2	< 1.5	< 1.7
cis-1,2-Dichloroethene	NL	< 0.13	< 0.12	< 0.13	< 0.13	< 0.17	< 0.11	< 0.13
Ethylbenzene	11	**0.62**	**0.58**	**0.60**	**0.26**	**0.74**	**0.61**	**0.26**
m&p-Xylenes	100	**1.7**	**1.4**	**1.4**	**0.86**	**1.9**	**1.3**	**0.81**
Methyl-tert-butylether	110	< 0.60	< 0.54	< 0.60	< 0.59	< 0.78	< 0.52	< 0.60
o-Xylene	100	**0.64**	**0.52**	**0.48**	**0.31**	**0.78**	**0.50**	**0.30**
Tetrachloroethene	42	**3.3**	**4.9**	**5.1**	**0.63**	**2.2**	**4.0**	**0.55**
Toluene	5200	**5.2**	**8.3**	**8.6**	**2.0**	**5.5**	**7.4**	**2.0**
trans-1,2-Dichloroethene	NL	< 0.67	< 0.59	< 0.66	< 0.65	< 0.86	< 0.57	< 0.66
Trichloroethene	2.1	< 0.18	**1.3**	**1.3**	< 0.18	< 0.23	**1.0**	< 0.18
Vinyl chloride	1.7	< 0.043	< 0.038	< 0.043	< 0.042	< 0.055	< 0.037	< 0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID27

Compound	Sub-Slab Screening Levels †	Sub-Slab	
		SS-27	Dup-1 (=SS-27)
		5/16/2018	5/16/2018
1,1,1-Trichloroethane	173,333	<6.2	<6.2
1,1,2,2-Tetrachloroethane	16	<7.8	<7.9
1,1,2-Trichloroethane	7	<6.2	<6.2
1,1-Dichloroethane	600	<4.6	<4.6
1,1-Dichloroethene	7,000	<4.5	<4.5
1,2,4-Trichlorobenzene	70	<34	<34
1,2,4-Trimethylbenzene	2,100	<5.6	<5.6
1,2-Dibromoethane (EDB)	1.57	<8.8	<8.8
1,2-Dichlorobenzene	7,000	<6.8	<6.9
1,2-Dichloroethane	36.67	<4.6	<4.6
1,2-Dichloropropane	140	<5.3	<5.3
1,3,5-Trimethylbenzene	2,100	<5.6	<5.6
1,3-Butadiene	31.33	<2.5	<2.5
1,3-Dichlorobenzene	NL	<6.8	<6.9
1,4-Dichlorobenzene	86.67	<6.8	<6.9
1,4-Dioxane	186.67	<16	<16
2,2,4-Trimethylpentane	NL	**38**	**37**
2-Butanone (Methyl Ethyl Ketone)	173,333	<13	<14
2-Hexanone	1,033	<19	<19
2-Propanol (Isopropanol)	7,000	11	<11
3-Chloropropene (Allyl Chloride)	33.3	<14	<14
4-Ethyltoluene	NL	<5.6	<5.6
4-Methyl-2-pentanone	103,333	<4.7	<4.7
Acetone	1,066,667	<27	<27
alpha-Chlorotoluene	NL	<5.9	<5.9
Benzene	120	<3.6	<3.6
Bromodichloromethane	25.3	<7.6	<7.7
Bromoform	867	<12	<12
Bromomethane	173.3	<44	<44
Carbon Disulfide	24,333	<14	<14
Carbon Tetrachloride	156.7	<7.2	<7.2
Chlorobenzene	1,733	<5.2	<5.3
Chloroethane	333,333	12	<12
Chloroform	40	<5.6	<5.6
Chloromethane	3,133	<24	<24
cis-1,2-Dichloroethene	NL	<4.5	<4.5
cis-1,3-Dichloropropene	233	<5.2	<5.2
Cumene	14,000	<5.6	<5.6
Cyclohexane	210,000	<3.9	<3.9
Dibromochloromethane	NL	<9.7	<9.8
Ethanol	NL	**10**	**11**
Ethyl Benzene	367	<4.9	<5.0
Freon 11 (Trichlorofluoromethane)	NL	<6.4	<6.4
Freon 113 (Trichlorotrifluoroethane)	NL	<8.7	<8.8
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.0	<8.0
Freon 12 (Dichlorodifluoromethane)	3,333	<5.6	<5.7
Heptane	14,000	<4.7	<4.7
Hexachlorobutadiene	43.3	<49	<49
Hexane	24,333	<4.0	<4.0
m,p-Xylene	3,333	**34**	**32**
Methyl tert-butyl ether	3,667	<16	<16
Methylene Chloride	21,000	<40	<40
o-Xylene	3,333	**11**	**11**
Propylbenzene	33,333	<5.6	<5.6
Styrene	33,333	<4.8	<4.9
Tetrachloroethene	1,400	**12**	**12**
Tetrahydrofuran	70,000	<3.4	<3.4
Toluene	173,333	**46**	**45**
trans-1,2-Dichloroethene	NL	<4.5	<4.5
trans-1,3-Dichloropropene	233	<5.2	<5.2
Trichloroethene	70	**630**	**640**
Vinyl Chloride	56.7	<2.9	<2.9

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type exceed screening levels

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID28

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		Basement	First Floor
		IA-28-B	IA-28-F
		5/16/2018	5/16/2018
1,1,1-Trichloroethane	5,200	<0.18	<0.15
1,1,2,2-Tetrachloroethane	0.48	<0.23	<0.19
1,1,2-Trichloroethane	0.21	<0.18	<0.15
1,1-Dichloroethane	18	<0.14	<0.11
1,1-Dichloroethene	210	<0.066	<0.054
1,2-Dibromoethane (EDB)	0.047	<0.26	<0.21
1,2-Dichloroethane	1.1	**0.55**	**0.63**
1,4-Dichlorobenzene	2.6	<0.20	<0.16
Benzene	3.6	**1.2**	**1.4**
Carbon Tetrachloride	4.7	**0.46**	**0.54**
Chloroethane	10,000	<0.22	<0.18
Chloroform	1.2	**0.54**	**0.52**
Chloromethane	94	**2.0**	**2.8**
cis-1,2-Dichloroethene	NL	<0.13	<0.11
Ethyl Benzene	11	**1.5**	**2.4**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.23	<0.19
Freon 12 (Dichlorodifluoromethane)	100	**2.3**	**2.3**
m,p-Xylene	100	**5.4**	**8.8**
Methyl tert-butyl ether	110	<0.60	<0.49
o-Xylene	100	**2.3**	**3.7**
Tetrachloroethene	42	<0.23	<0.18
Toluene	5,200	**6.1**	**9.2**
trans-1,2-Dichloroethene	NL	<0.66	<0.54
Trichloroethene	2.1	<0.18	<0.15
Vinyl Chloride	1.7	<0.043	<0.035

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID28

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-28
		4/20/2018
1,1,1-Trichloroethane	173,333	**170**
1,1,2,2-Tetrachloroethane	16	<7.8
1,1,2-Trichloroethane	7	<6.2
1,1-Dichloroethane	600	<4.6
1,1-Dichloroethene	7,000	<4.5
1,2,4-Trichlorobenzene	70	<34
1,2,4-Trimethylbenzene	2,100	<5.6
1,2-Dibromoethane (EDB)	1.57	<8.7
1,2-Dichlorobenzene	7,000	<6.8
1,2-Dichloroethane	36.67	<4.6
1,2-Dichloropropane	140	<5.2
1,3,5-Trimethylbenzene	2,100	<5.6
1,3-Butadiene	31.33	<2.5
1,3-Dichlorobenzene	NL	<6.8
1,4-Dichlorobenzene	86.67	<6.8
1,4-Dioxane	186.67	<16
2,2,4-Trimethylpentane	NL	**43**
2-Butanone (Methyl Ethyl Ketone)	173,333	<13
2-Hexanone	1,033	<18
2-Propanol (Isopropanol)	7,000	<11
3-Chloropropene	33.3	<14
4-Ethyltoluene	NL	<5.6
4-Methyl-2-pentanone	103,333	<4.6
Acetone	1,066,667	<27
alpha-Chlorotoluene	NL	<5.8
Benzene	120	<3.6
Bromodichloromethane	25.3	<7.6
Bromoform	867	<12
Bromomethane	173.3	<44
Carbon Disulfide	24,333	<14
Carbon Tetrachloride	156.7	<7.1
Chlorobenzene	1,733	<5.2
Chloroethane	333,333	<12
Chloroform	40	**6.1**
Chloromethane	3,133	<23
cis-1,2-Dichloroethene	NL	<4.5
cis-1,3-Dichloropropene	233	<5.1
Cumene	14,000	<5.6
Cyclohexane	210,000	<3.9
Dibromochloromethane	NL	<9.6
Ethanol	NL	**16**
Ethyl Benzene	367	**5.2**
Freon 11 (Trichlorofluoromethane)	NL	<6.3
Freon 113 (Trichlorotrifluoroethane)	NL	<8.7
Freon 114 (Dichlorotetrafluoroethane)	NL	<7.9
Freon 12 (Dichlorodifluoromethane)	3,333	<5.6
Heptane	14,000	<4.6
Hexachlorobutadiene	43.3	<48
Hexane	24,333	<4.0
m,p-Xylene	3,333	**39**
Methyl tert-butyl ether	3,667	<16
Methylene Chloride	21,000	<39
o-Xylene	3,333	**14**
Propylbenzene	33,333	<5.6
Styrene	33,333	<4.8
Tetrachloroethene	1,400	<7.7
Tetrahydrofuran	70,000	<3.3
Toluene	173,333	**52**
trans-1,2-Dichloroethene	NL	<4.5
trans-1,3-Dichloropropene	233	<5.1
Trichloroethene	70	<6.1
Vinyl Chloride	56.7	<2.9

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID29

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		Crawl Space		First Floor	
		CS-29		IA-29-F	
		5/16/2018	8/7/2018	5/16/2018	8/7/2018
1,1,1-Trichloroethane	5,200	<0.19	<0.19	<0.20	<0.18
1,1,2,2-Tetrachloroethane	0.48	<0.24	<0.23	<0.24	<0.23
1,1,2-Trichloroethane	0.21	<0.19	<0.19	<0.20	<0.18
1,1-Dichloroethane	18	<0.14	<0.14	<0.14	<0.14
1,1-Dichloroethene	210	<0.070	<0.068	<0.071	<0.067
1,2-Dibromoethane (EDB)	0.047	<0.27	<0.26	<0.28	<0.26
1,2-Dichloroethane	1.1	**0.18**	**0.15**	**0.23**	**0.28**
1,4-Dichlorobenzene	2.6	**0.69**	<0.20	<0.22	<0.20
Benzene	3.6	**1.0**	**1.0**	**1.8**	**2.2**
Carbon Tetrachloride	4.7	**0.48**	**0.59**	**0.44**	**0.55**
Chloroethane	10,000	<0.23	<0.22	<0.24	<0.22
Chloroform	1.2	**0.34**	**0.30**	**0.39**	**0.37**
Chloromethane	94	<1.8	<0.18	**3.1**	**3.0**
cis-1,2-Dichloroethene	NL	<0.14	<0.14	<0.14	<0.13
Ethyl Benzene	11	**0.4**	**0.3**	**0.7**	0.88
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.25	<0.24	<0.25	<0.23
Freon 12 (Dichlorodifluoromethane)	100	**2.4**	**2.4**	**2.4**	**2.2**
m,p-Xylene	100	**1.2**	**0.96**	**2.2**	**2.6**
Methyl tert-butyl ether	110	<0.64	<0.62	<0.64	<0.60
o-Xylene	100	**0.39**	**0.30**	**0.66**	**0.74**
Tetrachloroethene	42	**2.1**	<0.23	**2.6**	<0.23
Toluene	5,200	**2.6**	**3.3**	**4.8**	**9.1**
trans-1,2-Dichloroethene	NL	<0.70	<0.68	<0.71	<0.67
Trichloroethene	2.1	<0.19	<0.18	<0.19	<0.18
Vinyl Chloride	1.7	<0.046	<0.044	<0.0046	<0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID30

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		First Floor			
		IA-30-F	IA-30-F	IA-30-F	IA-30-F
		05/15/2018	08/16/2018	08/16/2018 (Duplicate)	01/24/2019
1,1,1-Trichloroethane	22000	< 0.93	< 0.19	< 0.18	< 0.17
1,1,2,2-Tetrachloroethane	2.1	< 1.2	< 0.24	< 0.22	< 0.21
1,1,2-Trichloroethane	0.88	< 0.93	< 0.19	< 0.18	< 0.17
1,1-Dichloroethane	77	< 0.69	< 0.14	< 0.13	< 0.12
1,1-Dichloroethene	880	< 0.34	< 0.068	< 0.065	< 0.061
1,2-Dibromoethane	0.2	< 1.3	< 0.26	< 0.25	< 0.24
1,2-Dichloroethane	4.7	**4.0**	**3.3**	**3.3**	**0.53**
1,2-Dichlorotetrafluoroethane	NA	< 1.2	< 0.24	< 0.23	< 0.21
1,4-Dichlorobenzene	11	< 1.0	< 0.21	< 0.20	< 0.18
Benzene	16	< 1.4	**0.62**	**0.61**	**0.43**
Carbon Tetrachloride	20	< 1.1	**0.46**	**0.47**	**0.44**
CFC-12	440	**2.4**	**2.1**	**2.1**	**2.3**
Chloroethane	44000	< 1.1	< 0.23	< 0.22	< 0.20
Chloroform	5.3	< 0.83	**0.19**	**0.19**	< 0.15
Chloromethane	390	< 8.8	**2.4**	**2.4**	< 1.6
cis-1,2-Dichloroethene	NA	< 0.67	< 0.14	< 0.13	< 0.12
Ethylbenzene	49	< 0.74	**0.35**	**0.32**	**0.17**
m&p-Xylenes	440	< 1.5	**0.83**	**0.80**	**0.58**
Methyl-tert-butylether	180	< 3.1	< 0.62	< 0.59	< 0.55
o-Xylene	440	< 0.74	**0.41**	**0.34**	**0.22**
Tetrachloroethene	180	< 1.2	< 0.23	< 0.22	< 0.21
Toluene	22000	**2.6**	**2.5**	**2.2**	**0.88**
trans-1,2-Dichloroethene	NA	< 3.4	< 0.68	< 0.65	< 0.61
Trichloroethene	8.8	**1.4**	**1.1**	**1.1**	**1.7**
Vinyl chloride	28	< 0.22	< 0.044	< 0.042	< 0.039

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for ommercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID30

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-30		
		05/16/2018	08/17/2018	02/13/2019
1,1,1-Trichloroethane	733333	< 6.2	< 6.2	< 7.1
1,1,2,2-Tetrachloroethane	70	< 7.9	< 7.8	< 8.9
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 8.8	< 8.7	< 9.9
1,1,2-Trichloroethane	29	< 6.2	< 6.2	< 7.1
1,1-Dichloroethane	2567	< 4.6	< 4.6	< 5.2
1,1-Dichloroethene	29333	< 4.5	< 4.5	< 5.1
1,2,4-Trichlorobenzene	293	< 34	< 34	< 38
1,2,4-Trimethylbenzene	8667	< 5.6	< 5.6	< 6.4
1,2-Dibromoethane	7	< 8.8	< 8.8	< 10
1,2-Dichlorobenzene	29333	< 6.9	< 6.8	< 7.8
1,2-Dichloroethane	157	< 4.6	< 4.6	< 5.2
1,2-Dichloropropane	600	< 5.3	< 5.3	< 6.0
1,2-Dichlorotetrafluoroethane	NL	< 8.0	< 8.0	< 9.0
1,3,5-Trimethylbenzene	8667	< 5.6	< 5.6	< 6.4
1,3-Butadiene	31.33	< 2.5	< 2.5	< 2.9
1,3-Dichlorobenzene	NL	< 6.9	< 6.8	< 7.8
1,4-Dichlorobenzene	367	< 6.9	< 6.8	< 7.8
1,4-Dioxane	833	< 16	< 16	< 19
2,2,4-Trimethylpentane	NL	**18**	< 5.3	**250**
2-Butanone (MEK)	NL	< 14	< 13	< 15
4-Ethyltoluene	NL	< 5.6	< 5.6	< 6.4
4-Methyl-2-Pentanone	433333	< 4.7	< 4.7	< 5.3
Acetone	4666667	**100**	< 27	< 31
Allyl chloride	33.3	< 14	< 14	< 16
Benzene	533	< 3.6	< 3.6	< 4.1
Benzyl Chloride	NL	< 5.9	< 5.9	< 6.7
Bromodichloromethane	110	< 7.7	< 7.6	< 8.7
Bromoform	3667	< 12	< 12	< 13
Bromomethane	13000	< 44	< 44	< 50
Carbon Disulfide	103333	< 14	< 14	< 16
Carbon Tetrachloride	667	< 7.2	< 7.2	< 8.1
CFC-11	NL	< 6.4	< 6.4	< 7.3
CFC-12	14667	< 5.7	< 5.6	< 6.4
Chlorobenzene	7333	< 5.3	< 5.2	< 6.0
Chlorodibromomethane	NL	< 9.8	< 9.7	< 11
Chloroethane	1466667	< 12	< 12	< 14
Chloroform	177	< 5.6	< 5.6	< 6.3
Chloromethane	13000	< 24	< 24	< 27
cis-1,2-Dichloroethene	NL	< 4.5	< 4.5	< 5.1
cis-1,3-Dichloropropene	1033	< 5.2	< 5.2	< 5.9
Cyclohexane	866667	< 3.9	< 3.9	< 4.4
Dichloromethane	86667	< 40	< 40	< 45
Ethanol	NL	**220**	**22**	**14**
Ethylbenzene	1633	< 5.0	< 4.9	< 5.6
Hexachloro-1,3-butadiene	187	< 49	< 49	< 55
Hexane	103333	< 4.0	< 4.0	< 4.6
Isopropyl alcohol	29222	**18**	< 11	< 13
Isopropylbenzene	14000	< 5.6	< 5.6	< 6.4
m&p-Xylenes	14667	**14**	< 5.0	**16**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 19	< 19	< 21
Methyl-tert-butylether	6000	< 16	< 16	< 19
n-Heptane	14000	< 4.7	< 4.7	< 5.3
n-Propylbenzene	33333	< 5.6	< 5.6	< 6.4
o-Xylene	14667	**6.2**	< 5.0	**7.1**
Styrene (Monomer)	146667	< 4.9	< 4.8	< 5.5
Tetrachloroethene	6000	< 7.8	< 7.7	< 8.8
Tetrahydrofuran	293333	< 3.4	< 3.4	< 3.8
Toluene	733333	**17**	< 4.3	**14**
trans-1,2-Dichloroethene	NL	< 4.5	< 4.5	**8.3**
trans-1,3-Dichloropropene	1033	< 5.2	< 5.2	< 5.9
Trichloroethene	293	**110**	**75**	**410**
Vinyl chloride	933	< 2.9	< 2.9	< 3.3

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID31

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-31-B			IA-31-F		
		05/15/2018	08/15/2018	01/16/2019	05/15/2018	08/15/2018	01/16/2019
1,1,1-Trichloroethane	5200	< 0.19	< 0.15	< 0.16	< 0.18	< 0.20	< 0.19
1,1,2,2-Tetrachloroethane	0.48	< 0.24	< 0.18	< 0.21	< 0.23	< 0.25	< 0.24
1,1,2-Trichloroethane	0.21	< 0.19	< 0.15	< 0.16	< 0.18	< 0.20	< 0.19
1,1-Dichloroethane	18	< 0.14	< 0.11	< 0.12	< 0.14	< 0.15	< 0.14
1,1-Dichloroethene	210	< 0.068	< 0.053	< 0.060	< 0.067	< 0.072	< 0.070
1,2-Dibromoethane	0.047	< 0.26	< 0.20	< 0.23	< 0.26	< 0.28	< 0.27
1,2-Dichloroethane	1.1	**1.5**	**1.0**	**0.52**	**1.7**	**0.85**	**0.68**
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.19	< 0.21	< 0.24	< 0.26	< 0.25
1,4-Dichlorobenzene	2.6	**0.65**	**0.50**	< 0.18	**0.68**	**0.36**	< 0.21
Benzene	3.6	**0.39**	**0.35**	**0.42**	**0.38**	< 0.29	**0.46**
Carbon Tetrachloride	4.7	**0.43**	**0.56**	**0.54**	**0.47**	**0.55**	**0.55**
CFC-12	100	**2.3**	**2.2**	**2.8**	**2.4**	**2.0**	**2.8**
Chloroethane	10000	< 0.23	< 0.18	< 0.20	< 0.22	< 0.24	< 0.23
Chloroform	1.2	**0.24**	**0.80**	**0.31**	**0.31**	**1.1**	**0.49**
Chloromethane	94	< 1.8	< 1.4	< 1.6	< 1.7	< 1.9	< 1.8
cis-1,2-Dichloroethene	NL	< 0.14	< 0.11	< 0.12	< 0.13	< 0.14	< 0.14
Ethylbenzene	11	**0.39**	< 0.12	**0.18**	**0.51**	**0.18**	**0.24**
m&p-Xylenes	100	**1.1**	**0.29**	**0.44**	**1.4**	**0.57**	**0.56**
Methyl-tert-butylether	110	< 0.62	< 0.48	< 0.55	< 0.61	< 0.66	< 0.63
o-Xylene	100	**0.48**	**0.17**	**0.20**	**0.56**	**0.38**	**0.25**
Tetrachloroethene	42	**4.2**	< 0.18	< 0.21	**5.5**	< 0.25	< 0.24
Toluene	5200	**3.3**	**1.4**	**0.98**	**4.5**	**1.7**	**1.3**
trans-1,2-Dichloroethene	NL	< 0.68	< 0.53	< 0.60	< 0.67	< 0.72	< 0.70
Trichloroethene	2.1	**0.80**	< 0.14	< 0.16	**0.83**	< 0.20	< 0.19
Vinyl chloride	1.7	< 0.044	< 0.034	< 0.039	< 0.043	< 0.047	< 0.045

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement
Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID31

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-31
		5/16/2018
1,1,1-Trichloroethane	173,333	**23**
1,1,2,2-Tetrachloroethane	16	<14
1,1,2-Trichloroethane	7	<11
1,1-Dichloroethane	600	<8.0
1,1-Dichloroethene	7,000	<7.9
1,2,4-Trichlorobenzene	70	<59
1,2,4-Trimethylbenzene	2,100	<9.8
1,2-Dibromoethane (EDB)	1.57	<15
1,2-Dichlorobenzene	7,000	<12
1,2-Dichloroethane	36.67	<8.0
1,2-Dichloropropane	140	<9.2
1,3,5-Trimethylbenzene	2,100	<9.8
1,3-Butadiene	31.33	<4.4
1,3-Dichlorobenzene	NL	<12
1,4-Dichlorobenzene	86.67	<12
1,4-Dioxane	186.67	<29
2,2,4-Trimethylpentane	NL	**19**
2-Butanone (Methyl Ethyl Ketone)	173,333	<23
2-Hexanone	1,033	<32
2-Propanol (Isopropanol)	7,000	<20
3-Chloropropene	33.3	<25
4-Ethyltoluene	NL	<9.8
4-Methyl-2-pentanone	103,333	<8.1
Acetone	1,066,667	**65**
alpha-Chlorotoluene	NL	<10
Benzene	120	<6.3
Bromodichloromethane	25.3	<13
Bromoform	867	<20
Bromomethane	173.3	<77
Carbon Disulfide	24,333	<25
Carbon Tetrachloride	156.7	**34**
Chlorobenzene	1,733	<9.1
Chloroethane	333,333	<21
Chloroform	40	**23**
Chloromethane	3,133	<41
cis-1,2-Dichloroethene	NL	<7.9
cis-1,3-Dichloropropene	233	<9.0
Cumene	14,000	<9.8
Cyclohexane	210,000	<6.8
Dibromochloromethane	NL	<17
Ethanol	NL	**60**
Ethyl Benzene	367	<8.6
Freon 11 (Trichlorofluoromethane)	NL	<11
Freon 113 (Trichlorotrifluoroethane)	NL	<15
Freon 114 (Dichlorotetrafluoroethane)	NL	<14
Freon 12 (Dichlorodifluoromethane)	3,333	38
Heptane	14,000	<8.1
Hexachlorobutadiene	43.3	<85
Hexane	24,333	<7.0
m,p-Xylene	3,333	**23**
Methyl tert-butyl ether	3,667	<29
Methylene Chloride	21,000	<69
o-Xylene	3,333	**9.3**
Propylbenzene	33,333	<9.8
Styrene	33,333	<8.4
Tetrachloroethene	1,400	<13
Tetrahydrofuran	70,000	<5.8
Toluene	173,333	**27**
trans-1,2-Dichloroethene	NL	<7.9
trans-1,3-Dichloropropene	233	<9.0
Trichloroethene	70	**2,000**
Vinyl Chloride	56.7	<5.1

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID32

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Crawl Space			First Floor		
		IA-32-C			IA-32-F		
		05/22/2018	08/06/2018	01/22/2019	05/22/2018	08/06/2018	01/22/2019
1,1,1-Trichloroethane	5200	< 0.20	< 0.18	< 0.17	< 0.83	< 0.21	< 0.19
1,1,2,2-Tetrachloroethane	0.48	< 0.26	< 0.23	< 0.21	< 1.0	< 0.26	< 0.23
1,1,2-Trichloroethane	0.21	< 0.20	< 0.18	< 0.17	< 0.83	< 0.21	< 0.19
1,1-Dichloroethane	18	< 0.15	< 0.14	< 0.12	< 0.62	< 0.15	< 0.14
1,1-Dichloroethene	210	< 0.074	< 0.067	< 0.061	< 0.30	< 0.075	< 0.068
1,2-Dibromoethane	0.047	< 0.28	< 0.26	< 0.24	< 1.2	< 0.29	< 0.26
1,2-Dichloroethane	1.1	**0.34**	**0.30**	< 0.12	< 0.62	**0.23**	< 0.14
1,2-Dichlorotetrafluoroethane	NA	< 0.26	< 0.24	< 0.22	< 1.1	< 0.26	< 0.24
1,4-Dichlorobenzene	2.6	< 0.22	**70**	< 0.19	< 0.92	**38**	< 0.20
Benzene	3.6	**0.43**	**0.37**	**0.34**	**4.7**	**0.64**	**0.48**
Carbon Tetrachloride	4.7	**0.98**	**0.53**	**0.50**	< 0.96	**0.61**	**0.50**
CFC-12	100	**2.4**	**2.4**	**2.4**	**2.4**	**2.6**	**2.3**
Chloroethane	10000	< 0.24	< 0.22	< 0.20	< 1.0	< 0.25	< 0.22
Chloroform	1.2	**0.46**	**0.30**	< 0.15	< 0.75	**0.27**	< 0.17
Chloromethane	94	< 1.9	**2.1**	< 1.6	< 7.9	< 2.0J	< 1.8
cis-1,2-Dichloroethene	NA	< 0.15	< 0.13	< 0.12	< 0.61	< 0.15	< 0.14
Ethylbenzene	11	**0.33**	**0.55**	< 0.13	**1.2**	**1.1**	**0.16**
m&p-Xylenes	100	**1.1**	**1.3**	**0.60**	**3.5**	**3.3**	**0.62**
Methyl-tert-butylether	110	< 0.67	< 0.61	< 0.56	< 2.8	< 0.68	< 0.62
o-Xylene	100	**0.67**	**0.46**	**0.28**	**1.0**	**1.0**	**0.23**
Tetrachloroethene	42	**1.1**	**1.2**	**0.21 J**	< 1.0	< 0.26	< 0.23
Toluene	5200	**3.4**	**0.69**	**0.38**	**7.9**	**1.5**	**0.63**
trans-1,2-Dichloroethene	NA	< 0.74	< 0.67	< 0.61	< 3.0	< 0.75	< 0.68
Trichloroethene	2.1	< 0.20	< 0.18	< 0.17	< 0.82	< 0.20	< 0.18
Vinyl chloride	1.7	< 0.048	< 0.043	< 0.040	< 0.20	< 0.048	< 0.044

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID33

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Crawl Space			First Floor		
		IA-33-C	CS-33	CS-33	IA-33-F	IA-33-F	IA-33-F
		05/22/2018	08/06/2018	01/29/2019	05/22/2018	08/06/2018	01/29/2019
1,1,1-Trichloroethane	5200	< 0.20	< 0.18	< 0.18	< 0.63	< 1.8	< 0.17
1,1,2,2-Tetrachloroethane	0.48	< 0.25	< 0.22	< 0.22	< 0.79	< 2.3	< 0.22
1,1,2-Trichloroethane	0.21	< 0.20	< 0.18	< 0.18	< 0.63	< 1.8	< 0.17
1,1-Dichloroethane	18	< 0.15	< 0.13	< 0.13	< 0.47	< 1.4	< 0.13
1,1-Dichloroethene	210	< 0.072	< 0.065	< 0.065	< 0.23	< 0.67	< 0.063
1,2-Dibromoethane	0.047	< 0.28	< 0.25	< 0.25	< 0.88	< 2.6	< 0.24
1,2-Dichloroethane	1.1	**1.7**	**2.5**	< 0.13	**3.9**	**8.0**	**0.48**
1,2-Dichlorotetrafluoroethane	NL	< 0.26	< 0.23	< 0.23	< 0.80	< 2.3	< 0.22
1,4-Dichlorobenzene	2.6	< 0.22	< 0.20	< 0.20	< 0.69	< 2.0	< 0.19
Benzene	3.6	**4.6**	**2.8**	**0.41**	**11**	**9.7**	**5.6**
Carbon Tetrachloride	4.7	**0.56**	**0.60**	**0.45**	< 0.72	< 2.1	**0.50**
CFC-12	100	**2.2**	**2.5**	**2.5**	**2.4**	**2.7**	**2.4**
Chloroethane	10000	< 0.24	< 0.22	< 0.22	< 0.76	< 2.2	< 0.21
Chloroform	1.2	**0.37**	**0.67**	< 0.16	**0.65**	< 1.6	**0.23**
Chloromethane	94	**5.6**	**3.5**	< 1.7	**14**	< 17	**6.3**
cis-1,2-Dichloroethene	NL	< 0.14	< 0.13	< 0.13	< 0.46	< 1.3	< 0.13
Ethylbenzene	11	**1.3**	**0.97**	< 0.14	**3.2**	**3.4**	**1.2**
m&p-Xylenes	100	**3.7**	**2.6**	< 0.28	**8.9**	**8.4**	**3.4**
Methyl-tert-butylether	110	< 0.66	< 0.59	< 0.59	< 2.1	< 6.0	< 0.57
o-Xylene	100	**0.99**	**0.81**	< 0.14	**2.2**	**2.4**	**0.77**
Tetrachloroethene	42	< 0.25	< 0.22	< 0.22	< 0.78	< 2.3	< 0.22
Toluene	5200	**11**	**7.1**	**0.43**	**28**	**25**	**9.6**
trans-1,2-Dichloroethene	NL	< 0.72	< 0.65	< 0.65	< 2.3	< 6.7	< 0.63
Trichloroethene	2.1	< 0.20	< 0.18	< 0.18	< 0.62	< 1.8	< 0.17
Vinyl chloride	1.7	< 0.047	< 0.042	< 0.042	< 0.15	< 0.43	< 0.041

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded cell indicates screening level exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID34

Compound	IDEM Indoor Air Screening Levels	Basement					Crawl Space		First Floor		
		IA-34-B					CS-34		IA-34-F		
		05/22/2018	5/22/2018 (Duplicate)	08/16/2018	01/18/2019	1/18/2019 (Duplicate)	08/16/2018	01/18/2019	05/22/2018	08/16/2018	01/18/2019
1,1,1-Trichloroethane	5200	**0.20**	< 0.17	< 0.19	< 0.17	< 0.18	< 0.16	< 0.17	< 1.0	< 0.15	< 0.17
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.22	< 0.24	< 0.21	< 0.23	< 0.20	< 0.21	< 1.3	< 0.19	< 0.21
1,1,2-Trichloroethane	0.21	< 0.18	< 0.17	< 0.19	< 0.17	< 0.18	< 0.16	< 0.17	< 1.0	< 0.15	< 0.17
1,1-Dichloroethane	18	< 0.14	< 0.13	< 0.14	< 0.12	< 0.13	< 0.12	< 0.12	< 0.77	< 0.11	< 0.12
1,1-Dichloroethene	210	< 0.067	< 0.063	< 0.070	< 0.061	< 0.066	< 0.057	< 0.061	< 0.38	< 0.054	< 0.061
1,2-Dibromoethane	0.047	< 0.26	< 0.24	< 0.27	< 0.24	< 0.26	< 0.22	< 0.24	< 1.5	< 0.21	< 0.24
1,2-Dichloroethane	1.1	**1.2**	**1.1**	**0.50**	**0.18**	**0.21**	**0.37**	**0.53**	**2.0**	**0.77**	**0.40**
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.22	< 0.25	< 0.22	< 0.23	< 0.20	**0.22**	< 1.3	< 0.19	< 0.22
1,4-Dichlorobenzene	2.6	**1.0**	**1.0**	**0.46**	< 0.18	< 0.20	**0.40**	< 0.18	**1.5**	**0.51**	< 0.18
Benzene	3.6	**0.58**	**0.58**	**0.38**	**0.61**	**0.63**	**0.34**	**0.95**	< 1.5	**0.40**	**0.65**
Carbon Tetrachloride	4.7	**0.63**	**0.57**	**0.44**	**0.55**	**0.55**	**0.45**	**4.0**	< 1.2	**0.54**	**0.56**
CFC-12	100	**2.3**	**2.4**	**2.0**	**2.6**	**2.7**	**2.2**	**2.5**	**2.4**	**2.1**	**2.7**
Chloroethane	10000	< 0.22	< 0.21	< 0.23	< 0.20	< 0.22	< 0.19	< 0.20	< 1.2	< 0.18	< 0.20
Chloroform	1.2	**0.60**	**0.58**	**0.25**	< 0.15	< 0.16	**0.22**	< 0.15	< 0.93	**0.28**	**0.18**
Chloromethane	94	< 1.8	< 1.6	< 1.8	< 1.6	< 1.7	< 1.5	< 1.6	< 9.8	1.4 U	< 1.6
cis-1,2-Dichloroethene	NL	< 0.13	< 0.12	< 0.14	< 0.12	< 0.13	< 0.11	< 0.12	< 0.75	< 0.11	< 0.12
Ethylbenzene	11	**0.60**	**0.60**	**0.22**	**0.20**	**0.20**	**0.18**	**0.18**	**0.96**	**0.24**	**0.23**
m&p-Xylenes	100	**1.3**	**1.3**	**0.49**	**0.64**	**0.60**	**0.42**	**0.57**	**1.7**	**0.49**	**0.64**
Methyl-tert-butylether	110	< 0.61	< 0.57	< 0.63	< 0.56	< 0.60	< 0.52	< 0.55	< 3.4	< 0.49	< 0.56
o-Xylene	100	**0.63**	**0.62**	**0.28**	**0.27**	**0.25**	**0.24**	**0.23**	**0.88**	**0.28**	**0.25**
Tetrachloroethene	42	< 0.23	< 0.21	< 0.24	< 0.21	< 0.22	< 0.20	< 0.21	< 1.3	< 0.18	< 0.21
Toluene	5200	**8.7**	**8.4**	**3.6**	**1.2**	**1.2**	**2.8**	**1.4**	**14**	**4.8**	**1.8**
trans-1,2-Dichloroethene	NL	< 0.67	< 0.63	< 0.70	< 0.61	< 0.66	< 0.57	< 0.61	< 3.8	< 0.54	< 0.61
Trichloroethene	2.1	**1.4**	**1.4**	< 0.19	< 0.16	< 0.18	< 0.15	< 0.16	< 1.0	< 0.15	< 0.16
Vinyl chloride	1.7	< 0.043	< 0.040	< 0.045	< 0.039	< 0.042	< 0.037	**0.22**	< 0.24	< 0.035	< 0.039

Notes:

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : * : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : ug/m^3 : micrograms per cubic meter

BOLD : BOLD : Concentrations in **bold** type indicate detected compound

DUP : DUP : Duplicate sample

IDEM : IDEM : Indiana Department of Environmental Management

NL : NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID34

Compound	Sub-Slab Screening Levels †	Sub-Slab	
		SS-34	
		5/23/2018	5/23/2018 (Duplicate)
1,1,1-Trichloroethane	173,333	<64	<41
1,1,2,2-Tetrachloroethane	16	<81	<51
1,1,2-Trichloroethane	7	<64	<41
1,1-Dichloroethane	600	<48	<30
1,1-Dichloroethene	7,000	<46	<30
1,2,4-Trichlorobenzene	70	<350	<220
1,2,4-Trimethylbenzene	2,100	<58	<37
1,2-Dibromoethane (EDB)	1.57	<90	<58
1,2-Dichlorobenzene	7,000	<71	<37
1,2-Dichloroethane	36.67	<48	<30
1,2-Dichloropropane	140	<54	<35
1,3,5-Trimethylbenzene	2,100	<58	<37
1,3-Butadiene	31.33	<26	<16
1,3-Dichlorobenzene	NL	<71	<45
1,4-Dichlorobenzene	86.67	<71	<45
1,4-Dioxane	186.67	<170	<110
2,2,4-Trimethylpentane	NL	<55	<35
2-Butanone (Methyl Ethyl Ketone)	173,333	<140	<88
2-Hexanone	1,033	<190	<120
2-Propanol (Isopropanol)	7,000	<120	<74
3-Chloropropene	33.3	<150	<94
4-Ethyltoluene	NL	<58	<37
4-Methyl-2-pentanone	103,333	<48	<31
Acetone	1,066,667	<280	<180
alpha-Chlorotoluene	NL	<61	<39
Benzene	120	<38	<24
Bromodichloromethane	25.3	<79	<50
Bromoform	867	<120	<78
Bromomethane	173.3	<460	<290
Carbon Disulfide	24,333	<150	<93
Carbon Tetrachloride	156.7	<74	<47
Chlorobenzene	1,733	<54	<34
Chloroethane	333,333	<120	<79
Chloroform	40	<57	<37
Chloromethane	3,133	<240	<150
cis-1,2-Dichloroethene	NL	<46	<30
cis-1,3-Dichloropropene	233	<53	<34
Cumene	14,000	<58	<37
Cyclohexane	210,000	<40	<26
Dibromochloromethane	NL	<100	<64
Ethanol	NL	<88	<56
Ethyl Benzene	367	<51	<32
Freon 11 (Trichlorofluoromethane)	NL	<66	<42
Freon 113 (Trichlorotrifluoroethane)	NL	<90	<57
Freon 114 (Dichlorotetrafluoroethane)	NL	<82	<52
Freon 12 (Dichlorodifluoromethane)	3,333	<58	<37
Heptane	14,000	<48	<31
Hexachlorobutadiene	43.3	<500	<320
Hexane	24,333	<41	<26
m,p-Xylene	3,333	<51	<32
Methyl tert-butyl ether	3,667	<170	<110
Methylene Chloride	21,000	<410	<260
o-Xylene	3,333	<51	<32
Propylbenzene	33,333	<58	<37
Styrene	33,333	<50	<32
Tetrachloroethene	1,400	**120**	**120**
Tetrahydrofuran	70,000	<35	<22
Toluene	173,333	<44	<28
trans-1,2-Dichloroethene	NL	<46	<30
trans-1,3-Dichloropropene	233	<53	<34
Trichloroethene	70	**10,000**	**10,000**
Vinyl Chloride	56.7	<30	<19

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas.
Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID35

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-35-B			IA-35-F		
		05/22/2018	08/20/2018	01/17/2019	05/22/2018	08/20/2018	01/17/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.16	< 0.14	< 0.19	< 0.20	< 0.21
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.20	< 0.18	< 0.24	< 0.24	< 0.26
1,1,2-Trichloroethane	0.21	< 0.18	< 0.16	< 0.14	< 0.19	< 0.20	< 0.21
1,1-Dichloroethane	18	< 0.14	< 0.12	< 0.11	< 0.14	< 0.14	< 0.15
1,1-Dichloroethene	210	< 0.067	< 0.059	< 0.052	< 0.069	< 0.071	< 0.076
1,2-Dibromoethane	0.047	< 0.26	< 0.23	< 0.20	< 0.27	< 0.28	< 0.29
1,2-Dichloroethane	1.1	**0.19**	**0.21**	< 0.11	**0.23**	**0.17**	< 0.15
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.21	< 0.18	< 0.24	< 0.25	< 0.27
1,4-Dichlorobenzene	2.6	< 0.20	< 0.18	< 0.16	< 0.21	< 0.22	< 0.23
Benzene	3.6	**1.8**	**1.2**	**0.70**	**2.7**	**1.3**	**1.5**
Carbon Tetrachloride	4.7	**0.55**	**0.56**	**0.56**	**0.60**	**0.48**	**0.53**
CFC-12	100	**3.9**	**3.0**	**2.9**	**3.3**	**2.8**	**2.8**
Chloroethane	10000	< 0.22	< 0.20	< 0.17	< 0.23	< 0.24	< 0.25
Chloroform	1.2	**0.35**	**0.75**	< 0.13	**0.42**	**0.52**	< 0.19
Chloromethane	94	**2.5**	**1.7 J**	< 1.4	**3.1**	**2.0 J**	**2.5**
cis-1,2-Dichloroethene	NL	< 0.13	< 0.12	< 0.10	< 0.14	< 0.14	< 0.15
Ethylbenzene	11	**0.90**	**0.68**	**0.19**	**1.2**	**0.69**	**0.46**
m&p-Xylenes	100	**2.3**	**1.8**	**0.55**	**3.1**	**1.9**	**1.5**
Methyl-tert-butylether	110	< 0.61	< 0.54	< 0.48	< 0.63	< 0.64	< 0.69
o-Xylene	100	**0.76**	**0.64**	**0.20**	**1.0**	**0.66**	**0.41**
Tetrachloroethene	42	< 0.23	< 0.20	< 0.18	< 0.24	< 0.24	< 0.26
Toluene	5200	**4.7**	**4.2**	**1.2**	**6.0**	**3.6**	**3.0**
trans-1,2-Dichloroethene	NL	< 0.67	< 0.59	< 0.52	< 0.69	< 0.71	< 0.76
Trichloroethene	2.1	**0.85**	< 0.16	< 0.14	**0.71**	< 0.19	< 0.20
Vinyl chloride	1.7	< 0.043	< 0.038	< 0.034	< 0.045	< 0.046	< 0.049

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID35

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-35
		5/23/2018
1,1,1-Trichloroethane	173,333	<17
1,1,2,2-Tetrachloroethane	16	<21
1,1,2-Trichloroethane	7	<17
1,1-Dichloroethane	600	<13
1,1-Dichloroethene	7,000	<12
1,2,4-Trichlorobenzene	70	<93
1,2,4-Trimethylbenzene	2,100	<15
1,2-Dibromoethane (EDB)	1.57	<24
1,2-Dichlorobenzene	7,000	<19
1,2-Dichloroethane	36.67	<13
1,2-Dichloropropane	140	<14
1,3,5-Trimethylbenzene	2,100	<15
1,3-Butadiene	31.33	<6.9
1,3-Dichlorobenzene	NL	<19
1,4-Dichlorobenzene	86.67	<19
1,4-Dioxane	186.67	<45
2,2,4-Trimethylpentane	NL	<15
2-Butanone (Methyl Ethyl Ketone)	173,333	<37
2-Hexanone	1,033	<51
2-Propanol (Isopropanol)	7,000	<31
3-Chloropropene	33.3	<39
4-Ethyltoluene	NL	<15
4-Methyl-2-pentanone	103,333	<13
Acetone	1,066,667	**87**
alpha-Chlorotoluene	NL	<16
Benzene	120	<10
Bromodichloromethane	25.3	<21
Bromoform	867	<32
Bromomethane	173.3	<120
Carbon Disulfide	24,333	<39
Carbon Tetrachloride	156.7	<20
Chlorobenzene	1,733	<14
Chloroethane	333,333	<33
Chloroform	40	<15
Chloromethane	3,133	<65
cis-1,2-Dichloroethene	NL	<12
cis-1,3-Dichloropropene	233	<14
Cumene	14,000	<15
Cyclohexane	210,000	<11
Dibromochloromethane	NL	<27
Ethanol	NL	**73**
Ethyl Benzene	367	<14
Freon 11 (Trichlorofluoromethane)	NL	<18
Freon 113 (Trichlorotrifluoroethane)	NL	<24
Freon 114 (Dichlorotetrafluoroethane)	NL	<22
Freon 12 (Dichlorodifluoromethane)	3,333	<15
Heptane	14,000	<13
Hexachlorobutadiene	43.3	<130
Hexane	24,333	<11
m,p-Xylene	3,333	<14
Methyl tert-butyl ether	3,667	<45
Methylene Chloride	21,000	<110
o-Xylene	3,333	<14
Propylbenzene	33,333	<15
Styrene	33,333	<13
Tetrachloroethene	1,400	<21
Tetrahydrofuran	70,000	<9.2
Toluene	173,333	<12
trans-1,2-Dichloroethene	NL	**30**
trans-1,3-Dichloropropene	233	<14
Trichloroethene	70	**4,000**
Vinyl Chloride	56.7	<8.0

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure 36

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		Basement	First Floor
		36B	36F
		5/23/2018	5/23/2018
1,1,1-Trichloroethane	5,200	<0.15	<0.31
1,1,2,2-Tetrachloroethane	0.48	<0.19	<0.40
1,1,2-Trichloroethane	0.21	<0.15	<0.31
1,1-Dichloroethane	18	<0.11	<0.23
1,1-Dichloroethene	210	<0.054	<0.11
1,2-Dibromoethane (EDB)	0.047	<0.21	<0.44
1,2-Dichloroethane	1.1	**3.2**	**2.9**
1,4-Dichlorobenzene	2.6	<0.16	<0.35
Benzene	3.6	**0.45**	**0.65**
Carbon Tetrachloride	4.7	**0.62**	**0.42**
Chloroethane	10,000	<0.18	<0.38
Chloroform	1.2	**0.28**	**0.38**
Chloromethane	94	<1.4	<3.0
cis-1,2-Dichloroethene	NL	<0.11	<0.23
Ethyl Benzene	11	**0.40**	**0.46**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.19	<0.40
Freon 12 (Dichlorodifluoromethane)	100	**2.5**	**2.3**
m,p-Xylene	100	**0.99**	**1.0**
Methyl tert-butyl ether	110	<0.49	<1.0
o-Xylene	100	**0.39**	**0.41**
Tetrachloroethene	42	<0.18	<0.39
Toluene	5,200	**2.7**	**4.0**
trans-1,2-Dichloroethene	NL	<0.54	<1.1
Trichloroethene	2.1	**0.31**	<0.31
Vinyl Chloride	1.7	<0.035	<0.074

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID36

Compound	Sub-Slab Screening Levels †	Sub-Slab 36SS 5/22/2018
1,1,1-Trichloroethane	173,333	<6.8
1,1,2,2-Tetrachloroethane	16	<8.6
1,1,2-Trichloroethane	7	<6.8
1,1-Dichloroethane	600	<5.0
1,1-Dichloroethene	7,000	<5.0
1,2,4-Trichlorobenzene	70	<37
1,2,4-Trimethylbenzene	2,100	<6.1
1,2-Dibromoethane (EDB)	1.57	<9.6
1,2-Dichlorobenzene	7,000	<7.5
1,2-Dichloroethane	36.67	<5.0
1,2-Dichloropropane	140	<5.8
1,3,5-Trimethylbenzene	2,100	<6.1
1,3-Butadiene	31.33	<2.8
1,3-Dichlorobenzene	NL	<7.5
1,4-Dichlorobenzene	86.67	<7.5
1,4-Dioxane	186.67	<18
2,2,4-Trimethylpentane	NL	**7.0**
2-Butanone (Methyl Ethyl Ketone)	173,333	<15
2-Hexanone	1,033	<20
2-Propanol (Isopropanol)	7,000	<12
3-Chloropropene	33.3	<16
4-Ethyltoluene	NL	<6.1
4-Methyl-2-pentanone	103,333	<5.1
Acetone	1,066,667	**48**
alpha-Chlorotoluene	NL	<6.5
Benzene	120	<4.0
Bromodichloromethane	25.3	<8.4
Bromoform	867	<13
Bromomethane	173.3	<48
Carbon Disulfide	24,333	<16
Carbon Tetrachloride	156.7	<7.9
Chlorobenzene	1,733	<5.8
Chloroethane	333,333	<13
Chloroform	40	<6.1
Chloromethane	3,133	<26
cis-1,2-Dichloroethene	NL	<5.0
cis-1,3-Dichloropropene	233	<5.7
Cumene	14,000	<6.1
Cyclohexane	210,000	<4.3
Dibromochloromethane	NL	<11
Ethanol	NL	**53**
Ethyl Benzene	367	<5.4
Freon 11 (Trichlorofluoromethane)	NL	<7.0
Freon 113 (Trichlorotrifluoroethane)	NL	<9.6
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.7
Freon 12 (Dichlorodifluoromethane)	3,333	<6.2
Heptane	14,000	<5.1
Hexachlorobutadiene	43.3	<53
Hexane	24,333	<4.4
m,p-Xylene	3,333	**9.8**
Methyl tert-butyl ether	3,667	<18
Methylene Chloride	21,000	<43
o-Xylene	3,333	<5.4
Propylbenzene	33,333	<6.1
Styrene	33,333	<5.3
Tetrachloroethene	1,400	<8.5
Tetrahydrofuran	70,000	<3.7
Toluene	173,333	**6.1**
trans-1,2-Dichloroethene	NL	**11**
trans-1,3-Dichloropropene	233	<5.7
Trichloroethene	70	**1,200**
Vinyl Chloride	56.7	<3.2

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID37

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-37-B			IA-37-F		
		05/22/2018	08/06/2018	01/22/2019	05/22/2018	08/06/2018	01/22/2019
1,1,1-Trichloroethane	5200	< 0.18	**0.37**	< 0.17	< 0.18	**0.35**	**0.19**
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.26	< 0.22	< 0.23	< 0.22	< 0.22
1,1,2-Trichloroethane	0.21	< 0.18	< 0.20	< 0.17	< 0.18	< 0.18	< 0.17
1,1-Dichloroethane	18	< 0.13	< 0.15	< 0.13	< 0.14	< 0.13	< 0.13
1,1-Dichloroethene	210	< 0.065	< 0.074	< 0.063	< 0.067	< 0.064	< 0.063
1,2-Dibromoethane	0.047	< 0.25	< 0.29	< 0.24	< 0.26	< 0.25	< 0.24
1,2-Dichloroethane	1.1	**0.15**	< 0.15	< 0.13	**0.18**	**0.16**	< 0.13
1,2-Dichlorotetrafluoroethane	NA	< 0.23	< 0.26	< 0.22	< 0.23	< 0.22	< 0.22
1,4-Dichlorobenzene	2.6	**0.38**	**0.50**	< 0.19	**0.31**	**0.84**	< 0.19
Benzene	3.6	**1.1**	**1.4**	**0.52**	**1.6**	**1.8**	**0.77**
Carbon Tetrachloride	4.7	**0.49**	**0.56**	**0.44**	**0.47**	**0.55**	**0.43**
CFC-12	100	**2.4**	**2.5**	**2.4**	**2.5**	**2.5**	**2.4**
Chloroethane	10000	< 0.22	< 0.25	< 0.21	< 0.22	< 0.21	< 0.21
Chloroform	1.2	**0.39**	**1.0**	**0.19**	**0.34**	**0.87**	**0.26**
Chloromethane	94	**1.8**	**2.0**	< 1.6	**2.1**	**2.5**	< 1.6
cis-1,2-Dichloroethene	NA	< 0.13	< 0.15	< 0.12	< 0.13	< 0.13	< 0.12
Ethylbenzene	11	**0.39**	**0.53**	**0.18**	**0.47**	**0.64**	**0.27**
m&p-Xylenes	100	**1.1**	**1.5**	**0.54**	**1.3**	**1.9**	**0.79**
Methyl-tert-butylether	110	< 0.59	< 0.67	< 0.57	< 0.60	< 0.58	< 0.57
o-Xylene	100	**0.33**	**0.47**	**0.20**	**0.41**	**0.54**	**0.25**
Tetrachloroethene	42	**0.32**	**0.47**	< 0.21	**0.36**	**0.52**	**0.23**
Toluene	5200	**2.7**	**3.5**	**0.83**	**3.5**	**4.3**	**1.4**
trans-1,2-Dichloroethene	NA	< 0.65	< 0.74	< 0.63	< 0.67	< 0.64	< 0.63
Trichloroethene	2.1	< 0.18	< 0.20	< 0.17	< 0.18	< 0.17	< 0.17
Vinyl chloride	1.7	< 0.042	< 0.048	< 0.040	< 0.043	< 0.041	< 0.040

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID37

Compound	Sub-Slab Screening Levels[1]	Sub-Slab			
		SS-37			
		05/23/2018	08/07/2018	01/23/2019	01/23/2019 (Duplicate)
1,1,1-Trichloroethane	173333	**140**	**52**	**140**	**160**
1,1,2,2-Tetrachloroethane	16	< 8.4	< 7.9	< 7.4	< 7.8
1,1,2-trichloro-1,2,2-trifluoroethane	NA	< 9.4	< 8.8	< 8.3	< 8.7
1,1,2-Trichloroethane	7	< 6.6	< 6.3	< 5.9	< 6.2
1,1-Dichloroethane	600	< 4.9	< 4.6	< 4.4	< 4.6
1,1-Dichloroethene	7000	< 4.8	< 4.6	< 4.3	< 4.5
1,2,4-Trichlorobenzene	70	< 36	< 34	< 32	< 34
1,2,4-Trimethylbenzene	2100	< 6.0	< 5.6	< 5.3	< 5.6
1,2-Dibromoethane	1.57	< 9.4	< 8.8	< 8.3	< 8.8
1,2-Dichlorobenzene	7000	< 7.3	< 6.9	< 6.5	< 6.8
1,2-Dichloroethane	36.67	< 4.9	< 4.6	< 4.4	< 4.6
1,2-Dichloropropane	140	< 5.6	< 5.3	< 5.0	< 5.3
1,2-Dichlorotetrafluoroethane	NA	< 8.5	< 8.0	< 7.6	< 8.0
1,3,5-Trimethylbenzene	2100	< 6.0	< 5.6	< 5.3	< 5.6
1,3-Butadiene	31.33	< 2.7	< 2.5	< 2.4	< 2.5
1,3-Dichlorobenzene	NA	< 7.3	< 6.9	< 6.5	< 6.8
1,4-Dichlorobenzene	86.67	< 7.3	< 6.9	< 6.5	< 6.8
1,4-Dioxane	186.67	< 18	< 16	< 16	< 16
2,2,4-Trimethylpentane	NA	< 5.7	**15**	< 5.0	< 5.3
2-Butanone (MEK)	NA	< 14	< 14	< 13	< 13
4-Ethyltoluene	NA	< 6.0	< 5.6	< 5.3	< 5.6
4-Methyl-2-Pentanone	103333	< 5.0	< 4.7	< 4.4	< 4.7
Acetone	1066667	**73**	**29**	< 26	< 27
Allyl chloride	33.3	< 15	< 14	< 14	< 14
Benzene	120	< 3.9	< 3.7	< 3.4	< 3.6
Benzyl Chloride	NA	< 6.3	< 6.0	< 5.6	< 5.9
Bromodichloromethane	25.3	< 8.2	< 7.7	< 7.2	< 7.6
Bromoform	867	< 13	< 12	< 11	< 12
Bromomethane	173.3	< 47	< 45	< 42	< 44
Carbon Disulfide	24333	< 15	< 14	< 13	< 14
Carbon Tetrachloride	156.7	< 7.7	< 7.2	< 6.8	< 7.2
CFC-11	NA	< 6.8	< 6.5	< 6.1	< 6.4
CFC-12	3333	**24**	**7.1**	**22**	**26**
Chlorobenzene	1733	< 5.6	< 5.3	< 5.0	< 5.2
Chlorodibromomethane	NA	< 10	< 9.8	< 9.2	< 9.7
Chloroethane	333333	< 13	< 12	< 11	< 12
Chloroform	40	< 6.0	< 5.6	< 5.3	< 5.6
Chloromethane	3133	< 25	< 24	< 22	< 24
cis-1,2-Dichloroethene	NA	< 4.8	< 4.6	< 4.3	< 4.5
cis-1,3-Dichloropropene	233	< 5.5	< 5.2	< 4.9	< 5.2
Cyclohexane	210000	< 4.2	< 4.0	< 3.7	< 3.9
Dichloromethane	21000	< 42	< 40	< 38	< 40
Ethanol	NA	**60**	**16**	**11**	**12**
Ethylbenzene	367	< 5.3	< 5.0	< 4.7	< 4.9
Hexachloro-1,3-butadiene	43.3	< 52	< 49	< 46	< 49
Hexane	24333	< 4.3	< 4.0	< 3.8	< 4.0
Isopropyl alcohol	7000	< 12	< 11	< 11	< 11
Isopropylbenzene	14000	< 6.0	< 5.6	< 5.3	< 5.6
m&p-Xylenes	3333	**5.8**	**9.8**	< 4.7	< 5.0
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 20	< 19	< 18	< 19
Methyl-tert-butylether	3667	< 18	< 16	< 16	< 16
n-Heptane	14000	< 5.0	< 4.7	< 4.4	< 4.7
n-Propylbenzene	33333	< 6.0	< 5.6	< 5.3	< 5.6
o-Xylene	3333	< 5.3	< 5.0	< 4.7	< 5.0
Styrene (Monomer)	33333	< 5.2	< 4.9	< 4.6	< 4.8
Tetrachloroethene	1400	< 8.3	< 7.8	< 7.3	< 7.7
Tetrahydrofuran	70000	< 3.6	< 3.4	< 3.2	< 3.4
Toluene	173333	**6.5**	**12**	< 4.1	< 4.3
trans-1,2-Dichloroethene	NA	< 4.8	< 4.6	< 4.3	< 4.5
trans-1,3-Dichloropropene	233	< 5.5	< 5.2	< 4.9	< 5.2
Trichloroethene	70	**49**	< 6.2	**100**	**110**
Vinyl chloride	56.7	< 3.1	< 2.9	< 2.8	< 2.9

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID38

Compound	IDEM Indoor Air Screening Levels	Indoor Air		
		First Floor		
		IA-38-F		
		06/19/2018	08/08/2018	01/28/2019
1,1,1-Trichloroethane	22000	< 0.18	< 0.21	< 0.18
1,1,2,2-Tetrachloroethane	2.1	< 0.23	< 0.26	< 0.23
1,1,2-Trichloroethane	0.88	< 0.18	< 0.21	< 0.18
1,1-Dichloroethane	77	< 0.14	< 0.15	< 0.14
1,1-Dichloroethene	880	< 0.067	< 0.075	< 0.067
1,2-Dibromoethane	0.2	< 0.26	< 0.29	< 0.26
1,2-Dichloroethane	4.7	**0.55**	**0.80**	**0.31**
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.26	< 0.24
1,4-Dichlorobenzene	11	**0.25**	**0.46**	< 0.20
Benzene	16	**1.5**	**1.4**	**0.73**
Carbon Tetrachloride	20	**0.51**	**0.52**	**0.50**
CFC-12	440	**2.1**	**2.1**	**2.4**
Chloroethane	44000	< 0.22	< 0.25	< 0.22
Chloroform	5.3	< 0.17	**0.84**	< 0.16
Chloromethane	390	< 1.8	< 2.0	< 1.7
cis-1,2-Dichloroethene	NL	< 0.13	< 0.15	< 0.13
Ethylbenzene	49	**4.2**	**3.9**	**0.59**
m&p-Xylenes	440	**16**	**15**	**2.2**
Methyl-tert-butylether	180	< 0.61	< 0.68	< 0.61
o-Xylene	440	**5.6**	**5.2**	**0.82**
Tetrachloroethene	180	**0.29**	< 0.26	**0.38**
Toluene	22000	**21**	**21**	**6.9**
trans-1,2-Dichloroethene	NL	**3.4**	**2.4**	**1.0**
Trichloroethene	8.8	< 0.18	< 0.20	< 0.18
Vinyl chloride	28	< 0.043	< 0.048	< 0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for commercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID38

Compound	Sub-Slab Screening Levels †	Sub-Slab Vapor		
		SS-38		Dup-2
		6/20/2018	8/9/2018	8/9/2018
1,1,1-Trichloroethane	733,333	**19**	**28**	**27**
1,1,2,2-Tetrachloroethane	70	<8.2	<8.4	<7.9
1,1,2-Trichloroethane	29	<6.5	<6.6	<6.3
1,1-Dichloroethane	2,567	<4.8	<4.9	<4.6
1,1-Dichloroethene	29,333	<4.8	<4.8	<4.6
1,2,4-Trichlorobenzene	293	<36	<36	<34
1,2,4-Trimethylbenzene	8,667	<5.9	<6.0	<5.6
1,2-Dibromoethane (EDB)	7	<9.2	<9.4	<8.8
1,2-Dichlorobenzene	29,333	<7.2	<7.3	<6.9
1,2-Dichloroethane	157	<4.8	<4.9	<4.6
1,2-Dichloropropane	600	<5.5	<5.6	<5.3
1,3,5-Trimethylbenzene	8,667	<5.9	<6.0	<5.6
1,3-Butadiene	31.33	<2.6	<2.7	<2.5
1,3-Dichlorobenzene	NL	<7.2	<7.3	<6.9
1,4-Dichlorobenzene	367	<7.2	<7.3	<6.9
1,4-Dioxane	833	<17	<18	<16
2,2,4-Trimethylpentane	NL	**40**	**9.6**	**9.4**
2-Butanone (Methyl Ethyl Ketone)	733,333	<14	<14	<14
2-Hexanone	1,033	<20	<20	<19
2-Propanol (Isopropanol)	29,222	<12	<12	<11
3-Chloropropene	33.3	<15	<15	<14
4-Ethyltoluene	NL	<5.9	<6.0	<5.6
4-Methyl-2-pentanone	433,333	<4.9	<5.0	<4.7
Acetone	4,666,667	**58**	<29	**27**
alpha-Chlorotoluene	NL	<6.2	<6.3	<6.0
Benzene	533	<3.8	<3.9	<3.7
Bromodichloromethane	110	<8.0	<8.2	<7.7
Bromoform	3,667	<12	<13	<12
Bromomethane	13,000	<47	<47	<45
Carbon Disulfide	103,333	<15	<15	<14
Carbon Tetrachloride	667	<7.6	<7.7	<7.2
Chlorobenzene	7,333	<5.5	<5.6	<5.3
Chloroethane	1,466,667	<13	<13	<12
Chloroform	177	<5.8	<6.0	<5.6
Chloromethane	13,000	<25	<25	<24
cis-1,2-Dichloroethene	NL	<4.8	<4.8	<4.6
cis-1,3-Dichloropropene	1,033	<5.4	<5.5	<5.2
Cumene	14,000	<5.9	<6.0	<5.6
Cyclohexane	866,667	<4.1	<4.2	<4.0
Dibromochloromethane	NL	<10	<10	<9.8
Ethanol	NL	**160**	**18**	**18**
Ethyl Benzene	1,633	**8.2**	<5.3	<5.0
Freon 11 (Trichlorofluoromethane)	NL	**16**	**17**	**17**
Freon 113 (Trichlorotrifluoroethane)	NL	<9.2	<9.4	<8.8
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.4	<8.5	<8.0
Freon 12 (Dichlorodifluoromethane)	14,667	<5.9	<6.0	<5.7
Heptane	14,000	<4.9	<5.0	<4.7
Hexachlorobutadiene	187	<51	<52	<49
Hexane	103,333	<4.2	<4.3	<4.0
m,p-Xylene	14,667	**69**	**8.0**	**7.2**
Methyl tert-butyl ether	6,000	<17	<18	<16
Methylene Chloride	86,667	<42	<42	<40
o-Xylene	14,667	**24**	<5.3	<5.0
Propylbenzene	33,333	<5.9	<6.0	<5.6
Styrene	146,667	<5.1	<5.2	<4.9
Tetrachloroethene	6,000	**440**	**610**	**590**
Tetrahydrofuran	293,333	<3.5	<3.6	<3.4
Toluene	733,333	**69**	**6.1**	**6.3**
trans-1,2-Dichloroethene	NL	<4.8	<4.8	<4.6
trans-1,3-Dichloropropene	1,033	<5.4	<5.5	<5.2
Trichloroethene	293	<6.4	<6.6	<6.2
Vinyl Chloride	933	<3.1	<3.1	<2.9

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate deetected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID39

Compound	IDEM Indoor Air Screening Levels	Indoor Air		
		First Floor		
		IA-39-F		
		06/19/2018	08/08/2018	02/13/2019
1,1,1-Trichloroethane	22000	< 0.18	< 0.19	< 0.18
1,1,2,2-Tetrachloroethane	2.1	< 0.23	< 0.24	< 0.23
1,1,2-Trichloroethane	0.88	< 0.18	< 0.19	< 0.18
1,1-Dichloroethane	77	< 0.14	< 0.14	< 0.14
1,1-Dichloroethene	880	< 0.067	< 0.069	< 0.067
1,2-Dibromoethane	0.2	< 0.26	< 0.27	< 0.26
1,2-Dichloroethane	4.7	< 0.14	< 0.14	< 0.14
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.24	< 0.24
1,4-Dichlorobenzene	11	< 0.20	< 0.21	< 0.20
Benzene	16	< 0.27	**0.35**	**0.46**
Carbon Tetrachloride	20	**0.48**	**0.52**	**0.47**
CFC-12	440	**2.2**	**2.1**	**2.3**
Chloroethane	44000	< 0.22	< 0.23	< 0.22
Chloroform	5.3	< 0.16	< 0.17	< 0.17
Chloromethane	390	< 1.7	< 1.8	< 1.8
cis-1,2-Dichloroethene	NL	< 0.13	< 0.14	< 0.13
Ethylbenzene	49	**0.50**	**0.86**	**0.31**
m&p-Xylenes	440	**1.2**	**3.0**	**1.1**
Methyl-tert-butylether	180	< 0.61	< 0.63	< 0.61
o-Xylene	440	**0.46**	**0.98**	**0.42**
Tetrachloroethene	180	< 0.23	< 0.24	< 0.23
Toluene	22000	**1.8**	**4.0**	**1.5**
trans-1,2-Dichloroethene	NL	< 0.67	< 0.69	< 0.67
Trichloroethene	8.8	< 0.18	< 0.19	**0.38**
Vinyl chloride	28	< 0.043	< 0.045	< 0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for ommercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID39

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-39		
		06/20/2018	08/09/2018	02/14/2019
1,1,1-Trichloroethane	733333	**440**	**600**	**260**
1,1,2,2-Tetrachloroethane	70	< 8.1	< 8.0	< 9.4
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 9.1	< 8.9	< 10
1,1,2-Trichloroethane	29	< 6.5	< 6.4	< 7.4
1,1-Dichloroethane	2567	< 4.8	< 4.7	< 5.5
1,1-Dichloroethene	29333	< 4.7	< 4.6	< 5.4
1,2,4-Trichlorobenzene	293	< 35	< 34	< 40
1,2,4-Trimethylbenzene	8667	< 5.8	< 5.7	< 6.7
1,2-Dibromoethane	7	< 9.1	< 9.0	< 10
1,2-Dichlorobenzene	29333	< 7.1	< 7.0	< 8.2
1,2-Dichloroethane	157	< 4.8	< 4.7	< 5.5
1,2-Dichloropropane	600	< 5.5	< 5.4	< 6.3
1,2-Dichlorotetrafluoroethane	NL	< 8.3	< 8.1	< 9.5
1,3,5-Trimethylbenzene	8667	< 5.8	< 5.7	< 6.7
1,3-Butadiene	31.33	< 2.6	< 2.6	< 3.0
1,3-Dichlorobenzene	NL	< 7.1	< 7.0	< 8.2
1,4-Dichlorobenzene	367	< 7.1	< 7.0	< 8.2
1,4-Dioxane	833	< 17	< 17	< 20
2,2,4-Trimethylpentane	NL	**22**	**13**	**17**
2-Butanone (MEK)	NL	< 14	< 14	< 16
4-Ethyltoluene	NL	< 5.8	< 5.7	< 6.7
4-Methyl-2-Pentanone	433333	< 4.8	< 4.8	< 5.6
Acetone	4666667	**43**	< 28	< 32
Allyl chloride	33.3	< 15	< 14 J	< 17
Benzene	533	< 3.8	< 3.7	< 4.4
Benzyl Chloride	NL	< 6.1	< 6.0	< 7.1
Bromodichloromethane	110	< 7.9	< 7.8	< 9.1
Bromoform	3667	< 12	< 12	< 14
Bromomethane	13000	< 46	< 45	< 53
Carbon Disulfide	103333	< 15	< 14 J	< 17
Carbon Tetrachloride	667	< 7.4	< 7.3	< 8.6
CFC-11	NL	< 6.6	< 6.5	< 7.7
CFC-12	14667	< 5.9	< 5.8	< 6.8
Chlorobenzene	7333	< 5.4	< 5.4	< 6.3
Chlorodibromomethane	NL	< 10	< 9.9	< 12
Chloroethane	1466667	< 12	< 12	< 14
Chloroform	177	< 5.8	< 5.7	< 6.7
Chloromethane	13000	< 24	< 24	< 28
cis-1,2-Dichloroethene	NL	< 4.7	< 4.6	< 5.4
cis-1,3-Dichloropropene	1033	< 5.4	< 5.3	< 6.2
Cyclohexane	866667	< 4.1	< 4.0	< 4.7
Dichloromethane	86667	< 41	< 40	< 47
Ethanol	NL	**90**	**16**	**13**
Ethylbenzene	1633	< 5.1	< 5.0	< 5.9
Hexachloro-1,3-butadiene	187	< 50	< 50	< 58
Hexane	103333	< 4.2	< 4.1	< 4.8
Isopropyl alcohol	29222	< 12	< 11	< 13
Isopropylbenzene	14000	< 5.8	< 5.7	< 6.7
m&p-Xylenes	14667	**34**	**8.4**	**17**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 19	< 19	< 22
Methyl-tert-butylether	6000	< 17	< 17	< 20
n-Heptane	14000	< 4.8	< 4.8	< 5.6
n-Propylbenzene	33333	< 5.8	< 5.7	< 6.7
o-Xylene	14667	**11**	< 5.0	**6.0**
Styrene (Monomer)	146667	< 5.0	< 5.0	< 5.8
Tetrachloroethene	6000	< 8.0	< 7.9	< 9.2
Tetrahydrofuran	293333	< 3.5	< 3.4	< 4.0
Toluene	733333	**34**	**9.1**	**20**
trans-1,2-Dichloroethene	NL	< 4.7	< 4.6	< 5.4
trans-1,3-Dichloropropene	1033	< 5.4	< 5.3	< 6.2
Trichloroethene	293	< 6.4	< 6.3	< 7.3
Vinyl chloride	933	< 3.0	< 3.0	< 3.5

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID40

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	
		IA-40-F	
		6/20/2018	12/5/2018
1,1,1-Trichloroethane	22,000	<0.18	<0.18
1,1,2,2-Tetrachloroethane	2.1	<0.22	<0.22
1,1,2-Trichloroethane	0.88	<0.18	<0.18
1,1-Dichloroethane	77	<0.13	<0.13
1,1-Dichloroethene	880	<0.064	<0.065
1,2-Dibromoethane (EDB)	0.2	<0.25	<0.25
1,2-Dichloroethane	4.7	<0.13	**0.15**
1,4-Dichlorobenzene	11	**0.29**	<0.20
Benzene	16	<0.26	**0.55**
Carbon Tetrachloride	20	**0.53**	**0.44**
Chloroethane	44,000	<0.21	<0.22
Chloroform	5.3	**0.42**	**0.18**
Chloromethane	390	<1.7	<1.7
cis-1,2-Dichloroethene	NL	<0.13	<0.13
Ethyl Benzene	49	**1.20**	**0.41**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.23	<0.23
Freon 12 (Dichlorodifluoromethane)	440	**2.1**	**1.7**
m,p-Xylene	440	**2.8**	**1.2**
Methyl tert-butyl ether	180	<0.58	<0.59
o-Xylene	440	**0.98**	**0.48**
Tetrachloroethene	180	<0.22	**0.53**
Toluene	22,000	**2.7**	**1.7**
trans-1,2-Dichloroethene	NL	<0.64	<0.65
Trichloroethene	8.8	**0.18**	**0.19**
Vinyl Chloride	28	<0.041	<0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for commercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID40

Compound	Sub-Slab Screening Levels †	Sub-Slab	
		SS-40-B	SS-40
		6/20/2018	6/20/2018
1,1,1-Trichloroethane	733,333	**12**	<5.7
1,1,2,2-Tetrachloroethane	70	<11	<7.2
1,1,2-Trichloroethane	29	<8.7	<5.7
1,1-Dichloroethane	2,567	<6.4	<4.2
1,1-Dichloroethene	29,333	<6.3	<4.2
1,2,4-Trichlorobenzene	293	<47	<31
1,2,4-Trimethylbenzene	8,667	<7.8	<5.2
1,2-Dibromoethane (EDB)	7	<12	<8.1
1,2-Dichlorobenzene	29,333	<9.6	<6.3
1,2-Dichloroethane	157	<6.4	<4.2
1,2-Dichloropropane	600	<7.4	<4.8
1,3,5-Trimethylbenzene	8,667	<7.8	<5.2
1,3-Butadiene	31.33	<3.5	<2.3
1,3-Dichlorobenzene	NL	<9.6	<6.3
1,4-Dichlorobenzene	367	<9.6	<6.3
1,4-Dioxane	833	<23	<15
2,2,4-Trimethylpentane	NL	**16**	**14**
2-Butanone (Methyl Ethyl Ketone)	733,333	<19	<12
2-Hexanone	1,033	<26	<17
2-Propanol (Isopropanol)	29,222	**16**	<10
3-Chloropropene	33.3	<20	<13
4-Ethyltoluene	NL	<7.8	<5.2
4-Methyl-2-pentanone	433,333	<6.5	<4.3
Acetone	4,666,667	**200**	**40**
alpha-Chlorotoluene	NL	<8.2	<5.4
Benzene	533	<5.1	<3.4
Bromodichloromethane	110	<11	<7.0
Bromoform	3,667	<16	<11
Bromomethane	13,000	<62	<41
Carbon Disulfide	103,333	<20	<13
Carbon Tetrachloride	667	<10	<6.6
Chlorobenzene	7,333	<7.3	<4.8
Chloroethane	1,466,667	<17	<11
Chloroform	177	**12**	<5.1
Chloromethane	13,000	<33	<22
cis-1,2-Dichloroethene	NL	<6.3	<4.2
cis-1,3-Dichloropropene	1,033	<7.2	<4.8
Cumene	14,000	<7.8	<5.2
Cyclohexane	866,667	<5.5	<3.6
Dibromochloromethane	NL	<14	<8.9
Ethanol	NL	**180**	**67**
Ethyl Benzene	1,633	<6.9	<4.6
Freon 11 (Trichlorofluoromethane)	NL	<9.0	<5.9
Freon 113 (Trichlorotrifluoroethane)	NL	<12	<8.0
Freon 114 (Dichlorotetrafluoroethane)	NL	<11	<7.3
Freon 12 (Dichlorodifluoromethane)	14,667	<7.9	<5.2
Heptane	14,000	<6.5	<4.3
Hexachlorobutadiene	187	<68	<45
Hexane	103,333	<5.6	<3.7
m,p-Xylene	14,667	**29**	**22**
Methyl tert-butyl ether	6,000	<23	<15
Methylene Chloride	86,667	<55	<36
o-Xylene	14,667	**11**	**7.5**
Propylbenzene	33,333	<7.8	<5.2
Styrene	146,667	<6.8	<4.5
Tetrachloroethene	6,000	**59**	<7.1
Tetrahydrofuran	293,333	<4.7	<3.1
Toluene	733,333	**24**	**29**
trans-1,2-Dichloroethene	NL	<6.3	<4.2
trans-1,3-Dichloropropene	1,033	<7.2	<4.8
Trichloroethene	293	**3,400**	**45**
Vinyl Chloride	933	<4.1	<2.7

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas.
Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID41

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		Basement		First Floor	
		IA-41-B		IA-41-F	
		09/06/2018	01/18/2019	09/06/2018	01/18/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.16	< 0.21	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.20	< 0.26	< 0.23
1,1,2-Trichloroethane	0.21	< 0.18	< 0.16	< 0.21	< 0.18
1,1-Dichloroethane	18	< 0.14	< 0.12	< 0.15	< 0.14
1,1-Dichloroethene	210	< 0.067	< 0.058	< 0.075	< 0.067
1,2-Dibromoethane	0.047	< 0.26	< 0.22	< 0.29	< 0.26
1,2-Dichloroethane	1.1	**1.5**	**0.14**	**2.0**	**0.92**
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.20	< 0.26	< 0.23
1,4-Dichlorobenzene	2.6	**0.21**	**0.30**	**0.23**	**1.6**
Benzene	3.6	**0.58**	**0.63**	**0.64**	**0.82**
Carbon Tetrachloride	4.7	**0.61**	**0.58**	**0.52**	**0.54**
CFC-12	100	**2.4**	**2.7**	**2.3**	**2.6**
Chloroethane	10000	< 0.22	< 0.19	< 0.25	< 0.22
Chloroform	1.2	**3.3**	< 0.14	**3.8**	**1.0**
Chloromethane	94	< 1.7	< 1.5	< 2.0	< 1.7
cis-1,2-Dichloroethene	NL	< 0.13	< 0.12	< 0.15	< 0.13
Ethylbenzene	11	**0.31**	**0.18**	**0.40**	**0.33**
m&p-Xylenes	100	**0.94**	**0.58**	**1.2**	**1.1**
Methyl-tert-butylether	110	< 0.60	< 0.53	< 0.68	< 0.60
o-Xylene	100	**0.38**	**0.21**	**0.48**	**0.47**
Tetrachloroethene	42	< 0.23	< 0.20	< 0.26	< 0.23
Toluene	5200	**2.3**	**1.2**	**2.6**	**8.0**
trans-1,2-Dichloroethene	NL	< 0.67	< 0.58	< 0.75	< 0.67
Trichloroethene	2.1	< 0.18	< 0.16	< 0.20	< 0.18
Vinyl chloride	1.7	< 0.043	< 0.037	< 0.048	< 0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID41

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-41
		9/7/2018
1,1,1-Trichloroethane	173,333	<6.5
1,1,2,2-Tetrachloroethane	16	<8.2
1,1,2-Trichloroethane	7	<6.5
1,1-Dichloroethane	600	<4.8
1,1-Dichloroethene	7,000	<4.7
1,2,4-Trichlorobenzene	70	<35
1,2,4-Trimethylbenzene	2,100	<5.9
1,2-Dibromoethane (EDB)	1.57	<9.2
1,2-Dichlorobenzene	7,000	<7.2
1,2-Dichloroethane	36.67	<4.8
1,2-Dichloropropane	140	<5.5
1,3,5-Trimethylbenzene	2,100	<5.9
1,3-Butadiene	31.33	<2.6
1,3-Dichlorobenzene	NL	<7.2
1,4-Dichlorobenzene	86.67	<7.2
1,4-Dioxane	186.67	<17
2,2,4-Trimethylpentane	NL	<5.6
2-Butanone (Methyl Ethyl Ketone)	173,333	<14
2-Hexanone	1,033	<20
2-Propanol (Isopropanol)	7,000	<12
3-Chloropropene (Allyl Chloride)	33.3	<15
4-Ethyltoluene	NL	<5.9
4-Methyl-2-pentanone	103,333	<4.9
Acetone	1,066,667	<28
alpha-Chlorotoluene	NL	<6.2
Benzene	120	<3.8
Bromodichloromethane	25.3	<8.0
Bromoform	867	<12
Bromomethane	173.3	<46
Carbon Disulfide	24,333	<15
Carbon Tetrachloride	156.7	<7.5
Chlorobenzene	1,733	<5.5
Chloroethane	333,333	<13
Chloroform	40	<5.8
Chloromethane	3,133	<25
cis-1,2-Dichloroethene	NL	<4.7
cis-1,3-Dichloropropene	233	<5.4
Cumene	14,000	<5.9
Cyclohexane	210,000	<4.1
Dibromochloromethane	NL	<10
Ethanol	NL	**14**
Ethyl Benzene	367	<5.2
Freon 11 (Trichlorofluoromethane)	NL	<6.7
Freon 113 (Trichlorotrifluoroethane)	NL	<9.2
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.4
Freon 12 (Dichlorodifluoromethane)	3,333	<5.9
Heptane	14,000	<4.9
Hexachlorobutadiene	43.3	<51
Hexane	24,333	<4.2
m,p-Xylene	3,333	<5.2
Methyl tert-butyl ether	3,667	<17
Methylene Chloride	21,000	<42
o-Xylene	3,333	<5.2
Propylbenzene	33,333	<5.9
Styrene	33,333	<5.1
Tetrachloroethene	1,400	<8.1
Tetrahydrofuran	70,000	<3.5
Toluene	173,333	**4.6**
trans-1,2-Dichloroethene	NL	<4.7
trans-1,3-Dichloropropene	233	<5.4
Trichloroethene	70	**150**
Vinyl Chloride	56.7	<3.0

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID42

Compound	IDEM Indoor Air Screening Levels	Indoor Air				
		Basement		Crawl Space	First Floor	
		IA-42-B		CS-42	IA-42-F	
		6/20/2018	10/16/2018	6/20/2018	6/20/2018	10/16/2018
1,1,1-Trichloroethane	5,200	<0.17	<0.18	<0.19	<0.18	<0.20
1,1,2,2-Tetrachloroethane	0.48	<0.22	<0.23	<0.24	<0.23	<0.24
1,1,2-Trichloroethane	0.21	<0.17	<0.18	<0.19	<0.18	<0.20
1,1-Dichloroethane	18	<0.13	<0.14	<0.14	<0.13	<0.14
1,1-Dichloroethene	210	<0.063	<0.067	<0.070	<0.066	<0.071
1,2-Dibromoethane (EDB)	0.047	<0.24	<0.26	<0.27	<0.26	<0.28
1,2-Dichloroethane	1.1	**1.6**	**0.14**	**1.6**	**2.3**	**0.87**
1,4-Dichlorobenzene	2.6	<0.19	<0.20	**0.62**	<0.20	<0.22
Benzene	3.6	**2.7**	**0.88**	**2.8**	**3.8**	**3.0**
Carbon Tetrachloride	4.7	**0.53**	**0.48**	**0.57**	**0.57**	**0.50**
Chloroethane	10,000	<0.21	<0.22	<0.23	<0.22	<0.24
Chloroform	1.2	**0.92**	<0.16	**0.76**	**0.86**	**0.23**
Chloromethane	94	**3.4**	<1.7	<1.8	**4.5**	**3.6**
cis-1,2-Dichloroethene	NL	<0.13	<0.13	<0.14	<0.13	<0.14
Ethyl Benzene	11	**0.99**	**0.21**	**1.20**	**1.8**	**0.78**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.22	<0.24	**0.51**	<0.23	<0.25
Freon 12 (Dichlorodifluoromethane)	100	**2.2**	**1.9**	**2.1**	**2.2**	**1.9**
m,p-Xylene	100	**2.8**	**0.63**	**4.6**	**5.1**	**2.2**
Methyl tert-butyl ether	110	<0.58	<0.61	<0.64	<0.60	<0.64
o-Xylene	100	**0.79**	**0.23**	**1.4**	**1.3**	**0.60**
Tetrachloroethene	42	**17**	**9.6**	**9.2**	**11**	**0.90**
Toluene	5,200	**4.8**	**1.6**	**7.7**	**7.8**	**5.2**
trans-1,2-Dichloroethene	NL	<0.63	<0.67	<0.70	<0.66	<0.71
Trichloroethene	2.1	<0.17	<0.18	<0.19	<0.18	<0.19
Vinyl Chloride	1.7	<0.041	<0.043	<0.045	<0.042	<0.046

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID42

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-42
		6/20/2018
1,1,1-Trichloroethane	173,333	**8.1**
1,1,2,2-Tetrachloroethane	16	<7.9
1,1,2-Trichloroethane	7	<6.3
1,1-Dichloroethane	600	<4.7
1,1-Dichloroethene	7,000	<4.6
1,2,4-Trichlorobenzene	70	<5.7
1,2,4-Trimethylbenzene	2,100	<5.7
1,2-Dibromoethane (EDB)	1.57	<8.9
1,2-Dichlorobenzene	7,000	<6.9
1,2-Dichloroethane	36.67	<4.7
1,2-Dichloropropane	140	<5.3
1,3,5-Trimethylbenzene	2,100	<5.7
1,3-Butadiene	31.33	<2.6
1,3-Dichlorobenzene	NL	<6.9
1,4-Dichlorobenzene	86.67	<6.9
1,4-Dioxane	186.67	<17
2,2,4-Trimethylpentane	NL	**8.9**
2-Butanone (Methyl Ethyl Ketone)	173,333	<14
2-Hexanone	1,033	<19
2-Propanol (Isopropanol)	7,000	**88**
3-Chloropropene (Allyl Chloride)	33.3	<14
4-Ethyltoluene	NL	<5.7
4-Methyl-2-pentanone	103,333	<4.7
Acetone	1,066,667	**40**
alpha-Chlorotoluene	NL	<6.0
Benzene	120	<3.7
Bromodichloromethane	25.3	<7.7
Bromoform	867	<12
Bromomethane	173.3	<45
Carbon Disulfide	24,333	<14
Carbon Tetrachloride	156.7	**8.2**
Chlorobenzene	1,733	<5.3
Chloroethane	333,333	<12
Chloroform	40	<5.6
Chloromethane	3,133	<24
cis-1,2-Dichloroethene	NL	<4.6
cis-1,3-Dichloropropene	233	<5.2
Cumene	14,000	<5.7
Cyclohexane	210,000	<4.0
Dibromochloromethane	NL	<9.8
Ethanol	NL	**160**
Ethyl Benzene	367	<5.0
Freon 11 (Trichlorofluoromethane)	NL	<6.5
Freon 113 (Trichlorotrifluoroethane)	NL	<8.8
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.1
Freon 12 (Dichlorodifluoromethane)	3,333	**6.1**
Heptane	14,000	<4.7
Hexachlorobutadiene	43.3	<49
Hexane	24,333	<4.1
m,p-Xylene	3,333	**21**
Methyl tert-butyl ether	3,667	<17
Methylene Chloride	21,000	<40
o-Xylene	3,333	**7.5**
Propylbenzene	33,333	<5.7
Styrene	33,333	<4.9
Tetrachloroethene	1,400	<7.8
Tetrahydrofuran	70,000	<3.4
Toluene	173,333	**24**
trans-1,2-Dichloroethene	NL	**9.1**
trans-1,3-Dichloropropene	233	<5.2
Trichloroethene	70	**730**
Vinyl Chloride	56.7	<3.0

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID43

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			First Floor		
		IA-43-B			IA-43-F		
		06/19/2018	08/06/2018	01/28/2019	06/19/2018	08/06/2018	01/28/2019
1,1,1-Trichloroethane	5200	< 0.20	< 0.20	< 0.18	< 0.23	< 0.21	< 0.19
1,1,2,2-Tetrachloroethane	0.48	< 0.25	< 0.26	< 0.23	< 0.29	< 0.26	< 0.24
1,1,2-Trichloroethane	0.21	< 0.20	< 0.20	< 0.18	< 0.23	< 0.21	< 0.19
1,1-Dichloroethane	18	< 0.15	< 0.15	< 0.13	< 0.17	< 0.15	< 0.14
1,1-Dichloroethene	210	**0.44**	< 0.074	< 0.066	< 0.084	< 0.076	< 0.069
1,2-Dibromoethane	0.047	< 0.28	< 0.29	< 0.26	< 0.32	< 0.29	< 0.27
1,2-Dichloroethane	1.1	**1.0**	**1.4**	< 0.13	**2.1**	**1.7**	**0.14 J**
1,2-Dichlorotetrafluoroethane	NL	< 0.25	< 0.26	< 0.23	< 0.30	< 0.27	< 0.24
1,4-Dichlorobenzene	2.6	**0.75**	**1.1**	< 0.20	**1.2**	**0.92**	< 0.21
Benzene	3.6	**0.34**	**0.42**	**0.55**	**0.47**	**0.46**	**0.60**
Carbon Tetrachloride	4.7	**0.63**	**0.56**	**0.44**	**0.60**	**0.60**	**0.48**
CFC-12	100	**2.3**	**2.4**	**2.5**	**2.3**	**2.5**	**2.4**
Chloroethane	10000	< 0.24	< 0.25	< 0.22	< 0.28	< 0.25	< 0.23
Chloroform	1.2	**0.29**	**0.27**	**0.22**	**0.67**	**0.32**	**0.34**
Chloromethane	94	< 1.9	< 1.9 J	< 1.7	< 2.2	< 2.0 J	< 1.8
cis-1,2-Dichloroethene	NL	< 0.14	< 0.15	< 0.13	< 0.17	< 0.15	< 0.14
Ethylbenzene	11	**0.26**	**0.24**	< 0.14	**0.45**	**0.30**	< 0.15
m&p-Xylenes	100	**0.74**	**0.66**	< 0.29	**1.4**	**0.91**	**0.30 J**
Methyl-tert-butylether	110	< 0.66	< 0.67	< 0.60	< 0.76	< 0.69	< 0.63
o-Xylene	100	**0.32**	**0.29**	< 0.14	**0.57**	**0.38**	< 0.15
Tetrachloroethene	42	< 0.25	< 0.25	< 0.22	< 0.29	< 0.26	< 0.24
Toluene	5200	**2.0**	**2.0**	**0.60**	**4.4**	**2.8**	**0.77**
trans-1,2-Dichloroethene	NL	< 0.72	< 0.74	< 0.66	< 0.84	< 0.76	< 0.69
Trichloroethene	2.1	**0.98**	< 0.20	< 0.18	< 0.23	< 0.20	< 0.19
Vinyl chloride	1.7	< 0.046	< 0.048	< 0.042	< 0.054	< 0.049	< 0.044

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded cell indicates screening level exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID43

Compound	Sub-Slab Screening Levels[1]	Sub-Slab	
		SS-43	
		06/20/2018	02/14/2019
1,1,1-Trichloroethane	173333	< 6.6	< 7.4
1,1,2,2-Tetrachloroethane	16	< 8.3	< 9.3
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 9.3	< 10
1,1,2-Trichloroethane	7	< 6.6	< 7.4
1,1-Dichloroethane	600	< 4.9	< 5.5
1,1-Dichloroethene	7000	< 4.8	< 5.4
1,2,4-Trichlorobenzene	70	< 36	< 40 J
1,2,4-Trimethylbenzene	2100	< 6.0	< 6.7
1,2-Dibromoethane	1.57	< 9.3	< 10
1,2-Dichlorobenzene	7000	< 7.3	< 8.2
1,2-Dichloroethane	36.67	< 4.9	< 5.5
1,2-Dichloropropane	140	< 5.6	< 6.3
1,2-Dichlorotetrafluoroethane	NL	< 8.5	< 9.5
1,3,5-Trimethylbenzene	2100	< 6.0	< 6.7
1,3-Butadiene	31.33	< 2.7	< 3.0
1,3-Dichlorobenzene	NL	< 7.3	< 8.2
1,4-Dichlorobenzene	86.67	< 7.3	< 8.2
1,4-Dioxane	186.67	< 18	< 20
2,2,4-Trimethylpentane	NL	**10**	**22**
2-Butanone (MEK)	NL	< 14	< 16
4-Ethyltoluene	NL	< 6.0	< 6.7
4-Methyl-2-Pentanone	103333	< 5.0	< 5.6
Acetone	1066667	**36**	**32 J**
Allyl chloride	33.3	< 15	< 17
Benzene	120	< 3.9	< 4.3
Benzyl Chloride	NL	< 6.3	< 7.0
Bromodichloromethane	25.3	< 8.1	< 9.1
Bromoform	867	< 12	< 14
Bromomethane	173.3	< 47	< 53
Carbon Disulfide	24333	< 15	< 17
Carbon Tetrachloride	156.7	< 7.6	< 8.6
CFC-11	NL	< 6.8	< 7.6
CFC-12	3333	< 6.0	< 6.7
Chlorobenzene	1733	< 5.6	< 6.3
Chlorodibromomethane	NL	< 10	< 12
Chloroethane	333333	< 13	< 14
Chloroform	40	< 5.9	< 6.6
Chloromethane	3133	< 25	< 28
cis-1,2-Dichloroethene	NL	< 4.8	< 5.4
cis-1,3-Dichloropropene	233	< 5.5	< 6.2
Cyclohexane	210000	< 4.2	< 4.7
Dichloromethane	21000	< 42	< 47
Ethanol	NL	**33**	**18**
Ethylbenzene	367	< 5.3	< 5.9
Hexachloro-1,3-butadiene	43.3	< 52	< 58 J
Hexane	24333	< 4.3	< 4.8
Isopropyl alcohol	7000	< 12	< 13
Isopropylbenzene	14000	< 6.0	< 6.7
m&p-Xylenes	3333	**26**	**7.2**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 20	< 22
Methyl-tert-butylether	3667	< 18	< 20
n-Heptane	14000	< 5.0	< 5.6
n-Propylbenzene	33333	< 6.0	< 6.7
o-Xylene	3333	**9.0**	< 5.9
Styrene (Monomer)	33333	< 5.2	< 5.8
Tetrachloroethene	1400	**12**	< 9.2
Tetrahydrofuran	70000	< 3.6	< 4.0
Toluene	173333	**22**	**8.4**
trans-1,2-Dichloroethene	NL	< 4.8	< 5.4
trans-1,3-Dichloropropene	233	< 5.5	< 6.2
Trichloroethene	70	< 6.5	< 7.3
Vinyl chloride	56.7	< 3.1	< 3.5

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID44

Compound	IDEM Indoor Air Screening Levels	Indoor Air								
		Crawl Space			Basement			First Floor		
		CS-44			IA-44-B			IA-44-F		
		06/20/2018	09/07/2018	01/28/2019	01/28/2019	01/28/2019 (Duplicate)	06/20/2018	06/20/2018	09/07/2018	01/28/2019
1,1,1-Trichloroethane	5200	< 0.36	< 0.20	< 0.18	< 0.20	< 0.20	< 0.41	< 0.40	< 0.18	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.46	< 0.25	< 0.23	< 0.25	< 0.24	< 0.52	< 0.50	< 0.23	< 0.22
1,1,2-Trichloroethane	0.21	< 0.36	< 0.20	< 0.18	< 0.20	< 0.20	< 0.41	< 0.40	< 0.18	< 0.18
1,1-Dichloroethane	18	< 0.27	< 0.14	< 0.14	< 0.15	< 0.14	< 0.31	< 0.29	< 0.14	< 0.13
1,1-Dichloroethene	210	< 0.13	< 0.071	< 0.067	< 0.073	< 0.071	< 0.15	< 0.14	< 0.066	< 0.065
1,2-Dibromoethane	0.047	< 0.51	< 0.28	< 0.26	< 0.28	< 0.28	< 0.58	< 0.56	< 0.26	< 0.25
1,2-Dichloroethane	1.1	**1.2**	**1.1**	**0.14**	**0.19**	**0.20**	**1.4**	**1.5**	**1.5**	**0.33**
1,2-Dichlorotetrafluoroethane	NL	< 0.46	< 0.25	< 0.24	< 0.26	< 0.25	< 0.53	< 0.51	< 0.23	< 0.23
1,4-Dichlorobenzene	2.6	< 0.40	< 0.22	< 0.20	< 0.22	< 0.22	< 0.46	< 0.44	< 0.20	< 0.20
Benzene	3.6	**2.9**	**2.7**	**0.82**	**1.1**	**1.1**	**3.3**	**3.6**	**2.8**	**2.8**
Carbon Tetrachloride	4.7	**0.45**	**0.48**	**0.45**	**0.45**	**0.47**	< 0.48	**0.46**	**0.43**	**0.50**
CFC-12	100	**2.2**	**2.5**	**2.4**	**2.4**	**2.4**	**2.1**	**2.2**	**2.4**	**2.4**
Chloroethane	10000	< 0.44	< 0.24	< 0.22	< 0.24	< 0.24	< 0.50	< 0.48	< 0.22	< 0.22
Chloroform	1.2	**0.45**	**0.56**	< 0.17	**0.23**	**0.23**	**0.50**	**0.50**	**0.53**	**0.29**
Chloromethane	94	**4.8**	**4.0**	< 1.8	< 1.9	< 1.8	**5.5**	**5.9**	**4.6**	**3.3**
cis-1,2-Dichloroethene	NL	< 0.26	< 0.14	< 0.13	< 0.15	< 0.14	< 0.30	< 0.29	< 0.13	< 0.13
Ethylbenzene	11	**1.1**	**0.87**	**0.17**	**0.28**	**0.26**	**1.2**	**1.3**	**1.0**	**0.73**
m&p-Xylenes	100	**3.6**	**2.7**	**0.52**	**0.89**	**0.83**	**4.2**	**4.6**	**3.1**	**2.4**
Methyl-tert-butylether	110	< 1.2	< 0.65	< 0.61	< 0.67	< 0.64	< 1.4	< 1.3	< 0.60	< 0.59
o-Xylene	100	**0.97**	**0.78**	**0.16**	**0.26**	**0.24**	**1.1**	**1.2**	**0.88**	**0.70**
Tetrachloroethene	42	< 0.45	< 0.24	< 0.23	< 0.25	< 0.24	< 0.52	< 0.49	< 0.23	< 0.22
Toluene	5200	**7.9**	**7.0**	**1.3**	**2.3**	**2.2**	**9.0**	**10**	**7.8**	**5.7**
trans-1,2-Dichloroethene	NL	< 1.3	< 0.71	< 0.67	< 0.73	< 0.71	< 1.5	< 1.4	< 0.66	< 0.65
Trichloroethene	2.1	< 0.36	< 0.19	< 0.18	< 0.20	< 0.19	< 0.41	< 0.39	< 0.18	< 0.18
Vinyl chloride	1.7	< 0.085	< 0.046	< 0.043	< 0.047	< 0.046	< 0.097	< 0.093	< 0.043	< 0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded cell indicates screening level exceedance

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID44

Compound	Sub-Slab Screening Levels †	Sub-Slab	
		SS-44	
		6/21/2018	9/7/2018
1,1,1-Trichloroethane	173,333	<6.3	<6.4
1,1,2,2-Tetrachloroethane	16	<8.0	<8.0
1,1,2-Trichloroethane	7	<6.3	<6.4
1,1-Dichloroethane	600	<4.7	<4.7
1,1-Dichloroethene	7,000	<4.6	<4.6
1,2,4-Trichlorobenzene	70	<34	<34
1,2,4-Trimethylbenzene	2,100	<5.7	<5.7
1,2-Dibromoethane (EDB)	1.57	<8.9	<9.0
1,2-Dichlorobenzene	7,000	<7.0	<7.0
1,2-Dichloroethane	36.67	<4.7	<4.7
1,2-Dichloropropane	140	<5.4	<5.4
1,3,5-Trimethylbenzene	2,100	<5.7	<5.7
1,3-Butadiene	31.33	<2.6	<2.6
1,3-Dichlorobenzene	NL	<7.0	<7.0
1,4-Dichlorobenzene	86.67	<7.0	<7.0
1,4-Dioxane	186.67	<17	<17
2,2,4-Trimethylpentane	NL	**30**	<5.4
2-Butanone (Methyl Ethyl Ketone)	173,333	<14	<14
2-Hexanone	1,033	<19	<19
2-Propanol (Isopropanol)	7,000	<11	<11
3-Chloropropene (Allyl Chloride)	33.3	<14	<14
4-Ethyltoluene	NL	<5.7	<5.7
4-Methyl-2-pentanone	103,333	<4.8	<4.8
Acetone	1,066,667	<28	<28
alpha-Chlorotoluene	NL	<6.0	<6.0
Benzene	120	<3.7	<3.7
Bromodichloromethane	25.3	<7.8	<7.8
Bromoform	867	<12	<12
Bromomethane	173.3	<45	<45
Carbon Disulfide	24,333	<14	<14
Carbon Tetrachloride	156.7	<7.3	<7.3
Chlorobenzene	1,733	<5.3	<5.4
Chloroethane	333,333	<12	<12
Chloroform	40	<5.7	<5.7
Chloromethane	3,133	<24	<24
cis-1,2-Dichloroethene	NL	<4.6	<4.6
cis-1,3-Dichloropropene	233	<5.3	<5.3
Cumene	14,000	<5.7	<5.7
Cyclohexane	210,000	<4.0	<4.0
Dibromochloromethane	NL	<9.9	<9.9
Ethanol	NL	**36**	**130**
Ethyl Benzene	367	<5.0	<5.0
Freon 11 (Trichlorofluoromethane)	NL	<6.5	<6.5
Freon 113 (Trichlorotrifluoroethane)	NL	<8.9	<8.9
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.1	<8.1
Freon 12 (Dichlorodifluoromethane)	3,333	<5.7	<5.8
Heptane	14,000	<4.8	<4.8
Hexachlorobutadiene	43.3	<49	<50
Hexane	24,333	<4.1	<4.1
m,p-Xylene	3,333	**35**	<5.0
Methyl tert-butyl ether	3,667	<17	<17
Methylene Chloride	21,000	<40	<40
o-Xylene	3,333	**12.0**	<5.0
Propylbenzene	33,333	<5.7	<5.7
Styrene	33,333	<4.9	<5.0
Tetrachloroethene	1,400	<7.9	<7.9
Tetrahydrofuran	70,000	<3.4	<3.4
Toluene	173,333	**44**	<4.4
trans-1,2-Dichloroethene	NL	<4.6	<4.6
trans-1,3-Dichloropropene	233	<5.3	<5.3
Trichloroethene	70	<6.2	<6.3
Vinyl Chloride	56.7	<3.0	<3.0

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas.
Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID45

Compound+A2A2:F13	IDEM Indoor Air Screening Levels	Indoor Air			
		First Floor			
		IA-45-F	IA-45-F	IA-45-F	IA-45-F
		06/20/2018	08/08/2018	01/24/2019	01/24/2019 (Duplicate)
1,1,1-Trichloroethane	22000	< 0.20	< 0.18	< 0.16	< 0.18
1,1,2,2-Tetrachloroethane	2.1	< 0.25	< 0.23	< 0.21	< 0.22
1,1,2-Trichloroethane	0.88	< 0.20	< 0.18	< 0.16	< 0.18
1,1-Dichloroethane	77	< 0.15	< 0.14	< 0.12	< 0.13
1,1-Dichloroethene	880	< 0.072	< 0.067	< 0.060	< 0.065
1,2-Dibromoethane	0.2	< 0.28	< 0.26	< 0.23	< 0.25
1,2-Dichloroethane	4.7	**0.29**	**0.29**	< 0.12	< 0.13
1,2-Dichlorotetrafluoroethane	NA	< 0.25	< 0.24	< 0.21	< 0.23
1,4-Dichlorobenzene	11	< 0.22	< 0.20	< 0.18	< 0.20
Benzene	16	**0.37**	**0.36**	**0.35**	**0.34**
Carbon Tetrachloride	20	**0.52**	**0.52**	**0.44**	**0.42**
CFC-12	440	**2.1**	**2.4**	**2.4**	**2.3**
Chloroethane	44000	< 0.24	< 0.22	< 0.20	< 0.22
Chloroform	5.3	**0.21**	**0.17**	< 0.15	< 0.16
Chloromethane	390	< 1.9	< 1.7	< 1.6	< 1.7
cis-1,2-Dichloroethene	NA	< 0.14	< 0.13	< 0.12	< 0.13
Ethylbenzene	49	**0.79**	**0.76**	< 0.13	< 0.14
m&p-Xylenes	440	**2.3**	**2.2**	**0.42**	**0.45**
Methyl-tert-butylether	180	< 0.66	< 0.61	< 0.55	< 0.59
o-Xylene	440	**0.80**	**0.80**	**0.16**	**0.15**
Tetrachloroethene	180	**0.42**	**0.34**	< 0.21	< 0.22
Toluene	22000	**3.1**	**2.7**	**0.34**	**0.35**
trans-1,2-Dichloroethene	NA	< 0.72	< 0.67	< 0.60	< 0.65
Trichloroethene	8.8	< 0.20	< 0.18	< 0.16	< 0.18
Vinyl chloride	28	< 0.046	< 0.043	< 0.039	< 0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for ommercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID45

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-45		
		06/21/2018	08/09/2018	01/25/2019
1,1,1-Trichloroethane	733333	< 6.3	< 6.6	< 5.5
1,1,2,2-Tetrachloroethane	70	< 7.9	< 8.3	< 7.0
1,1,2-trichloro-1,2,2-trifluoroetha	NA	< 8.8	< 9.3	< 7.8
1,1,2-Trichloroethane	29	< 6.3	< 6.6	< 5.5
1,1-Dichloroethane	2567	< 4.7	< 4.9	< 4.1
1,1-Dichloroethene	29333	< 4.6	< 4.8	< 4.0
1,2,4-Trichlorobenzene	293	< 34	< 36	< 30
1,2,4-Trimethylbenzene	8667	< 5.7	< 5.9	< 5.0
1,2-Dibromoethane	7	< 8.9	< 9.3	< 7.8
1,2-Dichlorobenzene	29333	< 6.9	< 7.3	< 6.1
1,2-Dichloroethane	157	< 4.7	< 4.9	< 4.1
1,2-Dichloropropane	600	< 5.3	< 5.6	< 4.7
1,2-Dichlorotetrafluoroethane	NA	< 8.1	< 8.4	< 7.1
1,3,5-Trimethylbenzene	8667	< 5.7	< 5.9	< 5.0
1,3-Butadiene	31.33	< 2.6	< 2.7	< 2.2
1,3-Dichlorobenzene	NA	< 6.9	< 7.3	< 6.1
1,4-Dichlorobenzene	367	< 6.9	< 7.3	< 6.1
1,4-Dioxane	833	< 17	< 17	< 15
2,2,4-Trimethylpentane	NA	**16**	**15**	< 4.7
2-Butanone (MEK)	NA	< 14	< 14	< 12
4-Ethyltoluene	NA	< 5.7	< 5.9	< 5.0
4-Methyl-2-Pentanone	433333	< 4.7	< 5.0	< 4.2
Acetone	4666667	**36**	< 29	< 24
Allyl chloride	33.3	< 14	< 15J	< 13
Benzene	533	< 3.7	< 3.9	< 3.2
Benzyl Chloride	NA	< 6.0	< 6.3	< 5.2
Bromodichloromethane	110	< 7.7	< 8.1	< 6.8
Bromoform	3667	< 12	< 12	< 10
Bromomethane	13000	< 45	< 47	< 39
Carbon Disulfide	103333	< 14	< 15J	< 13
Carbon Tetrachloride	667	< 7.3	< 7.6	< 6.4
CFC-11	NA	< 6.5	< 6.8	< 5.7
CFC-12	14667	< 5.7	< 6.0	< 5.0
Chlorobenzene	7333	< 5.3	< 5.6	< 4.7
Chlorodibromomethane	NA	< 9.8	< 10	< 8.6
Chloroethane	1466667	< 12	< 13	< 11
Chloroform	177	< 5.6	< 5.9	< 5.0
Chloromethane	13000	< 24	< 25	< 21
cis-1,2-Dichloroethene	NA	< 4.6	< 4.8	< 4.0
cis-1,3-Dichloropropene	1033	< 5.2	< 5.5	< 4.6
Cyclohexane	866667	< 4.0	< 4.2	< 3.5
Dichloromethane	86667	< 40	< 42	< 35
Ethanol	NA	**260**	**23**	**9.9**
Ethylbenzene	1633	< 5.0	< 5.2	< 4.4
Hexachloro-1,3-butadiene	187	< 49	< 52	< 43
Hexane	103333	< 4.1	< 4.3	< 3.6
Isopropyl alcohol	29222	**13**	< 12	< 10
Isopropylbenzene	14000	< 5.7	< 5.9	< 5.0
m&p-Xylenes	14667	**22**	**10**	< 4.4
Methyl N-Butyl Ketone (2-Hexan	1033	< 19	< 20	< 17
Methyl-tert-butylether	6000	< 17	< 17	< 15
n-Heptane	14000	< 4.7	< 5.0	< 4.2
n-Propylbenzene	33333	< 5.7	< 5.9	< 5.0
o-Xylene	14667	**7.6**	< 5.2	< 4.4
Styrene (Monomer)	146667	< 4.9	< 5.2	< 4.3
Tetrachloroethene	6000	< 7.8	< 8.2	< 6.9
Tetrahydrofuran	293333	< 3.4	< 3.6	< 3.0
Toluene	733333	**23**	**12**	< 3.8
trans-1,2-Dichloroethene	NA	< 4.6	< 4.8	< 4.0
trans-1,3-Dichloropropene	1033	< 5.2	< 5.5	< 4.6
Trichloroethene	293	< 6.2	< 6.5	< 5.4
Vinyl chloride	933	< 3.0	< 3.1	< 2.6

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID46

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Crawl Space		Basement	First Floor		
		CS-46		IA-46-B	IA-46-F		
		06/19/2018	01/23/2019	08/09/2018	06/19/2018	08/09/2018	01/23/2019
1,1,1-Trichloroethane	5200	< 0.16	< 0.17	< 0.18	< 0.22	< 0.19	< 0.16
1,1,2,2-Tetrachloroethane	0.48	< 0.20	< 0.22	< 0.23	< 0.27	< 0.24	< 0.21
1,1,2-Trichloroethane	0.21	< 0.16	< 0.17	< 0.18	< 0.22	< 0.19	< 0.16
1,1-Dichloroethane	18	< 0.12	< 0.13	< 0.14	< 0.16	< 0.14	< 0.12
1,1-Dichloroethene	210	< 0.059	< 0.063	< 0.067	< 0.079	< 0.070	< 0.060
1,2-Dibromoethane	0.047	< 0.23	< 0.24	< 0.26	< 0.30	< 0.27	< 0.23
1,2-Dichloroethane	1.1	< 0.12	< 0.13	< 0.14	< 0.16	< 0.14	< 0.12
1,2-Dichlorotetrafluoroethane	NL	< 0.21	< 0.22	< 0.23	< 0.28	< 0.25	< 0.21
1,4-Dichlorobenzene	2.6	< 0.18	< 0.19	< 0.20	< 0.24	< 0.21	< 0.18
Benzene	3.6	**0.26**	**0.44**	**0.37**	< 0.32	**0.47**	**0.54**
Carbon Tetrachloride	4.7	**0.52**	**0.62**	**0.46**	**0.51**	**0.44**	**0.64**
CFC-12	100	**2.3**	**2.1**	**2.2**	**2.3**	**2.2**	**2.1**
Chloroethane	10000	< 0.20	< 0.21	< 0.22	< 0.26	< 0.23	< 0.20
Chloroform	1.2	< 0.14	< 0.15	< 0.16	< 0.19	< 0.17	< 0.15
Chloromethane	94	< 1.5	< 1.6	< 1.7	< 2.0	< 1.8	< 1.6
cis-1,2-Dichloroethene	NL	< 0.12	< 0.12	< 0.13	< 0.16	< 0.14	< 0.12
Ethylbenzene	11	**0.22**	< 0.14	**0.22**	**0.31**	**0.27**	< 0.13
m&p-Xylenes	100	**0.89**	< 0.27	**0.92**	**1.5**	**1.0**	< 0.26
Methyl-tert-butylether	110	< 0.54	< 0.57	< 0.60	< 0.72	< 0.64	< 0.55
o-Xylene	100	**0.38**	< 0.14	**0.40**	**0.56**	**0.40**	< 0.13
Tetrachloroethene	42	< 0.20	< 0.21	< 0.23	< 0.27	< 0.24	< 0.21
Toluene	5200	**1.4**	**0.48**	**1.6**	**2.2**	**1.6**	**0.54**
trans-1,2-Dichloroethene	NL	< 0.59	< 0.63	< 0.67	< 0.79	< 0.70	< 0.60
Trichloroethene	2.1	< 0.16	< 0.17	< 0.18	< 0.21	< 0.19	< 0.16
Vinyl chloride	1.7	< 0.038	< 0.040	< 0.043	< 0.051	< 0.046	< 0.039

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID46

Compound	Sub-Slab Screening Levels[1]	Sub-Slab	
		SS-46	
		06/21/2018	01/24/2019
1,1,2,2-Tetrachloroethane	16	< 8.3	< 7.0
1,1,2-trichloro-1,2,2-trifluoroethane	NA	< 9.3	< 7.8
1,1,2-Trichloroethane	7	< 6.6	< 5.5
1,1-Dichloroethane	600	< 4.9	< 4.1
1,1-Dichloroethene	7000	< 4.8	< 4.0
1,2,4-Trichlorobenzene	70	< 36	< 30
1,2,4-Trimethylbenzene	2100	< 5.9	< 5.0
1,2-Dibromoethane	1.57	< 9.3	< 7.8
1,2-Dichlorobenzene	7000	< 7.3	< 6.1
1,2-Dichloroethane	36.67	< 4.9	< 4.1
1,2-Dichloropropane	140	< 5.6	< 4.7
1,2-Dichlorotetrafluoroethane	NA	< 8.4	< 7.1
1,3,5-Trimethylbenzene	2100	< 5.9	< 5.0
1,3-Butadiene	31.33	< 2.7	< 2.2
1,3-Dichlorobenzene	NA	< 7.3	< 6.1
1,4-Dichlorobenzene	86.67	< 7.3	< 6.1
1,4-Dioxane	186.67	< 17	< 15
2,2,4-Trimethylpentane	NA	**10**	< 4.7
2-Butanone (MEK)	NA	< 14	< 12
4-Ethyltoluene	NA	< 5.9	< 5.0
4-Methyl-2-Pentanone	103333	< 5.0	< 4.2
Acetone	1066667	**46**	< 24
Allyl chloride	33.3	< 15	< 13
Benzene	120	< 3.9	< 3.2
Benzyl Chloride	NA	< 6.3	< 5.2
Bromodichloromethane	25.3	< 8.1	< 6.8
Bromoform	867	< 12	< 10
Bromomethane	173.3	< 47	< 39
Carbon Disulfide	24333	< 15	< 13
Carbon Tetrachloride	156.7	< 7.6	< 6.4
CFC-11	NA	< 6.8	< 5.7
CFC-12	3333	< 6.0	< 5.0
Chlorobenzene	1733	< 5.6	< 4.7
Chlorodibromomethane	NA	< 10	< 8.6
Chloroethane	333333	< 13	< 11
Chloroform	40	< 5.9	< 5.0
Chloromethane	3133	< 25	< 21
cis-1,2-Dichloroethene	NA	< 4.8	< 4.0
cis-1,3-Dichloropropene	233	< 5.5	< 4.6
Cyclohexane	210000	< 4.2	< 3.5
Dichloromethane	21000	< 42	< 35
Ethanol	NA	< 9.1	< 7.6
Ethylbenzene	367	< 5.2	< 4.4
Hexachloro-1,3-butadiene	43.3	< 52	< 43
Hexane	24333	< 4.3	< 3.6
Isopropyl alcohol	7000	< 12	< 10
Isopropylbenzene	14000	< 5.9	< 5.0
m&p-Xylenes	3333	**21**	< 4.4
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 20	< 17
Methyl-tert-butylether	3667	< 17	< 15
n-Heptane	14000	< 5.0	< 4.2
n-Propylbenzene	33333	< 5.9	< 5.0
o-Xylene	3333	**8.6**	< 4.4
Styrene (Monomer)	33333	< 5.2	< 4.3
Tetrachloroethene	1400	< 8.2	< 6.9
Tetrahydrofuran	70000	< 3.6	< 3.0
Toluene	173333	**18**	< 3.8
trans-1,2-Dichloroethene	NA	< 4.8	< 4.0
trans-1,3-Dichloropropene	233	< 5.5	< 4.6
Trichloroethene	70	< 6.5	< 5.4
Vinyl chloride	56.7	< 3.1	< 2.6

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED : Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID47

Compound	IDEM Indoor Air Screening Levels	Indoor Air		
		First Floor		
		IA-47-F		
		06/20/2018	08/21/2018	01/28/2019
1,1,1-Trichloroethane	22000	< 0.21	< 0.21	< 1.8
1,1,2,2-Tetrachloroethane	2.1	< 0.27	< 0.26	< 2.2
1,1,2-Trichloroethane	0.88	< 0.21	< 0.21	< 1.8
1,1-Dichloroethane	77	< 0.16	< 0.15	< 1.3
1,1-Dichloroethene	880	< 0.077	< 0.076	< 0.65
1,2-Dibromoethane	0.2	< 0.30	< 0.29	< 2.5
1,2-Dichloroethane	4.7	**0.33**	**0.24**	< 1.3
1,2-Dichlorotetrafluoroethane	NL	< 0.27	< 0.27	< 2.3
1,4-Dichlorobenzene	11	< 0.23	< 0.23	< 2.0
Benzene	16	**3.5**	**4.7**	**6.8**
Carbon Tetrachloride	20	**0.50**	**0.50**	< 2.1
CFC-12	440	**2.3**	**2.0**	**2.5**
Chloroethane	44000	< 0.26	< 0.25	< 2.2
Chloroform	5.3	< 0.19	**2.4**	< 1.6
Chloromethane	390	< 2.0	< 2.0	< 17
cis-1,2-Dichloroethene	NL	< 0.15	< 0.15	< 1.3
Ethylbenzene	49	**1.8**	**1.7**	**4.1**
m&p-Xylenes	440	**6.4**	**5.5**	**15**
Methyl-tert-butylether	180	< 0.70	< 0.69	< 5.9
o-Xylene	440	**2.3**	**1.9**	**5.7**
Tetrachloroethene	180	< 0.26	**1.5**	< 2.2
Toluene	22000	**13**	**26**	**23**
trans-1,2-Dichloroethene	NL	< 0.77	< 0.76	< 6.5
Trichloroethene	8.8	< 0.21	**0.26**	< 1.8
Vinyl chloride	28	< 0.050	< 0.049	< 0.42

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID47

Compound	Sub-Slab Screening Levels[1]	Sub-Slab Vapor		
		SS-47		
		06/21/2018	08/09/2018	02/14/2019
1,1,1-Trichloroethane	733333	< 6.5	< 6.8	< 8.0
1,1,2,2-Tetrachloroethane	70	< 8.2	< 8.5	< 10
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 9.1	< 9.5	< 11
1,1,2-Trichloroethane	29	< 6.5	< 6.8	< 8.0
1,1-Dichloroethane	2567	< 4.8	< 5.0	< 5.9
1,1-Dichloroethene	29333	< 4.7	< 4.9	< 5.8
1,2,4-Trichlorobenzene	293	< 35	< 37	< 43 J
1,2,4-Trimethylbenzene	8667	< 5.8	< 6.1	< 7.2
1,2-Dibromoethane	7	< 9.1	< 9.5	< 11
1,2-Dichlorobenzene	29333	< 7.2	< 7.4	< 8.8
1,2-Dichloroethane	157	< 4.8	< 5.0	< 5.9
1,2-Dichloropropane	600	< 5.5	< 5.7	< 6.7
1,2-Dichlorotetrafluoroethane	NL	< 8.3	< 8.7	< 10
1,3,5-Trimethylbenzene	8667	< 5.8	< 6.1	< 7.2
1,3-Butadiene	31.33	< 2.6	< 2.7	< 3.2
1,3-Dichlorobenzene	NL	< 7.2	< 7.4	< 8.8
1,4-Dichlorobenzene	367	< 7.2	< 7.4	< 8.8
1,4-Dioxane	833	< 17	< 18	< 21
2,2,4-Trimethylpentane	NL	**16**	**15**	< 6.8
2-Butanone (MEK)	NL	< 14	< 15	< 17
4-Ethyltoluene	NL	< 5.8	< 6.1	< 7.2
4-Methyl-2-Pentanone	433333	< 4.9	< 5.1	< 6.0
Acetone	4666667	**30**	< 29	< 35
Allyl chloride	33.3	< 15	< 16	< 18
Benzene	533	< 3.8	< 4.0	< 4.7
Benzyl Chloride	NL	< 6.2	< 6.4	< 7.6
Bromodichloromethane	110	< 8.0	< 8.3	< 9.8
Bromoform	3667	< 12	< 13	< 15
Bromomethane	13000	< 46	< 48	< 57
Carbon Disulfide	103333	< 15	< 15	< 18
Carbon Tetrachloride	667	< 7.5	< 7.8	< 9.2
CFC-11	NL	< 6.7	< 7.0	< 8.2
CFC-12	14667	< 5.9	< 6.1	< 7.2
Chlorobenzene	7333	< 5.5	< 5.7	< 6.7
Chlorodibromomethane	NL	< 10	< 10	< 12
Chloroethane	1466667	< 12	< 13	< 15
Chloroform	177	< 5.8	< 6.0	< 7.1
Chloromethane	13000	< 24	< 26	< 30
cis-1,2-Dichloroethene	NL	< 4.7	< 4.9	< 5.8
cis-1,3-Dichloropropene	1033	< 5.4	< 5.6	< 6.6
Cyclohexane	866667	< 4.1	< 4.3	< 5.0
Dichloromethane	86667	< 41	< 43	< 51
Ethanol	NL	**71**	**10**	**13**
Ethylbenzene	1633	< 5.2	< 5.4	< 6.3
Hexachloro-1,3-butadiene	187	< 51	< 53	< 62 J
Hexane	103333	< 4.2	< 4.4	< 5.1
Isopropyl alcohol	29222	**12**	< 12	< 14
Isopropylbenzene	14000	< 5.8	< 6.1	< 7.2
m&p-Xylenes	14667	**21**	**15**	**7.7**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 19	< 20	< 24
Methyl-tert-butylether	6000	< 17	< 18	< 21
n-Heptane	14000	< 4.9	< 5.1	< 6.0
n-Propylbenzene	33333	< 5.8	< 6.1	< 7.2
o-Xylene	14667	**7.5**	**6.4**	< 6.3
Styrene (Monomer)	146667	< 5.1	< 5.3	< 6.2
Tetrachloroethene	6000	< 8.1	< 8.4	< 9.9
Tetrahydrofuran	293333	< 3.5	< 3.6	< 4.3
Toluene	733333	**21**	**10**	**10**
trans-1,2-Dichloroethene	NL	< 4.7	< 4.9	< 5.8
trans-1,3-Dichloropropene	1033	< 5.4	< 5.6	< 6.6
Trichloroethene	293	< 6.4	< 6.7	< 7.8
Vinyl chloride	933	< 3.0	< 3.2	< 3.7

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicates detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID48

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		Basement		First Floor	
		IA-48-B		IA-48-F	
		Initial	30-Day Post Installation	Initial	30-Day Post Installation
		6/21/2018	12/11/2018	6/21/2018	12/11/2018
1,1,1-Trichloroethane	5,200	<0.19	<0.17	<0.19	<0.18
1,1,2,2-Tetrachloroethane	0.48	<0.24	<0.21	<0.23	<0.22
1,1,2-Trichloroethane	0.21	<0.19	<0.17	<0.19	<0.18
1,1-Dichloroethane	18	<0.14	<0.12	<0.14	<0.13
1,1-Dichloroethene	210	<0.046	<0.061	<0.068	<0.064
1,2-Dibromoethane (EDB)	0.047	<0.27	<0.24	<0.26	<0.25
1,2-Dichloroethane	1.1	<0.14	<0.12	<0.14	<0.13
1,4-Dichlorobenzene	2.6	<0.21	<0.19	<0.20	<0.19
Benzene	3.6	**0.43**	**1.0**	**0.50**	**1.0**
Carbon Tetrachloride	4.7	**0.48**	**0.49**	**0.54**	**0.47**
Chloroethane	10,000	<0.23	<0.20	<0.22	<0.21
Chloroform	1.2	<0.17	<0.15	<0.17	<0.16
Chloromethane	94	<1.8	<1.6	<1.8	<1.7
cis-1,2-Dichloroethene	NL	<0.14	<0.12	<0.14	<0.13
Ethyl Benzene	11	**0.23**	**0.28**	**0.27**	**0.31**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.25	<0.22	<0.24	<0.22
Freon 12 (Dichlorodifluoromethane)	100	**2.1**	**2.4**	**2.2**	**2.3**
m,p-Xylene	100	**0.71**	**0.90**	**0.80**	**0.96**
Methyl tert-butyl ether	110	<0.64	<0.56	<0.62	<0.58
o-Xylene	100	**0.30**	**0.36**	**0.37**	**0.39**
Tetrachloroethene	42	<0.24	<0.21	<0.23	<0.22
Toluene	5,200	**1.7**	**1.6**	**2.2**	**1.7**
trans-1,2-Dichloroethene	NL	<0.70	<0.61	<0.68	<0.64
Trichloroethene	2.1	<0.19	<0.17	<0.18	<0.17
Vinyl Chloride	1.7	<0.046	<0.040	<0.044	<0.041

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID48

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-48
		6/21/2018
1,1,1-Trichloroethane	173,333	<6.7
1,1,2,2-Tetrachloroethane	16	<8.4
1,1,2-Trichloroethane	7	<6.7
1,1-Dichloroethane	600	<5.0
1,1-Dichloroethene	7,000	<4.9
1,2,4-Trichlorobenzene	70	<36
1,2,4-Trimethylbenzene	2,100	<6.0
1,2-Dibromoethane (EDB)	1.57	<9.4
1,2-Dichlorobenzene	7,000	<7.4
1,2-Dichloroethane	36.67	<5.0
1,2-Dichloropropane	140	<5.7
1,3,5-Trimethylbenzene	2,100	<6.0
1,3-Butadiene	31.33	<2.7
1,3-Dichlorobenzene	NL	<7.4
1,4-Dichlorobenzene	86.67	<7.4
1,4-Dioxane	186.67	<18
2,2,4-Trimethylpentane	NL	**12**
2-Butanone (Methyl Ethyl Ketone)	173,333	<14
2-Hexanone	1,033	<20
2-Propanol (Isopropanol)	7,000	**55**
3-Chloropropene (Allyl Chloride)	33.3	<15
4-Ethyltoluene	NL	<6.0
4-Methyl-2-pentanone	103,333	<5.0
Acetone	1,066,667	**30**
alpha-Chlorotoluene	NL	<6.4
Benzene	120	<3.9
Bromodichloromethane	25.3	<8.2
Bromoform	867	<13
Bromomethane	173.3	<48
Carbon Disulfide	24,333	<15
Carbon Tetrachloride	156.7	<7.7
Chlorobenzene	1,733	<5.7
Chloroethane	333,333	<13
Chloroform	40	<6.0
Chloromethane	3,133	<25
cis-1,2-Dichloroethene	NL	<4.9
cis-1,3-Dichloropropene	233	<5.6
Cumene	14,000	<6.0
Cyclohexane	210,000	<4.2
Dibromochloromethane	NL	<10
Ethanol	NL	**140**
Ethyl Benzene	367	<5.3
Freon 11 (Trichlorofluoromethane)	NL	<6.9
Freon 113 (Trichlorotrifluoroethane)	NL	<9.4
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.6
Freon 12 (Dichlorodifluoromethane)	3,333	<6.1
Heptane	14,000	<5.0
Hexachlorobutadiene	43.3	<52
Hexane	24,333	<4.3
m,p-Xylene	3,333	**18**
Methyl tert-butyl ether	3,667	<18
Methylene Chloride	21,000	<43
o-Xylene	3,333	**6.2**
Propylbenzene	33,333	<6.0
Styrene	33,333	<5.2
Tetrachloroethene	1,400	**8.6**
Tetrahydrofuran	70,000	<3.6
Toluene	173,333	**17**
trans-1,2-Dichloroethene	NL	<4.9
trans-1,3-Dichloropropene	233	<5.6
Trichloroethene	70	**190**
Vinyl Chloride	56.7	<3.1

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID49

Compound	IDEM Indoor Air Screening Levels	Indoor Air						
		Basement				First Floor		
		IA-49-B				IA-49-F		
		06/21/2018	6/21/2018 (Duplicate)	08/22/2018	01/29/2019	06/21/2018	08/22/2018	01/29/2019
1,1,1-Trichloroethane	5200	< 0.21	< 0.19	< 0.20	< 0.17	< 0.48	< 0.18	< 0.17
1,1,2,2-Tetrachloroethane	0.48	< 0.27	< 0.24	< 0.25	< 0.22	< 0.60	< 0.22	< 0.21
1,1,2-Trichloroethane	0.21	< 0.21	< 0.19	< 0.20	< 0.17	< 0.48	< 0.18	< 0.17
1,1-Dichloroethane	18	< 0.16	< 0.14	< 0.15	< 0.13	< 0.36	< 0.13	< 0.13
1,1-Dichloroethene	210	< 0.077	< 0.070	< 0.072	< 0.063	< 0.17	< 0.065	< 0.062
1,2-Dibromoethane	0.047	< 0.30	< 0.27	< 0.28	< 0.24	< 0.68	< 0.25	< 0.24
1,2-Dichloroethane	1.1	**5.5**	**5.4**	**4.4**	**0.28**	**8.5**	**10**	**1.0**
1,2-Dichlorotetrafluoroethane	NL	< 0.27	< 0.25	< 0.25	< 0.22	< 0.62	< 0.23	< 0.22
1,4-Dichlorobenzene	2.6	< 0.23	< 0.21	< 0.22	< 0.19	< 0.53	< 0.20	< 0.19
Benzene	3.6	**0.79**	**0.82**	**0.93**	**0.37**	**0.83**	**0.90**	**0.43**
Carbon Tetrachloride	4.7	**0.48**	**0.49**	**0.60**	**0.48**	< 0.55	**0.58**	**0.47**
CFC-12	100	**2.2**	**2.3**	**2.2**	**2.4**	**2.3**	**2.1**	**2.4**
Chloroethane	10000	< 0.26	< 0.23	< 0.24	< 0.21	< 0.58	< 0.22	< 0.20
Chloroform	1.2	**0.30**	**0.30**	**0.40**	< 0.16	< 0.43	**0.50**	**0.18**
Chloromethane	94	< 2.0	< 1.8	< 1.9	< 1.6	< 4.5	< 1.7	< 1.6
cis-1,2-Dichloroethene	NL	< 0.15	< 0.14	< 0.14	< 0.13	< 0.35	< 0.13	< 0.12
Ethylbenzene	11	**0.84**	**0.85**	**0.40**	< 0.14	**0.96**	**0.40**	< 0.14
m&p-Xylenes	100	**2.8**	**2.8**	**1.1**	**0.30**	**3.0**	**1.1**	**0.38**
Methyl-tert-butylether	110	< 0.70	< 0.64	< 0.65	< 0.58	< 1.6	< 0.59	< 0.56
o-Xylene	100	**0.97**	**0.94**	**0.36**	< 0.14	**0.99**	**0.45**	**0.15**
Tetrachloroethene	42	< 0.26	< 0.24	**6.1**	**0.27**	< 0.60	**16**	**0.92**
Toluene	5200	**10**	**11**	**5.6**	**0.88**	**12**	**7.0**	**2.0**
trans-1,2-Dichloroethene	NL	< 0.77	< 0.70	< 0.72	< 0.63	< 1.7	< 0.65	< 0.62
Trichloroethene	2.1	< 0.21	< 0.19	< 0.19	< 0.17	< 0.47	< 0.18	< 0.17
Vinyl chloride	1.7	< 0.050	< 0.045	< 0.046	< 0.041	< 0.11	< 0.042	< 0.040

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
SHADED Shaded cell indicaes screening level exceedance
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID49

Compound	Sub-Slab Screening Levels[1]	Sub-Slab		
		SS-49		
		06/22/2018	08/23/2018	02/14/2019
1,1,1-Trichloroethane	173333	**7.4**	< 6.2	< 7.5
1,1,2,2-Tetrachloroethane	16	< 7.6	< 7.9	< 9.5
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 8.5	< 8.8	< 10
1,1,2-Trichloroethane	7	< 6.0	< 6.2	< 7.5
1,1-Dichloroethane	600	< 4.5	< 4.6	< 5.6
1,1-Dichloroethene	7000	< 4.4	< 4.5	< 5.5
1,2,4-Trichlorobenzene	70	< 33	< 34	< 41 J
1,2,4-Trimethylbenzene	2100	< 5.4	< 5.6	< 6.8
1,2-Dibromoethane	1.57	< 8.5	< 8.8	< 11
1,2-Dichlorobenzene	7000	< 6.7	< 6.9	< 8.3
1,2-Dichloroethane	36.67	< 4.5	< 4.6	< 5.6
1,2-Dichloropropane	140	< 5.1	< 5.3	< 6.4
1,2-Dichlorotetrafluoroethane	NL	< 7.8	< 8.0	< 9.6
1,3,5-Trimethylbenzene	2100	< 5.4	< 5.6	< 6.8
1,3-Butadiene	31.33	< 2.4	< 2.5	< 3.0
1,3-Dichlorobenzene	NL	< 6.7	< 6.9	< 8.3
1,4-Dichlorobenzene	86.67	< 6.7	< 6.9	< 8.3
1,4-Dioxane	186.67	< 16	< 16	< 20
2,2,4-Trimethylpentane	NL	**7.7**	< 5.3	**7.8**
2-Butanone (MEK)	NL	< 13	< 14	< 16
4-Ethyltoluene	NL	< 5.4	< 5.6	< 6.8
4-Methyl-2-Pentanone	103333	< 4.5	< 4.7	< 5.6
Acetone	1066667	**40**	**34**	< 33
Allyl chloride	33.3	< 14	< 14	< 17
Benzene	120	< 3.5	< 3.6	< 4.4
Benzyl Chloride	NL	< 5.7	< 5.9	< 7.1
Bromodichloromethane	25.3	< 7.4	< 7.7	< 9.2
Bromoform	867	< 11	< 12	< 14
Bromomethane	173.3	< 43	< 44	< 54
Carbon Disulfide	24333	< 14	< 14	< 17
Carbon Tetrachloride	156.7	< 7.0	< 7.2	< 8.7
CFC-11	NL	< 6.2	< 6.4	< 7.8
CFC-12	3333	< 5.5	< 5.7	< 6.8
Chlorobenzene	1733	< 5.1	< 5.3	< 6.4
Chlorodibromomethane	NL	< 9.4	< 9.8	< 12
Chloroethane	333333	< 12	< 12	< 14
Chloroform	40	< 5.4	< 5.6	< 6.7
Chloromethane	3133	< 23	< 24	< 28
cis-1,2-Dichloroethene	NL	< 4.4	< 4.5	< 5.5
cis-1,3-Dichloropropene	233	< 5.0	< 5.2	< 6.3
Cyclohexane	210000	< 3.8	< 3.9	< 4.8
Dichloromethane	21000	< 38	< 40	< 48
Ethanol	NL	**20**	**23**	**33**
Ethylbenzene	367	< 4.8	< 5.0	< 6.0
Hexachloro-1,3-butadiene	43.3	< 47	< 49	< 59 J
Hexane	24333	< 3.9	< 4.0	< 4.9
Isopropyl alcohol	7000	< 11	< 11	< 14
Isopropylbenzene	14000	< 5.4	< 5.6	< 6.8
m&p-Xylenes	3333	**11**	**5.0**	**12**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 18	< 19	< 23
Methyl-tert-butylether	3667	< 16	< 16	< 20
n-Heptane	14000	< 4.5	< 4.7	< 5.6
n-Propylbenzene	33333	< 5.4	< 5.6	< 6.8
o-Xylene	3333	**5.2**	< 5.0	< 6.0
Styrene (Monomer)	33333	< 4.7	< 4.9	< 5.9
Tetrachloroethene	1400	< 7.5	**9.7**	< 9.4
Tetrahydrofuran	70000	< 3.3	< 3.4	< 4.1
Toluene	173333	**19**	**4.9**	**11**
trans-1,2-Dichloroethene	NL	< 4.4	< 4.5	< 5.5
trans-1,3-Dichloropropene	233	< 5.0	< 5.2	< 6.3
Trichloroethene	70	**15**	< 6.2	**12**
Vinyl chloride	56.7	< 2.8	< 2.9	< 3.5

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID50

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		Basement		First Floor	
		IA-50-B		IA-50-F	
		6/22/2018	12/4/2018	6/22/2018	12/4/2018
1,1,1-Trichloroethane	5,200	<0.19	<0.19	<0.20	<0.18
1,1,2,2-Tetrachloroethane	0.48	<0.24	<0.24	<0.24	<0.22
1,1,2-Trichloroethane	0.21	<0.19	<0.19	<0.20	<0.18
1,1-Dichloroethane	18	<0.14	<0.14	<0.14	<0.13
1,1-Dichloroethene	210	<0.069	<0.069	<0.071	<0.065
1,2-Dibromoethane (EDB)	0.047	<0.27	<0.27	<0.28	<0.25
1,2-Dichloroethane	1.1	**1.8**	**0.32**	**2.2**	**0.34**
1,4-Dichlorobenzene	2.6	**0.21**	<0.21	<0.22	<0.20
Benzene	3.6	**0.58**	**1.4**	**0.58**	**0.98**
Carbon Tetrachloride	4.7	**0.54**	**0.60**	**0.55**	**0.55**
Chloroethane	10,000	<0.23	<0.23	<0.24	<0.22
Chloroform	1.2	**13**	**3.1**	**14**	**1.8**
Chloromethane	94	<1.8	<1.8	<1.8	<1.7
cis-1,2-Dichloroethene	NL	<0.14	<0.14	<0.14	<0.13
Ethyl Benzene	11	**2.0**	**3.8**	**2.3**	**2.4**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.24	<0.24	<0.25	<0.23
Freon 12 (Dichlorodifluoromethane)	100	**2.2**	**2.6**	**2.2**	**2.3**
m,p-Xylene	100	**6.2**	**18.0**	**6.7**	**11**
Methyl tert-butyl ether	110	<0.63	<0.64	<0.64	<0.59
o-Xylene	100	**2.4**	**6.4**	**2.6**	**4.0**
Tetrachloroethene	42	<0.24	<0.24	**0.25**	<0.22
Toluene	5,200	**17**	**11**	**21**	**6.2**
trans-1,2-Dichloroethene	NL	<0.69	<0.69	<0.71	<0.65
Trichloroethene	2.1	**0.49**	<0.19	**0.41**	<0.18
Vinyl Chloride	1.7	<0.045	<0.044	<0.046	<0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID50

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-50
		6/22/2018
1,1,1-Trichloroethane	173,333	**18**
1,1,2,2-Tetrachloroethane	16	<11
1,1,2-Trichloroethane	7	<8.7
1,1-Dichloroethane	600	<6.5
1,1-Dichloroethene	7,000	<6.3
1,2,4-Trichlorobenzene	70	<47
1,2,4-Trimethylbenzene	2,100	<7.9
1,2-Dibromoethane (EDB)	1.57	<12
1,2-Dichlorobenzene	7,000	<9.6
1,2-Dichloroethane	36.67	<6.5
1,2-Dichloropropane	140	<7.4
1,3,5-Trimethylbenzene	2,100	<7.9
1,3-Butadiene	31.33	<3.5
1,3-Dichlorobenzene	NL	<9.6
1,4-Dichlorobenzene	86.67	<9.6
1,4-Dioxane	186.67	<23
2,2,4-Trimethylpentane	NL	**9.0**
2-Butanone (Methyl Ethyl Ketone)	173,333	<19
2-Hexanone	1,033	<26
2-Propanol (Isopropanol)	7,000	<16
3-Chloropropene (Allyl Chloride)	33.3	<20
4-Ethyltoluene	NL	<7.9
4-Methyl-2-pentanone	103,333	<6.6
Acetone	1,066,667	<38
alpha-Chlorotoluene	NL	<8.3
Benzene	120	<5.1
Bromodichloromethane	25.3	<11
Bromoform	867	<16
Bromomethane	173.3	<62
Carbon Disulfide	24,333	<20
Carbon Tetrachloride	156.7	<10
Chlorobenzene	1,733	<7.4
Chloroethane	333,333	<17
Chloroform	40	<7.8
Chloromethane	3,133	<33
cis-1,2-Dichloroethene	NL	<6.3
cis-1,3-Dichloropropene	233	<7.3
Cumene	14,000	<7.9
Cyclohexane	210,000	<5.5
Dibromochloromethane	NL	<14
Ethanol	NL	**14**
Ethyl Benzene	367	<6.9
Freon 11 (Trichlorofluoromethane)	NL	<9.0
Freon 113 (Trichlorotrifluoroethane)	NL	<12
Freon 114 (Dichlorotetrafluoroethane)	NL	<11
Freon 12 (Dichlorodifluoromethane)	3,333	**42**
Heptane	14,000	<6.6
Hexachlorobutadiene	43.3	<68
Hexane	24,333	<5.6
m,p-Xylene	3,333	**11**
Methyl tert-butyl ether	3,667	<23
Methylene Chloride	21,000	<56
o-Xylene	3,333	<6.9
Propylbenzene	33,333	<7.9
Styrene	33,333	<6.8
Tetrachloroethene	1,400	<11
Tetrahydrofuran	70,000	<4.7
Toluene	173,333	**9.4**
trans-1,2-Dichloroethene	NL	<6.3
trans-1,3-Dichloropropene	233	<7.3
Trichloroethene	70	**2600**
Vinyl Chloride	56.7	<4.1

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected analyte

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID51

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		Basement		First Floor	
		IA-51-B		IA-51-F	
		08/14/2018	01/30/2019	08/14/2018	01/30/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.18	< 0.20	< 0.19
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.22	< 0.25	< 0.24
1,1,2-Trichloroethane	0.21	< 0.18	< 0.18	< 0.20	< 0.19
1,1-Dichloroethane	18	< 0.14	< 0.13	< 0.14	< 0.14
1,1-Dichloroethene	210	< 0.067	< 0.064	< 0.071	< 0.069
1,2-Dibromoethane	0.047	< 0.26	< 0.25	< 0.28	< 0.27
1,2-Dichloroethane	1.1	**0.18**	< 0.13	**0.24**	< 0.14
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.22	< 0.25	< 0.24
1,4-Dichlorobenzene	2.6	**0.50**	< 0.19	< 0.22	< 0.21
Benzene	3.6	**0.56**	**0.64**	**0.57**	**0.86**
Carbon Tetrachloride	4.7	**0.36**	**0.43**	**0.31**	**0.47**
CFC-12	100	**2.2**	**2.3**	**2.1**	**2.3**
Chloroethane	10000	< 0.22	< 0.21	< 0.24	< 0.23
Chloroform	1.2	< 0.16	**0.23**	< 0.18	**0.22**
Chloromethane	94	< 1.7	< 1.7	< 1.8	< 1.8
cis-1,2-Dichloroethene	NL	< 0.13	< 0.13	< 0.14	< 0.14
Ethylbenzene	11	**0.38**	**0.24**	**0.47**	**0.24**
m&p-Xylenes	100	**1.1**	**0.77**	**1.3**	**0.69**
Methyl-tert-butylether	110	< 0.61	< 0.58	< 0.65	< 0.63
o-Xylene	100	**0.46**	**0.32**	**0.57**	**0.26**
Tetrachloroethene	42	< 0.23	< 0.22	< 0.24	**1.9**
Toluene	5200	**2.3**	**1.0**	**3.6**	**1.3**
trans-1,2-Dichloroethene	NL	< 0.67	< 0.64	< 0.71	< 0.69
Trichloroethene	2.1	< 0.18	< 0.17	< 0.19	< 0.19
Vinyl chloride	1.7	< 0.043	< 0.041	< 0.046	< 0.045

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID51

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-51
		8/15/2018
1,1,1-Trichloroethane	173,333	<6.5
1,1,2,2-Tetrachloroethane	16	<8.2
1,1,2-Trichloroethane	7	<6.5
1,1-Dichloroethane	600	<4.8
1,1-Dichloroethene	7,000	<4.7
1,2,4-Trichlorobenzene	70	<35
1,2,4-Trimethylbenzene	2,100	<5.8
1,2-Dibromoethane (EDB)	1.57	<9.1
1,2-Dichlorobenzene	7,000	<7.2
1,2-Dichloroethane	36.67	<4.8
1,2-Dichloropropane	140	<5.5
1,3,5-Trimethylbenzene	2,100	<5.8
1,3-Butadiene	31.33	<2.6
1,3-Dichlorobenzene	NL	<7.2
1,4-Dichlorobenzene	86.67	<7.2
1,4-Dioxane	186.67	<17
2,2,4-Trimethylpentane	NL	**6.0**
2-Butanone (Methyl Ethyl Ketone)	173,333	**16**
2-Hexanone	1,033	<19
2-Propanol (Isopropanol)	7,000	<12
3-Chloropropene	33.3	<15
4-Ethyltoluene	NL	<5.8
4-Methyl-2-pentanone	103,333	<4.9
Acetone	1,066,667	**66**
alpha-Chlorotoluene	NL	<6.2
Benzene	120	<3.8
Bromodichloromethane	25.3	<8.0
Bromoform	867	<12
Bromomethane	173.3	<46
Carbon Disulfide	24,333	<15
Carbon Tetrachloride	156.7	<7.5
Chlorobenzene	1,733	<5.5
Chloroethane	333,333	<12
Chloroform	40	**<5.8**
Chloromethane	3,133	<24
cis-1,2-Dichloroethene	NL	<4.7
cis-1,3-Dichloropropene	233	<5.4
Cumene	14,000	<5.8
Cyclohexane	210,000	<4.1
Dibromochloromethane	NL	<10
Ethanol	NL	**73**
Ethyl Benzene	367	<5.2
Freon 11 (Trichlorofluoromethane)	NL	<6.7
Freon 113 (Trichlorotrifluoroethane)	NL	<9,1
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.3
Freon 12 (Dichlorodifluoromethane)	3,333	<5.9
Heptane	14,000	<4.9
Hexachlorobutadiene	43.3	<51
Hexane	24,333	<4.2
m,p-Xylene	3,333	**9.3**
Methyl tert-butyl ether	3,667	<17
Methylene Chloride	21,000	<41
o-Xylene	3,333	<5.2
Propylbenzene	33,333	<5.8
Styrene	33,333	<5.1
Tetrachloroethene	1,400	<8.1
Tetrahydrofuran	70,000	<3.5
Toluene	173,333	**9.8**
trans-1,2-Dichloroethene	NL	<4.7
trans-1,3-Dichloropropene	233	<5.4
Trichloroethene	70	<6.4
Vinyl Chloride	56.7	<3.0

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID52

Compound	IDEM Indoor Air Screening Levels	First Floor			
		IA-52-F		IA-52-W	IA-52-F2
		8/15/2018	12/5/2018	12/5/2018	12/5/2018
1,1,1-Trichloroethane	22,000	**0.19**	<0.18	<0.16	<0.17
1,1,2,2-Tetrachloroethane	2.1	<0.19	<0.22	<0.20	<0.22
1,1,2-Trichloroethane	0.88	<0.15	<0.18	<0.16	<0.17
1,1-Dichloroethane	77	<0.11	<0.13	<0.12	<0.13
1,1-Dichloroethene	880	<0.055	<0.065	<0.059	<0.063
1,2-Dibromoethane (EDB)	0.2	<0.21	<0.25	<0.23	<0.24
1,2-Dichloroethane	4.7	<0.11	<0.13	<0.12	<0.13
1,4-Dichlorobenzene	11	**0.28**	<0.20	<0.18	<0.19
Benzene	16	**0.55**	**0.41**	**0.43**	**0.41**
Carbon Tetrachloride	20	**0.54**	**0.42**	**0.42**	**0.43**
Chloroethane	44,000	<0.18	<0.22	<0.20	<0.21
Chloroform	5.3	**0.25**	<0.16	<0.14	<0.15
Chloromethane	390	**1.5**	<1.7	<1.5	<1.6
cis-1,2-Dichloroethene	NL	<0.11	<0.13	<0.12	<0.12
Ethyl Benzene	49	**0.40**	**0.25**	**0.39**	**<0.14**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.19	<0.23	<0.21	<0.22
Freon 12 (Dichlorodifluoromethane)	440	**2.1**	**1.7**	**1.7**	**1.7**
m,p-Xylene	440	**1.2**	**0.76**	**1.1**	<0.27
Methyl tert-butyl ether	180	<0.50	<0.59	<0.54	<0.57
o-Xylene	440	**0.64**	**0.30**	**0.35**	<0.14
Tetrachloroethene	180	**0.28**	**0.34**	**0.66**	<0.21
Toluene	22,000	**7.1**	**2.5**	**4.7**	**0.70**
trans-1,2-Dichloroethene	NL	<0.55	<0.65	<0.59	<0.63
Trichloroethene	8.8	**1.0**	**0.69**	<0.16	<0.17
Vinyl Chloride	28	<0.035	<0.042	<0.038	<0.040

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for ommercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID52

Compound	Sub-Slab Screening Levels †	Sub-Slab		
		SS-52		SS-52-W
		8/15/2018	12/5/2018	12/5/2018
1,1,1-Trichloroethane	733,333	<6.7	<6.1	<6.0
1,1,2,2-Tetrachloroethane	70	<8.5	<7.7	<7.6
1,1,2-Trichloroethane	29	<6.7	<6.1	<6.0
1,1-Dichloroethane	2,567	<5.0	<4.6	<4.4
1,1-Dichloroethene	29,333	<4.9	<4.5	<4.4
1,2,4-Trichlorobenzene	293	<37	<33	<33
1,2,4-Trimethylbenzene	8,667	<6.1	<5.5	<5.4
1,2-Dibromoethane (EDB)	7	<9.5	<8.6	<8.4
1,2-Dichlorobenzene	29,333	<7.4	<6.8	<6.6
1,2-Dichloroethane	157	<5.0	<4.6	<4.4
1,2-Dichloropropane	600	<5.7	<5.2	<5.1
1,3,5-Trimethylbenzene	8,667	<6.1	<5.5	<5.4
1,3-Butadiene	31.33	<2.7	<2.5	<2.4
1,3-Dichlorobenzene	NL	<7.4	<6.8	<6.6
1,4-Dichlorobenzene	367	<7.4	<6.8	<6.6
1,4-Dioxane	833	<18	<16	<16
2,2,4-Trimethylpentane	NL	**12**	<5.2	**7.2**
2-Butanone (Methyl Ethyl Ketone)	733,333	<14	<13	<13
2-Hexanone	1,033	<20	<18	<18
2-Propanol (Isopropanol)	29,222	<12	<11	<11
3-Chloropropene	33.3	<15	<14	<14
4-Ethyltoluene	NL	<6.1	<5.5	<5.4
4-Methyl-2-pentanone	433,333	<5.0	<4.6	<4.5
Acetone	4,666,667	**33**	<27	<26
alpha-Chlorotoluene	NL	<6.4	<5.8	<5.7
Benzene	533	<3.9	<3.6	**6.4**
Bromodichloromethane	110	<8.3	<7.5	<7.4
Bromoform	3,667	<13	<12	<11
Bromomethane	13,000	<48	<44	<43
Carbon Disulfide	103,333	<15	<14	<14
Carbon Tetrachloride	667	<7.8	<7.1	<6.9
Chlorobenzene	7,333	<5.7	<5.2	<5.1
Chloroethane	1,466,667	<13	<12	<12
Chloroform	177	<6.0	<5.5	<5.4
Chloromethane	13,000	<26	<23	<23
cis-1,2-Dichloroethene	NL	<4.9	<4.5	<4.4
cis-1,3-Dichloropropene	1,033	<5.6	<5.1	<5.0
Cumene	14,000	<6.1	<5.5	<5.4
Cyclohexane	866,667	<4.2	<3.9	**23**
Dibromochloromethane	NL	<10	<9.6	<9.4
Ethanol	NL	**39**	**58**	**40**
Ethyl Benzene	1,633	<5.4	<4.9	<4.8
Freon 11 (Trichlorofluoromethane)	NL	<6.9	<6.3	<6.2
Freon 113 (Trichlorotrifluoroethane)	NL	<9.5	<8.6	<8.4
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.6	<7.9	<7.7
Freon 12 (Dichlorodifluoromethane)	14,667	<6.1	<5.6	<5.4
Heptane	14,000	<5.1	<4.6	**30**
Hexachlorobutadiene	187	<53	<48	<47
Hexane	103,333	<4.4	<4.0	**21**
m,p-Xylene	14,667	**14**	<4.9	**5.2**
Methyl tert-butyl ether	6,000	<18	<16	<16
Methylene Chloride	86,667	<43	<39	<38
o-Xylene	14,667	**5.5**	<4.9	<4.8
Propylbenzene	33,333	<6.1	<5.5	<5.4
Styrene	146,667	<5.3	<4.8	<4.7
Tetrachloroethene	6,000	<8.4	<7.6	<7.5
Tetrahydrofuran	293,333	<3.6	<3.3	<3.2
Toluene	733,333	**16**	<4.2	**12**
trans-1,2-Dichloroethene	NL	<4.9	<4.5	<4.4
trans-1,3-Dichloropropene	1,033	<5.6	<5.1	<5.0
Trichloroethene	293	**700**	**39**	<5.9
Vinyl Chloride	933	<3.2	<2.9	<2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID53

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		Basement		First Floor	
		IA-53-B		IA-53-F	
		08/16/2018	01/23/2019	08/16/2018	01/23/2019
1,1,1-Trichloroethane	5200	< 0.19	< 0.17	< 0.19	< 0.16
1,1,2,2-Tetrachloroethane	0.48	< 0.24	< 0.21	< 0.24	< 0.20
1,1,2-Trichloroethane	0.21	< 0.19	< 0.17	< 0.19	< 0.16
1,1-Dichloroethane	18	< 0.14	< 0.13	< 0.14	< 0.12
1,1-Dichloroethene	210	< 0.068	< 0.062	< 0.068	< 0.058
1,2-Dibromoethane	0.047	< 0.26	< 0.24	< 0.26	< 0.22
1,2-Dichloroethane	1.1	**6.6**	**0.50**	**6.9**	**0.74**
1,2-Dichlorotetrafluoroethane	NA	< 0.24	< 0.22	< 0.24	< 0.20
1,4-Dichlorobenzene	2.6	< 0.21	< 0.19	< 0.21	< 0.18
Benzene	3.6	**1.1**	**0.52**	**1.2**	**0.55**
Carbon Tetrachloride	4.7	**0.49**	**0.49**	**0.44**	**0.52**
CFC-12	100	**2.1**	**2.4**	**2.1**	**2.4**
Chloroethane	10000	< 0.23	< 0.20	< 0.23	< 0.19
Chloroform	1.2	**0.59**	**0.15**	**0.60**	**0.16**
Chloromethane	94	**1.8**	< 1.6	**1.8**	< 1.5
cis-1,2-Dichloroethene	NA	< 0.14	< 0.12	< 0.14	< 0.12
Ethylbenzene	11	**0.23**	< 0.14	**0.28**	< 0.13
m&p-Xylenes	100	**0.49**	< 0.27	**0.53**	< 0.25
Methyl-tert-butylether	110	< 0.62	< 0.56	< 0.62	< 0.53
o-Xylene	100	**0.27**	< 0.14	**0.30**	< 0.13
Tetrachloroethene	42	< 0.23	< 0.21	< 0.23	< 0.20
Toluene	5200	**2.9**	**0.59**	**3.2**	**0.52**
trans-1,2-Dichloroethene	NA	< 0.68	< 0.62	< 0.68	< 0.58
Trichloroethene	2.1	< 0.18	< 0.17	< 0.18	< 0.16
Vinyl chloride	1.7	< 0.044	< 0.040	< 0.044	< 0.037

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID53

Compound	Sub-Slab Screening Levels[1]	Sub-Slab	
		SS-53	
		08/17/2018	01/24/2019
1,1,1-Trichloroethane	173333	< 6.5	< 5.5
1,1,2,2-Tetrachloroethane	16	< 8.2	< 6.9
1,1,2-trichloro-1,2,2-trifluoroethane	NA	< 9.2	< 7.7
1,1,2-Trichloroethane	7	< 6.5	< 5.5
1,1-Dichloroethane	600	< 4.8	< 4.1
1,1-Dichloroethene	7000	< 4.7	< 4.0
1,2,4-Trichlorobenzene	70	< 35	< 30
1,2,4-Trimethylbenzene	2100	< 5.9	< 5.0
1,2-Dibromoethane	1.57	< 9.2	< 7.8
1,2-Dichlorobenzene	7000	< 7.2	< 6.1
1,2-Dichloroethane	36.67	< 4.8	< 4.1
1,2-Dichloropropane	140	< 5.5	< 4.7
1,2-Dichlorotetrafluoroethane	NA	< 8.4	< 7.1
1,3,5-Trimethylbenzene	2100	< 5.9	< 5.0
1,3-Butadiene	31.33	< 2.6	< 2.2
1,3-Dichlorobenzene	NA	< 7.2	< 6.1
1,4-Dichlorobenzene	86.67	< 7.2	< 6.1
1,4-Dioxane	186.67	< 17	< 14
2,2,4-Trimethylpentane	NA	**8.1**	< 4.7
2-Butanone (MEK)	NA	< 14	< 12
4-Ethyltoluene	NA	< 5.9	< 5.0
4-Methyl-2-Pentanone	103333	< 4.9	< 4.1
Acetone	1066667	**52**	< 24
Allyl chloride	33.3	< 15	< 13
Benzene	120	< 3.8	< 3.2
Benzyl Chloride	NA	< 6.2	< 5.2
Bromodichloromethane	25.3	< 8.0	< 6.8
Bromoform	867	< 12	< 10
Bromomethane	173.3	< 46	< 39
Carbon Disulfide	24333	< 15	< 12
Carbon Tetrachloride	156.7	< 7.5	< 6.4
CFC-11	NA	< 6.7	< 5.7
CFC-12	3333	< 5.9	< 5.0
Chlorobenzene	1733	< 5.5	< 4.6
Chlorodibromomethane	NA	< 10	< 8.6
Chloroethane	333333	< 13	< 11
Chloroform	40	< 5.8	< 4.9
Chloromethane	3133	< 25	< 21
cis-1,2-Dichloroethene	NA	< 4.7	< 4.0
cis-1,3-Dichloropropene	233	< 5.4	< 4.6
Cyclohexane	210000	< 4.1	< 3.5
Dichloromethane	21000	< 42	< 35
Ethanol	NA	**47**	**16**
Ethylbenzene	367	< 5.2	< 4.4
Hexachloro-1,3-butadiene	43.3	< 51	< 43
Hexane	24333	**4.5**	< 3.6
Isopropyl alcohol	7000	< 12	< 9.9
Isopropylbenzene	14000	< 5.9	< 5.0
m&p-Xylenes	3333	**7.1**	< 4.4
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 20	< 16
Methyl-tert-butylether	3667	< 17	< 14
n-Heptane	14000	**5.0**	< 4.1
n-Propylbenzene	33333	< 5.9	< 5.0
o-Xylene	3333	< 5.2	< 4.4
Styrene (Monomer)	33333	< 5.1	< 4.3
Tetrachloroethene	1400	< 8.1	< 6.8
Tetrahydrofuran	70000	< 3.5	< 3.0
Toluene	173333	**15**	< 3.8
trans-1,2-Dichloroethene	NA	< 4.7	< 4.0
trans-1,3-Dichloropropene	233	< 5.4	< 4.6
Trichloroethene	70	< 6.4	< 5.4
Vinyl chloride	56.7	< 3.0	< 2.6

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type exceed screening levels

SHADED : Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID54

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	
		IA-54-F	
		08/21/2018	01/30/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.22	< 0.22
1,1,2-Trichloroethane	0.21	< 0.18	< 0.18
1,1-Dichloroethane	18	< 0.13	< 0.13
1,1-Dichloroethene	210	< 0.065	< 0.065
1,2-Dibromoethane	0.047	< 0.25	< 0.25
1,2-Dichloroethane	1.1	< 0.13	< 0.13
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.23
1,4-Dichlorobenzene	2.6	**0.45**	< 0.20
Benzene	3.6	**0.39**	**0.44**
Carbon Tetrachloride	4.7	**0.46**	**0.48**
CFC-12	100	**2.0**	**2.4**
Chloroethane	10000	< 0.22	< 0.22
Chloroform	1.2	**0.24**	**0.29**
Chloromethane	94	< 1.7	< 1.7
cis-1,2-Dichloroethene	NL	< 0.13	< 0.13
Ethylbenzene	11	**0.17**	< 0.14
m&p-Xylenes	100	**0.44**	< 0.28
Methyl-tert-butylether	110	< 0.59	< 0.59
o-Xylene	100	**0.21**	< 0.14
Tetrachloroethene	42	< 0.22	< 0.22
Toluene	5200	**1.3**	**0.37**
trans-1,2-Dichloroethene	NL	< 0.65	< 0.65
Trichloroethene	2.1	< 0.18	< 0.18
Vinyl chloride	1.7	**0.062**	< 0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID54

Compound	Sub-Slab Screening Levels †	Sub-Slab	
		SS-54	
		8/22/2018	1/30/2019
1,1,1-Trichloroethane	173333	< 6.5	< 5.9
1,1,2,2-Tetrachloroethane	16	< 8.2	< 7.4
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 9.2	< 8.3
1,1,2-Trichloroethane	7	< 6.5	< 5.9
1,1-Dichloroethane	600	< 4.8	< 4.4
1,1-Dichloroethene	7000	< 4.8	< 4.3
1,2,4-Trichlorobenzene	70	< 36	< 32
1,2,4-Trimethylbenzene	2100	< 5.9	< 5.3
1,2-Dibromoethane	1.57	< 9.2	< 8.3
1,2-Dichlorobenzene	7000	< 7.2	< 6.5
1,2-Dichloroethane	36.67	< 4.8	< 4.4
1,2-Dichloropropane	140	< 5.5	< 5.0
1,2-Dichlorotetrafluoroethane	NL	< 8.4	< 7.6
1,3,5-Trimethylbenzene	2100	< 5.9	< 5.3
1,3-Butadiene	31.33	< 2.6	< 2.4
1,3-Dichlorobenzene	NL	< 7.2	< 6.5
1,4-Dichlorobenzene	86.67	< 7.2	< 6.5
1,4-Dioxane	186.67	< 17	< 16
2,2,4-Trimethylpentane	NL	< 5.6	< 5.1
2-Butanone (MEK)	173,333	< 14	< 13
4-Ethyltoluene	NL	< 5.9	< 5.3
4-Methyl-2-Pentanone	103333	< 4.9	< 4.4
Acetone	1066667	**42**	< 26
Allyl chloride	33.3	< 15	< 14
Benzene	120	< 3.8	< 3.5
Benzyl Chloride	NL	< 6.2	< 5.6
Bromodichloromethane	25.3	< 8.0	< 7.3
Bromoform	867	< 12	< 11
Bromomethane	173.3	< 47	< 42
Carbon Disulfide	24333	< 15	< 14
Carbon Tetrachloride	156.7	< 7.6	< 6.8
CFC-11	NL	< 6.7	< 6.1
CFC-12	3333	< 5.9	< 5.4
Chlorobenzene	1733	< 5.5	< 5.0
Chlorodibromomethane	NL	< 10	< 9.2
Chloroethane	333333	< 13	< 11
Chloroform	40	< 5.8	< 5.3
Chloromethane	3133	< 25	< 22
cis-1,2-Dichloroethene	NL	< 4.8	< 4.3
cis-1,3-Dichloropropene	233	< 5.4	< 4.9
Cyclohexane	210000	< 4.1	< 3.7
Dichloromethane	21000	< 42	< 38
Ethanol	NL	**30**	**280**
Ethylbenzene	367	< 5.2	< 4.7
Hexachloro-1,3-butadiene	43.3	< 51	< 46
Hexane	24333	< 4.2	< 3.8
Isopropyl alcohol	7000	< 12	< 11
Isopropylbenzene	14000	< 5.9	< 5.3
m&p-Xylenes	3333	< 5.2	< 4.7
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 20	< 18
Methyl-tert-butylether	3667	< 17	< 16
n-Heptane	14000	< 4.9	< 4.4
n-Propylbenzene	33333	< 5.9	< 5.3
o-Xylene	3333	< 5.2	< 4.7
Styrene (Monomer)	33333	< 5.1	< 4.6
Tetrachloroethene	1400	< 8.1	< 7.4
Tetrahydrofuran	70000	< 3.5	< 3.2
Toluene	173333	< 4.5	< 4.1
trans-1,2-Dichloroethene	NL	< 4.8	< 4.3
trans-1,3-Dichloropropene	233	< 5.4	< 4.9
Trichloroethene	70	< 6.4	< 5.8
Vinyl chloride	56.7	< 3.1	< 2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID55

Compound	IDEM Indoor Air Screening Levels	Indoor Air			
		Basement		First Floor	
		IA-55-B		IA-55-F	
		08/21/2018	01/28/2019	08/21/2018	01/28/2019
1,1,1-Trichloroethane	5200	< 0.18	< 0.19	< 0.19	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.23	< 0.24	< 0.23	< 0.23
1,1,2-Trichloroethane	0.21	< 0.18	< 0.19	< 0.19	< 0.18
1,1-Dichloroethane	18	< 0.14	< 0.14	< 0.14	< 0.14
1,1-Dichloroethene	210	< 0.067	< 0.070	< 0.068	< 0.067
1,2-Dibromoethane	0.047	< 0.26	< 0.27	< 0.26	< 0.26
1,2-Dichloroethane	1.1	**0.63**	< 0.14	**0.98**	**0.26**
1,2-Dichlorotetrafluoroethane	NL	< 0.23	< 0.25	< 0.24	< 0.24
1,4-Dichlorobenzene	2.6	< 0.20	< 0.21	**0.34**	< 0.20
Benzene	3.6	**0.40**	**0.44**	**0.39**	**0.46**
Carbon Tetrachloride	4.7	**0.55**	**0.49**	**0.47**	**0.50**
CFC-12	100	**2.3**	**2.4**	**2.2**	**2.5**
Chloroethane	10000	< 0.22	< 0.23	< 0.22	< 0.22
Chloroform	1.2	**0.22**	< 0.17	**0.22**	< 0.17
Chloromethane	94	< 1.7	< 1.8	< 1.8	< 1.8
cis-1,2-Dichloroethene	NL	< 0.13	< 0.14	< 0.14	< 0.13
Ethylbenzene	11	**0.15**	< 0.15	**0.18**	< 0.15
m&p-Xylenes	100	**0.41**	< 0.31	**0.42**	< 0.30
Methyl-tert-butylether	110	< 0.60	< 0.64	< 0.62	< 0.61
o-Xylene	100	**0.19**	< 0.15	**0.20**	< 0.15
Tetrachloroethene	42	< 0.23	< 0.24	< 0.23	< 0.23
Toluene	5200	**1.2**	**0.51**	**1.6**	**0.79**
trans-1,2-Dichloroethene	NL	< 0.67	< 0.70	< 0.68	< 0.67
Trichloroethene	2.1	< 0.18	< 0.19	< 0.18	< 0.18
Vinyl chloride	1.7	< 0.043	< 0.046	< 0.044	< 0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID55

Compound	Sub-Slab Screening Levels[1]	Sub-Slab	
		SS-55	
		08/22/2018	02/13/2019
1,1,1-Trichloroethane	173333	< 6.1	< 7.4
1,1,2,2-Tetrachloroethane	16	< 7.7	< 9.3
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 8.6	< 10
1,1,2-Trichloroethane	7	< 6.1	< 7.4
1,1-Dichloroethane	600	< 4.5	< 5.5
1,1-Dichloroethene	7000	< 4.4	< 5.4
1,2,4-Trichlorobenzene	70	< 33	< 40
1,2,4-Trimethylbenzene	2100	< 5.5	< 6.6
1,2-Dibromoethane	1.57	< 8.6	< 10
1,2-Dichlorobenzene	7000	< 6.7	< 8.1
1,2-Dichloroethane	36.67	< 4.5	< 5.5
1,2-Dichloropropane	140	< 5.2	< 6.2
1,2-Dichlorotetrafluoroethane	NL	< 7.8	< 9.4
1,3,5-Trimethylbenzene	2100	< 5.5	< 6.6
1,3-Butadiene	31.33	< 2.5	< 3.0
1,3-Dichlorobenzene	NL	< 6.7	< 8.1
1,4-Dichlorobenzene	86.67	< 6.7	< 8.1
1,4-Dioxane	186.67	< 16	< 19
2,2,4-Trimethylpentane	NL	< 5.2	**12**
2-Butanone (MEK)	NL	< 13	< 16
4-Ethyltoluene	NL	< 5.5	< 6.6
4-Methyl-2-Pentanone	103333	< 4.6	< 5.5
Acetone	1066667	**66**	< 32
Allyl chloride	33.3	< 14	< 17
Benzene	120	< 3.6	< 4.3
Benzyl Chloride	NL	< 5.8	< 7.0
Bromodichloromethane	25.3	< 7.5	< 9.0
Bromoform	867	< 12	< 14
Bromomethane	173.3	< 43	< 52
Carbon Disulfide	24333	< 14	< 17
Carbon Tetrachloride	156.7	< 7.0	< 8.5
CFC-11	NL	< 6.3	< 7.6
CFC-12	3333	< 5.5	< 6.7
Chlorobenzene	1733	< 5.2	< 6.2
Chlorodibromomethane	NL	< 9.5	< 12
Chloroethane	333333	< 12	< 14
Chloroform	40	< 5.5	< 6.6
Chloromethane	3133	< 23	< 28
cis-1,2-Dichloroethene	NL	< 4.4	< 5.4
cis-1,3-Dichloropropene	233	< 5.1	< 6.1
Cyclohexane	210000	< 3.8	< 4.6
Dichloromethane	21000	< 39	< 47
Ethanol	NL	**61**	**12**
Ethylbenzene	367	< 4.9	< 5.9
Hexachloro-1,3-butadiene	43.3	< 48	< 58
Hexane	24333	< 3.9	< 4.8
Isopropyl alcohol	7000	**44**	< 13
Isopropylbenzene	14000	< 5.5	< 6.6
m&p-Xylenes	3333	**5.7**	**17**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 18	< 22
Methyl-tert-butylether	3667	< 16	< 19
n-Heptane	14000	< 4.6	< 5.5
n-Propylbenzene	33333	< 5.5	< 6.6
o-Xylene	3333	< 4.9	**6.7**
Styrene (Monomer)	33333	< 4.8	< 5.8
Tetrachloroethene	1400	< 7.6	< 9.2
Tetrahydrofuran	70000	< 3.3	< 4.0
Toluene	173333	**5.8**	**16**
trans-1,2-Dichloroethene	NL	< 4.4	< 5.4
trans-1,3-Dichloropropene	233	< 5.1	< 6.1
Trichloroethene	70	< 6.0	< 7.2
Vinyl chloride	56.7	< 2.9	< 3.4

Notes:

* : Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for

: Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID56

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement		First Floor		Garage	
		IA-56-B		IA-56-F		IA-56-G	
		08/22/2018	01/29/2019	08/22/2018	01/29/2019	08/22/2018	01/29/2019
1,1,1-Trichloroethane	5200	< 0.28	< 0.19	< 0.17	< 0.18	< 0.37	< 0.16
1,1,2,2-Tetrachloroethane	0.48	< 0.35	< 0.24	< 0.21	< 0.23	< 0.46	< 0.21
1,1,2-Trichloroethane	0.21	< 0.28	< 0.19	< 0.17	< 0.18	< 0.37	< 0.16
1,1-Dichloroethane	18	< 0.20	< 0.14	< 0.12	< 0.13	< 0.27	< 0.12
1,1-Dichloroethene	210	< 0.10	< 0.068	< 0.061	< 0.066	< 0.13	< 0.060
1,2-Dibromoethane	0.047	< 0.39	< 0.26	< 0.24	< 0.26	< 0.52	< 0.23
1,2-Dichloroethane	1.1	< 0.20	< 0.14	< 0.12	< 0.13	< 0.27	**0.28**
1,2-Dichlorotetrafluoroethane	NL	< 0.35	< 0.24	< 0.22	< 0.23	< 0.47	< 0.21
1,4-Dichlorobenzene	2.6	**1.2**	< 0.21	**1.4**	< 0.20	< 0.41	< 0.18
Benzene	3.6	**0.59**	**0.38**	**0.62**	**0.36**	**1.0**	**0.55**
Carbon Tetrachloride	4.7	**0.43**	**0.32**	**0.48**	**0.48**	< 0.42	**0.50**
CFC-12	100	**2.3**	**2.5**	**2.3**	**2.5**	**2.3**	**2.4**
Chloroethane	10000	< 0.33	< 0.23	< 0.20	< 0.22	< 0.44	< 0.20
Chloroform	1.2	**1.4**	**0.20**	**1.6**	**0.18**	< 0.33	< 0.15
Chloromethane	94	< 2.6 J	< 1.8	< 1.6 J	< 1.7	< 3.5 J	< 1.6
cis-1,2-Dichloroethene	NL	< 0.20	< 0.14	< 0.12	< 0.13	< 0.27	< 0.12
Ethylbenzene	11	**0.34**	< 0.15	**0.34**	< 0.14	**1.4**	**0.30**
m&p-Xylenes	100	**1.1**	< 0.30	**1.1**	< 0.29	**5.2**	**1.0**
Methyl-tert-butylether	110	< 0.91	< 0.62	< 0.56	< 0.60	< 1.2	< 0.55
o-Xylene	100	**0.51**	< 0.15	**0.51**	< 0.14	**2.1**	**0.40**
Tetrachloroethene	42	**0.48**	< 0.23	**0.75**	< 0.22	< 0.46	**6.9**
Toluene	5200	**2.2**	**0.38**	**2.2**	**0.39**	**8.0**	**2.7**
trans-1,2-Dichloroethene	NL	< 1.0	< 0.68	< 0.61	< 0.66	< 1.3	< 0.60
Trichloroethene	2.1	**0.44**	**0.28**	**0.40**	**0.26**	**1.8**	**2.7**
Vinyl chloride	1.7	< 0.064	< 0.044	< 0.040	< 0.042	< 0.086	< 0.039

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded cell indicates screening level exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID56

Compound	Sub-Slab Screening Levels[1]	Sub-Slab	
		SS-56	
		08/23/2018	02/14/2019
1,1,1-Trichloroethane	173333	< 6.3	**13**
1,1,2,2-Tetrachloroethane	16	< 8.0	< 15
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 8.9	< 16
1,1,2-Trichloroethane	7	< 6.3	< 12
1,1-Dichloroethane	600	< 4.7	< 8.7
1,1-Dichloroethene	7000	< 4.6	< 8.6
1,2,4-Trichlorobenzene	70	< 34	< 64 J
1,2,4-Trimethylbenzene	2100	< 5.7	< 11
1,2-Dibromoethane	1.57	< 8.9	< 16
1,2-Dichlorobenzene	7000	< 7.0	< 13
1,2-Dichloroethane	36.67	< 4.7	< 8.7
1,2-Dichloropropane	140	< 5.4	< 10
1,2-Dichlorotetrafluoroethane	NL	< 8.1	< 15
1,3,5-Trimethylbenzene	2100	< 5.7	< 11
1,3-Butadiene	31.33	< 2.6	< 4.8
1,3-Dichlorobenzene	NL	< 7.0	< 13
1,4-Dichlorobenzene	86.67	< 7.0	< 13
1,4-Dioxane	186.67	< 17	< 31
2,2,4-Trimethylpentane	NL	< 5.4	< 10
2-Butanone (MEK)	NL	< 14	< 25
4-Ethyltoluene	NL	< 5.7	< 11
4-Methyl-2-Pentanone	103333	< 4.8	< 8.8
Acetone	1066667	**30**	< 51
Allyl chloride	33.3	< 14	< 27
Benzene	120	< 3.7	< 6.9
Benzyl Chloride	NL	< 6.0	< 11
Bromodichloromethane	25.3	< 7.8	< 14
Bromoform	867	< 12	< 22
Bromomethane	173.3	< 45	< 84
Carbon Disulfide	24333	< 14	< 27
Carbon Tetrachloride	156.7	< 7.3	< 14
CFC-11	NL	< 6.5	< 12
CFC-12	3333	< 5.7	**11**
Chlorobenzene	1733	< 5.3	< 9.9
Chlorodibromomethane	NL	< 9.9	< 18
Chloroethane	333333	< 12	< 23
Chloroform	40	< 5.7	< 10
Chloromethane	3133	< 24	< 45
cis-1,2-Dichloroethene	NL	< 4.6	< 8.6
cis-1,3-Dichloropropene	233	< 5.3	< 9.8
Cyclohexane	210000	< 4.0	< 7.4
Dichloromethane	21000	< 40	< 75
Ethanol	NL	**88**	< 16
Ethylbenzene	367	< 5.0	< 9.4
Hexachloro-1,3-butadiene	43.3	< 49	< 92 J
Hexane	24333	< 4.1	< 7.6
Isopropyl alcohol	7000	< 11	< 21
Isopropylbenzene	14000	< 5.7	< 11
m&p-Xylenes	3333	**8.1**	**10**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 19	< 35
Methyl-tert-butylether	3667	< 17	< 31
n-Heptane	14000	< 4.8	< 8.8
n-Propylbenzene	33333	< 5.7	< 11
o-Xylene	3333	< 5.0	< 9.4
Styrene (Monomer)	33333	< 4.9	< 9.2
Tetrachloroethene	1400	< 7.9	< 15
Tetrahydrofuran	70000	< 3.4	< 6.4
Toluene	173333	**7.6**	**9.1**
trans-1,2-Dichloroethene	NL	< 4.6	**190**
trans-1,3-Dichloropropene	233	< 5.3	< 9.8
Trichloroethene	70	**120**	**4600**
Vinyl chloride	56.7	< 3.0	< 5.5

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID57

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	Basement
		IA-57-F	IA-57-B
		9/7/2018	9/7/2018
1,1,1-Trichloroethane	5,200	**2.1**	**1.9**
1,1,2,2-Tetrachloroethane	0.48	<0.22	<0.31
1,1,2-Trichloroethane	0.21	<0.18	<0.24
1,1-Dichloroethane	18	<0.13	<0.18
1,1-Dichloroethene	210	<0.064	<0.088
1,2-Dibromoethane (EDB)	0.047	<0.25	<0.34
1,2-Dichloroethane	1.1	**7.2**	**7.7**
1,4-Dichlorobenzene	2.6	**9.9**	**8.4**
Benzene	3.6	**7.6**	**6.0**
Carbon Tetrachloride	4.7	**0.45**	**0.43**
Chloroethane (Ethyl Chloride)	10,000	<0.21	<0.29
Chloroform	1.2	**0.51**	**0.51**
Chloromethane	94	<1.7	<2.3
cis-1,2-Dichloroethene	NL	<0.13	<0.18
Ethyl Benzene	11	**7.4**	**5.6**
Freon 114 (Dichlorotetrafluoroethane)	NL	0.22	<0.31
Freon 12 (Dichlorodifluoromethane)	100	**1.9**	**1.9**
m,p-Xylene	100	**28**	**21**
Methyl tert-butyl ether	110	<0.58	<0.80
o-Xylene	100	**9.5**	**7.2**
Tetrachloroethene	42	<0.22	<0.30
Toluene	5,200	**44**	**35**
trans-1,2-Dichloroethene	NL	<0.64	<0.88
Trichloroethene	2.1	<0.17	<0.24
Vinyl Chloride	1.7	<0.041	<0.057

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID57

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-57
		9/7/2018
1,1,1-Trichloroethane	173,333	<6.0
1,1,2,2-Tetrachloroethane	16	<7.6
1,1,2-Trichloroethane	7	<6.0
1,1-Dichloroethane	600	<4.5
1,1-Dichloroethene	7,000	<4.4
1,2,4-Trichlorobenzene	70	<33
1,2,4-Trimethylbenzene	2,100	<5.4
1,2-Dibromoethane (EDB)	1.57	<8.5
1,2-Dichlorobenzene	7,000	<6.7
1,2-Dichloroethane	36.67	<4.5
1,2-Dichloropropane	140	<5.1
1,3,5-Trimethylbenzene	2,100	<5.4
1,3-Butadiene	31.33	<2.4
1,3-Dichlorobenzene	NL	<6.7
1,4-Dichlorobenzene	86.67	<6.7
1,4-Dioxane	186.67	<16
2,2,4-Trimethylpentane	NL	<5.2
2-Butanone (Methyl Ethyl Ketone)	173,333	<13
2-Hexanone	1,033	<18
2-Propanol (Isopropanol)	7,000	<11
3-Chloropropene (Allyl Chloride)	33.3	<14
4-Ethyltoluene	NL	<5.4
4-Methyl-2-pentanone	103,333	<4.5
Acetone	1,066,667	<26
alpha-Chlorotoluene	NL	<5.7
Benzene	120	<3.5
Bromodichloromethane	25.3	<7.4
Bromoform	867	<11
Bromomethane	173.3	<43
Carbon Disulfide	24,333	<14
Carbon Tetrachloride	156.7	<7.0
Chlorobenzene	1,733	<5.1
Chloroethane	333,333	<12
Chloroform	40	<5.4
Chloromethane	3,133	<23
cis-1,2-Dichloroethene	NL	<4.4
cis-1,3-Dichloropropene	233	<5.0
Cumene	14,000	<5.4
Cyclohexane	210,000	<3.8
Dibromochloromethane	NL	<9.4
Ethanol	NL	**33**
Ethyl Benzene	367	<4.8
Freon 11 (Trichlorofluoromethane)	NL	<6.2
Freon 113 (Trichlorotrifluoroethane)	NL	<8.5
Freon 114 (Dichlorotetrafluoroethane)	NL	<7.8
Freon 12 (Dichlorodifluoromethane)	3,333	<5.5
Heptane	14,000	<4.5
Hexachlorobutadiene	43.3	<47
Hexane	24,333	<3.9
m,p-Xylene	3,333	**7.1**
Methyl tert-butyl ether	3,667	<16
Methylene Chloride	21,000	<38
o-Xylene	3,333	<4.8
Propylbenzene	33,333	<5.4
Styrene	33,333	<4.7
Tetrachloroethene	1,400	<7.5
Tetrahydrofuran	70,000	<3.3
Toluene	173,333	**9.2**
trans-1,2-Dichloroethene	NL	<4.4
trans-1,3-Dichloropropene	233	<5.0
Trichloroethene	70	<6.0
Vinyl Chloride	56.7	<2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID58

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	Basement
		IA-58-F	IA-58-B
		9/7/2018	9/7/2018
1,1,1-Trichloroethane	5,200	<0.20	<0.20
1,1,2,2-Tetrachloroethane	0.48	<0.26	<0.25
1,1,2-Trichloroethane	0.21	<0.20	<0.20
1,1-Dichloroethane	18	<0.15	<0.15
1,1-Dichloroethene	210	<0.074	<0.073
1,2-Dibromoethane (EDB)	0.047	<0.29	<0.28
1,2-Dichloroethane	1.1	**0.41**	**0.33**
1,4-Dichlorobenzene	2.6	<0.23	<0.22
Benzene	3.6	<0.30	<0.30
Carbon Tetrachloride	4.7	**0.68**	**0.57**
Chloroethane (Ethyl Chloride)	10,000	<0.25	<0.24
Chloroform	1.2	<0.18	<0.18
Chloromethane	94	<1.9	<1.9
cis-1,2-Dichloroethene	NL	<0.15	<0.15
Ethyl Benzene	11	**0.20**	**0.27**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.26	<0.26
Freon 12 (Dichlorodifluoromethane)	100	**2.7**	**4.1**
m,p-Xylene	100	**0.63**	**0.9**
Methyl tert-butyl ether	110	<0.68	<0.67
o-Xylene	100	**0.24**	**0.40**
Tetrachloroethene	42	<0.26	<0.25
Toluene	5,200	**1.1**	**2.2**
trans-1,2-Dichloroethene	NL	<0.74	<0.73
Trichloroethene	2.1	<0.20	<0.20
Vinyl Chloride	1.7	<0.048	<0.047

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID58

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-58
		9/7/2018
1,1,1-Trichloroethane	173,333	<6.7
1,1,2,2-Tetrachloroethane	16	<8.4
1,1,2-Trichloroethane	7	<6.7
1,1-Dichloroethane	600	<5.0
1,1-Dichloroethene	7,000	<4.8
1,2,4-Trichlorobenzene	70	<36
1,2,4-Trimethylbenzene	2,100	<6.0
1,2-Dibromoethane (EDB)	1.57	<9.4
1,2-Dichlorobenzene	7,000	<7.4
1,2-Dichloroethane	36.67	<5.0
1,2-Dichloropropane	140	<5.7
1,3,5-Trimethylbenzene	2,100	<6.0
1,3-Butadiene	31.33	<2.7
1,3-Dichlorobenzene	NL	<7.4
1,4-Dichlorobenzene	86.67	<7.4
1,4-Dioxane	186.67	<18
2,2,4-Trimethylpentane	NL	<5.7
2-Butanone (Methyl Ethyl Ketone)	173,333	<14
2-Hexanone	1,033	<20
2-Propanol (Isopropanol)	7,000	<12
3-Chloropropene (Allyl Chloride)	33.3	<15
4-Ethyltoluene	NL	<6.0
4-Methyl-2-pentanone	103,333	<5.0
Acetone	1,066,667	**72**
alpha-Chlorotoluene	NL	<6.3
Benzene	120	<3.9
Bromodichloromethane	25.3	<8.2
Bromoform	867	<13
Bromomethane	173.3	<48
Carbon Disulfide	24,333	<15
Carbon Tetrachloride	156.7	<7.7
Chlorobenzene	1,733	<5.6
Chloroethane	333,333	<13
Chloroform	40	**14**
Chloromethane	3,133	<25
cis-1,2-Dichloroethene	NL	<4.8
cis-1,3-Dichloropropene	233	<5.6
Cumene	14,000	<6.0
Cyclohexane	210,000	<4.2
Dibromochloromethane	NL	<10
Ethanol	NL	**30**
Ethyl Benzene	367	<5.3
Freon 11 (Trichlorofluoromethane)	NL	<6.9
Freon 113 (Trichlorotrifluoroethane)	NL	<9.4
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.6
Freon 12 (Dichlorodifluoromethane)	3,333	**54**
Heptane	14,000	<5.0
Hexachlorobutadiene	43.3	<52
Hexane	24,333	<4.3
m,p-Xylene	3,333	**9.2**
Methyl tert-butyl ether	3,667	<18
Methylene Chloride	21,000	<42
o-Xylene	3,333	<5.3
Propylbenzene	33,333	<6.0
Styrene	33,333	<5.2
Tetrachloroethene	1,400	<8.3
Tetrahydrofuran	70,000	<3.6
Toluene	173,333	**8.5**
trans-1,2-Dichloroethene	NL	<4.8
trans-1,3-Dichloropropene	233	<5.6
Trichloroethene	70	**110**
Vinyl Chloride	56.7	<3.1

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID59

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	Basement
		IA-59-F	IA-59-B
		9/7/2018	9/7/2018
1,1,1-Trichloroethane	5,200	<0.19	<0.40
1,1,2,2-Tetrachloroethane	0.48	<0.24	<0.50
1,1,2-Trichloroethane	0.21	<0.19	<0.40
1,1-Dichloroethane	18	<0.14	<0.29
1,1-Dichloroethene	210	<0.069	<0.14
1,2-Dibromoethane (EDB)	0.047	<0.27	<0.56
1,2-Dichloroethane	1.1	**1.6**	**1.9**
1,4-Dichlorobenzene	2.6	**2.8**	**2.9**
Benzene	3.6	**0.47**	<0.58
Carbon Tetrachloride	4.7	**0.69**	**0.57**
Chloroethane (Ethyl Chloride)	10,000	<0.23	<0.48
Chloroform	1.2	**1.1**	**1.1**
Chloromethane	94	<1.8	<3.7
cis-1,2-Dichloroethene	NL	<0.14	<0.29
Ethyl Benzene	11	**0.38**	**0.40**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.24	<0.51
Freon 12 (Dichlorodifluoromethane)	100	**1.9**	**1.9**
m,p-Xylene	100	**0.99**	**1.0**
Methyl tert-butyl ether	110	<0.63	<1.3
o-Xylene	100	**0.42**	**0.43**
Tetrachloroethene	42	<0.24	<0.49
Toluene	5,200	**5.6**	**7**
trans-1,2-Dichloroethene	NL	<0.69	<1.4
Trichloroethene	2.1	<0.19	<0.39
Vinyl Chloride	1.7	<0.045	<0.092

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID59

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-59
		9/7/2018
1,1,1-Trichloroethane	173,333	<5.9
1,1,2,2-Tetrachloroethane	16	<7.4
1,1,2-Trichloroethane	7	<5.9
1,1-Dichloroethane	600	<4.4
1,1-Dichloroethene	7,000	<4.3
1,2,4-Trichlorobenzene	70	<32
1,2,4-Trimethylbenzene	2,100	<5.3
1,2-Dibromoethane (EDB)	1.57	<8.3
1,2-Dichlorobenzene	7,000	<6.5
1,2-Dichloroethane	36.67	<4.4
1,2-Dichloropropane	140	<5.0
1,3,5-Trimethylbenzene	2,100	<5.3
1,3-Butadiene	31.33	<2.4
1,3-Dichlorobenzene	NL	<6.5
1,4-Dichlorobenzene	86.67	<6.5
1,4-Dioxane	186.67	<16
2,2,4-Trimethylpentane	NL	<5.1
2-Butanone (Methyl Ethyl Ketone)	173,333	<13
2-Hexanone	1,033	<18
2-Propanol (Isopropanol)	7,000	**12**
3-Chloropropene (Allyl Chloride)	33.3	<14
4-Ethyltoluene	NL	<5.3
4-Methyl-2-pentanone	103,333	<4.4
Acetone	1,066,667	**75**
alpha-Chlorotoluene	NL	<5.6
Benzene	120	<3.5
Bromodichloromethane	25.3	<7.3
Bromoform	867	<11
Bromomethane	173.3	<42
Carbon Disulfide	24,333	<14
Carbon Tetrachloride	156.7	<6.8
Chlorobenzene	1,733	<5.0
Chloroethane	333,333	<11
Chloroform	40	<5.3
Chloromethane	3,133	<22
cis-1,2-Dichloroethene	NL	<4.3
cis-1,3-Dichloropropene	233	<4.9
Cumene	14,000	<5.3
Cyclohexane	210,000	<3.7
Dibromochloromethane	NL	<9.2
Ethanol	NL	**78**
Ethyl Benzene	367	<4.7
Freon 11 (Trichlorofluoromethane)	NL	<6.1
Freon 113 (Trichlorotrifluoroethane)	NL	<8.3
Freon 114 (Dichlorotetrafluoroethane)	NL	<7.6
Freon 12 (Dichlorodifluoromethane)	3,333	<5.4
Heptane	14,000	<4.4
Hexachlorobutadiene	43.3	<46
Hexane	24,333	<3.8
m,p-Xylene	3,333	**8.2**
Methyl tert-butyl ether	3,667	<16
Methylene Chloride	21,000	<38
o-Xylene	3,333	<4.7
Propylbenzene	33,333	<5.3
Styrene	33,333	<4.6
Tetrachloroethene	1,400	<7.4
Tetrahydrofuran	70,000	<3.2
Toluene	173,333	**7.1**
trans-1,2-Dichloroethene	NL	<4.3
trans-1,3-Dichloropropene	233	<4.9
Trichloroethene	70	<5.8
Vinyl Chloride	56.7	<2.8

Notes:

* : Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

: Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID60

Compound	IDEM Indoor Air Screening Levels	Indoor Air					
		Basement			Crawl Space	First Floor	
		IA-60-B			IA-60-CS	IA-60-F	
		09/18/2018	09/18/2018 (Duplicate)	02/14/2019	09/18/2018	09/18/2018	02/14/2019
1,1,1-Trichloroethane	5200	< 0.17	< 0.23	< 0.19	< 0.18	< 0.15	< 0.20
1,1,2,2-Tetrachloroethane	0.48	< 0.22	< 0.29	< 0.24	< 0.23	< 0.18	< 0.25
1,1,2-Trichloroethane	0.21	< 0.17	< 0.23	< 0.19	< 0.18	< 0.15	< 0.20
1,1-Dichloroethane	18	< 0.13	< 0.17	< 0.14	< 0.13	< 0.11	< 0.14
1,1-Dichloroethene	210	< 0.063	< 0.084	< 0.068	< 0.066	< 0.054	< 0.071
1,2-Dibromoethane	0.047	< 0.24	< 0.32	< 0.26	< 0.26	< 0.21	< 0.28
1,2-Dichloroethane	1.1	**0.41**	**0.42**	< 0.14	**0.29**	**0.75**	**0.38**
1,2-Dichlorotetrafluoroethane	NL	< 0.22	< 0.30	< 0.24	< 0.23	< 0.19	< 0.25
1,4-Dichlorobenzene	2.6	< 0.19	< 0.25	< 0.21	< 0.20	< 0.16	< 0.22
Benzene	3.6	**0.48**	**0.52**	**0.59**	**0.58**	**0.53**	**0.38**
Carbon Tetrachloride	4.7	**0.49**	**0.43**	**0.43**	**0.47**	**0.48**	**0.57**
CFC-12	100	**3.4**	**3.2**	**5.2**	**2.7**	**3.0**	**2.8**
Chloroethane	10000	< 0.21	< 0.28	< 0.23	< 0.22	< 0.18	< 0.24
Chloroform	1.2	**0.18**	< 0.21	**0.29**	**0.17**	**0.20**	**2.1**
Chloromethane	94	< 1.6	< 2.2	< 1.8	< 1.7	< 1.4	< 1.8
cis-1,2-Dichloroethene	NL	< 0.12	< 0.17	< 0.14	< 0.13	< 0.11	< 0.14
Ethylbenzene	11	**0.30**	**0.25**	**0.76**	**0.29**	**0.28**	< 0.16
m&p-Xylenes	100	**0.95**	**1.0**	**3.2**	**0.92**	**0.80**	**0.33**
Methyl-tert-butylether	110	< 0.57	< 0.76	< 0.62	< 0.60	< 0.49	< 0.65
o-Xylene	100	**0.47**	**0.36**	**1.2**	**0.47**	**0.38**	< 0.16
Tetrachloroethene	42	< 0.21	< 0.29	< 0.23	< 0.22	**0.22**	**0.53**
Toluene	5200	**2.0**	**1.9**	**4.0**	**2.5**	**2.4**	**0.87**
trans-1,2-Dichloroethene	NL	< 0.63	< 0.84	< 0.68	< 0.66	< 0.54	< 0.71
Trichloroethene	2.1	< 0.17	< 0.23	< 0.18	< 0.18	< 0.14	< 0.19
Vinyl chloride	1.7	< 0.040	< 0.054	< 0.044	< 0.042	< 0.034	< 0.046

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

SHADED Shaded cell indicates screening level exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID60

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-60
		9/19/2018
1,1,1-Trichloroethane	173,333	<6.4
1,1,2,2-Tetrachloroethane	16	<8.0
1,1,2-Trichloroethane	7	<6.4
1,1-Dichloroethane	600	<4.7
1,1-Dichloroethene	7,000	<4.6
1,2,4-Trichlorobenzene	70	<34
1,2,4-Trimethylbenzene	2,100	<5.7
1,2-Dibromoethane (EDB)	1.57	<9.0
1,2-Dichlorobenzene	7,000	<7.0
1,2-Dichloroethane	36.67	<4.7
1,2-Dichloropropane	140	<5.4
1,3,5-Trimethylbenzene	2,100	<5.7
1,3-Butadiene	31.33	<2.6
1,3-Dichlorobenzene	NL	<7.0
1,4-Dichlorobenzene	86.67	<7.0
1,4-Dioxane	186.67	<17
2,2,4-Trimethylpentane	NL	<5.4
2-Butanone (Methyl Ethyl Ketone)	173,333	<14
2-Hexanone	1,033	<19
2-Propanol (Isopropanol)	7,000	<11
3-Chloropropene (Allyl Chloride)	33.3	<14
4-Ethyltoluene	NL	<5.7
4-Methyl-2-pentanone	103,333	<4.8
Acetone	1,066,667	**39**
alpha-Chlorotoluene	NL	<6.0
Benzene	120	<3.7
Bromodichloromethane	25.3	<7.8
Bromoform	867	<12
Bromomethane	173.3	<45
Carbon Disulfide	24,333	<14
Carbon Tetrachloride	156.7	<7.3
Chlorobenzene	1,733	<5.4
Chloroethane	333,333	<12
Chloroform	40	<5.7
Chloromethane	3,133	<24
cis-1,2-Dichloroethene	NL	<4.6
cis-1,3-Dichloropropene	233	<5.3
Cumene	14,000	<5.7
Cyclohexane	210,000	**7.5**
Dibromochloromethane	NL	<9.9
Ethanol	NL	**9.7**
Ethyl Benzene	367	<5.0
Freon 11 (Trichlorofluoromethane)	NL	**13**
Freon 113 (Trichlorotrifluoroethane)	NL	<8.9
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.1
Freon 12 (Dichlorodifluoromethane)	3,333	<5.8
Heptane	14,000	<4.8
Hexachlorobutadiene	43.3	<50
Hexane	24,333	<4.1
m,p-Xylene	3,333	<5.0
Methyl tert-butyl ether	3,667	<17
Methylene Chloride	21,000	<40
o-Xylene	3,333	<5.0
Propylbenzene	33,333	<5.7
Styrene	33,333	<5.0
Tetrachloroethene	1,400	<7.9
Tetrahydrofuran	70,000	<3.4
Toluene	173,333	<4.4
trans-1,2-Dichloroethene	NL	<4.6
trans-1,3-Dichloropropene	233	<5.3
Trichloroethene	70	<6.3
Vinyl Chloride	56.7	<3.0

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type exceed screening levels

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID61

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	Crawl Space
		IA-61-F	IA-61-CS
		9/19/2018	9/19/2018
1,1,1-Trichloroethane	5,200	<0.21	<0.16
1,1,2,2-Tetrachloroethane	0.48	<0.26	<0.20
1,1,2-Trichloroethane	0.21	<0.21	<0.16
1,1-Dichloroethane	18	<0.16	<0.12
1,1-Dichloroethene	210	<0.076	<0.058
1,2-Dibromoethane (EDB)	0.047	<0.30	<0.22
1,2-Dichloroethane	1.1	**6.5**	**4.6**
1,4-Dichlorobenzene	2.6	<0.23	<0.18
Benzene	3.6	**1.4**	**1.1**
Carbon Tetrachloride	4.7	**0.47**	**0.50**
Chloroethane (Ethyl Chloride)	10,000	<0.25	<0.19
Chloroform	1.2	**0.37**	**0.34**
Chloromethane	94	<2.0	<1.5
cis-1,2-Dichloroethene	NL	<0.15	<0.12
Ethyl Benzene	11	**0.92**	**0.92**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.27	**0.21**
Freon 12 (Dichlorodifluoromethane)	100	**3.1**	**3.6**
m,p-Xylene	100	**2.5**	**3.1**
Methyl tert-butyl ether	110	<0.69	<0.53
o-Xylene	100	**0.94**	**1.4**
Tetrachloroethene	42	<0.26	<0.20
Toluene	5,200	**8.9**	**5.8**
trans-1,2-Dichloroethene	NL	<0.76	<0.58
Trichloroethene	2.1	<0.21	<0.16
Vinyl Chloride	1.7	<0.049	<0.038

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter
BOLD : Concentrations in **bold** type indicate detected compound
DUP : Duplicate sample
IDEM : Indiana Department of Environmental Management
NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID62

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		Basement	First Floor
		IA-62-B	IA-62-F
		10/17/2018	10/17/2018
1,1,1-Trichloroethane	5,200	<0.18	<0.37
1,1,2,2-Tetrachloroethane	0.48	<0.22	<0.46
1,1,2-Trichloroethane	0.21	<0.18	<0.37
1,1-Dichloroethane	18	<0.13	<0.27
1,1-Dichloroethene	210	<0.065	<0.13
1,2-Dibromoethane (EDB)	0.047	<0.25	<0.52
1,2-Dichloroethane	1.1	**0.34**	**1.1**
1,4-Dichlorobenzene	2.6	<0.20	<0.40
Benzene	3.6	**0.48**	<0.54
Carbon Tetrachloride	4.7	**0.54**	**0.47**
Chloroethane	10,000	<0.22	<0.44
Chloroform	1.2	**0.31**	<0.33
Chloromethane	94	<1.7	<3.5
cis-1,2-Dichloroethene	NL	<0.13	<0.27
Ethyl Benzene	11	<0.14	<0.29
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.23	<0.47
Freon 12 (Dichlorodifluoromethane)	100	**1.8**	**1.6**
m,p-Xylene	100	**0.29**	<0.58
Methyl tert-butyl ether	110	<0.59	<1.2
o-Xylene	100	<0.14	<0.29
Tetrachloroethene	42	<0.22	<0.46
Toluene	5,200	**0.78**	**1.2**
trans-1,2-Dichloroethene	NL	<0.65	<1.3
Trichloroethene	2.1	<0.18	<0.36
Vinyl Chloride	1.7	<0.042	<0.086

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID62

Compound	Sub-Slab Screening Levels †	Sub-Slab	
		SS-62	DUP-1
		10/17/2018	10/17/2018
1,1,1-Trichloroethane	173,333	<6.3	<5.9
1,1,2,2-Tetrachloroethane	16	<8.0	<7.4
1,1,2-Trichloroethane	7	<6.3	<5.9
1,1-Dichloroethane	600	<4.7	<4.4
1,1-Dichloroethene	7,000	<4.6	<4.3
1,2,4-Trichlorobenzene	70	<34	<32
1,2,4-Trimethylbenzene	2,100	<5.7	<5.3
1,2-Dibromoethane (EDB)	1.57	<8.9	<8.3
1,2-Dichlorobenzene	7,000	<7.0	<6.5
1,2-Dichloroethane	36.67	<4.7	<4.4
1,2-Dichloropropane	140	<5.4	<5.0
1,3,5-Trimethylbenzene	2,100	<5.7	<5.3
1,3-Butadiene	31.33	<2.6	<2.4
1,3-Dichlorobenzene	NL	<7.0	<6.5
1,4-Dichlorobenzene	86.67	<7.0	<6.5
1,4-Dioxane	186.67	<17	<16
2,2,4-Trimethylpentane	NL	<5.4	<5.0
2-Butanone (Methyl Ethyl Ketone)	173,333	<14	<13
2-Hexanone	1,033	<19	<18
2-Propanol (Isopropanol)	7,000	<11	<11
3-Chloropropene (Allyl Chloride)	33.3	<14	<14
4-Ethyltoluene	NL	<5.7	<5.3
4-Methyl-2-pentanone	103,333	<4.8	<4.4
Acetone	1,066,667	**39**	**35**
alpha-Chlorotoluene	NL	<6.0	<5.6
Benzene	120	<3.7	<3.4
Bromodichloromethane	25.3	<7.8	<7.2
Bromoform	867	<12	<11
Bromomethane	173.3	<45	<42
Carbon Disulfide	24,333	<14	<13
Carbon Tetrachloride	156.7	<7.3	<6.8
Chlorobenzene	1,733	<5.3	<5.0
Chloroethane	333,333	<12	<11
Chloroform	40	<5.7	<5.3
Chloromethane	3,133	<24	<22
cis-1,2-Dichloroethene	NL	<4.6	<4.3
cis-1,3-Dichloropropene	233	<5.3	<4.9
Cumene	14,000	<5.7	<5.3
Cyclohexane	210,000	<4.0	<3.7
Dibromochloromethane	NL	<9.9	<9.2
Ethanol	NL	**43**	**41**
Ethyl Benzene	367	<5.0	<4.7
Freon 11 (Trichlorofluoromethane)	NL	<6.5	<6.1
Freon 113 (Trichlorotrifluoroethane)	NL	<8.9	<8.3
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.1	<7.6
Freon 12 (Dichlorodifluoromethane)	3,333	<5.7	<5.3
Heptane	14,000	<4.8	**<4.4**
Hexachlorobutadiene	43.3	<49	<46
Hexane	24,333	<4.1	<3.8
m,p-Xylene	3,333	<5.0	<4.7
Methyl tert-butyl ether	3,667	<17	<16
Methylene Chloride	21,000	<40	<38
o-Xylene	3,333	<5.0	<4.7
Propylbenzene	33,333	<5.7	<5.3
Styrene	33,333	<4.9	<4.6
Tetrachloroethene	1,400	<7.9	<7.3
Tetrahydrofuran	70,000	<3.4	<3.2
Toluene	173,333	**4.7**	<4.1
trans-1,2-Dichloroethene	NL	<4.6	<4.3
trans-1,3-Dichloropropene	233	<5.3	<4.9
Trichloroethene	70	**12**	**12**
Vinyl Chloride	56.7	<3.0	<2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas.
Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID-63

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	
		IA-63	
		12/6/2018	
1,1,1-Trichloroethane	22,000	<0.36	
1,1,2,2-Tetrachloroethane	2.1	<0.46	
1,1,2-Trichloroethane	0.88	<0.36	
1,1-Dichloroethane	77	<0.27	
1,1-Dichloroethene	880	<0.13	
1,2-Dibromoethane (EDB)	0.2	<0.51	
1,2-Dichloroethane	4.7	<0.27	
1,4-Dichlorobenzene	11	<0.40	
Benzene	16	**0.86**	
Carbon Tetrachloride	20	**0.44**	
Chloroethane	44,000	<0.44	
Chloroform	5.3	**2.5**	
Chloromethane	390	<3.4	
cis-1,2-Dichloroethene	NL	<0.26	
Ethyl Benzene	49	<0.29	
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.46	
Freon 12 (Dichlorodifluoromethane)	440	**1.6**	
m,p-Xylene	440	**0.7**	
Methyl tert-butyl ether	180	<1.2	
o-Xylene	440	**0.35**	
Tetrachloroethene	180	**1.3**	
Toluene	22,000	**1.7**	
trans-1,2-Dichloroethene	NL	<1.3	
Trichloroethene	8.8	<0.36	
Vinyl Chloride	28	<0.085	

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for commercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID63

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-63
		12/6/2018
1,1,1-Trichloroethane	733,333	<6.1
1,1,2,2-Tetrachloroethane	70	<7.7
1,1,2-Trichloroethane	29	<6.1
1,1-Dichloroethane	2,567	<4.6
1,1-Dichloroethene	29,333	<4.5
1,2,4-Trichlorobenzene	293	<33
1,2,4-Trimethylbenzene	8,667	<5.5
1,2-Dibromoethane (EDB)	7	<8.6
1,2-Dichlorobenzene	29,333	<6.8
1,2-Dichloroethane	157	<4.6
1,2-Dichloropropane	600	<5.2
1,3,5-Trimethylbenzene	8,667	<5.5
1,3-Butadiene	31.33	<2.5
1,3-Dichlorobenzene	NL	<6.8
1,4-Dichlorobenzene	367	<6.8
1,4-Dioxane	833	<16
2,2,4-Trimethylpentane	NL	<5.2
2-Butanone (Methyl Ethyl Ketone)	733,333	<13
2-Hexanone	1,033	<18
2-Propanol (Isopropanol)	29,222	<11
3-Chloropropene	33.3	<14
4-Ethyltoluene	NL	<5.5
4-Methyl-2-pentanone	433,333	<4.6
Acetone	4,666,667	**66**
alpha-Chlorotoluene	NL	<5.8
Benzene	533	<3.6
Bromodichloromethane	110	<7.5
Bromoform	3,667	<12
Bromomethane	13,000	<44
Carbon Disulfide	103,333	<14
Carbon Tetrachloride	667	<7.1
Chlorobenzene	7,333	<5.2
Chloroethane	1,466,667	<12
Chloroform	177	<5.5
Chloromethane	13,000	<23
cis-1,2-Dichloroethene	NL	<4.5
cis-1,3-Dichloropropene	1,033	<5.1
Cumene	14,000	<5.5
Cyclohexane	866,667	<3.9
Dibromochloromethane	NL	<9.6
Ethanol	NL	**140**
Ethyl Benzene	1,633	<4.9
Freon 11 (Trichlorofluoromethane)	NL	<6.3
Freon 113 (Trichlorotrifluoroethane)	NL	<8.6
Freon 114 (Dichlorotetrafluoroethane)	NL	<7.9
Freon 12 (Dichlorodifluoromethane)	14,667	<5.6
Heptane	14,000	<4.6
Hexachlorobutadiene	187	<48
Hexane	103,333	**7.8**
m,p-Xylene	14,667	<4.9
Methyl tert-butyl ether	6,000	<16
Methylene Chloride	86,667	<39
o-Xylene	14,667	<4.9
Propylbenzene	33,333	<5.5
Styrene	146,667	<4.8
Tetrachloroethene	6,000	<7.6
Tetrahydrofuran	293,333	<3.3
Toluene	733,333	<4.2
trans-1,2-Dichloroethene	NL	<4.5
trans-1,3-Dichloropropene	1,033	<5.1
Trichloroethene	293	<6.0
Vinyl Chloride	933	<2.9

Notes:

* : Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years. Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID64

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	
		IA-64	
		12/6/2018	
1,1,1-Trichloroethane	22,000	<0.17	
1,1,2,2-Tetrachloroethane	2.1	<0.21	
1,1,2-Trichloroethane	0.88	<0.17	
1,1-Dichloroethane	77	<0.12	
1,1-Dichloroethene	880	<0.061	
1,2-Dibromoethane (EDB)	0.2	<0.24	
1,2-Dichloroethane	4.7	<0.12	
1,4-Dichlorobenzene	11	<0.18	
Benzene	16	**0.55**	
Carbon Tetrachloride	20	**0.44**	
Chloroethane	44,000	<0.20	
Chloroform	5.3	<0.15	
Chloromethane	390	<1.6	
cis-1,2-Dichloroethene	NL	<0.12	
Ethyl Benzene	49	<0.13	
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.21	
Freon 12 (Dichlorodifluoromethane)	440	**1.7**	
m,p-Xylene	440	**0.3**	
Methyl tert-butyl ether	180	<0.55	
o-Xylene	440	**0.16**	
Tetrachloroethene	180	**0.28**	
Toluene	22,000	**0.66**	
trans-1,2-Dichloroethene	NL	<0.61	
Trichloroethene	8.8	<0.16	
Vinyl Chloride	28	<0.039	

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Screening Levels for commercial indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID64

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS-64
		12/6/2018
1,1,1-Trichloroethane	733,333	<6.2
1,1,2,2-Tetrachloroethane	70	<7.8
1,1,2-Trichloroethane	29	<6.2
1,1-Dichloroethane	2,567	<4.6
1,1-Dichloroethene	29,333	<4.5
1,2,4-Trichlorobenzene	293	<34
1,2,4-Trimethylbenzene	8,667	<5.6
1,2-Dibromoethane (EDB)	7	<8.7
1,2-Dichlorobenzene	29,333	<6.8
1,2-Dichloroethane	157	<4.6
1,2-Dichloropropane	600	<5.2
1,3,5-Trimethylbenzene	8,667	<5.6
1,3-Butadiene	31.33	<2.5
1,3-Dichlorobenzene	NL	<6.8
1,4-Dichlorobenzene	367	<6.8
1,4-Dioxane	833	<16
2,2,4-Trimethylpentane	NL	<5.3
2-Butanone (Methyl Ethyl Ketone)	733,333	<13
2-Hexanone	1,033	<18
2-Propanol (Isopropanol)	29,222	<11
3-Chloropropene	33.3	<14
4-Ethyltoluene	NL	<5.6
4-Methyl-2-pentanone	433,333	<4.6
Acetone	4,666,667	**28**
alpha-Chlorotoluene	NL	<5.9
Benzene	533	<3.6
Bromodichloromethane	110	<7.6
Bromoform	3,667	<12
Bromomethane	13,000	<44
Carbon Disulfide	103,333	<14
Carbon Tetrachloride	667	<7.1
Chlorobenzene	7,333	<5.2
Chloroethane	1,466,667	<12
Chloroform	177	<5.5
Chloromethane	13,000	<23
cis-1,2-Dichloroethene	NL	<4.5
cis-1,3-Dichloropropene	1,033	<5.2
Cumene	14,000	<5.6
Cyclohexane	866,667	**4.3**
Dibromochloromethane	NL	<9.7
Ethanol	NL	**29**
Ethyl Benzene	1,633	<4.9
Freon 11 (Trichlorofluoromethane)	NL	<6.4
Freon 113 (Trichlorotrifluoroethane)	NL	<8.7
Freon 114 (Dichlorotetrafluoroethane)	NL	<7.9
Freon 12 (Dichlorodifluoromethane)	14,667	<5.6
Heptane	14,000	**7.2**
Hexachlorobutadiene	187	<48
Hexane	103,333	**11**
m,p-Xylene	14,667	<4.9
Methyl tert-butyl ether	6,000	<16
Methylene Chloride	86,667	<39
o-Xylene	14,667	<4.9
Propylbenzene	33,333	<5.6
Styrene	146,667	<4.8
Tetrachloroethene	6,000	<7.7
Tetrahydrofuran	293,333	<3.3
Toluene	733,333	<4.3
trans-1,2-Dichloroethene	NL	<4.5
trans-1,3-Dichloropropene	1,033	<5.2
Trichloroethene	293	<6.1
Vinyl Chloride	933	<2.9

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Commercial Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type exceed screening levels

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID65

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		Basement	First Floor
		IA65B	IA65F
		12/12/2018	12/12/2018
1,1,1-Trichloroethane	5,200	<0.17	<0.16
1,1,2,2-Tetrachloroethane	0.48	<0.21	<0.20
1,1,2-Trichloroethane	0.21	<0.17	<0.16
1,1-Dichloroethane	18	<0.12	<0.12
1,1-Dichloroethene	210	<0.061	<.059
1,2-Dibromoethane (EDB)	0.047	<0.24	<0.23
1,2-Dichloroethane	1.1	**0.13**	**0.12**
1,4-Dichlorobenzene	2.6	<0.18	<0.18
Benzene	3.6	**0.32**	**0.52**
Carbon Tetrachloride	4.7	**0.46**	**0.46**
Chloroethane	10,000	<0.20	<0.20
Chloroform	1.2	<0.15	<0.14
Chloromethane	94	<1.6	<1.5
cis-1,2-Dichloroethene	NL	<0.12	<0.12
Ethyl Benzene	11	**0.27**	**0.25**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.21	<0.21
Freon 12 (Dichlorodifluoromethane)	100	**2.4**	**2.3**
m,p-Xylene	100	**0.81**	**0.80**
Methyl tert-butyl ether	110	<0.61	<0.59
o-Xylene	100	**0.26**	**0.27**
Tetrachloroethene	42	<0.21	<0.20
Toluene	5,200	**0.90**	**0.86**
trans-1,2-Dichloroethene	NL	<0.61	<0.59
Trichloroethene	2.1	<0.16	<0.16
Vinyl Chloride	1.7	<0.039	<0.038

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID65

Compound	Sub-Slab Screening Levels †	Sub-Slab
		SS65
		12/12/2018
1,1,1-Trichloroethane	173,333	<6.6
1,1,2,2-Tetrachloroethane	16	<8.3
1,1,2-Trichloroethane	7	<6.6
1,1-Dichloroethane	600	<4.9
1,1-Dichloroethene	7,000	<4.8
1,2,4-Trichlorobenzene	70	<36
1,2,4-Trimethylbenzene	2,100	<5.9
1,2-Dibromoethane (EDB)	1.57	<9.3
1,2-Dichlorobenzene	7,000	<7.3
1,2-Dichloroethane	36.67	<4.9
1,2-Dichloropropane	140	<5.6
1,3,5-Trimethylbenzene	2,100	<5.9
1,3-Butadiene	31.33	<2.7
1,3-Dichlorobenzene	NL	<7.3
1,4-Dichlorobenzene	86.67	<7.3
1,4-Dioxane	186.67	<17
2,2,4-Trimethylpentane	NL	<5.6
2-Butanone (Methyl Ethyl Ketone)	173,333	<14
2-Hexanone	1,033	<20
2-Propanol (Isopropanol)	7,000	<12
3-Chloropropene	33.3	<15
4-Ethyltoluene	NL	<5.9
4-Methyl-2-pentanone	103,333	<5.0
Acetone	1,066,667	<29
alpha-Chlorotoluene	NL	<6.3
Benzene	120	<3.9
Bromodichloromethane	25.3	<8.1
Bromoform	867	<12
Bromomethane	173.3	<47
Carbon Disulfide	24,333	<15
Carbon Tetrachloride	156.7	<7.6
Chlorobenzene	1,733	<5.6
Chloroethane	333,333	<13
Chloroform	40	<5.9
Chloromethane	3,133	<25
cis-1,2-Dichloroethene	NL	<4.8
cis-1,3-Dichloropropene	233	<5.5
Cumene	14,000	<5.9
Cyclohexane	210,000	<4.2
Dibromochloromethane	NL	<10
Ethanol	NL	**53**
Ethyl Benzene	367	<5.2
Freon 11 (Trichlorofluoromethane)	NL	<6.8
Freon 113 (Trichlorotrifluoroethane)	NL	<9.3
Freon 114 (Dichlorotetrafluoroethane)	NL	<8.4
Freon 12 (Dichlorodifluoromethane)	3,333	<6.0
Heptane	14,000	<5.0
Hexachlorobutadiene	43.3	<52
Hexane	24,333	<4.3
m,p-Xylene	3,333	<5.2
Methyl tert-butyl ether	3,667	<17
Methylene Chloride	21,000	<42
o-Xylene	3,333	<5.2
Propylbenzene	33,333	<5.9
Styrene	33,333	<5.2
Tetrachloroethene	1,400	<8.2
Tetrahydrofuran	70,000	<3.6
Toluene	173,333	**5.1**
trans-1,2-Dichloroethene	NL	<4.8
trans-1,3-Dichloropropene	233	<5.5
Trichloroethene	70	<6.5
Vinyl Chloride	56.7	<3.1

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

SHADED Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID66

Compound	IDEM Indoor Air Screening Levels	Indoor Air First Floor IA-66-F 02/14/2019
1,1,1-Trichloroethane	5200	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.23
1,1,2-Trichloroethane	0.21	< 0.18
1,1-Dichloroethane	18	< 0.13
1,1-Dichloroethene	210	< 0.065
1,2-Dibromoethane	0.047	< 0.25
1,2-Dichloroethane	1.1	< 0.13
1,2-Dichlorotetrafluoroethane	NL	< 0.23
1,4-Dichlorobenzene	2.6	< 0.20
Benzene	3.6	**0.34**
Carbon Tetrachloride	4.7	**0.42**
CFC-12	100	**2.6**
Chloroethane	10000	< 0.22
Chloroform	1.2	< 0.16
Chloromethane	94	< 1.7
cis-1,2-Dichloroethene	NL	< 0.13
Ethylbenzene	11	< 0.14
m&p-Xylenes	100	< 0.29
Methyl-tert-butylether	110	< 0.59
o-Xylene	100	< 0.14
Tetrachloroethene	42	< 0.22
Toluene	5200	**0.72**
trans-1,2-Dichloroethene	NL	< 0.65
Trichloroethene	2.1	**0.19**
Vinyl chloride	1.7	< 0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID66

Compound	Sub-Slab Screening Levels[1]	Sub-Slab
		SS-66
		02/15/2019
1,1,2,2-Tetrachloroethane	16	< 9.0
1,1,2-trichloro-1,2,2-trifluoroethane	NL	< 10
1,1,2-Trichloroethane	7	< 7.1
1,1-Dichloroethane	600	< 5.3
1,1-Dichloroethene	7000	< 5.2
1,2,4-Trichlorobenzene	70	< 39 J
1,2,4-Trimethylbenzene	2100	< 6.4
1,2-Dibromoethane	1.57	< 10
1,2-Dichlorobenzene	7000	< 7.8
1,2-Dichloroethane	36.67	< 5.3
1,2-Dichloropropane	140	< 6.0
1,2-Dichlorotetrafluoroethane	NL	< 9.1
1,3,5-Trimethylbenzene	2100	< 6.4
1,3-Butadiene	31.33	< 2.9
1,3-Dichlorobenzene	NL	< 7.8
1,4-Dichlorobenzene	86.67	< 7.8
1,4-Dioxane	186.67	< 19
2,2,4-Trimethylpentane	NL	**1600**
2-Butanone (MEK)	NL	< 15
4-Ethyltoluene	NL	< 6.4
4-Methyl-2-Pentanone	103333	< 5.3
Acetone	1066667	< 31
Allyl chloride	33.3	< 16
Benzene	120	< 4.2
Benzyl Chloride	NL	< 6.8
Bromodichloromethane	25.3	< 8.7
Bromoform	867	< 13
Bromomethane	173.3	< 51
Carbon Disulfide	24333	< 16
Carbon Tetrachloride	156.7	< 8.2
CFC-11	NL	< 7.3
CFC-12	3333	< 6.4
Chlorobenzene	1733	< 6.0
Chlorodibromomethane	NL	< 11
Chloroethane	333333	< 14
Chloroform	40	< 6.4
Chloromethane	3133	< 27
cis-1,2-Dichloroethene	NL	< 5.2
cis-1,3-Dichloropropene	233	< 5.9
Cyclohexane	210000	**13**
Dichloromethane	21000	< 45
Ethanol	NL	**69**
Ethylbenzene	367	< 5.7
Hexachloro-1,3-butadiene	43.3	< 56 J
Hexane	24333	**6.4**
Isopropyl alcohol	7000	< 13
Isopropylbenzene	14000	< 6.4
m&p-Xylenes	3333	**8.6**
Methyl N-Butyl Ketone (2-Hexanone)	1033	< 21
Methyl-tert-butylether	3667	< 19
n-Heptane	14000	< 5.3
n-Propylbenzene	33333	< 6.4
o-Xylene	3333	< 5.7
Styrene (Monomer)	33333	< 5.6
Tetrachloroethene	1400	< 8.8
Tetrahydrofuran	70000	< 3.8
Toluene	173333	**11**
trans-1,2-Dichloroethene	NL	< 5.2
trans-1,3-Dichloropropene	233	< 5.9
Trichloroethene	70	< 7.0
Vinyl chloride	56.7	< 3.3

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters

† : Sub-slab screening levels are based on the default attenuation factor of 0.03.

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type exceed screening levels

SHADED : Shaded Cell Indicates Screening Level Exceedance

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for ID67

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	Basement
		IA-67-F	IA-67-B
		12/19/2018	12/19/2018
1,1,1-Trichloroethane	5,200	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.48	Not Detected	Not Detected
1,1,2-Trichloroethane	0.21	Not Detected	Not Detected
1,1-Dichloroethane	18	Not Detected	Not Detected
1,1-Dichloroethene	210	Not Detected	Not Detected
1,2-Dibromoethane (EDB)	0.047	Not Detected	Not Detected
1,2-Dichloroethane	1.1	**1.3**	**0.83**
1,4-Dichlorobenzene	2.6	Not Detected	Not Detected
Benzene	3.6	**1.7**	**1.8**
Carbon Tetrachloride	4.7	**0.54**	**0.554**
Chloroethane (Ethyl Chloride)	10,000	Not Detected	Not Detected
Chloroform	1.2	**0.93**	**0.37**
Chloromethane	94	Not Detected	Not Detected
cis-1,2-Dichloroethene	NL	Not Detected	Not Detected
Ethyl Benzene	11	**1.1**	**0.96**
Freon 114 (Dichlorotetrafluoroethane)	NL	Not Detected	Not Detected
Freon 12 (Dichlorodifluoromethane)	100	**2.3**	**2.3**
m,p-Xylene	100	**3.3**	**3.2**
Methyl tert-butyl ether	110	Not Detected	Not Detected
o-Xylene	100	**1.3**	**1.3**
Tetrachloroethene	42	Not Detected	Not Detected
Toluene	5,200	**5.7**	**4.9**
trans-1,2-Dichloroethene	NL	Not Detected	Not Detected
Trichloroethene	2.1	Not Detected	Not Detected
Vinyl Chloride	1.7	Not Detected	Not Detected

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID68

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	Crawl Space
		IA-68-F	IA-68-CS
		12/18/2018	12/18/2018
1,1,1-Trichloroethane	5,200	<0.20	<0.19
1,1,2,2-Tetrachloroethane	0.48	<0.25	<0.24
1,1,2-Trichloroethane	0.21	<0.20	<0.19
1,1-Dichloroethane	18	<0.15	<0.14
1,1-Dichloroethene	210	<0.073	<0.068
1,2-Dibromoethane (EDB)	0.047	<0.28	<0.26
1,2-Dichloroethane	1.1	**1.8**	**0.24**
1,4-Dichlorobenzene	2.6	<0.22	<0.21
Benzene	3.6	**1.0**	**1.4**
Carbon Tetrachloride	4.7	**0.91**	**0.94**
Chloroethane (Ethyl Chloride)	10,000	<0.24	<0.23
Chloroform	1.2	**0.43**	<0.17
Chloromethane	94	<1.9	<1.8
cis-1,2-Dichloroethene	NL	<0.14	<0.14
Ethyl Benzene	11	**0.59**	**0.40**
Freon 114 (Dichlorotetrafluoroethane)	NL	<0.26	**0.73**
Freon 12 (Dichlorodifluoromethane)	100	**7.6**	**7.2**
m,p-Xylene	100	**1.3**	**1.3**
Methyl tert-butyl ether	110	<0.66	<0.62
o-Xylene	100	**0.54**	**0.52**
Tetrachloroethene	42	<0.25	<0.23
Toluene	5,200	**3.0**	**6.4**
trans-1,2-Dichloroethene	NL	<0.73	<0.68
Trichloroethene	2.1	<0.20	<0.18
Vinyl Chloride	1.7	<0.047	**0.10**

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 1. Indoor Air Analytical Results for Structure ID69

Compound	IDEM Indoor Air Screening Levels	Indoor Air	
		First Floor	Basement
		IA-69-F	IA-69-B
		01/23/2019	01/23/2019
1,1,1-Trichloroethane	5200	< 0.19	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.24	< 0.23
1,1,2-Trichloroethane	0.21	< 0.19	< 0.18
1,1-Dichloroethane	18	< 0.14	< 0.13
1,1-Dichloroethene	210	< 0.068	< 0.065
1,2-Dibromoethane	0.047	< 0.26	< 0.25
1,2-Dichloroethane	1.1	**0.30**	**0.32**
1,2-Dichlorotetrafluoroethane	NL	< 0.24	< 0.23
1,4-Dichlorobenzene	2.6	< 0.21	< 0.20
Benzene	3.6	**0.55**	**0.47**
Carbon Tetrachloride	4.7	**0.60**	**0.62**
CFC-12	100	**2.1**	**2.2**
Chloroethane	10000	< 0.23	< 0.22
Chloroform	1.2	**0.67**	**0.38**
Chloromethane	94	< 1.8	< 1.7
cis-1,2-Dichloroethene	NL	< 0.14	< 0.13
Ethylbenzene	11	**0.15**	< 0.14
m&p-Xylenes	100	**0.34**	**0.34**
Methyl-tert-butylether	110	< 0.62	< 0.59
o-Xylene	100	**0.17**	**0.14**
Tetrachloroethene	42	**0.58**	**0.23**
Toluene	5200	**2.0**	**1.8**
trans-1,2-Dichloroethene	NL	< 0.68	< 0.65
Trichloroethene	2.1	< 0.18	< 0.18
Vinyl chloride	1.7	< 0.044	< 0.042

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

Table 2. Sub-Slab Analytical Results for Structure ID69

Compound	Sub-Slab Screening Levels[1]	Sub-Slab
		SS-69
		01/23/2019
1,1,2,2-Tetrachloroethane	16	< 7.5
1,1,2-trichloro-1,2,2-trifluoroetha	NL	< 8.4
1,1,2-Trichloroethane	7	< 5.9
1,1-Dichloroethane	600	< 4.4
1,1-Dichloroethene	7000	< 4.3
1,2,4-Trichlorobenzene	70	< 32
1,2,4-Trimethylbenzene	2100	< 5.4
1,2-Dibromoethane	1.57	< 8.4
1,2-Dichlorobenzene	7000	< 6.6
1,2-Dichloroethane	36.67	< 4.4
1,2-Dichloropropane	140	< 5.0
1,2-Dichlorotetrafluoroethane	NL	< 7.6
1,3,5-Trimethylbenzene	2100	< 5.4
1,3-Butadiene	31.33	< 2.4
1,3-Dichlorobenzene	NL	< 6.6
1,4-Dichlorobenzene	86.67	< 6.6
1,4-Dioxane	186.67	< 16
2,2,4-Trimethylpentane	NL	< 5.1
2-Butanone (MEK)	NL	< 13
4-Ethyltoluene	NL	< 5.4
4-Methyl-2-Pentanone	103333	< 4.5
Acetone	1066667	**39**
Allyl chloride	33.3	< 14
Benzene	120	< 3.5
Benzyl Chloride	NL	< 5.6
Bromodichloromethane	25.3	< 7.3
Bromoform	867	< 11
Bromomethane	173.3	< 42
Carbon Disulfide	24333	< 14
Carbon Tetrachloride	156.7	< 6.8
CFC-11	NL	< 6.1
CFC-12	3333	**6.0**
Chlorobenzene	1733	< 5.0
Chlorodibromomethane	NL	< 9.3
Chloroethane	333333	< 12
Chloroform	40	< 5.3
Chloromethane	3133	< 22
cis-1,2-Dichloroethene	NL	< 4.3
cis-1,3-Dichloropropene	233	< 4.9
Cyclohexane	210000	< 3.8
Dichloromethane	21000	< 38
Ethanol	NL	**160**
Ethylbenzene	367	< 4.7
Hexachloro-1,3-butadiene	43.3	< 46
Hexane	24333	< 3.8
Isopropyl alcohol	7000	< 11
Isopropylbenzene	14000	< 5.4
m&p-Xylenes	3333	**4.8**
Methyl N-Butyl Ketone (2-Hexan	1033	< 18
Methyl-tert-butylether	3667	< 16
n-Heptane	14000	< 4.5
n-Propylbenzene	33333	< 5.4
o-Xylene	3333	< 4.7
Styrene (Monomer)	33333	< 4.6
Tetrachloroethene	1400	< 7.4
Tetrahydrofuran	70000	< 3.2
Toluene	173333	**8.4**
trans-1,2-Dichloroethene	NL	< 4.3
trans-1,3-Dichloropropene	233	< 4.9
Trichloroethene	70	< 5.8
Vinyl chloride	56.7	< 2.8

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for sub-slab soil gas. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

*	: Analytical Method: Modified EPA Method TO-15 GC/MS for Sub-Slab Samples using 1-liter Summa canisters
†	: Sub-slab screening levels are based on the default attenuation factor of 0.03.
ug/m^3	: micrograms per cubic meter
BOLD	: Concentrations in **bold** type exceed screening levels
SHADED	Shaded Cell Indicates Detected Compound
IDEM	: Indiana Department of Environmental Management
NL	: No screening level established

Table 1. Indoor Air Analytical Results for Structure ID70

Compound	IDEM Indoor Air Screening Levels	Indoor Air First Floor IA-70-F
1,1,1-Trichloroethane	5200	< 0.18
1,1,2,2-Tetrachloroethane	0.48	< 0.23
1,1,2-Trichloroethane	0.21	< 0.18
1,1-Dichloroethane	18	< 0.14
1,1-Dichloroethene	210	< 0.067
1,2-Dibromoethane	0.047	< 0.26
1,2-Dichloroethane	1.1	**0.23**
1,2-Dichlorotetrafluoroethane	NL	< 0.24
1,4-Dichlorobenzene	2.6	< 0.20
Benzene	3.6	**0.46**
Carbon Tetrachloride	4.7	**0.44**
CFC-12	100	**2.5**
Chloroethane	10000	< 0.22
Chloroform	1.2	**0.41**
Chloromethane	94	< 1.7
cis-1,2-Dichloroethene	NL	< 0.13
Ethylbenzene	11	< 0.15
m&p-Xylenes	100	**0.42**
Methyl-tert-butylether	110	< 0.61
o-Xylene	100	**0.18**
Tetrachloroethene	42	< 0.23
Toluene	5200	**0.81**
trans-1,2-Dichloroethene	NL	< 0.67
Trichloroethene	2.1	< 0.18
Vinyl chloride	1.7	< 0.043

Notes:

Screening levels are IDEM 2018 Remediation Closure Guide Residential Screening Levels for residential indoor air. IDEM considers crawl space air equivalent to indoor air. Screening levels are protective for an individual exposed to the chemical for 24 hours per day for 30 years.

* : Analytical Method: Modified EPA Method TO-15 GC/MS SIM for Indoor Air and Basement Samples using 6-liter Summa canisters

ug/m^3 : micrograms per cubic meter

BOLD : Concentrations in **bold** type indicate detected compound

DUP : Duplicate sample

IDEM : Indiana Department of Environmental Management

NL : No screening level established

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