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March 23, 2021

FID # 267059320
SW LIC # 0224
Washington County

Mr. David Buser
Wisconsin Department of Natural Resources
2300 N Dr Martin Luther King Jr Dr
Milwaukee, Wisconsin 53212

Subject: 2018-2019 Biennial Groundwater Monitoring Report
Schuster Drive Landfill
City of West Bend, Wisconsin

Dear Mr. David Buser:

On behalf of the City of West Bend, please find enclosed one hard copy and one compact disc (CD) of the 2018-2019 Biennial Groundwater Monitoring Report for the Schuster Drive Landfill in the City of West Bend, Wisconsin. Should you have any questions or comments regarding this report, please do not hesitate to contact Leo Linnemanstons at (608) 828-8208.

Sincerely,

AECOM

Leo B Linnemanstons

Leo B. Linnemanstons, P.G.
Senior Project Hydrogeologist

cc: Doug Neumann, Director of Public Works, City of West Bend
Paul Grittner, Wisconsin Department of Natural Resources – Remediation and Redevelopment
James Walden, Wisconsin Department of Natural Resources – Central Office

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Submitted to:
WDNR

Submitted by:
AECOM
Milwaukee, WI
60485031
February 2021

2018-2019 Biennial Groundwater Monitoring Report

Schuster Drive Landfill,
City of West Bend, Washington County, Wisconsin

FID #267059320
SW LIC #224

2018-2019 Biennial Groundwater Monitoring Report
Schuster Drive Landfill
City of West Bend, Washington County, Wisconsin

FID #267059320
SW LIC #224

Prepared by: Robert Weseljak Gary Braun

In conformance with NR 712.09 submittal certification requirements:

"I, Leo Linnemanstons, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Approved By: Leo Linnemanstons, P.G.
Senior Project Hydrogeologist

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WI
PROFESSIONAL GEOLOGIST

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1 Introduction

This *Groundwater Monitoring Report* has been prepared by AECOM on behalf of the City of West Bend (the "City") to present the data associated with continuing operation & maintenance (O&M) activities and groundwater monitoring at the Schuster Drive Landfill (Site). A location map is included as Figure 1.

Name:	Schuster Drive Landfill
Address:	3995 Schuster Avenue West Bend, Wisconsin 53095 Facility ID#: 00224 WDNR FID#: 267059320
Location:	SE 1/4 of NW 1/4, Section 9, T11N, R19E, City of West Bend, Washington County, Wisconsin
Owner Information:	City of West Bend 251 Municipal Drive West Bend, Wisconsin 53095 Contact: Mr. Doug Neumann, Public Works Director (262) 335-5079
Consultant:	AECOM 1350 Deming Way, Suite 100 Middleton, Wisconsin 53562 Contact: Mr. Leo Linnemanstons, P.G. (608) 828-8208

The Schuster Drive Landfill encompasses approximately 40 acres located in the northwest portion of the City of West Bend. The general site borders are Schuster Drive to the north, residential properties and park land to the east, residential properties and farmland to the south, and farmland to the west. The closest major intersection is Schuster Drive and HWY B to the east. Waste disposal began at the landfill in the early 1960's. It was first licensed on March 17, 1970 but was classified as a "non-approved facility" considering is did not have a clay liner nor a leachate collection system. Approximately 800,000 cubic yards of solid waste were placed in the landfill to a maximum refuse thickness of 35 to 40 feet. Liquid wastes were accepted until October 1, 1973. The landfill closed on May 4, 1984 and site closure documentation approval was issued on March 12, 1985.

The purpose of this document is to provide a summary of the ongoing groundwater monitoring and groundwater extraction system data collection and data review efforts. This document provides a biennial summary of the data collected during calendar years 2018 and 2019. This report includes discussion of the Site's background – including geologic/hydrogeologic setting and permitting history, as well as discussions of on-going environmental monitoring. The environmental monitoring network and the results of the 2018 and 2019 groundwater quality sampling and extraction results are described. These discussions are supported by attachments of analytical data reports, figures, and summary tables.

The report is organized in the following sections:

- Section 1 – Introduction - Provides background information of the Site and a summary of the contents of this report.
- Section 2 – Groundwater Monitoring - Discusses the groundwater monitoring network and summarizes the results.
- Section 3 – Extraction System Performance - Summarizes information about construction and control settings for the groundwater extraction wells.
- Section 4 – Vapor Intrusion Assessment - Presents an initial assessment for the potential for vapor intrusion from the VOC groundwater plume beneath nearby residences.
- Section 5 – Conclusions and Recommendations - Provides recommendations for future and continued actions at the site.

1.1 Permitting Background

The original groundwater monitoring program was defined under Paragraph 5 of the Consent Order between the City and the Wisconsin Department of Natural Resources (WDNR) dated March 28, 1991 (WDNR, 1991). The Consent Order (WDNR, 1991) originally included annual groundwater monitoring and reporting for 24 monitoring wells and 9 private wells. Monitoring typically consisted of indicator parameters, volatile organic compounds (VOCs), and water levels. Gas probe monitoring was also included as part of the monitoring program. Note that gas monitoring is summarized in a separate annual report (refer to AECOM, 2018b).

WDNR (1991) also ordered a focused alternatives analysis and source control remedial action selection report for controlling contaminant migration from the landfill to groundwater. The response documents prepared by Warzyn (1991) included two phases for 1) the analysis of groundwater extraction system to evaluate well spacing, depth, and operation alternatives, and 2) installation of the groundwater monitoring network. Modifications to the groundwater monitoring program were approved on May 10, 1993 (WDNR, 1993). These modifications included the installation of monitoring wells on the south side of the Site in 1992 and 1993. The 1993 modification of the monitoring program included adding 15 new monitoring wells but removing 12 older monitoring well locations.

Further modifications to the groundwater monitoring program, including the reduction of sampling frequency, were recommended in 1994 (*1994 Annual Groundwater Monitoring Report*) and 1995 (Montgomery-Watson, 1996). The most recent revision to the groundwater monitoring program is summarized in the October 1996 Construction Documentation and Performance Monitoring Report (Montgomery Watson, 1996). The Site continues to utilize the 1996 groundwater monitoring program updates. Biennial reporting to the WDNR has occurred since 2006 (e.g., AECOM, 2015, AECOM, 2018a, etc.).

As specified in the monitoring plan (Montgomery Watson, 1996), groundwater monitoring includes annual, semi-annual, and quarterly monitoring. Annual groundwater monitoring includes collection of water levels and groundwater samples from 31 monitoring wells, 4 active extraction wells, 1 gas extraction well, and 14 private wells. Quarterly groundwater monitoring events include water level and groundwater quality monitoring from 4 monitoring wells, 4 extraction wells, 1 gas extraction well, and 2 private wells. Semi-annual events are the same as quarterly events but include two additional private wells.

1.2 Geologic and Hydrogeologic Setting

Located within the northern Kettle Moraine, the topography surrounding the landfill varies fairly from an approximate high of 1,155 feet on the north end to a low of about 1,060 ft msl near the wetlands on the south side of the landfill. The lowest elevation nearby is 1,000 ft msl in the vicinity of the MW-10 well nest on Stanford Lane (Figure 2).

Shallow subsurface materials consist of brown to light yellowish-brown undifferentiated clays, silty sands, and gravel glacial deposits of the Holy Hill Formation. Specifically, these stagnant ice deposits are sediments that have been reworked from the Horicon and New Berlin Members of the Holy Hill Formation from the Green Bay and Lake Michigan glacial ice lobes, respectively (Mickelson and Syverson, 1997). The Holy Hill Formation is typically is compact due to continued inter-lobe sedimentation and is noted for a relatively uniform basal till (Mickelson and Syverson, 1997).

The uppermost hydrostratigraphic unit (or upper glacial aquifer) consists of undifferentiated silty and sandy till deposits interbedded with lens of sand and gravel. Well compacted clay till materials underlie the upper aquifer throughout much of the landfill and produces an aquitard between the shallow/upper aquifer and the deeper sand and gravels (where present), and Silurian dolomite bedrock. The upper glacial aquifer varies from 60 to 160 feet in thickness and is generally observed to be encountered at an elevation ±1,000 feet NAVD88 (ft msl). The underlying clay till is about 80 feet thick throughout much of the Site but has been observed to be over 100 feet in thickness (at E-3) to not being present (at MW-10B) as illustrated on Figure 14. In lower topographic areas (such as the wetlands located south of the landfill), the underlying clay unit is absent and basal sands and gravels directly overlie – and are in direct hydraulic communication with – the Silurian bedrock aquifer.

The majority of monitoring wells are installed within the shallow aquifer unit and are generally screened at elevations of 1,000 to 1,020 ft msl. Many of the remaining monitoring wells are installed as piezometers that monitor the bedrock aquifer. A handful of wells are completed within the clay till aquitard unit to monitor interbedded saturated intra-till sand/gravel seams. Groundwater levels were monitored on a quarterly basis in accordance with the prescribed environmental monitoring plan summarized in Table 1 and are discussed in Section 2.2.

2 Groundwater Monitoring

2.1 Groundwater Monitoring and Sample Collection

The current groundwater monitoring program includes both monthly and annual water level monitoring, as well as variable quarterly, semi-annual, and annual groundwater quality sampling at extraction wells, monitoring wells, and private wells. Site monitoring wells and surrounding private wells are installed at the water table or at some depth below the water table (piezometers) that are completed within fill, sand and gravel, till, or bedrock. A detailed summary of the groundwater monitoring network, which includes the observation well network as well as the nine extraction wells is provided in Table 1. The location of monitoring wells, extraction wells, and private wells are shown on Figure 2.

Quarterly monitoring events are conducted yearly in March (Q1), June (Q2), September (Q3) and December (Q4). Semi-annual monitoring events are conducted in June (Q2) and December (Q4) of each year, while the annual event is conducted in June.

A total of eight groundwater monitoring events were completed in calendar years 2018 and 2019. These events are summarized as follows:

<u>2018</u>:

- 1st quarter 2018 monitoring event occurred on March 20th, 2018. Water levels were measured at 19 monitoring wells and groundwater samples were collected at 4 monitoring wells, 4 extraction wells, 1 gas extraction well, and 2 private wells.
- The 2nd quarter 2018 event was conducted on June 12, 19, 20, and 21, 2018. During this event, water levels were measured at 31 monitoring wells and groundwater samples were collected from 31 monitoring wells, 4 extraction wells,1 gas extraction well, and 13 private wells. Extraction wells EX1A, EX2, EX3, and EX6 were taken out of service due to inefficiencies in groundwater extraction. Private well PW218 was unoccupied preventing access, and therefore, was not sampled. Monitoring well MW11 was abandoned in 2018 due to a bent casing, and it currently is planned to be replaced during a future groundwater monitoring plan modification, which is anticipated to follow the completion of the on-going vapor intrusion investigation [refer to interim VI Report (AECOM, 2020)].
- The 3rd quarter 2018 event occurred on September 18 and 19, 2018. Water levels were monitored at 19 monitoring wells and groundwater samples were collected from 11 monitoring points, including: 4 monitoring wells, 4 extraction wells, 1 gas extraction well, and 2 private wells.
- The 4th quarter 2018 event took place on December 12, 2018 and included water level monitoring at 19 monitoring wells and groundwater sampling at 4 monitoring wells, 4 extraction wells, 1 gas extraction well, and 4 private wells.

<u>2019</u>:

- The 1st quarter 2019: On March 14th, 2019 water levels were measured at 18 monitoring wells and groundwater samples were collected at 4 monitoring wells, 4 extraction wells, 1 gas extraction well, and 11 private wells. A water level could not be obtained at F1 since it was covered with ice.

- The 2nd quarter 2019 event was conducted on June 4, 5, 6, and 11, 2019. During this event, water levels were measured at 31 monitoring wells and groundwater samples were collected from 31 monitoring wells, 4 extraction wells,1 gas extraction well, and 12 private wells. Private well PW218 was unoccupied preventing access, and therefore, was not sampled.
- The 3rd quarter 2019 event occurred on September 25 and 26, 2019. Water levels were monitored at 19 monitoring wells and groundwater samples were collected from 11 monitoring points, including: 4 monitoring wells, 4 extraction wells, 1 gas extraction well, and 2 private wells.
- The 4th quarter 2019 event, which took place on December 12, 2019, included water level monitoring at 19 monitoring wells and groundwater sampling at 4 monitoring wells, 4 extraction wells, 1 gas extraction well, and 4 private wells.

Deep monitoring wells (piezometers) were purged and sampled using an electric submersible pump and disposable tubing. The pump head is thoroughly washed with Alconox™ and rinsed with deionized water between sampling locations. Water table wells were purged and sampled using disposable bailers. Some of the monitoring wells, including D3 and E3, no longer allow electric submersible sampling pumps to be lowered to their screened interval because of slight bends within their PVC riser pipes. At these wells, samples are collected using a smaller diameter disposable bailer.

Based on historic monitoring data, purge water is either collected and treated, or discharged at the wellhead. Purge water from contaminated monitoring wells is collected and disposed at the landfill liftstation for the groundwater extraction system, which discharges into the City of West Bend sanitary sewer system. Purge water that has not been observed to be contaminated, is discharged at the well head where the water was generated.

2.2 Water Levels

Water levels were recorded during each quarterly sampling event, as well as monthly monitoring that was conducted at selected monitoring wells. An electric water level indicator accurate to 0.01 feet was used to measure depth to water from the top of casing in monitoring wells, and the groundwater elevations are then calculated based on the survey elevation of the top of casing referenced to mean sea level (MSL). The last twenty years (2000-2019) of monthly groundwater elevations are summarized on Table 3.

2.2.1 Water Table Elevations

Unconfined groundwater (water table) levels within the upper/shallow aquifer unit recorded in 2018 and 2019 indicate the water table varied on-site from 1,036 to 1,027 ft msl. Two water table maps were prepared using elevations measured during the annual groundwater sampling events in June 2018 and June 2019 (Figures 3A and 3B, respectively). Water table contours present the water table configuration during operation of the groundwater extraction system.

The water table elevations continue to indicate a general groundwater flow direction to the east, with northeast and southeast vectors emanating away from the landfill. Shallow groundwater flow is influenced by the presence of a topographic high on the clay till surface. The structural high is present below the southern portion of the landfill and is oriented east-west, as described in Warzyn, 1989 and 1992. Horizontal hydraulic gradients appear relatively steep just downgradient of the landfill as wetlands are located east and south of the site. The observed water table patterns appear consistent with previous biennial reports.

2.2.2 Bedrock Potentiometric Elevations

The potentiometric surface of the bedrock aquifer from water levels measured in June 2018 and June 2019 are illustrated on Figures 4A and 4B, respectively. Groundwater measured in the bedrock-series piezometers ranged between approximately 998 and 1037 ft msl in both 2018 and 2019. While limited data are available for the bedrock aquifer, data that are available indicate groundwater flow within the bedrock aquifer was generally consistent with previous monitoring events with flow mimicking the overburden to the east and southeast. Five monitoring wells are completed within the upper portion of bedrock. However, these wells vary in the length of open interval within bedrock (i.e., 5 ft to 20 ft) and vertical position/elevation of the screened interval within bedrock. Thus, some variability in groundwater elevations of the bedrock aquifer likely exists.

2.2.3 Vertical Gradients

Vertical hydraulic gradients were evaluated at seven well pairs at five well nest locations during each annual event (June 2018 and 2019) and are summarized in Table 2. Positive vertical hydraulic gradients indicate downward flow, whereas negative values indicate an upward gradient. The vertical hydraulic gradients are calculated between the water table (upper hydrostratigraphic unit) and the bedrock aquifer hydrostratigraphic unit. The results of the vertical gradient assessment are summarized as follows:

- Out of the seven well pairs, four indicate downward flows, while three pairs indicated an upward gradient.
- Downward gradients occurred at three well nests (TW15/C2, D1/D3, and E1/E3). These well pairs are located adjacent to and east of the landfill.
- A weak upward gradient (near static) was observed at well nest A-1/A-2, which located southwest of the landfill. The gradients at this nest continue to be very consistent – varying only from -0.007 ft/ft to -0.009 ft/ft over the past nine years (Table 2).
- Relatively stronger upward gradients occur between well pairs MW10S/MW10D, and to a lesser extent MW-10S/MW-10B. Both well nests are located south of the landfill and provide an indication of the groundwater discharge conditions towards the wetlands south of the MW10 well nest.
- While there is a downward gradient observed between piezometer MW-10D and bedrock well MW10B, both wells have piezometric levels

The vertical gradients evaluated for 2018 and 2019 were consistent with historical vertical gradients of these well pairs (Table 2).

2.2.4 Horizontal Gradients

Horizontal hydraulic gradients (Table 2) were evaluated at three flow paths for the shallow glacial and bedrock aquifers using groundwater levels from June 20, 2019 as depicted on Figure 3B and 4B, respectively. Horizontal hydraulic gradient (i_h) was calculated as follows:

$$i_h = \Delta h_h / \Delta l_h$$

Where,

Δh_h = Difference in water elevation along flowlines depicted on Figures 3B and 4B, and

Δl_h = Length (distance) between contours.

The horizontal hydraulic gradients in the shallow aquifer ranged from 0.007 to 0.044 ft/ft. These diverse gradients indicate the variability of flow within the shallow aquifer and the hydraulic control of the clay till unit that underlies it. The highest horizontal gradient was observed across flow line C, which depicts flow between the wetlands and the MW-10 well nest south of the landfill. Predictably, the bedrock aquifer observed a narrower range of gradients (from 0.011 to 0.019 ft/ft), which reflect the more-consistent hydrogeological network within bedrock compared to the overburden conditions.

2.2.5 Performance Water Levels

The performance of the groundwater extraction system is also evaluated using water levels that are monitored on a monthly basis from select monitoring wells as summarized on Table 3. The monitoring wells are in close proximity to the groundwater extraction wells, and therefore provide information on local groundwater flow patterns. The monthly groundwater levels provide an indication of the effectiveness of the groundwater extraction system to control the local gradient. The water level data from some of these monitoring wells are presented on two hydrographs, which were grouped geographically as follows:

- Figure 5 – monitoring wells located near extraction wells EX08 on the east side of the landfill (includes MW-1, MW-2, MW-3, MW-7, TW-10R, TW-11, and TW-15)
- Figure 6 – monitoring wells located near extraction wells EX04 and EX05 on the south side of the landfill (includes MW-4, MW-7, MW-8, TW-6, TW-11, and F-1)

The hydrographs have historically indicated a subdued seasonal fluctuation in the water table with higher water levels occurring during summer months, while lower water levels occur during winter months.

2.3 Groundwater Monitoring Results

Groundwater samples were analyzed for volatile organic compounds (VOCs, Method 8260) by Pace Analytical Services in Green Bay, Wisconsin. Laboratory analytical reports for the annual and quarterly events are presented in Appendix A. A historical VOC table is also provided in Appendix A. The detected analytical results for all events in 2018 and 2019 are presented on Tables 4A and 4B, respectively. Analytical results tables include the results for monitoring wells and private wells. Groundwater quality results at extraction wells are discussed in Section 3. Owners and addresses for private wells that were sampled in 2018 and/or 2019 are summarized in Table 5. Information on whether residence is supplied by municipal water or private well is also provided on Table 5.

Groundwater monitoring results for 2018 and 2019 were compared to concentrations listed Chapter NR 140, Wisconsin Administrative Code (WAC) groundwater quality enforcement standards (ESs) and preventive action limits (PALs) for VOCs.

The three primary constituents of concern (COCs), including cis-1,2-dichloroethylene, trichloroethylene (TCE), and vinyl chloride (VC), exceeded ES values at numerous monitoring wells during monitoring events in both 2018 and 2019. An additional VOC (bromodichloromethane) was also observed to exceed ES values at three wells (PW-8 new, PW-20 and PW-260) during groundwater sampling events conducted in 2018 and 2019. Chloroform slightly exceeded the ES of 6.0 ug/L at PW-20 (6.7 ug/L) in 2018 but was only detected in one well (TW-113) in 2019 with an estimated concentration of 1.7J ug/L. The bromodichloromethane and chloroform detections observed above their respective ES or PAL concentrations during the 2018 or 2019 monitoring events for private wells PW20, PW260, and PW8 (new) are believed to indicate that the water samples were inadvertently collected from the municipal supply and not from the private well at each location. Bromodichloromethane, chloroform, and commonly bromoform, are trihalomethanes (THMs) that form

as disinfection by-products commonly produced during the chlorination of water and wastewater. None of the private wells with confirmed NR140 exceedances are being used for potable water supply. Thus, the exceedances of bromodichloromethane and chloroform are not believed to be attributable to the landfill.

An additional five VOC constituents were detected at concentrations above the PAL, but below the ES. These VOCs included: 1,1-dichloroethane, benzene, chloroethane, tetrachloroethene, and tetrahydrofuran.

Historical data on the concentrations and occurrences of COCs (TCE, cis-DCE, and VC) and total VOCs in groundwater since 1992 are summarized in Table 6. Based on these results, a qualitative review of the concentrations at each location can be quickly conducted to assess apparent trends (i.e., falling, steady, rising), within the data where evident. Apparent trends are provided for total VOCs on Table 6. Overall, the general trend of total VOCs at the landfill is steady or decreasing. Significant decreases in source concentrations are apparent in the historical data especially in the vicinity of the landfill. At locations further downgradient where VOC concentrations are generally lower, trends tend to be steady but occasionally are observed to have brief spikes of slight concentration increases that are likely related to sample variability.

Isoconcentration maps of the COCs, including PCE, TCE, Cis-DCE, and VC were developed from the water quality data collected in 2018 and 2019 to provide an illustration of the fate and transport of the VOC plume in the glacial and bedrock aquifers.

- The 2018 glacial and bedrock aquifer isoconcentration maps of PCE, TCE, cis-DCE, and VC are provided on Figures 7 through 13, respectively. The 2018 isoconcentration maps are generally consistent with the historic plume maps that are based on the existing groundwater monitoring network.
- The 2019 glacial and bedrock aquifer isoconcentration maps of PCE, TCE, cis-DCE, and VC are provided on Figures 15 through 21, respectively. The 2019 isoconcentration maps were developed including additional information from temporary well investigations conducted as part of the activities described in the *Work Plan for Vapor Intrusion and Expanded Groundwater Investigation* (AECOM, 2019a).

2.3.1 2018 Groundwater Plume Analysis

Similar to previous annual monitoring events, higher concentrations of VOCs were detected in wells screened in the glacial aquifer located near the landfill. Subsequent decreases in concentrations were observed with increasing distance from the landfill. As described in previous reports for the Site (e.g., AECOM, 2018 and AECOM, 2016), VOC contamination in groundwater migrates in two directions from the landfill in the glacial aquifer. The direction of contaminant migration and the vertical and horizontal distribution of contamination are controlled by the presence or absence of the clay till layer that underlies the upper sand and gravel glacial aquifer. Specifically, the presence of the structural high of clay below the southeastern corner of the landfill results in a bifurcation of groundwater flow. Migration along groundwater flow paths results in VOC contamination within the “eastern” and “southern” contaminant plumes. A more complete discussion of the structural high of the clay till unit and its effect on contaminant migration is discussed in Warzyn (*Phase I Remedial Investigation Report*,1989) and Warzyn (*Interim Status Report*,1992).

The “eastern” and “southern” contaminate plumes are illustrated on the isoconcentration maps from the groundwater quality results from 2018. The TCE and cis-DCE plumes respectively illustrated on Figures 8 and 9 show migration toward the northeast and south. The interpreted PCE plume (Figure 7) only appears to occur on the northern end of the landfill and migrates in the “eastern” contaminant

plume that flows to the northeast. Although TCE is present along with cis-DCE and is found migrating away from the landfill, VC is generally only found at low concentrations in the immediate vicinity of the landfill.

The hydrogeologic cross-section A-A' positioned along the east side of the landfill (Figure 14) shows key VOC concentrations at monitoring wells on the downgradient side of the landfill. This cross-section also generally follows the centerline of plume that extends to the south. Based on the distribution of VOC concentrations and the glacial stratigraphy, VOCs have percolated downward to the base of the upper sand and gravel (glacial aquifer) and then flow laterally northeast and south along the top of the clay till. Where the clay till is absent beneath the landfill, downward gradients have allowed VOC impacts to migrate into the bedrock aquifer. Downgradient from the landfill, upward vertical gradients are found as groundwater discharges to the surrounding wetlands east and south of the landfill.

The VOC plume is found at the top of the clay till on the south side of the landfill based on the high VOC concentrations observed from extraction wells EX04 and EX05. Nearby monitoring wells (MW05, MW04, and F1) located just downgradient of the two extraction wells by contrast, typically have VOC concentrations just above or below detection levels. Further downgradient from the landfill at monitoring wells MW08, the VOC concentrations at the water table continue to be less than detection levels. Further downgradient, the vertical gradient changes to an upward gradient as groundwater discharges to the wetlands. Upward gradients have consistently been observed at monitoring well nest MW10 that correlate with VOC detections in the glacial aquifer.

Monitoring well nest MW10 is located approximately 1,200 ft downgradient south of the landfill and is comprised of a water table well (MW10S), an intermediate piezometer (MW10D), and a bedrock piezometer (MW10B). The potentiometric head is highest in the intermediate piezometer (MW10D), which is often observed to be artesian (i.e., water level above ground level) with the highest observed VOC concentrations of the three monitoring wells in the nest. Since MW10D is screened much deeper in the glacial aquifer, it is evident that VOCs have migrated along the base of the upper glacial unit and are brought to shallower elevations by upwelling groundwater. The upwelling is also ascertained from the VOC concentrations at or less than detection levels at the water table downgradient from the landfill but observed at higher concentrations at MW10S. The southern plume conditions between the landfill and the MW10 nest are illustrated by the isoconcentration maps for TCE (Figure 8) and cis-DCE (Figure 9). The higher concentrations (PAL or ES exceedances) are observed at the landfill near EX04 and EX05 and then again at the discharge location at the wetlands near the MW10 nest. In between, the plume is not detected or at very low concentrations at the water table in monitoring wells (MW05, MW06, and MW08).

Because PCE was not detected in any of the bedrock wells, this map was omitted. Note that the detections of bromodichloromethane, bromoform, and chloroform in the 2018 monitoring event for private wells PW20, PW260, and PW8 (new) indicate that the water samples were inadvertently collected from the municipal supply and not from the private well. To account for this on the isoconcentration maps, the most-recent "groundwater" data for these private well points were used instead of the samples erroneous collected from the municipal sourced water. Similar to the plumes in the glacial aquifer, the TCE and cis-DCE plumes in the bedrock aquifer also are found migrating east and south of the landfill. VOC concentrations are generally lower in bedrock wells than in the glacial aquifer. The plume originated at the landfill from downward percolating leachate which seeped into the bedrock aquifer at locations where the clay till layer was very thin or absent. The only VC detections in bedrock are found at the distal end of the eastern contaminant plume at PW-8 new (1.2 ug/L) and PW-20 (1.4 ug/L). 2019 Groundwater Plume Analysis

2.3.2 2019 Groundwater Plume Analysis

Concurrent to the ongoing vapor intrusion assessment described in Section 4, an expanded groundwater investigation was conducted and was used to supplement the 2019 groundwater monitoring Three phases of temporary well investigations were conducted downgradient of the landfill across the adjacent subdivision, which are described as follows:

- January/February 2019 – South Plume Investigation: Nine temporary wells (TW101 to TW109) were installed between the landfill and the downgradient wetland, in the vicinity of the MW10 monitoring well nest. The temporary wells were intended to assess the nature and extent of the VOC plume migrating from the landfill. Results from two rounds of water samples confirmed the western boundary of the VOC plume but also indicated that the plume was present farther to the east than previously established.
- June/July 2019 – Southeastern Corner Investigation: Nine temporary wells (TW110 to TW118) were installed in the south/southeastern corner of the subdivision, downgradient of the landfill. Because the South Plume Investigation had identified that the VOC plume was present farther to the east, additional temporary wells were installed to investigate eastward, across the southern extent of the subdivision. Results of two rounds of water samples indicated that the VOC plume was present along the southern extent of the subdivision adjacent to the wetlands that form the southern and eastern boundaries of the subdivision.
- October 2019/Spring 2020 (pending) – Eastern Plume Investigation: Ten temporary wells (TW119 to TW128) were installed along the eastern subdivision boundary to evaluate the VOC plume. Groundwater samples will be collected in the spring of 2020.

The results of these investigations were submitted to the WDNR through Technical Memorandums dated September 2019 (AECOM, 2019b) and March 12, 2020 (AECOM, 2020). The available groundwater results from these temporary well investigations were combined with the groundwater monitoring data from the 2019 annual landfill monitoring event conducted in June 2019. Using the combined data, isoconcentration maps were prepared for the four COCs (PCE, TCE, 1,2-DCE, and VC) in the shallow glacial aquifer and the deep bedrock aquifer.

In the shallow glacial aquifer, the highest concentrations of COCs are present in the northeast corner of the landfill, in the immediate vicinity of extraction well (EX07). The distribution of COCs across the landfill and immediately downgradient from the landfill boundary is spatially variable and may indicate original areas of COC releases and subsequent degradation. PCE appears to be limited to monitoring points across the north end of the landfill and is present at relatively-low concentrations (less than the ES, 5.0 ug/L). Similarly, VC is detected primarily in the north portion of the landfill and does not appear to be widespread beyond the footprint of the landfill. Isoconcentrations for both TCE and 1,2-DCE appear to have similar distributions, with their plumes originating at the landfill and diminishing near the landfill boundary (approximately coinciding with the location of the perimeter groundwater extraction wells), and remerging farther downgradient, near the surrounding wetlands.

In the deep bedrock aquifer, the isoconcentration maps for the three COCs (TCE, 1,2-DCE, and VC; PCE is not detected in the bedrock wells so no figure is included) correlate with the groundwater flow direction to the south and east. The three COCs are not generally present in the immediate vicinity of the landfill, but are present at low concentrations downgradient from the landfill. This likely indicates a broad, low-concentration residual VOC plume that is slowly attenuating beyond the landfill, largely beneath the surrounding wetlands.

Given these observations and the present understanding of the site hydrogeology, the groundwater plume originates at the landfill, where the plume migrates vertically downward and horizontally

southward and eastward. The downward vertical migration may be limited in areas by the silty-clay till unit that underlies the sand and gravel of the shallow glacial aquifer. In addition, groundwater extraction in the shallow glacial aquifer at the north and south ends of the landfill influences plume migration by asserting control on the hydraulic gradient at the perimeter of the landfill. The downward vertical gradients and shallow groundwater extraction mitigate VOC concentrations in the shallow groundwater plume downgradient from the landfill; however, VOCs are likely migrating below the capture zone of the extraction wells, along the top of the silty-clay till unit.

Once horizontal groundwater flow reaches the local topographic low, vertical hydraulic gradients become upward, and groundwater discharges to the wetlands present along the south and east sides of the subdivision. The upward vertical gradients cause the deeper portion of the plume, with the higher VOC concentrations, to migrate upward toward the water table adjacent to the wetlands. Once the plume reaches the wetlands, natural processes appear to attenuate the plume to concentrations below detection limits. The sorptive capacity of peat and organic-rich soils typically found in wetlands generally retard the migration of VOCs in groundwater. Also, the anaerobic environment typically associated with wetlands is conducive to biologically-mediated and abiotic degradation of chlorinated VOCs.

3 Extraction System Performance Monitoring

The groundwater extraction system has been in operation since the mid-1990's and is designed to be a gradient control system to limit further migration of the eastern and southern contaminant plumes. As originally set up, extraction wells EX01, EX02, and EX03 were installed outside the northeastern corner of the Site to limit migration of the eastern contaminant plume. Extractions wells EX04, EX05, and EX06 were installed south of the landfill to limit further migration of contaminant plume to the south. Extraction well EX07 was later installed on the northwestern corner of the landfill to provide additional VOC mass removal from a location that was assessed to be closer to the VOC sources within the landfill. Subsequently, EX03 and EX06 were removed from service due to low well capacities attributed to thin permeable zones and poor hydraulic connection, respectively. In addition, extraction well EX08 was installed to replace EX02 due to inconsistent performance and high maintenance. The pump equipment was removed from EX02, EX03 and EX06 and repurposed, but the wells themselves were not abandoned and have continued to be periodically monitored. Information about construction and control settings for the groundwater extraction wells (EX01 to EX08) is summarized on Table 7.

System performance monitoring conducted in 2018 and 2019 included measurement of groundwater levels to assess drawdown at the extraction wells and surrounding monitoring wells. Performance monitoring also included quarterly VOC sampling of the extraction wells and nearby monitoring wells to assess the effectiveness of the system.

The performance of the eastern pumping well (EX08) is demonstrated through evaluation of the groundwater levels through the flow path-line from upgradient well TW11 through downgradient well TW15. During the June 2019 monitoring event, groundwater elevations dropped from 1041.70 ft MSL at TW11 to 1029.36 ft MSL at TW15. Since monitoring wells MW-1, MW-2, and MW-3 are located on the downgradient side of the landfill but upgradient from TW15, their groundwater levels would be expected to be slightly higher – in the range of 1030 ft MSL. This is roughly the groundwater head in the southeastern corner of the landfill. However, as illustrated on Figure 4B, the groundwater levels at monitoring wells MW-1, MW-2, and MW-3 are slightly higher than 1027 ft MSL. Therefore, the groundwater level in this area is about three feet lower than what would be anticipated if groundwater dewatering was not occurring. In fact, groundwater levels at these wells MW-1, MW-2, and MW-3 are consistently two feet less than the groundwater levels at downgradient well TW15 as illustrated in Figure 5.

Well TW-7, which is located approximately 600 feet south of MW-3, is also consistently observed to have groundwater elevations less than downgradient well TW15. However, groundwater levels at TW-7 appear to be slightly more variable than other monitoring wells (Figure 5). This is believed to indicate this location is close to the edge of the cone of depression from the dewatering occurring at extraction well EX08. The effectiveness of the groundwater controls at the landfill can be observed in the total VOC concentrations at well TW-7 (Table 6). In the 1990's total VOC concentrations at TW-7 varied between 50 and 100 ug/L. However, over the past 15 years, total VOC concentrations are typically observed to be less than 5 ug/L with frequent concentrations that are less than 1.0 ug/L.

On the south side of the landfill, the depression on the water table is much more apparent than on the east side as illustrated on the 2018 and 2019 water table maps depicted on Figures 4A and 4B, respectively. Extraction wells EX04 and EX05 produce a cone of depression that is nearly equivalent as the width of the landfill and is an effective hydraulic control. The structural high of the clay till is located between the cones of depression of the eastern and southern extraction areas.

3.1 Extraction Volumes

The combined volume of water pumped by the east and south side extraction wells is measured with a flow meter as it enters the lift station. Another flow meter measures the effluent that is pumped to the sanitary sewer. Condensate from the landfill gas system is also pumped through the lift station and recorded by an effluent flow meter. As noted above, extraction wells EX01, EX02, EX03, and EX06 are no longer in operation due to inefficiencies in extracting VOCs from groundwater. The downgradient extraction rates are very similar for the eastern extraction well (EX08) and the combined southern extraction wells (EX04 and EX05) as summarized below:

Extracted Groundwater (gals.)	**2018**	**2019**
EX04	2,017,000	3,981,400
EX05	3,384,800	4,761,300
Total (EX04 & EX05):	5,401,800	8,742,700
EX08	6,392,200	8,101,900
Combined Extraction Vol. (EX04, EX05, & EX08):	11,794,000	16,844,600

The most effective well from a volumetric/extraction rate prospective is EX07. Extraction well EX07 is located in the northwestern portion of the landfill and withdrew 8,808,300 gallons in 2018 and 12,031,900 gallons in 2019, as summarized on Table 8. While these volumes were less than the combined volumes extracted from EX04, EX05, and EX08, extraction well EX07 is more efficient because of the amount of VOC mass removed from groundwater.

3.2 Mass Removal

Using the total volume of groundwater pumped from extraction wells EX04, EX05, EX07 and EX08, and an average concentration of total VOCs, an estimated total mass removed was calculated for 2018 and 2019. As summarized on Table 8, approximately 463.7 pounds of mass were removed from groundwater during 2018 (252.4 pounds) and 2019 (211.3 pounds). Extraction well EX07 was the most effective at removing VOCs from groundwater, since it accounted for approximately 94% of the mass removed over the past two years – approximately 92% in 2018 and 95% in 2019. While similar volumes of groundwater are removed from the eastern and southern extraction areas, the southern extraction wells only yielded 3.8 pounds of VOC mass removed over the past two years. This accounts for less than 1% of the total mass removed in 2018 and 2019. By comparison, EX08 on the northeast side of the landfill removed 23.1 pounds in 2018 and 2019, which accounted for about 5% of the total mass removed. Thus, continued operation of EX07 is important for efficient VOC mass removal. Because of the low mass removal potential, extraction wells EX04, EX05 and EX08 primarily function as gradient control measures to reduce outward groundwater flow to the eastern and southern plumes.

3.3 Water Quality Monitoring

Quarterly groundwater samples are collected from the four operating extraction wells (EX04, EX05, EX07, EX08) and select monitoring wells (TW15 and the MW10 well nest) to provide data to assess the effectiveness of the groundwater extraction system.

The monitoring wells have been selected based on their locations at the distal ends of the eastern (TW15) and southern (MW-10 nest) contaminant plumes. The VOC concentrations at these locations provide an indication of the groundwater extraction system's performance for controlling migration in

the shallow aquifer. Results for key VOC constituents (TCE, cis-DCE, and VC) are summarized on Table 9 for the past several years. These concentrations are graphed by AECOM personnel to evaluate ongoing trends and reviewed on a quarterly basis (Appendix B). Trends of VOC concentrations are also plotted and reviewed for the active extraction wells.

The concentrations and trends of the extraction well VOC data are assessed qualitatively to evaluate mass removal rates and the VOC composition at the landfill. As mentioned above, extraction well EX07 is the most effective at mass removal since high volumes of groundwater can be removed that have the highest total VOC concentrations (Table 8). The extracted groundwater from EX07 consists mostly of cis-DCE and vinyl chloride, which have averaged 1,470 ug/L and 734 ug/L in 2018 and 2019, respectively. Extraction wells EX04, EX05 and EX08 have more moderate VOC concentrations (<15 ug/L) that consist mostly of TCE and cis-DCE.

For monitoring well TW15 and the MW10 well nest, concentrations and trends were similarly assessed to determine the plume status (steady or decreasing) and the VOC composition at the distal ends of the plume. For the three key VOC parameters, monitoring well TW15 appears to have generally steady and low concentrations (less than the ES) for TCE and cis-DCE. Vinyl chloride was not detected in TW15. Additional confirmation of the delineation of the eastern plume is the water quality results collected at well D-1. During the monitoring events of 2018 and 2019, no ES exceedances were observed. Rather, only low levels of PCE and TCE averaging 1.4 ug/L and 3.6 ug/L were observed. These detections of PCE and TCE exceeded the PAL concentration of 0.5 ug/L but did not exceed the ES concentration of 5 ug/L, which are applicable for both constituents.

Monitoring well nest MW10 is located approximately 1,200 ft downgradient south of the landfill and is comprised of a water table well (MW10S), an intermediate piezometer (MW10D), and a bedrock piezometer (MW10B). The potentiometric head is highest in the intermediate piezometer (MW10D), which is often observed to be artesian (i.e., water level above ground surface). VOC concentrations at MW10D are generally the highest of the three monitoring wells in the nest. Concentrations of cis-1,2-DCE and TCE at MW10D averaged 85 ug/L and 78 ug/L in 2018 and 2019, respectively. MW-10D is screened at the base of the upper sand and gravel glacial unit – about 60 feet below the water table. The presence of the high VOC concentrations at MW10D provides evidence that VOCs have migrated along the base of the upper glacial unit. These VOCs are then brought to shallower elevations by upwelling groundwater as indicated by the upward gradient between MW10D and the water table well MW10S.

The southern plume conditions between the landfill and the MW10 nest are illustrated by the isoconcentration maps for TCE (Figure 16) and cis-DCE (Figure 18). The higher concentrations (PAL or ES exceedances) are observed at the landfill near EX04 and EX05 but are not observed downgradient again until the discharge area at the wetlands near the MW10 nest. In between, the plume is not detected or at very low concentrations at the water table in monitoring wells (MW05, MW06, and MW08).

4 Vapor Intrusion Assessment

Based on the initial vapor intrusion screening performed during the previous reporting period, further investigations have been undertaken during this reporting period to further understand the potential for vapor intrusion downgradient of the landfill in the vicinity of residential buildings. A temporary well groundwater investigation in 2019 indicated the presence of the groundwater plume in a broader area beneath the Villa Park subdivision and confirmed the need for further vapor intrusion testing.

The *Work Plan for Vapor Intrusion and Expanded Groundwater Investigation* (AECOM, 2019a) proposed VI investigations at two single-family residences and four duplexes. Expanded residential VI tests were performed in August 2019. The residential VI testing results indicated exceedances of the Vapor Action Levels (VAL) for indoor air samples and the Vapor Risk Screening Levels (VRSL) for sub-slab vapor samples support vapor intrusion is occurring but not a risk across the entire study area. The results of these investigations were submitted to the WDNR in a Technical Memorandum, dated September 2019 (AECOM, 2019b).

In October 2019, the City began a public-information campaign for the property owners and residents in the Villa Park Neighborhood to provide an update on the landfill monitoring and the ongoing VI testing. The City also conducted a public-information meeting on October 16, 2019 that was attended by approximately 200 residents and supported by WDNR and WDHS.

The WDNR provided guidance on expanding the VI investigation and the specific prioritization for the ongoing VI testing in a letter to the City, dated October 31, 2019. In response, the City scheduled a meeting on November 6, 2019 with the WDNR to discuss the acceleration of the expanded VI testing. During the November 6th meeting, the framework for the approach and schedule were developed. A follow-up conference call with the City and WDNR was conducted on November 15, 2019 to discuss the following specific details for the VI testing, which were documented in an email to the WDNR on November 21, 2019. The details of VI testing are summarized in AECOM (2020).

In November and December 2019, the City compiled inventory of residential properties in the subdivision including designating each single-family and multi-unit residential housing with a Field Identification Number (FID). The FIDs were used by the City to help maintain control of personally identifiable information while providing a means to coordinate testing and communicate results with WDNR and Wisconsin Department of Health Services (WDHS). A total of 400 FIDs were designated for the Villa Park neighborhood. The City identified 197 FIDs as having sensitive demographic receptors for whom access-request letters were sent to.

When access agreements were received, the City scheduled and conducted VI testing, beginning in late November and early December 2019. Over the next two months (December 2019 and January 2020) two sampling teams were deployed to conduct VI testing across the subdivision with priority given to FID locations identified as having a sensitive demographic receptor. The VI testing consisted of collecting sub-slab, indoor air, and sump water samples following the methods and procedures described in the approved the Work Plan (AECOM, 2019a).

5 Conclusions and Recommendations

5.1 Conclusions

Based on the analysis of the data collected during the groundwater monitoring, the following conclusions have been drawn:

In general, total VOC concentrations in monitoring wells in the glacial and bedrock aquifers are steady or decreasing. The VOC plume in the glacial aquifer (sand and gravel) is bifurcated by a clay till unit that rises southeast of the landfill creating eastern and southern groundwater contaminant plumes. The two plumes are characterized by low to moderate concentrations of TCE and cis-DCE. PCE is only found on the northern half of the landfill and in the eastern contaminant plume, and vinyl chloride mostly occurs only beneath the footprint of the landfill. The limits of both plumes are believed to occur in the local groundwater discharge areas (wetlands) to the east and south of the Site. The groundwater extraction system continued to remove VOC mass and control hydraulic gradients in 2018 and 2019.

Groundwater flow directions to the south and east in the glacial and bedrock aquifers are similar to the previous years. VOC concentrations in the eastern and southern contaminant plumes remained steady. While mass of VOCs disposed at the landfill is not known, extraction well EX-7 is located in a suspected area of concentrated VOCs and was a likely source area. Thus, source removal is likely being accomplished, which may reduce the overall time frame required to remediate the Site. The extraction system still requires an indefinite length of operation before VOC concentrations decrease below Chapter NR 140 groundwater standards at the site.

5.2 Recommendations

Based on the continued presence of the groundwater VOC plume and the related vapor intrusion issues at the downgradient Villa Park Neighborhood, continued operation and maintenance of the groundwater extraction system is recommended to allow for continued mass removal and gradient control.

Based on the substantial historic monitoring record and overall steady to decreasing trends in VOC concentrations at many on-site monitoring wells, revisions to the Groundwater Monitoring Plan are recommended to remove unnecessary or redundant monitoring locations. In addition, a plan modification will be able to formally include permanent monitoring wells that are planned as part of the expanded groundwater investigation for the vapor intrusion assessment. The plan modification should also address abandonment or replacement of existing monitoring wells that may also be reaching the end of their useful life or could be better positioned for ongoing monitoring needs. Therefore, the City anticipates a proposed plan modification will be prepared to present an analysis and justification for recommended changes to the number, location, frequency, and parameter lists in the Groundwater Monitoring Plan.

6 References

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AECOM, 2019b. Technical Memo of Results of Vapor Intrusion and Groundwater Monitoring Investigation for the Schuster Drive Landfill, prepared on behalf of the City of West Bend dated September 2019.

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Tables

TABLE 1
Groundwater Monitoring Program
2018-2019 Biennial Groundwater Monitoring Report
Schuster Drive Landfill
West Bend, Wisconsin

Assigned Well No.	WDNR Well No.	Well Owner	Year Const.	Depth	Geologic Unit	Type of Well	Groundwater Monitoring Frequency Requirements				
							Water Level Monitoring		VOC Sampling		
							Quarterly	Annual	Quarterly	Semi-Annual	Annual
Extraction Wells											
EX01A	525	City of West Bend	1991	162	S&G	ext					X
EX02	526	"	1992	156	S&G	ext					X
EX03	527	"	1992	111	S&G/Clay	ext					X
EX04	528	"	1992	66	S&G	ext			X	X	X
EX05	529	"	1992	69	S&G	ext			X	X	X
EX06	530	"	1992	58	S&G/Clay	ext					X
EX07	531	"	1997	140	S&G	ext			X	X	X
EX08	534	"	2000	153	S&G	ext			X	X	X
GEW26	--	"	1997	40	Fill	ext					X
Site Monitoring Wells											
TW6	--	City of West Bend	?	107	S&G	pz	X	X			X
TW7	206	"	1976	90	S&G/Clay	pz	X	X			X
TW9	218	"	1979	118	S&G	pz		X			X
TW10R	239	"	1993	100	S&G	wt	X	X			X
TW11	230	"	1979	80	S&G	wt	X	X			X
TW12	231	"	1979	80	S&G	wt		X			X
TW13	231	"	1979	35	S&G	wt		X			X
TW15	226	"	1984	81	S&G	wt	X	X	X	X	X
TW16	227	"	1984	54	S&G	wt		X			X
A1	244	"	1988	76	S&G	wt/pz		X			X
A2	245	"	1988	212	Rock	pz		X			X
C2	247	"	1988	245	Rock	pz		X			X
D1	240	"	1988	87	S&G	wt	X	X			X
D2	241	"	1988	157	Till	pz	X	X			X
D3	242	"	1988	235	Rock	pz		X			X
E1	248	"	1988	57	S&G	wt	X	X			X
E2	249	"	1988	101	Till	pz	X	X			X
E3	250	"	1988	238	Rock	pz		X			X
F1	243	"	1988	38	S&G	wt	X	X			X
MW1	252	"	1991	145	S&G	wt/pz	X	X			X
MW2	253	"	1991	152	S&G	pz	X	X			X
MW3	254	"	1991	148	S&G	pz	X	X			X
MW4	255	"	1991	107	S&G/Clay	wt/pz	X	X			X
MW5	256	"	1991	43	S&G	wt	X	X			X
MW6	257	"	1991	43	S&G	wt	X	X			X
MW7	258	"	1992	81	S&G	pz	X	X			X
MW8	259	"	1992	32	S&G	pz	X	X			X
MW10S	262	"	1992	15	S&G	wt		X	X	X	X
MW10D	263	"	1992	76	S&G	pz		X	X	X	X
MW10B	264	"	1993	131	Rock	pz		X	X	X	X
MW11	265	"	1993	138	S&G	wt	Abandoned				
MW13	--	"	1997	116	S&G	wt	Abandoned				
MW14	532	"	1997	97	S&G	wt	X	X			X
MW15	533	"	1997	110	S&G	wt	Abandoned				
Off-Site Private Wells											
PW1	211	Abel	1970	180	Rock	pw			X	X	X
PW3	213	Abel	1970	220	Rock	pw			X	X	X
PW8 new	221	J. Schroeder	1984	198	Rock	pw					X
PW8 old*	380	J. Schroeder	?	?	S&G	pw	Abandoned				
PW51	238	M. Matenaer	1978	75	Rock	pw					X
PW57	378	N. Matenaer	?	?	?	pw					X
PW218**	272	R. Klink	1964	69	S&G	pw					X
PW259	287	T. Martin	?	?	Rock ?	pw					X
PW20	234	Yogerst	1959	?	Rock	pw					X
PW260	277	Parts Centre	?	?	Rock ?	pw					X
PW221	281	Devenport	1960	270	Rock	pw					X
PW269	283	R. Gerner	?	?	?	pw				X	X
PW270	282	C. Schwanz	?	?	?	pw				X	X
PW271	284	B. Voss	?	?	?	pw					X
PW264	268	Eulert Acnt.	?	?	?	pw					X
Summary of Groundwater Monitoring Program:						**15 pz 16 wt 3 wt/pz 15 pw**	**20 wt/pz**	**32 wt/pz**	**4 ext 5 wt/pz 2 pw**	**4 ext 5 wt/pz 4 pw**	**9 ext 32 wt/pz 15 pw**

NOTES:
1. VOC = volatile organic compound
2. ? = unknown at this time
3. S&G = well installed in the sand and gravel aquifer
4. S&G/Clay = indicates that the base of the well is near the contact surface between sand and gravel and clay till
5. pz = piezometer well (static water level is greater than 1-3 feet above well screen)
6. wt = water table well
7. wt/pz = indicates static water level may fluctuate above or below top of well screen
8. pw = private well
9. ext = extraction well
10. mw = monitoring well (includes type A's, C's, D's, E's, F's, TW's, and MW's)
11. * = Property owner abandoned this well, so samples are no longer collected from this well
12. ** = Residence is no longer occupied so, samples are no longer collected from this well

TABLE 2A
Summary of Vertical Hydraulic Gradients
2018-2019 Biennial Groundwater Monitoring Report
Schuster Drive Landfill - West Bend, Wisconsin

Well Nest Pair		Date	Vertical Hydraulic Gradient	Direction
Sand/Gravel Overburden Well	Bedrock Well		(ft/ft)	
A1	A2	6/23/2011	-0.009	Upward
		6/5/2012	-0.007	Upward
		6/4/2013	-0.009	Upward
		6/19/2014	-0.008	Upward
		6/9/2015	-0.009	Upward
		6/14/2016	-0.008	Upward
		6/12/2017	-0.007	Upward
		6/21/2018	-0.007	Upward
		6/20/2019	-0.007	Upward
		Average:	-0.008	
TW15	C2	6/23/2011	0.088	Downward
		6/5/2012	0.092	Downward
		6/4/2013	0.088	Downward
		6/19/2014	0.0002	Downward
		6/3/2015	0.091	Downward
		6/17/2016	0.084	Downward
		6/12/2017	0.089	Downward
		6/19/2018	0.096	Downward
		6/20/2019	0.094	Downward
		Average:	0.080	
D1	D3	6/22/2011	0.061	Downward
		6/4/2012	0.067	Downward
		6/5/2013	0.060	Downward
		6/17/2014	0.064	Downward
		6/9/2015	0.066	Downward
		6/15/2016	0.065	Downward
		6/12/2017	0.058	Downward
		6/19/2018	0.072	Downward
		6/20/2019	0.071	Downward
		Average:	0.065	
E1	E3	6/22/2011	0.076	Downward
		6/4/2012	0.081	Downward
		6/5/2013	0.075	Downward
		6/17/2014	0.078	Downward
		6/1/2015	0.028	Downward
		6/15/2016	0.079	Downward
		6/12/2017	0.085	Downward
		6/19/2018	0.085	Downward
		6/20/2019	0.083	Downward
		Average:	0.074	
MW10S	MW10D*	6/22/2011	-0.137	Upward
		6/4/2012	-0.141	Upward
		6/3/2013	-0.126	Upward
		6/19/2014	-0.126	Upward
		6/3/2015	-0.131	Upward
		6/16/2016	-0.142	Upward
		6/12/2017	-0.206	Upward
		6/19/2018	-0.137	Upward
		6/20/2019	-0.151	Upward
		Average:	-0.144	
MW10S	MW10B	6/22/2011	-0.013	Upward
		6/4/2012	-0.013	Upward
		6/3/2013	-0.013	Upward
		6/19/2014	-0.012	Upward
		6/3/2015	-0.012	Upward
		6/16/2016	-0.019	Upward
		6/12/2017	-0.054	Upward
		6/19/2018	-0.014	Upward
		6/20/2019	-0.026	Upward
		Average:	-0.020	
MW10D*	MW10B	6/22/2011	0.063	Downward
		6/4/2012	0.066	Downward
		6/3/2013	0.058	Downward
		6/19/2014	0.059	Downward
		6/3/2015	0.061	Downward
		6/16/2016	0.060	Downward
		6/12/2017	0.059	Downward
		6/19/2018	0.063	Downward
		6/20/2019	0.058	Downward
		Average:	0.061	

Notes:

Negative vertical gradients indicate upward flow.

* = Well MW10D is installed in the sand and gravel aquifer, below the water table

AECOM

TABLE 2B
Summary of Horizontal Hydraulic Gradients

Client City of West Bend
Project Former Schuster Drive Landfill
Subject Horizontal Hydraulic Gradient

Project No. 60485031
Prepared By RW **Date** 12/4/2020
Reviewed By GB **Date** 12/7/2020

Objective

Calculate the horizontal hydraulic gradient of groundwater flow in the glacial aquifer at the Former Schuster Drive Landfill located in West Bend, Wisconsin.

Assumptions

1. Water elevations were measured on June 20, 2019.
2. The horizontal hydraulic gradient is estimated from Figure 3B.

Calculations

Horizontal Hydraulic Gradient

$$I_h = \Delta h_h / \Delta l_h$$

Where:

I_h = Horizontal hydraulic gradient

Δh_h = Difference in water elevation along the flow line depicted on Figure 3B between the 1040 and 1005 contours.

Δl_h = Length (distance) between the 1040 and 1005 contours.

	Distance Along Flow line (feet)	Difference in Elevation (ft. MSL)	Horizontal Gradient (feet/foot)
Flowline A (Glacial Aquifer)	670	1040 - 1035 = 5	0.007
Flowline B (Glacial Aquifer)	850	1027 - 1015 = 12	0.014
Flowline C (Glacial Aquifer)	585	1031 - 1005 = 26	0.044

The average horizontal hydraulic gradient is 0.022

AECOM

TABLE 2B
Summary of Horizontal Hydraulic Gradients

Client City of West Bend
Project Former Schuster Drive Landfill
Subject Horizontal Hydraulic Gradient

Project No. 60485031
Prepared By RW **Date** 12/4/2020
Reviewed By GB **Date** 12/7/2020

Objective

Calculate the horizontal hydraulic gradient of groundwater flow in the bedrock aquifer at the Former Schuster Drive Landfill located in West Bend, Wisconsin.

Assumptions

1. Water elevations were measured on June 20, 2019.
2. The horizontal hydraulic gradient is estimated from Figure 4B.

Calculations

Horizontal Hydraulic Gradient

$$I_h = \Delta h_h / \Delta l_h$$

Where:

I_h = Horizontal hydraulic gradient

Δh_h = Difference in water elevation along the flow line depicted on Figure 4B between the 1035 and 1000 contours.

Δl_h = Length (distance) between the 1035 and 1000 contours.

	Distance Along Flow line (feet)	Difference in Elevation (ft. MSL)	Horizontal Gradient (feet/foot)
Flowline A (Bedrock Aquifer)	300	1035 - 1030 = 5	0.017
Flowline B (Bedrock Aquifer)	950	1015 - 1005 = 10	0.011
Flowline C (Bedrock Aquifer)	540	1010 - 1000 = 10	0.019

The average horizontal hydraulic gradient is 0.016

TABLE 3
Summary of Groundwater Level Data for Performance Monitoring
2018 - 2019 Groundwater Monitoring Report
Schuster Drive Landfill
West Bend, Wisconsin

Well	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-11	TW-6	TW-7	TW10R	TW11	TW-14	TW-15	D-1	D-2	E-1	E-2	F-1	MW14	MW15
TOC (ft)	1150.56	1153.83	1149.48	1123.39	1061.68	1060.3	1091.24	1035.50	1145.78	1118.62	1107.61	1126.67	1107.83	1154.53	1097.9	1101.71	1104.8	1072.94	1074.12	1056.86	1124.17	1126.52
										Depth to Water, in Feet												
1/21/16	129.06	132.30	127.80	96.30	36.68	35.23	64.59	8.77	0.00	91.09	84.12	93.29	70.21	133.13	74.15	79.95	80.36	51.37	53.29	31.93	91.11	103.71
2/22/16	129.08	132.29	127.80	96.33	36.69	35.44	64.55	8.91	0.00	77.75	84.12	93.31	70.30	133.14	74.18	79.80	78.92	51.25	53.49	32.00	91.10	103.72
3/28/16	128.93	132.15	127.71	96.08	35.98	34.74	64.40	7.11	0.00	85.55	76.99	93.30	70.25	133.03	73.92	79.54	79.75	50.96	53.29	31.33	91.03	103.62
4/25/16	128.12	131.35	126.84	94.97	35.05	33.69	63.36	7.43	0.00	87.91	83.44	92.85	69.37	132.20	73.10	79.07	78.94	50.06	52.36	30.33	90.63	102.93
5/24/16	127.61	130.83	126.33	94.76	35.45	34.16	62.53	8.00	0.00	89.24	82.78	92.57	69.22	NM	72.66	78.46	78.48	49.78	52.07	30.69	90.39	102.38
6/17/16	127.44	130.68	126.21	94.72	35.54	34.23	62.18	7.73	0.00	89.42	82.51	92.41	69.23	131.49	73.48	78.29	78.54	49.61	51.92	30.77	90.23	102.22
7/15/16	127.40	130.59	126.12	94.83	35.72	34.46	62.10	8.53	0.00	89.62	82.31	92.19	69.00	131.47	72.46	78.19	78.85	49.61	52.03	30.94	89.98	102.01
8/22/16	127.50	130.74	126.21	95.00	36.05	34.76	62.19	8.64	0.00	89.73	82.33	91.91	68.71	131.55	72.64	78.33	78.93	49.83	52.21	31.26	89.76	102.08
9/22/16	127.57	130.75	126.25	94.98	35.50	34.32	62.36	NM	0.00	89.75	82.44	91.79	68.46	131.61	72.63	78.37	78.64	49.73	52.02	30.86	89.63	102.09
10/26/16	127.17	130.42	125.97	94.66	35.34	34.05	62.31	7.62	0.00	89.65	82.37	91.63	68.28	131.27	72.32	78.12	78.47	49.45	51.18	30.59	89.36	101.76
11/18/16	127.08	130.32	125.87	94.71	35.15	33.84	62.53	7.89	0.00	89.32	82.39	91.61	68.52	NM	72.23	78.03	78.38	49.31	51.70	30.38	89.39	101.75
12/28/16	126.75	130.05	125.52	94.28	35.00	33.74	62.24	7.35	0.00	84.90	82.10	91.23	67.90	130.82	71.95	77.73	77.88	49.12	51.40	30.26	89.00	101.30
1/19/17	126.81	130.04	125.57	94.39	34.73	33.51	62.35	7.58	0.00	88.58	82.15	91.25	68.07	NM	71.94	77.58	NM	51.41	49.13	30.70	89.05	NM
2/17/17	126.58	129.78	125.30	94.22	34.73	33.42	62.13	NM	0.00	84.44	81.95	91.11	67.80	NM	NM	NM	NM	NM	NM	30.00	88.93	NM
3/14/17	126.40	129.59	125.30	94.00	34.00	32.65	62.10	6.50	0.00	85.58	81.83	91.09	67.84	NM	71.54	77.46	77.48	48.68	51.02	29.25	88.88	NM
4/24/17	125.58	128.51	124.20	92.98	32.67	31.30	61.08	5.40	0.00	83.50	79.54	90.72	67.30	NM	70.69	76.65	76.58	47.75	50.12	27.95	88.45	NM
5/19/17	124.81	128.02	123.52	92.48	32.24	30.88	60.33	5.52	0.00	86.55	80.39	90.58	67.42	NM	69.93	75.82	76.19	47.00	49.51	27.50	88.41	NM
6/12/17	124.24	127.54	122.98	92.22	32.55	31.20	59.75	6.05	0.00	86.92	79.71	90.15	66.49	NM	69.41	75.78	84.74	46.52	49.05	27.24	87.98	NM
7/20/17	123.80	127.04	122.52	91.98	32.37	31.02	59.28	5.94	0.00	86.70	79.20	89.61	66.36	NM	68.91	74.81	75.43	46.19	48.69	27.59	87.53	NM
8/18/17	123.62	126.88	122.66	92.18	32.64	31.33	59.32	6.31	118.44	86.79	79.05	89.51	66.19	NM	68.78	74.63	75.30	46.09	48.74	27.85	87.27	NM
9/12/17	123.57	126.82	122.32	92.19	32.90	31.59	59.32	6.84	118.38	86.84	78.95	89.24	65.78	127.64	68.82	74.58	75.40	46.10	48.69	28.09	87.04	NM
10/23/17	125.24	130.04	123.30	95.22	33.78	33.01	61.58	6.91	0.00	87.84	80.81	90.83	67.70	NM	70.14	76.30	76.41	47.21	50.55	29.90	88.80	NM
11/13/17	124.11	127.41	122.86	92.76	33.52	32.28	59.89	6.99	118.91	87.40	79.51	89.54	66.28	128.24	69.47	75.04	75.43	47.01	49.47	28.73	87.33	NM
12/05/17	124.26	127.49	123.01	92.68	33.65	32.36	60.05	7.09	119.10	87.41	79.69	89.71	66.55	NM	69.60	75.42	76.09	47.09	49.55	28.88	87.45	NM
1/24/18	124.20	128.09	123.64	93.55	34.21	32.96	60.94	7.08	119.32	88.10	80.31	90.15	67.26	NM	70.30	79.12	79.30	47.33	47.84	NM	87.92	NM
2/20/18	125.34	128.28	123.81	93.64	34.29	32.92	61.11	5.79	NM	88.16	80.55	90.19	67.58	NM	70.97	NM	NM	46.98	47.34	NM	88.14	NM
3/20/18	125.57	128.34	124.21	93.78	35.21	33.55	61.58	5.01	120.49	88.40	79.17	90.68	67.61	NM	70.80	76.57	76.64	48.05	50.50	29.81	88.67	NM
4/26/18	125.80	129.15	124.34	94.14	34.71	33.33	61.94	6.40	120.73	88.16	81.22	91.04	67.81	NM	71.05	76.81	77.55	48.24	50.68	30.00	89.00	NM
5/25/18	125.68	129.10	124.14	94.12	34.59	33.28	61.91	5.21	NM	88.88	81.04	91.24	68.04	129.91	70.94	76.56	77.18	48.05	50.51	29.78	89.30	NM
6/12/18	126.05	129.29	125.85	94.49	35.30	33.88	62.34	6.98	NM	89.12	83.78	91.44	68.29	130.14	71.21	76.99	77.76	48.19	50.71	30.39	89.55	NM
7/26/18	126.32	129.55	125.06	94.84	35.50	34.20	62.68	9.20	NM	89.35	81.73	91.78	68.65	NM	71.48	77.25	77.91	48.69	51.16	30.68	89.56	NM
8/23/18	126.64	129.85	125.38	95.07	35.82	34.53	62.89	8.94	NM	89.56	84.21	91.89	68.84	NM	71.78	77.49	78.14	48.99	51.48	31.03	89.69	NM
9/18/18	126.32	129.55	125.01	94.29	34.84	32.75	62.40	9.26	NM	89.15	81.87	91.98	68.84	NM	71.35	77.23	77.72	48.41	50.85	29.32	89.79	NM
10/12/18	126.36	129.26	124.92	94.00	33.85	32.04	62.01	7.04	NM	87.89	83.26	91.64	67.58	NM	71.02	76.85	77.19	48.23	50.85	27.44	89.57	NM
11/20/18	125.51	128.63	124.24	93.72	34.02	32.59	61.64	6.64	NM	88.44	81.13	91.41	68.08	NM	70.54	76.41	77.01	47.68	50.11	29.24	89.16	NM
12/12/18	125.28	128.21	123.89	93.52	33.78	32.44	61.09	6.68	NM	88.19	80.79	91.17	67.56	NM	70.30	76.18	76.66	47.49	49.85	28.96	88.95	NM
2/05/19	124.87	128.10	123.59	93.48	33.64	32.33	61.16	6.41	Abandoned	88.15	76.05	90.76	67.51	NM	69.94	75.78	76.56	47.15	49.68	NM	88.52	NM
2/21/19	124.84	128.02	123.57	93.45	33.67	32.35	61.12	6.44	--	88.19	76.08	90.72	67.47	NM	69.91	75.73	76.52	47.10	49.67	28.61	88.56	NM
3/14/19	124.44	127.66	123.25	92.78	33.52	32.13	60.15	5.98	--	87.40	79.89	90.19	67.04	NM	69.59	NM	NM	47.12	49.23	NM	88.01	NM
4/19/19	124.19	127.43	122.97	92.87	33.26	31.92	60.06	6.10	--	62.41	79.75	90.19	66.72	NM	69.28	75.22	75.99	46.57	49.10	28.53	88.02	NM
5/07/19	124.06	127.28	122.83	92.65	32.53	31.19	60.01	5.48	--	89.55	79.64	90.15	66.77	NM	69.10	75.10	75.80	46.39	48.87	27.81	87.94	NM
6/20/19	123.34	126.59	122.06	91.16	32.31	29.98	59.36	7.36	--	86.59	78.91	89.34	66.15	NM	68.41	74.37	93.26	49.23	45.71	27.52	87.55	NM
7/01/19	NM	NM	NM	NM	NM	NM	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
8/01/19	NM	NM	NM	NM	NM	NM	NM	NM	--	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
9/25/19	123.20	126.44	121.93	92.10	32.64	31.22	59.28	7.68	--	86.78	78.68	89.58	65.99	NM	68.36	74.23	75.23	45.70	48.21	28.81	87.56	NM
10/23/19	122.79	126.03	121.51	91.95	32.03	30.55	59.23	7.68	--	87.14	78.61	89.75	66.17	126.85	67.75	73.82	71.77	45.00	47.63	27.20	86.80	NM
11/27/19	122.19	125.45	120.94	91.33	31.50	30.09	58.70	5.24	--	85.43	77.98	89.27	65.37	NM	67.24	73.23	72.95	44.57	46.97	NM	87.41	NM
12/12/19	121.85	125.06	120.57	91.19	31.24	29.85	58.60	4.82	--	85.71	77.75	89.08	65.11	NM	66.89	72.89	74.02	44.19	46.79	26.48	87.15	NM

TABLE 3
Summary of Groundwater Level Data for Performance Monitoring
2018 - 2019 Groundwater Monitoring Report
Schuster Drive Landfill
West Bend, Wisconsin

Well	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-11	TW-6	TW-7	TW10R	TW11	TW-14	TW-15	D-1	D-2	E-1	E-2	F-1	MW14	MW15
TOC (ft)	1150.56	1153.83	1149.48	1123.39	1061.68	1060.3	1091.24	1035.50	1145.78	1118.62	1107.61	1126.67	1107.83	1154.53	1097.9	1101.71	1104.8	1072.94	1074.12	1056.86	1124.17	1126.52
										Groundwater Elevation, in Feet												
1/21/16	1021.50	1021.53	1021.68	1027.09	1025.00	1025.07	1026.65	1026.73	0.00	1027.53	1023.49	1033.38	1037.62	1021.40	1023.75	1021.76	1024.44	1021.57	1020.83	1024.93	1033.06	1022.81
2/22/16	1021.48	1021.54	1021.68	1027.06	1024.99	1024.86	1026.69	1026.59	0.00	1040.87	1023.49	1033.36	1037.53	1021.39	1023.72	1021.91	1025.88	1021.69	1020.63	1024.86	1033.07	1022.80
3/28/16	1021.63	1021.68	1021.77	1027.31	1025.70	1025.56	1026.84	1028.39	0.00	1033.07	1030.62	1033.37	1037.58	1021.50	1023.98	1022.17	1025.05	1021.98	1020.83	1025.53	1033.14	1022.90
4/25/16	1022.44	1022.48	1022.64	1028.42	1026.63	1026.61	1027.88	1028.07	0.00	1030.71	1024.17	1033.82	1038.46	1022.33	1024.80	1022.64	1025.86	1022.88	1021.76	1026.53	1033.54	1023.59
5/20/16	1022.95	1023.00	1023.15	1028.63	1026.23	1026.14	1028.71	1027.50	0.00	1029.38	1024.83	1034.10	1038.61	NM	1025.24	1023.25	1026.32	1023.16	1022.05	1026.17	1033.78	1024.14
6/17/16	1023.12	1023.15	1023.27	1028.67	1026.14	1026.07	1029.06	1027.77	0.00	1029.20	1025.10	1034.26	1038.60	1023.04	1024.42	1023.42	1026.26	1023.33	1022.20	1026.09	1033.94	1024.30
7/15/16	1023.16	1023.24	1023.36	1028.56	1025.96	1025.84	1029.14	1026.97	0.00	1029.00	1025.30	1034.48	1038.83	1023.06	1025.44	1023.52	1025.95	1023.33	1022.09	1025.92	1034.19	1024.51
8/22/16	1023.06	1023.09	1023.27	1028.39	1025.63	1025.54	1029.05	1026.86	0.00	1028.89	1025.28	1034.76	1039.12	1022.98	1025.26	1023.38	1025.87	1023.11	1021.91	1025.60	1034.41	1024.44
9/22/16	1022.99	1023.08	1023.23	1028.41	1026.18	1025.98	1028.88	0.00	0.00	1028.87	1025.17	1034.88	1039.37	1022.92	1025.27	1023.34	1026.16	1023.21	1022.10	1026.00	1034.54	1024.43
10/26/16	1023.39	1023.41	1023.51	1028.73	1026.34	1026.25	1028.93	1027.88	0.00	1028.97	1025.24	1035.04	1039.55	1023.26	1025.58	1023.59	1026.33	1023.49	1022.94	1026.27	1034.81	1024.76
11/21/16	1023.48	1023.51	1023.61	1028.68	1026.53	1026.46	1028.71	1027.61	0.00	1029.30	1025.22	1035.06	1039.31	NM	1025.67	1023.68	1026.42	1023.63	1022.42	1026.48	1034.78	1024.77
12/28/16	1023.81	1023.78	1023.96	1029.11	1026.68	1026.56	1029.00	1028.15	0.00	1033.72	1025.51	1035.44	1039.93	1023.71	1025.95	1023.98	1026.92	1023.82	1022.72	1026.60	1035.17	1025.22
1/19/17	1023.75	1023.79	1023.91	1029.00	1026.95	1026.79	1028.89	1027.92	0.00	1030.04	1025.46	1035.42	1039.76	NM	1025.96	1024.13	NM	1021.53	1024.99	1026.16	1035.12	NM
2/17/17	1023.98	1024.05	1024.18	1029.17	1026.95	1026.88	1029.11	0.00	0.00	1034.18	1025.66	1035.56	1040.03	NM	0.00	NM	NM	NM	NM	1026.86	1035.24	NM
3/14/17	1024.16	1024.24	1024.18	1029.39	1027.68	1027.65	1029.14	1029.00	0.00	1033.04	1025.78	1035.58	1039.99	NM	1026.36	1024.25	1027.32	1024.26	1023.10	1027.61	1035.29	NM
4/24/17	1024.98	1025.32	1025.28	1030.41	1029.01	1029.00	1030.16	1030.10	0.00	1035.12	1028.07	1035.95	1040.53	NM	1027.21	1025.06	1028.22	1025.19	1024.00	1028.91	1035.72	NM
5/19/17	1025.75	1025.81	1025.96	1030.91	1029.44	1029.42	1030.91	1029.98	0.00	1032.07	1027.22	1036.09	1040.41	NM	1027.97	1025.89	1028.61	1025.94	1024.61	1029.36	1035.76	NM
6/12/17	1026.32	1026.29	1026.50	1031.17	1029.13	1029.10	1031.49	1029.45	0.00	1031.70	1027.90	1036.52	1041.34	NM	1028.49	1025.93	1020.06	1026.42	1025.07	1029.62	1036.19	NM
7/20/17	1026.76	1026.79	1026.96	1031.41	1029.31	1029.28	1031.96	1029.56	0.00	1031.92	1028.41	1037.06	1041.47	NM	1028.99	1026.90	1029.37	1026.75	1025.43	1029.27	1036.64	NM
8/18/17	1026.94	1026.95	1026.82	1031.21	1029.04	1028.97	1031.92	1029.19	0.00	1031.83	1028.56	1037.16	1041.64	NM	1029.12	1027.08	1029.50	1026.85	1025.38	1029.01	1036.90	NM
9/12/17	1026.99	1027.01	1027.16	1031.20	1028.78	1028.71	1031.92	1028.66	0.00	1031.78	1028.66	1037.43	1042.05	1026.89	1029.08	1027.13	1029.40	1026.84	1025.43	1028.77	1037.13	NM
10/23/17	1025.32	1023.79	1026.18	1028.17	1027.90	1027.29	1029.66	1028.59	0.00	1030.78	1026.80	1035.84	1040.13	NM	1027.76	1025.41	1028.39	1025.73	1023.57	1026.96	1035.37	NM
11/13/17	1026.45	1026.42	1026.62	1030.63	1028.16	1028.02	1031.35	1028.51	0.00	1031.22	1028.10	1037.13	1041.55	1026.29	1028.43	1026.67	1029.37	1025.93	1024.65	1028.13	1036.84	NM
12/05/17	1026.30	1026.34	1026.47	1030.71	1028.03	1027.94	1031.19	1028.41	0.00	1031.21	1027.92	1036.96	1041.28	NM	1028.30	1026.29	1028.71	1025.85	1024.57	1027.98	1036.72	NM
1/24/18	1026.36	1025.74	1025.84	1029.84	1027.47	1027.34	1030.30	1028.42	0.00	1030.52	1027.30	1036.52	1040.57	NM	1027.60	1022.59	1025.50	1025.61	1026.28	0.00	1036.25	NM
2/20/18	1025.22	1025.55	1025.67	1029.75	1027.39	1027.38	1030.13	1029.71	0.00	1030.46	1027.06	1036.48	1040.25	NM	1026.93	NM	NM	1025.96	1026.78	0.00	1036.03	NM
3/20/18	1024.99	1025.49	1025.27	1029.61	1026.47	1026.75	1029.66	1030.49	0.00	1030.22	1028.44	1035.99	1040.22	NM	1027.10	1025.14	1028.16	1024.89	1023.62	1027.05	1035.50	NM
4/26/18	1024.76	1024.68	1025.14	1029.25	1026.97	1026.97	1029.30	1029.10	0.00	1030.46	1026.39	1035.63	1040.02	NM	1026.85	1024.90	1027.25	1024.70	1023.44	1026.86	1035.17	NM
5/25/18	1024.88	1024.73	1025.34	1029.27	1027.09	1027.02	1029.33	1030.29	0.00	1029.74	1026.57	1035.43	1039.79	1024.62	1026.96	1025.15	1027.62	1024.89	1023.61	1027.08	1034.87	NM
6/12/18	1024.51	1024.54	1023.63	1028.90	1026.38	1026.42	1028.90	1028.52	0.00	1029.50	1023.83	1035.23	1039.54	1024.39	1026.69	1024.72	1027.04	1024.75	1023.41	1026.47	1034.62	NM
7/26/18	1024.24	1024.28	1024.42	1028.55	1026.18	1026.10	1028.56	1026.30	0.00	1029.27	1025.88	1034.89	1039.18	NM	1026.42	1024.46	1026.89	1024.25	1022.96	1026.18	1034.61	NM
8/23/18	1023.92	1023.98	1024.10	1028.32	1025.86	1025.77	1028.35	1026.56	0.00	1029.06	1023.40	1034.78	1038.99	NM	1026.12	1024.22	1026.66	1023.95	1022.64	1025.83	1034.48	NM
9/18/18	1024.24	1024.28	1024.47	1029.10	1026.84	1027.55	1028.84	1026.24	0.00	1029.47	1025.74	1034.69	1038.99	NM	1026.55	1024.48	1027.08	1024.53	1023.27	1027.54	1034.38	NM
10/12/18	1024.20	1024.57	1024.56	1029.39	1027.83	1028.26	1029.23	1028.46	0.00	1030.73	1024.35	1035.03	1040.25	NM	1026.88	1024.86	1027.61	1024.71	1023.27	1029.42	1034.60	NM
11/20/18	1025.05	1025.20	1025.24	1029.67	1027.66	1027.71	1029.60	1028.86	0.00	1030.18	1026.48	1035.26	1039.75	NM	1027.36	1025.30	1027.79	1025.26	1024.01	1027.62	1035.01	NM
12/12/18	1025.28	1025.62	1025.59	1029.87	1027.90	1027.86	1030.15	1028.82	0.00	1030.43	1026.82	1035.50	1040.27	NM	1027.60	1025.53	1028.14	1025.45	1024.27	1027.90	1035.22	NM
2/05/19	1025.69	1025.73	1025.89	1029.91	1028.04	1027.97	1030.08	1029.09	0.00	1030.47	1031.56	1035.91	1040.32	NM	1027.96	1025.93	1028.24	1025.79	1024.44	0.00	1035.65	NM
2/21/19	1025.72	1025.81	1025.91	1029.94	1028.01	1027.95	1030.12	1029.06	0.00	1030.43	1031.53	1035.95	1040.36	NM	1027.99	1025.98	1028.28	1025.84	1024.45	1028.25	1035.61	NM
3/14/19	1026.12	1026.17	1026.23	1030.61	1028.16	1028.17	1031.09	1029.52	0.00	1031.22	1027.72	1036.48	1040.79	NM	1028.31	0.00	0.00	1025.82	1024.89	0.00	1036.16	NM
4/19/19	1026.37	1026.40	1026.51	1030.52	1028.42	1028.38	1031.18	1029.40	0.00	1056.21	1027.86	1036.48	1041.11	NM	1028.62	1026.49	1028.81	1026.37	1025.02	1028.33	1036.15	NM
5/07/19	1026.50	1026.55	1026.65	1030.74	1029.15	1029.11	1031.23	1030.02	0.00	1029.07	1027.97	1036.52	1041.06	NM	1028.80	1026.61	1029.00	1026.55	1025.25	1029.05	1036.23	NM
6/20/19	1027.22	1027.24	1027.42	1032.23	1029.37	1030.32	1031.88	1028.14	0.00	1032.03	1028.70	1037.33	1041.68	NM	1029.49	1027.34	1011.54	1023.71	1028.41	1029.34	1036.62	NM
7/01/19	NM	NM	NM	NM	NM	NM	NM	NM	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
8/01/19	NM	NM	NM	NM	NM	NM	NM	NM	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
9/25/19	1027.36	1027.39	1027.55	1031.29	1029.04	1029.08	1031.96	1027.82	0.00	1031.84	1028.93	1037.09	1041.84	NM	1029.54	1027.48	1029.57	1027.24	1025.91	1028.05	1036.61	NM
10/23/19	1027.77	1027.80	1027.97	1031.44	1029.65	1029.75	1032.01	1027.82	0.00	1031.48	1029.00	1036.92	1041.66	1027.68	1030.15	1027.89	1033.03	1027.94	1026.49	1029.66	1037.37	NM
11/27/19	1028.37	1028.38	1028.54	1032.06	1030.18	1030.21	1032.54	1030.26	0.00	1033.19	1029.63	1037.40	1042.46	NM	1030.66	1028.48	1031.85	1028.37	1027.15	0.00	1036.76	NM
12/12/19	1028.71	1028.77	1028.91	1032.20	1030.44	1030.45	1032.64	1030.68	0.00	1032.91	1029.86	1037.59	1042.72	NM	1031.01	1028.82	1030.78	1028.75	1027.33	1030.38	1037.02	NM

Notes:
1. Prior to May 2010, water levels measured by City of West Bend and provided to AECOM monthly.
2. Blank cells = Water level was incorrectly or not recorded due to the well being dry, inaccessible, or similar reason.
3. TOC (ft) = Top of Casing (feet)
4. NM = Not Measured
5. Water Levels were not measured in July and August 2019

TABLE 4A
Summary of Detected Volatile Organic Compounds (2018)
Schuster Drive Landfill
West Bend, Wisconsin

Well	Sample Date	Units	1,1,1-trichloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2-dichloroethane	1,2-dichloropropane	acetone	benzene	bromodichloromethane	bromoform	carbon disulfide	chloroethane	chloroform	chloromethane	cis-1,2-dichloroethylene	dibromochloromethane	dichlorodifluoromethane	ethylbenzene	methyl ethyl ketone (2-butanone)	methylene chloride	naphthalene	tert-butyl methyl ether	tetrachloroethylene (pce)	tetrahydrofuran	toluene	trans-1,2-dichloroethene	trichloroethylene (tce)	vinyl chloride	xylenes, total	Total VOCs
A-1	6/21/2018	ug/L	1.7	<0.2	<0.24	<0.41	<0.17	<0.23	5.8 J	<0.5	<0.5	<0.5	2.1 J	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	6.6	<0.18	<1.5	16
A-2	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
C-2	6/19/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	0.55 J	<0.18	<1.5	0.55
D-1	6/19/2018	ug/L	1.9	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	0.86 J	<0.5	<3	<0.23	<2.5	<0.17	1.5	<2	<0.5	<0.26	3.9	<0.18	<1.5	8.2
D-2	6/19/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	2.6	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	2.6
D-3	6/19/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
E-1	6/19/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	3.3 J	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	0.86 J	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	0.86 J	<0.18	<1.5	5.0
E-2	6/19/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
E-3	6/19/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
F-1	6/21/2018	ug/L	0.96 J	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	2.6	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	10.9	<0.18	<1.5	14
MW-1	6/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	0.54 J	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	1.6	<2	<0.5	<0.26	3.7	<0.18	<1.5	5.8
MW-2	6/20/2018	ug/L	<0.5	<0.2	2.1	<0.41	<0.17	<0.23	<3	1.1	<0.5	<0.5	<0.61	1.8	<2.5	<0.5	10.6	<0.5	0.41 J	<0.5	<3	<0.23	<2.5	<0.17	<0.5	3.6 J	<0.5	0.58 J	<0.33	59.5	<1.5	80
MW-3	6/20/2018	ug/L	<0.5	<0.2	3.2	<0.41	0.22 J	<0.23	<3	1.5	<0.5	<0.5	<0.61	1.8	<2.5	<0.5	11.6	<0.5	0.53 J	<0.5	<3	<0.23	<2.5	<0.17	<0.5	4.2 J	<0.5	<0.26	<0.33	36.4	<1.5	59
MW-4	6/20/2018	ug/L	<0.5	<0.2	2	<0.41	0.36 J	<0.23	4.8 J	0.74 J	<0.5	<0.5	<0.61	85	<2.5	<0.5	1.5	<0.5	<0.22	<0.5	<3	<0.23	<2.5	0.21 J	<0.5	16.6	<0.5	0.29 J	0.39 J	<0.18	<1.5	112
MW-5	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	2.4	<0.18	<1.5	2.4
MW-5 DUP	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	0.26 J	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	2.3	<0.18	<1.5	2.6
MW-6	6/21/2018	ug/L	<0.24	<0.2	<0.27	<0.24	<0.28	<0.28	<2.7	<0.5	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<0.5	<0.5	<0.5	<2.9	<0.58	<1.2	<1.2	<0.5	<2.3	<0.5	<1.1	0.45	<0.18	<1.5	0.45
MW-6 DUP	6/21/2018	ug/L	<0.24	<0.2	<0.27	<0.24	<0.28	<0.28	<2.7	<0.5	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<0.5	<0.5	<0.5	<2.9	<0.58	<1.2	<1.2	<0.5	<2.3	<0.5	<1.1	0.5	<0.18	<1.5	0.50
MW-7	6/21/2018	ug/L	0.67 J	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	1.5	<0.18	<1.5	2.2
MW-8	6/19/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
MW-8 DUP	6/19/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
MW-10S	3/20/2018	ug/L	1.1	<0.2	1.9	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	71.7	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	2.5	51.3	<0.18	<1.5	129
MW-10S	6/19/2018	ug/L	0.67 J	<0.2	1.6	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	70.8	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	2.8	42.5	<0.18	<1.5	118
MW-10S	9/19/2018	ug/L	0.57 J	<0.55	2	0.31 J	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	115	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	4.9	42.8	<0.17	<1.5	166
MW-10S	12/12/2018	ug/L	<0.24	<0.55	1.3	<0.24	<0.28	<0.28	3.2 J	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	118	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	4.6	33.3	<0.17	<1.5	160
MW-10D	3/20/2018	ug/L	2.5	<0.2	1.8	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	85.8	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	2.4	101	<0.18	<1.5	194
MW-10D	6/19/2018	ug/L	2.3	<0.2	1.9	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	95.5	<0.5	0.24 J	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	2.2	108	<0.18	<1.5	210
MW-10D	9/19/2018	ug/L	2.5	<0.55	2	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	111	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	0.39 J	<2.3	<0.17	2.3 J	102	<0.17	<1.5	220
MW-10D	12/12/2018	ug/L	2.2	<0.55	1.4	<0.24	<0.28	<0.28	3.7 J	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	70.7	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	1.7 J	94.6	<0.17	<1.5	174
MW-10B	3/20/2018	ug/L	<0.5	<0.2	0.6 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	16.7	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	0.4 J	1.4	1.2	<1.5	20
MW-10B DUP	3/20/2018	ug/L	<0.5	<0.2	0.65 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	17.4	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	0.35 J	1.4	1.4	<1.5	21
MW-10B	6/19/2018	ug/L	0.94 J	<0.2	0.45 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	12	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	16.8	<0.18	<1.5	30
MW-10B DUP	6/19/2018	ug/L	0.93 J	<0.2	0.41 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	12.2	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	0.3 J	17.5	<0.18	<1.5	31
MW-10B	9/19/2018	ug/L	0.95 J	<0.55	0.36 J	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	13.8	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	16.3	<0.17	<1.5	31
MW-10B DUP	9/19/2018	ug/L	1	<0.55	0.35 J	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	14.1	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	17.5	<0.17	<1.5	33
MW-10B	12/12/2018	ug/L	0.85 J	<0.55	<0.27	<0.24	<0.28	<0.28	4.2 J	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	10.2	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	16.4	<0.17	<1.5	32
MW-10B DUP	12/12/2018	ug/L	0.8 J	<0.55	<0.27	<0.24	<0.28	<0.28	2.8 J	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	8.2	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	16.8	<0.17	<1.5	29
MW-14	6/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	3.9	<0.5	0.35 J	<0.5	<3	<0.23	<2.5	<0.17	3.9	<2	<0.5	<0.26	66.3	<0.18	<1.5	74
PW-1	3/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-1	6/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-1	9/18/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	<0.26	<0.17	<1.5	0
PW-1	12/12/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	<0.26	<0.17	<1.5	0
PW-20	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	6.1	0.95 J	<0.61	<0.37	6.7	0.56 J	<0.26	4.4	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	19
PW-221	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-259	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	3.3 J	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	0.66 J	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	4.0
PW-260	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	5.3	0.8 J	<0.61	<0.37	5.4	<0.5	<0.26	3.7	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	15
PW-264	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	0.32 J	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0.32
PW-269	6/12/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-269	12/12/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	<0.26	<0.17	<1.5	0
PW-270	6/12/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-270	12/12/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	3 J	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	<0.26	<0.17	<1.5	3.0
PW-271	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-3	3/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-3	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-3	9/18/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	<0.26	<0.17	<1.5	0
PW-3	12/12/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	<0.26	<0.17	<1.5	0
PW-51	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-57	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
PW-8 NEW	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	3.4 J	<0.5	4.7	4	<0.61	<0.37	5.3	<0.5	<0.26	3.6	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	21
TW-6	6/20/2018	ug/L	<0.5	<0.2	31	<0.41	0.51 J	<0.23	4.4 J	<0.5	<0.5	<0.5	<0.61	6.3	<2.5	<0.5	0.69 J	<0.5	0.57 J	<0.5	<3	<0.23	<2.5	<0.17	<0.5	2.2 J	<0.5	<0.26	<0.33	1.5	<1.5	47
TW-6 DUP	6/20/2018	ug/L	<0.5	<0.2	103	<0.41	1.4	<0.23	<3	0.72 J	<0.5	<0.5	<0.61	4.2	<2.5	<0.5	0.58 J	<0.5	1.4	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	0.38 J	<0.33	0.98 J	<1.5	113
TW-7	6/20/2018	ug/L	<0.5	<0.2	1.1	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	0.47 J	<2.5	<0.5	1.1	<0.5	0.36 J	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	8.2	<1.5	11
TW-7 DUP	6/20/2018	ug/L	<0.5	<0.2	0.84 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	0.76 J	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	4.9	<1.5	6.5
TW-9	6/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	2.7 J	<0.5	<0.26	<0.33	<0.18	<1.5	2.7
TW-10R	6/20/2018	ug/L	1	<0.2	0.99 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	2.8	<0.5	0.6 J	<0.5	<3	<0.23	<2.5	<0.17	3.4	<2	<0.5	0.43 J	173	<0.18	<1.5	182
TW-11	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
TW-12	6/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	0.53 J	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0.53
TW-13	6/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
TW-15	3/20/2018	ug/L	0.71 J	<0.2	0.34 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	0.29 J	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	4.2	<2	<0.5	<0.26	3.2	<0.18	<1.5	8.7
TW-15	6/19/2018	ug/L	0.72 J	<0.2	0.29 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	4.3	<2	<0.5	<0.26	3.4	<0.18	<1.5	8.7
TW-15	9/19/2018	ug/L	0.8 J	<0.55	0.27 J	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	0.34 J	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	5	<2.3	<0.17	<1.1	3.2	<0.17	<1.5	9.6
TW-15	12/12/2018	ug/L	0.61 J	<0.55	<0.27	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	4.2	<2.3	<0.17	<1.1	2.7	<0.17	<1.5	7.5
TW-16	6/21/2018	ug/L	0.59 J	<0.2	2	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	1.5	<0.5	0.39 J	<0.5	<3	<0.23	<2.5	<0.17	1.5	<2	<0.5	<0.26	7.8	<0.18	<1.5	14

TABLE 4A
Summary of Detected Volatile Organic Compounds (2018)
Schuster Drive Landfill
West Bend, Wisconsin

Well	Sample Date	Units	1,1,1-trichloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2-dichloroethane	1,2-dichloropropane	acetone	benzene	bromodichloromethane	bromoform	carbon disulfide	chloroethane	chloroform	chloromethane	cis-1,2-dichloroethylene	dibromochloromethane	dichlorodifluoromethane	ethylbenzene	methyl ethyl ketone (2-butanone)	methylene chloride	naphthalene	tert-butyl methyl ether	tetrachloroethylene (pce)	tetrahydrofuran	toluene	trans-1,2-dichloroethene	trichloroethylene (tce)	vinyl chloride	xylenes, total	Total VOCs
EX-4	3/20/2018	ug/L	0.67 J	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	5.3	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	**16.3**	<0.18	<1.5	22
EX-4	6/21/2018	ug/L	0.9 J	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	6.6	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	**15.4**	<0.18	<1.5	23
EX-4	9/19/2018	ug/L	0.59 J	<0.55	<0.27	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	4.2	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	**12.6**	<0.17	<1.5	17
EX-4	12/12/2018	ug/L	0.63 J	<0.55	<0.27	<0.24	<0.28	<0.28	3.3 J	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	3.3	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	**14.9**	<0.17	<1.5	22
EX-5	3/20/2018	ug/L	1.7	<0.2	0.65 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	*15.9*	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	*0.59 J*	<2	<0.5	0.36 J	**20.9**	<0.18	<1.5	40
EX-5	6/21/2018	ug/L	1.6	<0.2	0.59 J	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	*17.7*	<0.5	0.26 J	<0.5	<3	<0.23	<2.5	<0.17	*0.54 J*	<2	<0.5	0.41 J	**22.1**	<0.18	<1.5	43
EX-5	9/19/2018	ug/L	1.6	<0.55	0.43 J	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	*18.6*	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	*0.61 J*	<2.3	<0.17	<1.1	**22.2**	<0.17	<1.5	43
EX-5	12/12/2018	ug/L	1.5	<0.55	0.37 J	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	*14.3*	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	*0.75 J*	<2.3	<0.17	<1.1	**22**	<0.17	<1.5	39
EX-7	3/20/2018	ug/L	1.7	0.49 J	17.4	*1.8*	*0.71 J*	0.47 J	18.4 J	**5**	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	**2780**	<0.5	0.59 J	107	14.1 J	<0.23	<2.5	<0.17	*0.98 J*	3.7 J	*282*	*21.8*	**8.3**	**2080**	*548*	5892
EX-7	6/21/2018	ug/L	<0.5	<0.2	4.3	*1.1*	0.24 J	0.3 J	7.5 J	*1.6*	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	**1410**	<0.5	0.45 J	48.7	<3	<0.23	<2.5	<0.17	*0.9 J*	<2	93.6	9.5	*4.8*	**570**	279	2432
EX-7	9/19/2018	ug/L	0.35 J	<0.55	5	*0.89 J*	<0.28	<0.28	5.3 J	*1.7*	<0.36	<4	<0.37	<1.3	<1.3	<2.2	**1630**	<2.6	<0.5	58	4.7 J	<0.58	2.4 J	<1.2	*0.66 J*	<2.3	120	8.8	**5**	**629**	324	2796
EX-7	12/12/2018	ug/L	<0.61	<1.4	3.3	*0.7 J*	<0.7	<0.71	<6.9	*1.6 J*	<0.91	<9.9	<0.94	<3.4	<3.2	<5.5	**767**	<6.5	<1.2	17.3	<7.3	<1.5	<2.9	<3.1	<0.82	<5.8	54.6	5.9 J	**5.4**	**536**	187	1579
EX-8	3/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	0.61 J	0.32 J	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	*0.84 J*	<2	<0.5	<0.26	**5**	<0.18	<1.5	6.8
EX-8	6/21/2018	ug/L	<0.5	<0.2	0.24 J	<0.41	<0.17	<0.23	31	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	1.5	<0.5	0.28 J	<0.5	186	<0.23	<2.5	<0.17	*1.3*	**55.2**	<0.5	<0.26	**7.3**	**0.8 J**	<1.5	284
EX-8	9/19/2018	ug/L	<2.4	<5.5	<2.7	<2.4	<2.8	<2.8	97.7 J	<2.5	<3.6	<39.7	<3.7	<13.4	<12.7	<21.9	3.8 J	<26	<5	<2.2	579	**10.6 J**	<11.8	<12.5	<3.3	**179 J**	<1.7	<10.9	**5.7 J**	<1.7	<15	876
EX-8	12/12/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	3.2 J	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	0.64 J	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	*1.3*	**136**	<0.17	<1.1	**6.5**	<0.17	<1.5	148
GEW-26	3/20/2018	ug/L	1.6	*0.55 J*	16.6	*1.5*	*0.62 J*	*0.58 J*	<3	**5.1**	<0.5	<0.5	<0.61	1.6	<2.5	<0.5	**3700**	<0.5	0.48 J	90	<3	<0.23	<2.5	<0.17	*0.73 J*	4.5 J	*259*	19.8	**7.8**	**2180**	*483*	6773
GEW-26	6/21/2018	ug/L	<1.2	<0.49	1.4 J	<1	<0.42	<0.58	<7.4	<1.2	<1.2	<1.2	<1.5	<0.94	<6.2	<1.2	**367**	<1.2	<0.56	<1.2	<7.4	<0.58	<6.2	<0.44	<1.2	<5.1	<1.2	2.1 J	*2.6*	**29.7**	<3.8	403
GEW-26	9/19/2018	ug/L	<2.4	<5.5	<2.7	<2.4	<2.8	<2.8	272	<2.5	<3.6	<39.7	<3.7	<13.4	<12.7	<21.9	**716**	<26	<5	<2.2	*1280*	**16.3 J**	<11.8	<12.5	<3.3	**377**	8.7 J	<10.9	*4.8 J*	**54.4**	<15	2729
GEW-26	12/12/2018	ug/L	<0.61	<1.4	<0.68	<0.61	<0.7	<0.71	<6.9	<0.62	<0.91	<9.9	<0.94	<3.4	<3.2	<5.5	**365**	<6.5	<1.2	<0.55	<7.3	<1.5	<2.9	<3.1	<0.82	<5.8	0.69 J	3.1 J	*4.2*	**24.7**	<3.8	398
EX-8	3/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	0.61 J	0.32 J	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	*0.84 J*	<2	<0.5	<0.26	**5**	<0.18	<1.5	6.8
EX-8	6/21/2018	ug/L	<0.5	<0.2	0.24 J	<0.41	<0.17	<0.23	31	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	1.5	<0.5	0.28 J	<0.5	186	<0.23	<2.5	<0.17	*1.3*	**55.2**	<0.5	<0.26	**7.3**	**0.8 J**	<1.5	284
EX-8	9/19/2018	ug/L	<2.4	<5.5	<2.7	<2.4	<2.8	<2.8	97.7 J	<2.5	<3.6	<39.7	<3.7	<13.4	<12.7	<21.9	3.8 J	<26	<5	<2.2	579	**10.6 J**	<11.8	<12.5	<3.3	**179 J**	<1.7	<10.9	**5.7 J**	<1.7	<15	876
EX-8	12/12/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	3.2 J	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	0.64 J	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	*1.3*	**136**	<0.17	<1.1	**6.5**	<0.17	<1.5	148
FIELD BLANK	6/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	0.66 J	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0.66
FIELD BLANK DUP	6/21/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
TRIP BLANK	3/20/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
TRIP BLANK	6/19/2018	ug/L	<0.5	<0.2	<0.24	<0.41	<0.17	<0.23	<3	<0.5	<0.5	<0.5	<0.61	<0.37	<2.5	<0.5	<0.26	<0.5	<0.22	<0.5	<3	<0.23	<2.5	<0.17	<0.5	<2	<0.5	<0.26	<0.33	<0.18	<1.5	0
TRIP BLANK	9/18/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	<0.26	<0.17	<1.5	0
TRIP BLANK	12/12/2018	ug/L	<0.24	<0.55	<0.27	<0.24	<0.28	<0.28	<2.7	<0.25	<0.36	<4	<0.37	<1.3	<1.3	<2.2	<0.27	<2.6	<0.5	<0.22	<2.9	<0.58	<1.2	<1.2	<0.33	<2.3	<0.17	<1.1	<0.26	<0.17	<1.5	0
	ES	ug/L	200	5	850	7	5	5	9000	5	0.6	4.4	1000	400	6	30	70	60	1000	700	4000	5	100	60	5	50	800	100	5	0.2	2000	NS
	PAL	ug/L	40	0.5	85	0.7	0.5	0.5	1800	0.5	0.06	0.44	200	80	0.6	3	7	6	200	140	800	0.5	10	12	0.5	10	160	20	0.5	0.02	400	NS

Notes:
µg/L = micrograms per Liter or parts per billion
* = field duplicate
J = flagged by laboratory: "Estimated value."
"<" = Sample result is less than or equal to the Reporting Limit
NS = No Standard.
ES = Wisconsin Administrative Code, Chapter NR140 Enforcement Standard
PAL = Wisconsin Administrative Code, Chapter NR140 Preventive Action Limit
Underlined and Italicized Font = PAL Exceedance
Bold Font = ES Exceedance

AECOM

TABLE 4B
Summary of Detected Volatile Organic Compounds (2019)
Schuster Drive Landfill
West Bend, Wisconsin

Loc ID	Sample Date	Compound / Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Acetone	Benzene	Carbon disulfide	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Dichlorodifluoromethane	Ethylbenzene	Methylene Chloride	Naphthalene	Tetrachloroethene	Tetrahydrofuran	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylene (Total)	Total VOCs
A-1	6/5/2019	ug/l	0.39 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	2	< 0.17	< 1.5	2.4
A-2	6/5/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3.1 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.22 J	< 1.1	< 0.26	< 0.17	< 1.5	3.3
C-2	6/5/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	7 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.74 J	< 1.1	0.38 J	< 0.17	< 1.5	8.1
D-1	6/4/2019	ug/l	1.5	< 0.27	< 0.24	< 0.28	3.6 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	0.64 J	< 0.22	< 0.58	< 1.2	1.3	< 2.3	< 0.17	< 1.1	3.3	< 0.17	< 1.5	10
D-2	6/4/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	18 J	< 0.25	< 0.37	4.1 J	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	1.1 J	< 1.1	< 0.26	< 0.17	< 1.5	23
D-3	6/4/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	27.5	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.94 J	< 1.1	< 0.26	< 0.17	< 1.5	28.4
E-1	6/5/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	0.62 J	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	0.56 J	< 0.17	< 1.5	1.2
E-2	6/5/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
E-3	6/5/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	31.3	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.35 J	< 1.1	< 0.26	< 0.17	< 1.5	31.7
F-1	6/6/2019	ug/l	0.34 J	< 0.27	< 0.24	< 0.28	9.9 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.75 J	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**5.6**	< 0.17	< 1.5	17
MW-1	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	1 J	< 2.3	< 0.17	< 1.1	2.6	< 0.17	< 1.5	3.6
MW-2	6/4/2019	ug/l	< 0.24	1.4	0.68 J	< 0.28	3 J	0.8 J	0.38 J	2.2 J	< 1.3	< 2.2	38	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	3 J	< 0.17	< 1.1	0.75 J	**97.6**	< 1.5	148
MW-3	6/4/2019	ug/l	< 1.2	3.5 J	< 1.2	< 1.4	< 13.7	1.4 J	< 1.9	< 6.7	< 6.4	< 10.9	**162**	< 2.5	< 1.1	< 2.9	< 5.9	< 1.6	< 11.6	< 0.86	< 5.5	< 1.3	**313**	< 7.5	480
MW-4	6/5/2019	ug/l	< 0.24	3.2	< 0.24	0.54 J	4 J	1.1	< 0.37	79.9	< 1.3	< 2.2	0.59 J	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	18.3 J	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	108
MW-4 DUP	6/5/2019	ug/l	< 0.24	3.8	< 0.24	0.37 J	6.7 J	1.2	< 0.37	123	< 1.3	< 2.2	0.56 J	< 0.5	0.33 J	< 0.58	< 1.2	< 0.33	22.1	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	158
MW-5	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	7.4 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	0.37 J	< 0.17	< 1.5	7.8
MW-6	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	4.2 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.26 J	< 1.1	< 0.26	< 0.17	< 1.5	4.5
MW-6 DUP	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	8 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.21 J	< 1.1	< 0.26	< 0.17	< 1.5	8.2
MW-7	6/6/2019	ug/l	0.8 J	< 0.27	< 0.24	< 0.28	2.8 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	1.6	< 0.17	< 1.5	5.2
MW-8	6/5/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
MW-8 DUP	6/5/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3.6 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	3.6
MW-10S	3/14/2019	ug/l	0.6 J	1.4	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	**105**	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	3.9	**34.3**	< 0.17	< 1.5	145
MW-10S	6/4/2019	ug/l	0.83 J	< 0.27	< 0.24	< 0.28	5.8 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	8.7	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.49 J	< 1.1	**16.7**	< 0.17	< 1.5	32.5
MW-10S	9/25/2019	ug/l	0.82 J	2.1	< 0.24	< 0.28	3.6 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	**97.7**	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	4.2	**50.5**	**0.35 J**	< 1.5	159
MW-10S	12/12/2019	ug/l	< 0.24	1.6	0.29 J	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	**162**	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	7.3	**12.5**	< 0.17	< 1.5	184
MW-10D	3/14/2019	ug/l	2	1.5	0.3 J	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	**83.2**	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	1.6 J	**91.6**	< 0.17	< 1.5	180
MW-10D	6/4/2019	ug/l	2	1.1	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	**76**	< 0.5	< 0.22	< 0.58	< 1.2	0.34 J	< 2.3	< 0.17	1.2 J	**96.2**	< 0.17	< 1.5	177
MW-10D	9/25/2019	ug/l	2.4	1.8	< 0.24	< 0.28	2.7 J	< 0.25	< 0.37	< 1.3	< 1.3	5.4 J	**85.2**	< 0.5	< 0.22	< 0.58	< 1.2	0.46 J	< 2.3	< 0.17	2 J	**99.2**	< 0.17	< 1.5	199
MW-10D	12/12/2019	ug/l	2.2	1.5	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	**79.8**	< 0.50	< 0.22	< 0.58	< 1.2	0.34 J	< 2.3	< 0.17	1.8 J	**103**	< 0.17	< 1.5	189
MW-10B	3/14/2019	ug/l	0.95 J	0.31 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	11.2	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**13**	< 0.17	< 1.5	25.5
MW-10B DUP	3/14/2019	ug/l	0.75 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	10.7	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**10.5**	< 0.17	< 1.5	22
MW-10B	6/4/2019	ug/l	0.77 J	0.32 J	< 0.24	< 0.28	5 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	8.9	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.55 J	< 1.1	**16.2**	< 0.17	< 1.5	31.7
MW-10B DUP	6/4/2019	ug/l	< 0.24	1 J	< 0.24	< 0.28	3 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	**79.9**	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	3.1 J	**24.9**	**0.21 J**	< 1.5	112
MW-10B	9/25/2019	ug/l	0.81 J	0.36 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	10.7	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**17.1**	< 0.17	< 1.5	29
MW-10B DUP	9/25/2019	ug/l	1 J	0.31 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	10.2	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**17.2**	< 0.17	< 1.5	28.7
MW-10B	12/12/2019	ug/l	0.97 J	0.34 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	9.4	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**17.4**	< 0.17	< 1.5	28.1
MW-10B DUP	12/12/2019	ug/l	0.96 J	0.36 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	9.4	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**17.7**	< 0.17	< 1.5	28.4
MW-14	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	4.4 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	2.5	< 0.5	< 0.22	< 0.58	< 1.2	3.3	< 2.3	< 0.17	< 1.1	**37**	< 0.17	< 1.5	47
PW-1	3/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-1	6/11/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3.9 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	3.9
PW-1	9/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-1	12/12/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-20	6/6/2019	ug/l	< 0.24	2.5	< 0.24	0.57 J	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	15.7	1 J	< 0.22	4.2 J	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**5.4**	**0.45 J**	< 1.5	29.8
PW-259	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-260	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-264	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3.1 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.28 J	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	3.4
PW-269	6/4/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-269	12/12/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-270	6/4/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-270	12/12/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-271	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
		ES	200	850	7	5	9000	5	1000	400	6	30	70	1000	700	5	100	5	50	800	100	5	0.2	2000	NS
		PAL	40	85	0.7	0.5	1800	0.5	200	80	0.6	3	7	200	140	0.5	10	0.5	10	160	20	0.5	0.02	400	NS

AECOM

TABLE 4B
Summary of Detected Volatile Organic Compounds (2019)
Schuster Drive Landfill
West Bend, Wisconsin

Loc ID	Sample Date	Compound / Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Acetone	Benzene	Carbon disulfide	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Dichlorodifluoromethane	Ethylbenzene	Methylene Chloride	Naphthalene	Tetrachloroethene	Tetrahydrofuran	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylene (Total)	Total VOCs
PW-3	3/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-3	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-3	9/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-3	12/12/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-51	6/11/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	3
PW-57	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
PW-8 NEW	6/11/2019	ug/l	< 0.24	0.67 J	< 0.24	< 0.28	4.6 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*7.1*	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	*3*	**1.2**	< 1.5	17
TW-6	6/5/2019	ug/l	< 0.24	0.36 J	< 0.24	< 0.28	2.9 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.33 J	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	3.6
TW-6 DUP	6/5/2019	ug/l	< 0.24	0.46 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.46 J	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	0.92
TW-7	6/4/2019	ug/l	< 0.24	0.33 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	1.9	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	**6.1**	< 1.5	8.3
TW-7 DUP	6/4/2019	ug/l	< 0.24	0.29 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	1.8	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	**5**	< 1.5	7.1
TW-9	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.97 J	< 1.1	< 0.26	< 0.17	< 1.5	0.97
TW-10R	6/6/2019	ug/l	0.37 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	4.7	1 J	< 0.22	< 0.58	< 1.2	*1.4*	< 2.3	< 0.17	< 1.1	**58.2**	< 0.17	< 1.5	65.7
TW-11	6/5/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	3
TW-12	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
TW-13	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
TW-15	3/14/2019	ug/l	0.59 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	*4.7*	< 2.3	< 0.17	< 1.1	*2.5*	< 0.17	< 1.5	7.8
TW-15	6/4/2019	ug/l	0.62 J	< 0.27	< 0.24	< 0.28	3.1 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	*4.3*	< 2.3	< 0.17	< 1.1	*2.8*	< 0.17	< 1.5	11
TW-15	9/25/2019	ug/l	0.71 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.5	< 0.22	< 0.58	< 1.2	**5.1**	< 2.3	< 0.17	< 1.1	*2.7*	< 0.17	< 1.5	8.5
TW-15	12/12/2019	ug/l	0.69 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	*4.3*	< 2.3	< 0.17	< 1.1	*2.5*	< 0.17	< 1.5	7.5
TW-16	6/4/2019	ug/l	0.54 J	1.2	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.53 J	< 0.5	< 0.22	< 0.58	< 1.2	*1.4*	< 2.3	< 0.17	< 1.1	**7**	< 0.17	< 1.5	11
TW-101	3/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.2 J	< 1.1	< 0.26	< 0.17	< 1.5	0.2
TW-102	2/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	8.4 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.81 J	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.42 J	< 1.1	0.42 J	< 0.17	< 1.5	10
TW-102	3/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
TW-103	2/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	9.2 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.26 J	< 1.1	< 0.26	< 0.17	< 1.5	9.5
TW-103	3/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3.4 J	< 0.25	< 0.37	< 1.3	< 1.3	*4.8 J*	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.4 J	< 1.1	< 0.26	< 0.17	< 1.5	8.6
TW-104	2/14/2019	ug/l	< 0.24	2.7	< 0.24	< 0.28	3.6 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	**76.4**	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	**0.53 J**	< 1.5	83.2
TW-104	3/14/2019	ug/l	< 0.24	2.5	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	**78.8**	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	81.3
TW-105	2/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	4.4 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*14.9*	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	**0.43 J**	< 1.5	19.7
TW-105	3/14/2019	ug/l	< 0.24	1.3	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*47.6*	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	*0.88 J*	**0.69 J**	< 1.5	50.5
TW-106	2/14/2019	ug/l	< 0.24	1.7	0.49 J	< 0.28	18.8 J	0.38 J	< 0.37	< 1.3	< 1.3	< 2.2	**70.6**	< 0.50	2.8	< 0.58	< 1.2	< 0.33	< 2.3	0.72 J	2.9 J	**16.8**	**0.56 J**	< 1.5	116
TW-106	3/14/2019	ug/l	< 0.24	1.4	< 0.24	< 0.28	2.8 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*54.9*	< 0.50	0.57 J	< 0.58	< 1.2	< 0.33	< 2.3	0.6 J	2 J	**28.5**	**0.26 J**	< 1.5	91
TW-107	2/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.27 J	< 1.1	< 0.26	< 0.17	< 1.5	0.27
TW-107	3/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
TW-108	2/14/2019	ug/l	< 0.24	0.82 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*24*	0.54 J	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.31 J	< 1.1	0.26 J	< 0.17	< 1.5	26
TW-108	3/14/2019	ug/l	< 0.24	0.91 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*23.3*	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	24.2
TW-109	2/14/2019	ug/l	0.39 J	< 0.27	< 0.24	< 0.28	3.8 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.38 J	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.68 J	< 1.1	*3.4*	< 0.17	< 1.5	8.7
TW-109	3/14/2019	ug/l	0.4 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.48 J	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	*3.5*	< 0.17	< 1.5	4.4
TW-110	7/1/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3.8 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.28 J	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	4.1
TW-110	7/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.23 J	< 1.1	< 0.26	< 0.17	< 1.5	0.23
TW-110-SUB	7/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
TW-111	7/1/2019	ug/l	< 0.24	0.66 J	< 0.24	< 0.28	3.3 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*18.8*	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**20.4**	< 0.17	< 1.5	43.2
TW-111	7/25/2019	ug/l	< 0.24	0.37 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*20.5*	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**18.1**	< 0.17	< 1.5	39
TW-112	7/1/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3.8 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	3.8
TW-112	7/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	0.2 J	< 1.1	0.33 J	< 0.17	< 1.5	0.53
TW-112-SUB	7/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
TW-113	7/1/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	3 J	< 0.25	< 0.37	< 1.3	*1.7 J*	< 2.2	0.3 J	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	5
TW-113	7/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	1.2	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	1.2
TW-114	7/1/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	4.7 J	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	4.7
TW-114	7/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	< 0.27	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	< 0.26	< 0.17	< 1.5	< 4.4
TW-116	7/1/2019	ug/l	< 0.24	0.83 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*22.7*	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	*2.1*	< 0.17	< 1.5	25.6
		ES	200	850	7	5	9000	5	1000	400	6	30	70	1000	700	5	100	5	50	800	100	5	0.2	2000	NS
		PAL	40	85	0.7	0.5	1800	0.5	200	80	0.6	3	7	200	140	0.5	10	0.5	10	160	20	0.5	0.02	400	NS

AECOM

TABLE 4B
Summary of Detected Volatile Organic Compounds (2019)
Schuster Drive Landfill
West Bend, Wisconsin

Loc ID	Sample Date	Compound / Units	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Acetone	Benzene	Carbon disulfide	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Dichlorodifluoromethane	Ethylbenzene	Methylene Chloride	Naphthalene	Tetrachloroethene	Tetrahydrofuran	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylene (Total)	Total VOCs
		Units																							
TW-116	7/25/2019	ug/l	< 0.24	0.85 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*32.5*	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	*2.3*	< 0.17	< 1.5	35.7
TW-117	7/1/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	4.1	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**5.4**	< 0.17	< 1.5	9.5
TW-117	7/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	5.4	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**9.2**	< 0.17	< 1.5	15
TW-118	7/1/2019	ug/l	< 0.24	0.59 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*11.8*	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	*3.1*	< 0.17	< 1.5	15.5
TW-118	7/25/2019	ug/l	< 0.24	0.49 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*15.4*	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	*4.5*	< 0.17	< 1.5	20.4
EX-4	3/14/2019	ug/l	0.76 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	5.1	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**15.6**	< 0.17	< 1.5	21.5
EX-4	6/6/2019	ug/l	0.52 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	3.4	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**12.1**	< 0.17	< 1.5	16
EX-4	9/25/2019	ug/l	0.79 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*7*	< 0.5	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**16**	**0.91 J**	< 1.5	25
EX-4	12/12/2019	ug/l	0.68 J	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	3.4	< 0.50	< 0.22	< 0.58	< 1.2	< 0.33	< 2.3	< 0.17	< 1.1	**10.8**	< 0.17	< 1.5	14.9
EX-5	3/14/2019	ug/l	1.5	0.37 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*17.2*	< 0.5	< 0.22	< 0.58	< 1.2	*0.7 J*	< 2.3	< 0.17	< 1.1	**21.7**	< 0.17	< 1.5	41.5
EX-5	6/6/2019	ug/l	1.1	0.53 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*14.7*	< 0.5	< 0.22	< 0.58	< 1.2	0.39 J	< 2.3	< 0.17	< 1.1	**17.1**	< 0.17	< 1.5	33.8
EX-5	9/25/2019	ug/l	1.4	0.78 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*20*	< 0.5	< 0.22	< 0.58	< 1.2	*0.77 J*	< 2.3	< 0.17	< 1.1	**20.6**	< 0.17	< 1.5	43.6
EX-5	12/12/2019	ug/l	1.5	0.69 J	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	*19.5*	< 0.50	< 0.22	< 0.58	< 1.2	*0.75 J*	< 2.3	< 0.17	< 1.1	**22.3**	< 0.17	< 1.5	44.7
EX-7	3/14/2019	ug/l	< 1.2	< 1.4	< 1.2	< 1.4	< 13.7	< 1.2	< 1.9	< 6.7	< 6.4	< 10.9	**380**	< 2.5	5.6	< 2.9	< 5.9	< 1.6	< 11.6	10.2 J	< 5.5	**6.6**	**143**	30.4	576
EX-7	6/6/2019	ug/l	< 6.1	< 6.8	< 6.1	< 7	< 68.5	< 6.2	< 9.4	< 33.6	< 31.8	< 54.7	**1490**	< 12.5	23.8 J	< 14.5	< 29.4	< 8.2	< 58	65.3 J	< 27.3	< 6.4	**720**	161	2460
EX-7	9/25/2019	ug/l	< 6.1	< 6.8	< 6.1	< 7	< 68.5	< 6.2	< 9.4	< 33.6	< 31.8	< 54.7	**1750**	< 12.5	< 5.5	< 14.5	< 29.4	< 8.2	< 58	< 4.3	*28.4 J*	**7.6 J**	**621**	< 37.5	2410
EX-7	12/12/2019	ug/l	0.38 J	3.3	*0.82 J*	< 0.28	< 2.7	*1.2*	< 0.37	< 1.3	< 1.3	< 2.2	**1550**	< 0.50	57.5	< 0.58	2.0 J	*0.78 J*	< 2.3	114	8.1	**9**	**574**	338	2660
EX-8	3/14/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.7 J	< 0.5	< 0.22	< 0.58	< 1.2	*1.2*	< 2.3	< 0.17	< 1.1	**6.1**	< 0.17	< 1.5	8
EX-8	6/6/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	0.72 J	< 0.5	< 0.22	< 0.58	< 1.2	*1.1 J*	< 2.3	< 0.17	< 1.1	**5.8**	< 0.17	< 1.5	7.6
EX-8	9/25/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	4.2	< 0.5	< 0.22	< 0.58	< 1.2	*1.3*	**292**	< 0.17	< 1.1	**7.1**	**0.36 J**	< 1.5	305
EX-8	12/12/2019	ug/l	< 0.24	< 0.27	< 0.24	< 0.28	< 2.7	< 0.25	< 0.37	< 1.3	< 1.3	< 2.2	3.9	< 0.50	< 0.22	< 0.58	< 1.2	*1.1*	< 2.3	< 0.17	< 1.1	**6.9**	**0.26 J**	< 1.5	12
GEW-26	3/14/2019	ug/l	< 0.49	< 0.55	< 0.49	< 0.56	< 5.5	< 0.49	< 0.75	< 2.7	< 2.5	< 4.4	**84.5**	< 1	< 0.44	< 1.2	< 2.4	< 0.65	< 4.6	< 0.34	< 2.2	*0.8 J*	**1.9 J**	< 3	87.2
GEW-26	6/6/2019	ug/l	< 2.4	< 2.7	< 2.4	< 2.8	< 27.4	< 2.5	< 3.7	< 13.4	< 12.7	< 21.9	**1060**	< 5	< 2.2	< 5.8	< 11.8	< 3.3	< 23.2	< 1.7	< 10.9	*4.6 J*	**121**	< 15	1190
GEW-26	9/25/2019	ug/l	< 2.4	4.2 J	< 2.4	< 2.8	< 27.4	< 2.5	< 3.7	< 13.4	< 12.7	< 21.9	**1550**	< 5	< 2.2	< 5.8	< 11.8	< 3.3	< 23.2	< 1.7	< 10.9	**5.5 J**	**337**	< 15	1900
GEW-26	12/12/2019	ug/l	< 4.9	< 5.5	< 4.9	< 5.6	< 54.8	< 4.9	< 7.5	< 26.8	< 25.5	< 43.8	**841**	< 10	< 4.4	< 11.6	< 23.5	< 6.5	< 46.4	< 3.4	< 21.8	< 5.1	**243**	< 30.0	1080
		ES	200	850	7	5	9000	5	1000	400	6	30	70	1000	700	5	100	5	50	800	100	5	0.2	2000	NS
		PAL	40	85	0.7	0.5	1800	0.5	200	80	0.6	3	7	200	140	0.5	10	0.5	10	160	20	0.5	0.02	400	NS

Notes:
µg/L = micrograms per Liter or parts per billion
J = flagged by laboratory: "Estimated value."
"<" = Sample result is less than or equal to the Reporting Limit
NS = No Standard.
ES = Wisconsin Administrative Code, Chapter NR140 Enforcement Standard
PAL = Wisconsin Administrative Code, Chapter NR140 Preventive Action Limit
Underlined and Italicized Font = PAL Exceedance
Bold Font = ES Exceedance

TABLE 5
Private Well Sampling Locations
2018-2019 Biennial Groundwater Monitoring Report
Schuster Drive Landfill
West Bend, Wisconsin

City ID No.	WDNR No.	Well Owner	Address	Drinking Water Source
PW01	211	Bill & Mary Abel (a)	3977 Schuster Dr.	PW
PW03	213	Mr. H.M. Abel	3945 Schuster Dr.	PW
PW08(new)	221	Jack Schroeder	3836 Schuster Dr.	CW
PW08(old)	380	Jack Schroeder	3836 Schuster Dr.	CW
PW20	234	Matt Yogerst (b)	6790 Wildwood Rd.	CW
PW51	238	Michael Matenaer	6991 Wildwood Rd.	PW
PW57	378	Norman Matenaer	3745 Beaver Dam	PW
PW218**	272	Raymond Klink	3697 Hwy 33	PW
PW221	281	Doug Devenport	6471 Scenic Dr.	PW*
PW259	287	Tom Martin	3605 Beaver Dam	PW
PW260	277	Parts Center	3520 W. Washington	CW
PW264	268	Eulert Accounting	2519 W. Washington	PW
PW269	283	Richard Gerner	6357 Scenic Dr.	PW
PW270	282	Chris Schwanz	205 Scenic Drive	PW
PW271	284	AJ Brandt (c)	225 Scenic Drive	PW

NOTES:
PW = Indicates private well water is used for drinking purposes.
CW = Indicates City water is used for drinking purposes.
WDNR = Wisconsin Department of Natural Resources.
* = Residence provides its own bottled water.
** = Residence is no longer occupied, therefore samples are no longer collected from this well.
(a) = Formerly owned by Mrs. H.L. Abel.
(b) = Formerly owned by Matt Yogurst. Current owner is unknown.
(c) = Formerly owned by M. Geldreich and B. Voss.

Table 6

Historical Occurrence of Select Volatile Organic Compounds

(TCE, Cis-1,2 DCE, Vinyl Chloride, and Total VOCs)

2018-2019 Biennial Groundwater Monitoring Report

Schuster Drive Landfill - West Bend, Wisconsin

	Trichloroethene																											
YEAR →	**1992**	**1993**	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**
City ID No.	Concentration, in micrograms per liter (µg/L)																											
A-1	5	6.3	9.3	4.8	--	13	8	8.0	5.5	17	17	9.4	8.4	7.1	2.3	18	18	19	11.3	5.3	4	1.5	2.9	4.7	1.9	1.2	6.6	2
A-2	--	--	--	--	--	--	--	1.6	--	0.32(J)	--	--	--	0.22(J)	1.7	0.97	--	--	--	---	---	---	---	---	---	---	---	---
C-2	--	3.9	3.2	--	2.2	3.3	--	--	0.58	2.0	0.46(J)	--	7.7	7.5	6.8	6.8	NA	7.4	--	1.1	1.4	4.9	0.36 J	1.1	1.2	1.3	0.55 J	0.38 J
D-1	27	27	31	Dry	Dry	Dry	3.8	Dry	3.2	NA	NA	NA	NA	NA	NA	NA	2.7	10	7.9	3.8	7.9	1.1	5.1	5.2	4.6	4.7	3.9	3.3
D-2	NA	NA	NA	NA	NA	--	--	NA	--	NA	NA	NA	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
D-3	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	---	---	---	---	---	---	NA	---	---
E-1	1.8	5.2	3.3	Dry	4.5	7.1	5.6	4.1	3.4	3.7	4.9	NA	NA	NA	NA	1.7	2.7	5.8	4.7	2.4	2.7	1.1	1.6	1.2	0.66 J	0.98 J	0.86 J	0.56 J
E-2	NA	NA	NA	NA	NA	--	--	NA	NA	NA	NA	NA	--	0.21(J)	0.17(J)	--	--	--	--	---	---	---	---	---	---	---	---	---
E-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
F-1	100	140	160	Dry	29	37	30	16	28	15	24	11.0	5.9	25	14	15	8.2	21	18.8	19.2	13.9	4.7	16.9	31.5	20.7	9.8	10.9	5.6
MW-1	NA	48	58	10	17	12	10	9.2	7.6	8.7	7.3	6.4	4.2	6.6	9.1	4.4	6.3	6.3	3.6	3.1	4.5	4.0	5.2	4	2.8	3.6	3.7	2.6
MW-2	NA	NA	NA	NA	NA	14	4.1	7.7	0.46	0.47	0.76(J)	--	0.48(J)	0.98	1.6	0.27(J)	2(J)	0.43(J)	--	---	---	---	---	---	---	---	---	0.75 J
MW-3	NA	--	1.6	--	2.1	2	2.2	--	0.86	0.25(J)	0.75(J)	--	--	0.66	0.59	0.17(J)	0.65	0.27(J)	--	---	---	---	---	---	---	---	---	---
MW-4	NA	5.7	--	--	--	--	1.8	--	--	2.9	1.8	1.1 (J)	0.59(J)	0.49(J)	0.49(J)	--	NA	1.1	--	---	---	< 1.0 J	---	---	0.38 J	0.38 J	0.39 J	---
MW-5	NA	NA	NA	NA	NA	5	4.9	2.8	NA	NA	NA	2.0	0.85	NA	1.5	2.2	0.9	1.1	3	4.3	---	---	0.5 J	5.5	3.5	---	2.4	0.37 J
MW-6	NA	--	8.9	Dry	12	Dry	11	9.8	NA	NA	NA	7.3	4.3	4.7	5.7	3	2	2.4	7.3	NA	---	---	---	---	---	---	0.45 J	---
MW-7	1.6	4.4	2.9	3.9	2.4	4.1	3.2	3.3	2.9	2.7	2.6	2.8	1.8	2.2	2.7	2.2	3.9	2.6	2	2.2	1.9	1.7	1.7	2	1.6	1.6	1.5	1.6
MW-8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
MW-10B	NA	38	50	78	76	100	38	72	71	54	35	52	34	34	33	24	29	29	5.4	28.8	24.4	22.8	19.8	20.3	0.77 J	18.9	16.8	24.9
MW-10D	290	460	330	160	310	360	270	300	280	250	290	240	260	130	160	160	200	180	179	---	---	---	148	137	130	108	108	96.2
MW-10S	--	17	12	--	7.6	48	78	160	110	140	270	100	150	170	210	180	180	200	203	---	---	83.0	24.7	45	43.7	33	42.5	16.7
MW-11	NA	9.1	12	5.4	7.2	6.6	--	NA	3.4	NA	NA	NA	NA	NA	NA	NA	NA	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-14							70	23	50.0	100	30.0	93.0	190	84	190	120	120	83	164	206	97.2	---	148	65.1	127	139	66.3	37
TW-6	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
TW-7	NA	--	--	--	--	--	--	--	--	--	0.31(J)	2.3	--	0.95	0.4(J)	--	--	--	--	---	---	---	---	0.4 J	0.47 J	---	---	---
TW-9	--	--	--	--	--	--	2.5	--	--	--	--	--	--	--	--	NA	--	--	--	---	NA	113	NA	---	---	---	---	---
TW-10R	2500	2200	1,100	1,000	720	600	360	400	350	390	210	530	280	270	250	200	180	340	288	---	131	129	295	218	81.3	50.4	173	58.2
TW-11	--	--	--	--	--	--	5.8	--	--	--	--	--	--	--	--	--	NA	--	--	---	---	---	---	---	---	---	---	---
TW-12	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
TW-13	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
TW-15	48	34	41	17	22	18	22	20	18	21	16	NA	NA	NA	NA	10	NA	8.7	10.2	7.8	6.1	4.2	3.7	4.2	3.3	3.9	3.4	2.8
TW-16	52	38	50	18	4.5	7.6	9.7	8.6	8.4	7.8	8.6	9.3	11	13	13	8.3	12	8.6	12.4	10.7	6.9	6.2	8	0.93 J	7.5	4.5	7.8	7
PW-1	--	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	NA	NA	NA	--	---	---	---	---	---	---	---	---	---
PW-3	--	--	--	--	--	--	--	--	NA	--	--	--	NA	--	--	NA	NA	NA	--	---	---	---	---	---	---	---	---	---
PW-264	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-8 NEW	3.6	4	4.5	7.6	2.4	2.8	2.7	3.3	3.2	2.9	NA	2.9	2.1	--	0.66	0.58	NA	NA	2.1	---	---	---	---	---	2.5	NA	---	3
PW-8 OLD	NA	25	NA	3.0	6.2	2	2.1	2.4	1.8	0.5	NA	1.4	1.1	--	NA	0.7	0.83	1	0.89(J)	---	---	2.3	3.9	3.6	NA	NA	NA	NA
PW-20	21	16	14	12	23	20	18	13	13	13	15	15	14	16	8.1	NA	13	12	--	---	---	---	---	---	---	---	---	5.4
PW-270	NA	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	NA	NA	NA	NA	---	---	---	---	---	---	---	---	---
PW-269	NA	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	NA	NA	NA	NA	NA	---	---	---	---	---	---	---	---
PW-271	--	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	NA	---	NA	---	---	---
PW-57	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-221	NA	--	4.3	4.7	3.4	0.9	1.3	--	--	--	--	--	0.17(J)	1	NA	NA	--	--	--	NA	---	---	---	NA	---	---	---	NA
PW-259	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-260	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	--	---	---	---	---	---	---	---	---	---

ES	**5**
PAL	**0.5**

Table 6

Historical Occurrence of Select Volatile Organic Compounds

(TCE, Cis-1,2 DCE, Vinyl Chloride, and Total VOCs)

2018-2019 Biennial Groundwater Monitoring Report

Schuster Drive Landfill - West Bend, Wisconsin

	cis-1,2-Dichloroethene																											
YEAR →	**1992**	**1993**	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**
City ID No.	Concentration, in micrograms per liter (µg/L)																											
A-1	34	32	45	20	5.3	55	30	24	14	29	32	17	14	6.1	2.7	6.9	2.6	2.2	--	---	---	---	---	---	---	---	---	---
A-2	--	--	--	--	--	0.5	--	2.2	--	0.43(J)	--	--	--	--	1.1(J)	--	--	--	--	---	---	---	---	---	---	---	---	---
C-2	--	43	48	83	21	50	1.5	6.6	2.6	8.6	9.5	--	23	22	13	14	NA	11	--	---	1.2	2.2	3.1	---	0.42 J	---	---	---
D-1	430	390	320	Dry	Dry	Dry	9.6	Dry	3.7	NA	NA	NA	NA	NA	NA	NA	--	1.6	4.8	2.0	2.4	---	1.9	3.2	1.2	---	---	---
D-2	NA	NA	NA	NA	NA	0.6	--	NA	--	NA	NA	NA	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
D-3	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	---	---	---	---	---	---	NA	---	---
E-1	1.2	3.8	3.4	Dry	3.7	6.4	4.6	3.0	2.1	1.3	2.2	NA	NA	NA	NA	--	--	--	--	---	---	---	---	---	---	---	---	---
E-2	NA	NA	NA	NA	NA	--	--	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
E-3	--	--	--	--	--	--	--	--	--	0.34(J)	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
F-1	240	750	600	Dry	53	200	110	65	63	20	53	23	5.3	32.0	8.7	18.0	5.3	13.0	13.5	17.8	6.0	2.8	11.3	23.5	15.1	2.5	2.6	0.75 J
MW-1	NA	250	360	130	100	120	70	48	37	33	33	17	12	12	31	5.4	7.4	6.4	5.8	2.3	3.9	2.9	2.1	0.39 J	---	0.56 J	0.54 J	---
MW-2	NA	NA	NA	NA	NA	34	12	15	1.2	0.39(J)	2.4	--	0.33(J)	1.4(J)	2.3	0.42(J)	10.0	0.44(J)	--	---	---	< 1.0 J	0.77 J	---	---	0.76 J	10.6	38.0
MW-3	NA	8.4	9	12	360	9.8	5.2	--	0.82	--	0.76(J)	--	0.43(J)	1(J)	1.8	--	11	--	--	---	---	---	---	---	---	10.8	11.6	162.0
MW-4	NA	170	16	--	--	--	0.2	--	0.41	84	1.2	0.5 (J)	--	--	--	--	NA	26	--	1.6	1.9	< 1.0 J	1.2	0.48 J	1.2	1.1	1.5	0.56 J
MW-5	NA	NA	NA	NA	NA	1	2.3	0.20	NA	NA	NA	--	--	NA	--	0.72(J)	--	--	--	2.1	---	---	---	3.3	1	---	---	---
MW-6	NA	--	20	Dry	35	Dry	24	5.6	NA	NA	NA	1.4	0.69(J)	2.0	2.4	--	0.51(J)	1.6	4.2	NA	---	---	---	---	---	0.32 J	---	---
MW-7	2.2	4.6	3.6	2.2	1.8	2	1.1	1.4	1.1	0.6	0.64(J)	0.84 (J)	0.37(J)	--	0.56(J)	0.44(J)	--	--	--	---	---	---	---	---	---	---	---	---
MW-8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
MW-10B	NA	10	55	180	190	230	80	180	160	67	45	60	37	33	42	24	29	24	36.3	17.6	18.6	17.8	14.6	14.3	18.8	14.9	12.0	79.9
MW-10D	150	180	130	69	160	340	340	560	620	430	500	370	350	150	150	160	190	160	140	---	---	---	140	136	105	96	95.5	76
MW-10S	--	21	6	14	3.5	70	78	120	58	70	180	83	170	190	230	200	190	190	159	83.5	---	70.7	31.1	51.7	72.4	61	70.8	9
MW-11	NA	--	49	19	12	26	--	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	#N/A	#N/A	NA	NA	NA	NA	NA
MW-14							50	32	19	66	29	27	140	12	65	17	14	7.1	17.7	40.7	---	26.7	14.1	3.2	11.3	9.3	3.9	2.5
TW-6	NA	NA	NA	NA	NA	--	--	--	0.36	--	--	0.31 (J)	--	2.4	1.2(J)	--	0.78(J)	1(J)	--	---	---	---	0.55 J	1.7	0.62 J	---	0.69 J	0.33 J
TW-7	NA	--	--	--	--	--	1	--	--	--	--	0.92 (J)	--	1.3(J)	0.51(J)	--	--	--	--	---	---	---	---	---	---	---	1.1	1.9
TW-9	--	--	--	--	--	--	1.9	--	--	--	0.41(J)	--	--	--	--	NA	--	--	--	---	NA	23.8	#N/A	---	---	---	---	---
TW-10R	240	70	75	71	98	350	270	300	270	350	210	500	270	190	290	230	140	200	143	---	51.3	99.9	157	52.8	11.5	12	2.8	4.7
TW-11	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	NA	--	--	---	---	---	---	---	---	---	---	---
TW-12	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
TW-13	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
TW-15	710	550	500	340	230	210	180	150	66	84	47	NA	NA	NA	NA	0.48(J)	NA	5.7	16.9	10.7	4.6	2.1	0.68 J	0.36 J	---	---	---	---
TW-16	230	200	380	96	13	17	12	15	4.1	6.7	18	14.0	28.0	24.0	23.0	5.7	5.7	4.6	14.2	10.5	8.1	7.3	9.9	1.3	5.7	1.6	1.5	0.53 J
PW-1	--	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	NA	NA	NA	--	---	---	---	---	---	---	---	---	---
PW-3	--	--	--	--	--	--	--	--	NA	--	--	--	NA	--	--	NA	NA	NA	--	---	---	---	---	---	---	---	---	---
PW-264	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	0.26 J	0.32 J	0.28 J
PW-8 NEW	5.8	6.7	9.9	27	4.5	6.9	6.9	6.9	6.3	4.2	NA	5.1	3.8	4.2	1.0	1.2	NA	NA	4.1	2.1	---	---	---	---	5.1	NA	---	7.1
PW-8 OLD	NA	230	NA	6.9	11	1.5	1.4	1.2	1.4	--	NA	0.83 (J)	1.3	--	NA	0.4(J)	0.45(J)	--	--	---	---	1.8	3	2.2	NA	NA	NA	NA
PW-20	49	49	44	47	53	59	52	52	50	43	48	41	40	46	38	NA	45	47	--	---	---	---	---	---	---	---	---	15.7
PW-270	NA	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	NA	NA	NA	NA	---	---	---	---	---	---	---	---	---
PW-269	NA	--	--	--	--	--	--	--	--	--	--	--	NA	NA	--	NA	NA	NA	NA	NA	---	---	---	---	---	---	---	---
PW-271	--	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	NA	---	NA	---	---	---
PW-57	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-221	NA	--	10	15	7.9	2.7	2.3	0.60	0.98	0.35(J)	0.31(J)	0.39 (J)	0.41(J)	1.7(J)	NA	NA	--	--	--	NA	---	---	---	NA	---	---	---	NA
PW-259	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-260	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	--	---	---	---	---	---	---	---	---	---

ES	**70**
PAL	**7**

Table 6

Historical Occurrence of Select Volatile Organic Compounds

(TCE, Cis-1,2 DCE, Vinyl Chloride, and Total VOCs)

2018-2019 Biennial Groundwater Monitoring Report

Schuster Drive Landfill - West Bend, Wisconsin

	Vinyl Chloride																											
YEAR →	**1992**	**1993**	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**
City ID No.	Concentration, in micrograms per liter (µg/L)																											
A-1	23	10	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
A-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
C-2	--	5.7	3	--	1.8	1.3	--	1.3	--	0.38	0.63	--	23	0.37(J)	--	1	NA	0.53	--	---	---	---	---	---	---	---	---	---
D-1	210	95	90	Dry	Dry	Dry	2.0	Dry	--	NA	NA	NA	NA	NA	NA	NA	--	2.1	2.4	1.1	---	---	---	---	---	---	---	---
D-2	NA	NA	NA	NA	NA	--	--	NA	--	NA	NA	NA	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
D-3	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA	NA	--	--	NA	NA	--	---	---	---	---	---	---	NA	---	---
E-1	--	--	--	Dry	--	--	--	--	--	--	--	NA	NA	NA	NA	--	--	--	--	---	---	---	---	---	---	---	---	---
E-2	NA	NA	NA	NA	NA	--	--	NA	NA	NA	NA	NA	--	--	--		--	--	--	---	---	---	---	---	---	---	---	---
E-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--	--	---	---	---	---	---	---	---	---	---
F-1	6.2	5.4	49	Dry	--	--	--	--	--	--	--	--	--	--	--		--	--	--	---	---	---	---	---	---	---	---	---
MW-1	NA	13	18	--	--	--	--	--	--	--	--	--	--	--	2.3	--	0.24(J)	0.54	0.35(J)	---	---	---	---	---	---	---	---	---
MW-2	NA	NA	NA	NA	NA	1.9	19	12	--	--	1.0	--	--	1.4	2.7	0.46(J)	2.9	0.81	0.78(J)	2.6	---	---	0.94 J	---	---	1.7	59.5	97.6
MW-3	NA	10	7.2	26	120	3	0.80	--	0.36	--	1.1	--	--	1.2	2.7	0.21(J)	4.1	0.51	--	---	---	---	---	---	0.28 J	62.9	36.4	313.0
MW-4	NA	30	26	25	3.9	--	7.2	--	0.22	170	1.4	0.42 (J)	--	--	--	0.32(J)	NA	15	--	---	1.4	---	---	---	---	0.22 J	---	---
MW-5	NA	NA	NA	NA	NA	--	--	--	NA	NA	NA	--	--	NA	--	--	--	--	--	---	---	---	---	---	---	---	---	---
MW-6	NA	--	--	Dry	--	Dry	--	--	NA	NA	NA	--	--	--	--	--	--	--	--	NA	---	---	---	---	---	---	---	---
MW-7	5.8	7.4	3.9	4.5	3.9	0.5	--	--	--	--	0.53(J)	0.47 (J)	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
MW-8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
MW-10B	NA	--	2.4	6.2	14	--	0.9	2.5	1.5	1.1	0.65(J)	0.56 (J)	--	--	0.66(J)	0.75	0.26(J)	--	0.3(J)	---	---	---	---	---	0.44 J	---	---	0.21 J
MW-10D	2	2.1	1.5	--	--	20	16	23	18	17	13	5.5 (J)	--	--	1(J)	--	2.9	--	0.66(J)	---	---	---	---	---	---	---	---	---
MW-10S	--	--	--	--	--	--	--	--	--	0.98	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
MW-11	NA	--	6.2	--	--	--	--	NA	--	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	#N/A	#N/A	NA	NA	NA	NA	NA
MW-14							--	--	--	--	--	--	--	--	2.5(J)	--	--	--	--	---	---	---	---	---	---	---	---	---
TW-6	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	--	4.7	0.35(J)	0.23(J)	1.2	--	0.34(J)	2.4	---	---	1.4	3.1	1.3	0.66 J	1.5	---
TW-7	NA	24	19	15	--	--	1.7	--	--	--	--	--	--	4.4	0.6	--	--	--	1.2	---	---	---	---	1	2	---	8.2	6.1
TW-9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	--	---	NA	--	#N/A	---	---	---	---	---
TW-10R	170	15	54	--	--	18	20	5.0	0.39	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
TW-11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	---	---	---	---	---	---	---	---	---
TW-12	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
TW-13	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
TW-15	65	24	28	--	4.5	--	--	--	--	--	--	NA	NA	NA	NA	--	NA	--	1.5	---	---	---	---	---	---	---	---	---
TW-16	120	65	48	--	--	0.5	1.0	0.80	--	0.28(J)	--	--	--	--	--	--	--	--	--	---	---	< 1.0 J	---	---	---	---	---	---
PW-1	--	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	NA	NA	NA	--	---	---	---	---	---	---	---	---	---
PW-3	--	--	--	--	--	--	--	--	NA	--	--	--	NA	--	--	NA	NA	NA	--	---	---	---	---	---	---	---	---	---
PW-264	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-8 NEW	5.3	3.8	5.1	1.3	2.0	1.8	2.2	2.1	2.2	3.0	NA	2.1	1.4	--	0.3	0.43(J)	NA	NA	1.2	---	---	---	---	---	1.2	NA	---	1.2
PW-8 OLD	NA	34	NA	2.6	--	--	--	--	0.2	--	NA	--	--	--	NA	--	--	--	--	---	---	---	---	---	NA	NA	NA	NA
PW-20	8.2	4.6	4.1	3.0	4.3	3.2	3.4	2.5	1.9	3.4	3.6	2.7	1.9	2.6	1.0	NA	1.5	1.4	--	---	---	---	---	---	---	---	---	0.45 J
PW-270	NA	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	NA	NA	NA	NA	---	---	---	---	---	---	---	---	---
PW-269	NA	--	--	--	--	--	--	--	--	--	--	--	NA	NA	--	NA	NA	NA	NA	NA	---	---	---	---	---	---	---	---
PW-271	--	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	NA	---	NA	---	---	---
PW-57	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-221	NA	--	--	--	--	--	--	--	--	0.11(J)	--	--	--	--	NA	NA	--	--	--	NA	---	---	---	NA	---	---	---	NA
PW-259	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---
PW-260	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	--	--	--	---	---	---	---	---	---	---	---	---

ES	**0.2**
PAL	**0.02**

Table 6

Historical Occurrence of Select Volatile Organic Compounds

(TCE, Cis-1,2 DCE, Vinyl Chloride, and Total VOCs)

2018-2019 Biennial Groundwater Monitoring Report

Schuster Drive Landfill - West Bend, Wisconsin

	Total VOC Concentration Trends																											Apparent Trend
YEAR	**1992**	**1993**	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	
City ID:	Concentration, in micrograms per liter (µg/L)																												
A-1	64.6	51.1	68.8	30.9	5.3	80.5	46.4	39.5	25.5	60.1	61.4	32.1	27.4	18.17	6.95	33.04	27.77	28.27	13.4	6.3	8.6	1.5	3.63	6.05	1.9	1.2	16.2	2.4	Decreasing
A-2	0	0	0	0	0	0.5	0.60	5.2	0	1.7	0	0	0	1.15	3.76	1.58	0	0	0	0	0	0	0	0	0	0	0	3.3	Steady
C-2	0	52.6	56	83	25	57.1	1.5	8.2	35.4	13.8	59.1	0	38.7	34.79	26.65	29.98	NA	24.67	0	1.1	3.06	16.17	6.56	1.1	2.17	1.3	0.55	8.1	Decreasing
D-1	694	537	464	Dry	Dry	Dry	37.6	Dry	20.3	NA	NA	NA	NA	NA	NA	NA	6.33	21.4	22.75	11.82	20.5	3.55	13.16	15.2	11.2	8.8	8.16	10	Unknown
D-2	NA	NA	NA	NA	NA	7.6	3.1	NA	68.8	NA	NA	NA	0	13.56	0	1.81	6.95	2.9	5.3	0	0.8	0	1.8	0	4.5	0	2.6	23	Unknown
D-3	0	0	0	0	0	0	0	1.2	NA	NA	NA	NA	NA	NA	0	0.37	NA	NA	0	0	0	0	0	4.89	0	NA	0	28.4	Unknown
E-1	3	9	6.7	Dry	8.2	13.5	11.6	9.2	7.4	10.7	10.1	NA	NA	NA	NA	13.14	4	7.9	10.1	3.9	8.1	2.1	2.8	2.3	1.38	1.73	5.02	1.2	Decreasing
E-2	NA	NA	NA	NA	NA	0	0.60	NA	NA	NA	NA	NA	0	0.21	0.17	0.4	0	0	0	0	0	0	5	0	0	0	0	0	Steady
E-3	0	0	0	0	0	0	1.7	0.4	0.0	1.2	0.2	0	0	0	0	0.61	0	0	0	0	0	0	4.4	0	0	0	0	31.7	Steady
F-1	353	909	827	Dry	87.6	237	152	81	99.2	38.8	84.0	36.8	12.0	62.9	25.4	37.35	14.7	37.81	34.8	39.20	25.0	7.5	29.8	66.3	38.0	13.28	14.46	17.0	Steady
MW-1	0	319	447	140	117	132	87.7	59.2	50.8	52.8	49.1	27.9	19.2	21.56	48.86	13.01	19.23	18.41	12.95	14	21.9	9.39	10.14	6.58	4.13	5.46	5.84	3.6	Decreasing
MW-2	NA	NA	NA	NA	NA	95.6	82	71.5	101	79	96.7	44.0	14.4	58.68	11.82	18	28.9	11.84	14.03	6.8	7.42	5.51	7.38	7.44	10.45	6.26	79.69	148	Steady
MW-3	0	43.4	48.8	312	665	199	192	151	150	109	143	44.0	49.0	45.4	32.2	39.9	133.71	29.31	37.65	7.30	10.70	24.10	10.42	21.83	18.42	84.98	59.45	480.0	Decreasing
MW-4	0	235	48.4	264	211	125	166	127	193	501	96.0	193	201	111.99	113.54	166.63	NA	207.08	143.8	137.03	180.92	110.89	120.71	174.93	119.62	100.85	111.89	158	Steady
MW-5	NA	NA	NA	NA	NA	26.8	7.9	3.5	NA	NA	NA	2.6	0.85	NA	1.5	4.21	0.9	1.1	3	6.4	0	0	0.5	9.65	4.5	0	2.4	7.8	Steady
MW-6	0	0	28.9	Dry	50.4	Dry	38.7	17.4	NA	NA	NA	10.1	5.7	7.62	9.2	4.37	2.51	4	12.6	NA	0	0	0	0	0	29.02	0.45	8.2	Decreasing
MW-7	10.8	18.6	12.7	15.4	10.4	13.5	7.0	9.2	7.3	12.4	9.5	9.6	3.8	4.1	6.07	6.01	6.8	4.65	2.92	2.2	6.5	2.39	2.38	3.68	2.32	2.37	2.17	5.2	Decreasing
MW-8	0	0	0	0	1	0	0	0	280*	5	0.2	0	0	0	0	0.74	0	0	0	0	0	0	3.1	0	0	6	0	3.6	Unknown
MW-10B	NA	48	109	280	291.7	409	122	265	356	131	83.8	121	75.6	71.4	78.86	51.57	62.08	55.71	43.2	48.2	45.19	83.82	35.84	35.82	21.96	36.03	30.19	112	Decreasing
MW-10D	446	646	465	248	481	720	626	911	960	733	824	640	631	287.8	325.2	334.4	407.7	354.5	329.76	343.6	294.2	282.2	302.12	280.5	242.4	211.2	210.14	177	Decreasing
MW-10S	0	38	18	14	11.1	135	158	284	172	217	459	185	327	376.7	452.4	388	377.3	401.8	373.8	234.2	250	157.7	56.96	100.14	120.75	98.26	118.37	32.5	Unknown
MW-11	NA	9.1	68.3	24.4	19.2	33	0	NA	11.8	NA	NA	NA	NA	NA	NA	NA	NA	2.64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Decreasing
MW-14	NA	NA	NA	NA	NA	NA	128	55	72.5	176	64.9	128.8	350	100.9	266.3	142.3	138.7	97.37	194.5	252.9	114.1	140.13	170.76	73.85	144.06	154.23	74.45	47	Decreasing
TW-6	NA	NA	NA	NA	NA	137	91.2	93.2	109	110	234	267	191	8.3	4.35	232.82	12.29	3.7	0.34	2.4	9.4	12.5	8.35	9.7	2.41	97.06	47.17	3.6	Unknown
TW-7	NA	51.4	59.6	78.8	0	40.9	33.3	91.2	11.4	8.3	17.3	24.0	0.83	24.98	3.43	0.34	0.5	0	7.7	3	0	6.29	0	16	2.78	0	11.23	8.3	Decreasing
TW-9	0	0	0	0	0	0	7.4	0	0	0	0.4	0	0	0	0	NA	0	0	0	15.1	NA	143.17	NA	4.2	0	2.2	2.7	0.97	Steady
TW-10R	2913	2286	1229	1071	818	950	659	717	635	760	430	1075	554	460	540	430	331.1	548.1	436.9	130.1	190.4	235.31	462.3	279.34	96.73	64.54	182.22	65.7	Decreasing
TW-11	0	0	0	0	0	0	16.7	0	0	0.34	0	0	0	0	0	0.49	NA	0	0	0	0	0	0	0	0	0	0	3	Steady
TW-12	NA	NA	NA	0	0	0	0	0	0	0.98	0.99	0	0	0	0.74	0.96	0.54	0.61	0	0	0	0.75	0.49	0.31	0	0.39	0.53	0	Steady
TW-13	NA	NA	NA	NA	NA	0	0	0	0	0	0	0	8.3	0	0	0	0.48	0	0	0	0	0	0	0	0	0	0	0	Steady
TW-15	855	636	596	367	279	240	237	179	105	129	83.8	NA	NA	NA	NA	27.37	NA	21.57	49.49	35.83	25.2	14.74	9.85	11.32	7.27	9.14	8.71	11	Decreasing
TW-16	418	323	483	114	19.1	26.8	28.8	32.6	22.1	28.2	37.7	31.8	48.7	47.98	46.92	21.55	26.3	19.36	39.3	29.6	24.17	23.72	27.95	6.75	19.18	10.15	13.78	11	Decreasing
PW-1	0	0	0	0	0	0	0	0	0	1.19 +	0	0	NA	0	0	NA	NA	NA	0	0	0	0	0	0	0	0	0	3.9	Steady
PW-3	0	0	0	0	0	0	9.4	0	NA	1.0	0	0	NA	0	0	NA	NA	NA	0	0	0	0	0	0	0	0	0	0	Steady
PW-264	NA	0	0	0	1.1	0	0	0	0	0	0.47 +	0	0	0	0	0	0	0.55	0	0	0	0	3.9	0	0	0.26	0.32	3.4	Unknown
PW-8 NEW	14.7	15.7	21.6	43.7	8.9	12.1	15.5	18.7	16.1	49.7	NA	14.6	73	191.85	63.07	7.74	NA	NA	33.1	17.85	13.6	158.4	18.9	11.5	15.04	NA	21	17	Steady
PW-8 OLD	NA	315	NA	12.5	18.5	3.5	15	9.9	18.1	2.1	NA	13.5	29.4	17.4	NA	180.43	182.24	4.43	1.99	61.99	12.81	11.07	16.87	9.07	NA	NA	NA	NA	Decreasing
PW-20	83	74.3	69.3	74.3	90.1	107	95.6	87.1	79.9	89.1	91.5	79.4	73.3	85.58	60.3	NA	77.4	80.47	14.4	21.6	14.6	12.37	15.9	9.75	14.9	21.7	18.71	29.8	Decreasing
PW-270	NA	0	0	0	0	0	0	0	8.4	1.0	0	0	NA	0	0	NA	NA	NA	NA	0	9.3	0	0	0	0	0	0	0	Steady
PW-269	NA	0	0	0	0	0	0	0	0.1	1.0	0	0	NA	0	0	NA	NA	NA	NA	NA	0.78	0	0	0	0	0	0	0	Steady
PW-271	0	NA	0	0	0	0	5.1	0	0	0.31 +	0.55 +	0	0	0.77	0	0.51	0	0.98	8.2	0	0	0	3.3	4.1	0	0	0	0	Unknown
PW-51	0	0	0	0	0	0	0	0	0	0	0	0	0	0.28	0	0.57	0	0	0	0	0	0	NA	0	NA	0	0	3	Steady
PW-57	NA	NA	NA	NA	0	0	0	0	0	0	0	0	0	0	0	0.83	0	0	0	0	0	0	3.7	0	0	0	0	0	Unknown
PW-221	NA	0	14.3	19.7	11.3	3.6	9.4	0.6	7.6	0.5	0.96	0.4	0.58	2.7	NA	NA	0	0	0	NA	0	0	4.8	NA	0	0	0	NA	Decreasing
PW-259	0	0	1.8	0	0	0	0	0	7.1	0.95 +	0	0	0	0	0.31	0.51	0	0	0	0	0	0	4.3	0	0	0	3.96	0	Unknown
PW-260	0	0	0	0	0	0	0	0	0.2	0.0	0.62	0	0	0	0	NA	18.4	15.7	13.3	9.9	17.3	0	17.64	18.88	14.46	18.8	15.2	0	Unknown

Notes:
NA = Not Analyzed
-- = No compounds were detected.
(J) = Indicates that value is estimated between LOD and LOQ.
* = Data considered an outlier and not representative of actual site conditions.
If concentrations are zero then trend is displayed for most recent data.

Public Health Groundwater Standards (NR 140; Wisconsin Administrative Code):
ES = Enforceable Standard
PAL = Preventative Action Limit

TABLE 7
Summary of Groundwater Extraction Well Information
Schuster Drive Landfill
West Bend, Wisconsin

INFORMATION AND DEPTHS

Well	North Coord. (1)	East Coord. (1)	Date Installed	Measured Well Depth from TOC (ft)	Depth of Top of Pump from TOC (ft)	Depth of Transducer from TOC (ft)	Static Water Level Below TOC (ft)	Well Slots (for SVE)		Well Screen	
								Slotted Material (5)	Slot Size (5)	Screen Material (5)	Screen Size (5)
EX01A	529102.1	2469749.8	12/12/1991	156.0 (6)	148.0 (6)	143.6 (6)	134.0 (6)	6" BCS	1/4" x 1"	4.875" SST	#30
EX02(11)	529263.1	2469529.5	8/12/1992	155.0 (7)	Removed	Removed	121.6 (4)	6" BCS	1/4" x 6"	6" SST	#30
EX03	528621.6	2469774.5	8/21/1992	111.0 (8)	Removed	Removed	98.6 (8)	6" BCS	1/4" x 6"	6" SST	#30
EX04	527592.8	2469512.0	8/10/1992	66.1 (2)	60.5 (2)	59.4 (3)	38.3 (4)	6" BCS	1/4" x 6"	6" SST	#20
EX05	527587.7	2469648.7	9/11/1992	68.6 (2)	58.5 (2)	69.5 (3)	38.6 (4)	None	None	6" SST	#20
EX06	527616.5	2469364.9	9/09/92	58.0 (8)	Removed	Removed	21.8 (8)	None	None	6" SST	#20
EX07	529132.7	2468948.0	10/21/97	139.9 (10)	122.0 (10)	138.7 (10)	93.65 (10)	None	None	8" SST	#20
EX08	529260	2469540	8/30/00	158.0	153.0	149.7	124.5	None	None	8" SST	#20

ELEVATIONS, MSL

Well	Current Ground Elev. (ft) (1)	Current TOC Elev. (ft) (1)	Installed Well Bottom Elev. (ft) (5)	Measured Well Bottom Elev. (ft)	Top of Pump Elev. (ft)	Transducer Elev. (ft)	Static Water Level Elev. (ft)	Top of Well Slots Elev. (ft) (5)	Bottom of Well Slots Elev. (ft) (5)	Top of Screen Elev. (ft) (5)	Bottom of Screen Elev. (ft) (5)
EX01A	1151.6	1154.21	991.5	998.2 (6)	1006.2 (6)	1010.6 (6)	1020.2 (6)	1079.8	1019.8	1019.8	993.3
EX02	1141.7	1142.63	985.5	987.6 (7)	--	--	1021.0 (4)	1074.5	1015.5	1013.5	988.5
EX03	1113.5	1114.71	1004.8	1003.7 (8)	--	--	1016.1 (8)	1087.8	1029.8	1027.8	1007.8
EX04	1061.2	1062.11	994.9	996.0 (2)	1001.6 (2)	1002.7 (3)	1023.8 (4)	1044.1	1024.9	1015.0	997.9
EX05	1062.0	1062.85	994.1	994.3 (2)	1004.4 (2)	993.4 (3)	1024.3 (4)	None	None	1027.1	997.1
EX06	1061.4	1064.52	1000.5	1006.5 (8)	--	--	1042.7 (8)	None	None	1033.5	1003.5
EX07	1124.5	1126.77	987.5	986.9 (10)	1004.8 (10)	988.1 (10)	1033.1 (10)	None	None	1012.8	992.5
EX08	1141.7	1144.21	985.7	986.2	991.2	994.5	1019.7	None	None	1011.21	991.21

Notes

(1) Information obtained from City survey conducted on February 1, 1995.
(2) Information obtained from City letter dated May 4, 1994.
(3) Information obtained from Staff Electric notes dated August 15, 1994.
(4) Information obtained from City notes dated August 18, 1994.
(5) Information obtained from Extraction Well Construction Diagrams.
(6) Information obtained by the City on May 4, 2000. The transducer from EX02 was removed and installed in EX01A to replace the failed transducer.
(7) Information obtained by the City on June 11, 1997.
(8) Information obtained by the City on January 9, 1996 after redeveloping the wells and installing new pumps in EX03 and EX06.
(9) The pump in EX01A is 49 inches long (Grundfos 5 HP). The pumps in EX04 and EX05 are 38 inches long (Red Jacket 2 HP). The pump in EX03 and EX06 is 30 inches long (Grundfos 1 HP). The pump in EX07 is 70 inches long (Grundfos 7 1/2 HP).
(10) Information obtained by Montgomery Watson following installation of well and equipment on December 12, 1997.
(11) Extraction well EX02 was taken out of service in February 1998 due to sand entering the well and damaging the pump.

TOC = Top of Casing
BCS = Black Carbon Steel
SST = Stainless Steel
SVE = Soil Vapor Extraction
NA = Information is not available

TABLE 8
Estimated Mass Removal for Extraction Wells (2018-2019)
Schuster Drive Landfill
West Bend, Wisconsin

Extraction Well (Active)	Average Concentration of Total VOCs (based on quarterly sampling results)	Totalizer Flow Readings from SCADA		Total Volume of Groundwater Removed	Mass of Total VOCs Removed (based on quarterly averaged concentrations)
		First Rdg of Yr	Last Rdg of Yr		
	(ug/L)	(x 100 Gals.)	(x 100 Gals.)	(gallons)	(pounds)
2018					
EX01A	--	--	--	--	--
EX02	--	--	--	--	--
EX03	--	--	--	--	--
EX04	21.2	377,082	397,252	2,017,000	0.4
EX05	41.4	337,982	371,830	3,384,800	1.2
EX06	--	--	--	--	--
EX07	3,174.8	1,091,397	1,179,480	8,808,300	233.3
EX08	328.5	412,775	476,697	6,392,200	17.5
Summary:	891.5			20,602,300	252.4
2019					
EX01A	--	--	--	--	--
EX02	--	--	--	--	--
EX03	--	--	--	--	--
EX04	19.4	397,648	437,462	3,981,400	0.6
EX05	40.9	372,206	419,819	4,761,300	1.6
EX06	--	--	--	--	
EX07	2,027	1,180,578	1,300,897	12,031,900	203.5
EX08	83.2	477,507	558,526	8,101,900	5.6
Summary:	542.5			28,876,500	211.3

Notes:

"--" indicates extraction well not active at time of monitoring

1. Average total VOCs calculated using an arithmetic mean
2. Range of dates for 2018: Mar-15 to Dec-28
3. Range of dates for 2019: Jan-2 to Jan-31, 2020

TABLE 9
Performance Monitoring VOC Results
2018 - 2019 Biennial Groundwater Monitoring Report
Schuster Drive Landfill - West Bend, Wisconsin

Well:	VOCs (ug/L)	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Total VOCs
	ES	5	70	0.2	NS
	PAL	0.5	7	0.02	NS
MW-10S					
	3/6/2013	109	83.5	<0.18	198
	6/3/2013	83	70.7	<0.37	158
	9/5/2013	134	114	<0.18	254
	12/4/2013	38.3	23.8	<0.18	68
	3/28/2014	67.3	117	<0.18	191
	6/17/2014	24.7	31.1	<0.18	57
	9/3/2014	56.6	56.4	<0.18	117
	12/8/2014	46.6	44.4	0.22 J	94
	3/5/2015	37.9	141	<0.18	184
	6/3/2015	45	51.7	<0.18	100
	9/2/2015	157	115	<0.18	277
	12/3/2015	55.9	40.3	<0.18	100
	3/1/2016	39.7	130	<0.18	176
	6/16/2016	43.7	72.4	<0.18	121
	9/22/2016	51.8	73.6	<0.18	131
	12/28/2016	51.3	84.9	0.31 J	143
	3/2/2017	31.8	93.1	<0.18	130
	6/13/2017	33	60.7	<0.18	98
	9/12/2017	50.1	60.3	<0.18	115
	12/5/2017	64.4	67.6	0.39 J	137
	3/20/2018	51.3	71.7	<0.18	129
	6/19/2018	42.5	70.8	<0.18	118
	9/19/2018	42.8	115	<0.17	166
	12/12/2018	33.3	118	<0.17	160
	3/14/2019	34.3	105	< 0.17	145
	6/4/2019	16.7	8.7	< 0.17	33
	9/25/2019	50.5	97.7	0.35 J	159
	12/12/2019	12.5	162	< 0.17	184
MW-10D					
	3/7/2013	142	123	<0.18	278
	6/3/2013	146	128	<0.37	282
	9/5/2013	125	107	<0.18	237
	12/4/2013	154	133	0.19 J	295
	3/28/2014	141	138	<0.18	287
	6/17/2014	148	140	<0.18	302
	9/3/2014	130	131	<0.18	269
	12/8/2014	134	133	<0.18	275
	3/5/2015	- -	- -	- -	- -
	6/3/2015	137	136	<0.18	281
	9/2/2015	79.3	76.5	<0.18	160
	12/3/2015	134	111	<0.18	253
	3/1/2016	117	106	<0.18	230
	6/16/2016	130	105	<0.18	242
	9/22/2016	119	110	<0.18	237
	12/28/2016	119	105	<0.18	232
	3/2/2017	115	99.5	<0.18	222
	6/13/2017	108	96.1	<0.18	211
	9/12/2017	107	84.6	<0.18	198
	12/5/2017	118	97.9	<0.18	223
	3/20/2018	101	85.8	<0.18	194
	6/19/2018	108	95.5	<0.18	210
	9/19/2018	102	111	<0.17	220
	12/12/2018	94.6	70.7	<0.17	174
	3/14/2019	91.6	83.2	< 0.17	180
	6/4/2019	96.2	76	< 0.17	177
	9/25/2019	99.2	85.2	< 0.17	199
	12/12/2019	103	79.8	< 0.17	189
MW-10B					
	3/6/2013	21.2	16	<0.18	75
	6/3/2013	22.8	17.8	<0.18	84
	9/5/2013	61.5	56.6	<0.18	289
	12/4/2013	1.1	21.1	<0.18	51
	3/28/2014	19.9	13.3	<0.18	33
	6/17/2014	19.8	14.6	<0.18	36
	9/3/2014	19.3	13.4	<0.18	34
	12/8/2014	20	14.9	0.23 J	37
	3/5/2015	21.4	17	<0.18	40
	6/3/2015	20.3	14.3	<0.18	36
	9/2/2015	21.1	11.2	<0.18	33
	12/3/2015	4.1	20.9	<0.18	27
	3/1/2016	1.1	18.6	<0.18	20
	6/16/2016	0.77 J	18.8	0.44 J	22
	9/22/2016	16.2	11.7	<0.18	29
	12/28/2016	4.1	10	0.83 J	16
	3/2/2017	2.9	14	1.6	19
	6/13/2017	18.9	14.7	<0.18	36
	9/12/2017	5.3	11.6	1.1	19
	12/5/2017	3.4	13.8	0.38 J	19
	3/20/2018	1.4	16.7	1.2	20
	6/19/2018	16.8	12	<0.18	30
	9/19/2018	16.3	13.8	<0.17	31
	12/12/2018	16.4	10.2	<0.17	32
	3/14/2019	13	11.2	< 0.17	25
	6/4/2019	16.2	8.9	< 0.17	32
	9/25/2019	17.1	10.7	< 0.17	29
	12/12/2019	17.4	9.4	< 0.17	28

Notes:
VOCs = Volatile Organic Compounds
NS = No Standard
ES = NR-140 Enforcement Standard
PAL = NR-140 Preventive Action Limit

TABLE 9
Performance Monitoring VOC Results
2018 - 2019 Biennial Groundwater Monitoring Report
Schuster Drive Landfill - West Bend, Wisconsin

Well:	VOCs (ug/L)	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Total VOCs
	ES	5	70	0.2	NS
	PAL	0.5	7	0.02	NS
TW-15					
	3/6/2013	3.5	2	<0.18	11
	6/4/2013	4.2	2.1	<0.18	15
	9/5/2013	4.8	1.3	<0.18	14
	12/4/2013	3.6	0.9 J	<0.18	9.6
	3/28/2014	3.4	1.4	<0.18	10
	6/19/2014	3.7	0.68 J	<0.18	9.9
	9/3/2014	4.1	0.6 J	<0.18	11
	12/8/2014	4.6	0.69 J	<0.18	13
	3/5/2015	4.7	0.61 J	<0.18	13
	6/3/2015	4.2	0.36 J	<0.18	11
	9/2/2015	4.4	0.29 J	<0.18	11
	12/3/2015	3.6	0.43 J	<0.18	9.5
	3/1/2016	2.5	0.36 J	<0.18	6.2
	6/15/2016	3.3	<0.26	<0.18	7.3
	9/22/2016	3.4	<0.26	<0.18	8.9
	12/28/2016	3.1	0.29 J	<0.18	8.4
	3/2/2017	3.3	<0.26	<0.18	8.1
	6/13/2017	3.9	<0.26	<0.18	9.1
	9/12/2017	3.2	<0.26	<0.18	8.8
	12/5/2017	3.3	0.31 J	<0.18	10
	3/20/2018	3.2	0.29 J	<0.18	8.7
	6/19/2018	3.4	<0.26	<0.18	8.7
	9/19/2018	3.2	0.34 J	<0.17	9.6
	12/12/2018	2.7	<0.27	<0.17	7.5
	3/14/2019	2.5	< 0.27	< 0.17	7.8
	6/4/2019	2.8	< 0.27	< 0.17	11
	9/25/2019	2.7	< 0.27	< 0.17	8.5
	12/12/2019	2.5	< 0.27	< 0.17	7.5
EX-04					
	3/6/2013	- -	- -	- -	- -
	6/4/2013	1.4	0.57 J	<0.18	2.0
	9/5/2013	3.8	8.6	1.5	15
	12/4/2013	25.4	19	<0.18	51
	3/28/2014	18.9	11.2	<0.18	31
	6/19/2014	2.5	0.9 J	<0.18	3.4
	9/3/2014	22.1	14.5	<0.18	43
	12/8/2014	28.1	22.3	<0.18	53
	3/5/2015	28.8	30.8	<0.18	63
	6/3/2015	24.3	19.6	<0.18	45
	9/2/2015	29.1	19.9	<0.18	51
	12/3/2015	25.8	21.1	<0.18	49
	3/1/2016	16.6	9.7	<0.18	28
	6/16/2016	18	10.9	<0.18	30
	9/22/2016	15.6	9.7	<0.18	26
	12/28/2016	16.6	4.8	<0.18	23
	3/2/2017	16.8	41.8	<0.18	60
	6/12/2017	17.8	106	3.9	130
	9/12/2017	14.2	104	6.1	127
	12/5/2017	17.9	127	1.7	153
	3/20/2018	16.3	5.3	<0.18	22
	6/21/2018	15.4	6.6	<0.18	23
	9/19/2018	12.6	4.2	<0.17	17
	12/12/2018	14.9	3.3	<0.17	22
	3/14/2019	15.6	5.1	< 0.17	21
	6/6/2019	12.1	3.4	< 0.17	16
	9/25/2019	16	7	0.91 J	25
	12/12/2019	10.8	3.4	< 0.17	15
EX-05					
	3/7/2013	- -	- -	- -	- -
	6/3/2013	- -	- -	- -	- -
	9/5/2013	5.3	22.7	2.6	32
	12/4/2013	31.9	41.8	<0.18	78
	3/28/2014	29.3	58.1	<0.18	90
	6/19/2014	29.6	58.9	<0.18	92
	9/3/2014	39.6	81.3	<0.18	126
	12/8/2014	24.2	19.1	<0.18	46
	3/5/2015	28.3	29.5	<0.18	61
	6/3/2015	22.8	46.9	8.7	80
	9/2/2015	27.8	42.4	4.5	77
	12/3/2015	23.7	46.2	12.8	85
	3/1/2016	15.1	49.3	14.6	81
	6/16/2016	16.5	65.4	24.6	108
	9/22/2016	9.5	82.1	22	117
	12/22/2016	17.5	185	7.6	215
	3/2/2017	17.1	176	4.9	202
	6/12/2017	19	181	6	210
	9/12/2017	15.7	160	20	200
	12/5/2017	15.9	137	24	180
	3/20/2018	20.9	15.9	<0.18	40
	6/21/2018	22.1	17.7	<0.18	43
	9/19/2018	22.2	18.6	<0.17	43
	12/12/2018	22	14.3	<0.17	39
	3/14/2019	21.7	17.2	< 0.17	41
	6/6/2019	17.1	14.7	< 0.17	34
	9/25/2019	20.6	20	< 0.17	44
	12/12/2019	22.3	19.5	< 0.17	45

Notes:
VOCs = Volatile Organic Compounds
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PAL = NR-140 Preventive Action Limit

TABLE 9
Performance Monitoring VOC Results
2018 - 2019 Biennial Groundwater Monitoring Report
Schuster Drive Landfill - West Bend, Wisconsin

Well:	VOCs (ug/L)	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Total VOCs
	ES	5	70	0.2	NS
	PAL	0.5	7	0.02	NS
EX-07					
	3/6/2013				
	6/4/2013	6.8	92.7	151	467
	9/5/2013	10.2	563	1060	1775
	12/4/2013	<14.6	2350	3500	5935
	3/28/2014	9.4 J	977	844	2481
	6/19/2014	<13.2	2450	1610	4769
	9/3/2014	9.4 J	2250	1400	4188
	12/8/2014	<13.2	1650	854	2900
	3/5/2015	12.8	1300	554	2260
	6/3/2015	14.9	757	280	1187
	9/2/2015	13.8	655	270	1035
	12/3/2015	8.2	54.5	43	110
	3/1/2016	9.5 J	971	649	1909
	6/17/2016	14.1 J	1860	1120	3360
	9/22/2016	11 J	1570	813	2699
	12/28/2016	- -	- -	- -	- -
	3/2/2017	- -	- -	- -	- -
	6/13/2017	- -	- -	- -	- -
	9/12/2017	- -	- -	- -	- -
	12/5/2017	- -	- -	- -	- -
	3/20/2018	8.3	2780	2080	5892
	6/21/2018	4.8	1410	570	2432
	9/19/2018	5	1630	629	2796
	12/12/2018	5.4	767	536	1579
	3/14/2019	6.6	380	143	576
	6/6/2019	< 6.4	1490	720	2460
	9/25/2019	7.6 J	1750	621	2407
	12/12/2019	9	1550	574	2659
EX-08					
	3/6/2013	- -	- -	- -	- -
	6/4/2013	5.8	49.7	79.3	223
	9/5/2013	1.7 J	196	253	476
	12/4/2013	6.2 J	965	1430	2471
	3/28/2014	4.2	<0.26	<0.18	4.8
	6/19/2014	5.3	0.57 J	<0.18	189
	9/3/2014	6.5	2.9	<0.18	21
	12/8/2014	8.7	5.5	0.39 J	17
	3/5/2015	6.7	3.1	<0.18	12
	6/3/2015	7.4	2.2	<0.18	12
	9/2/2015	- -	- -	- -	- -
	12/3/2015	7.3	2.1	0.19 J	12
	3/14/2016	7.1	1.2	<0.18	28
	6/16/2016	7.1	1.5	<0.18	10
	9/22/2016	7.2	1.4	<0.18	10
	12/28/2016	- -	- -	- -	- -
	3/2/2017	- -	- -	- -	- -
	6/13/2017	- -	- -	- -	- -
	9/12/2017	- -	- -	- -	- -
	12/5/2017	- -	- -	- -	- -
	3/20/2018	5	0.32 J	<0.18	6.8
	6/21/2018	7.3	1.5	0.8 J	284
	9/19/2018	5.7 J	3.8 J	<1.7	876
	12/12/2018	6.5	0.64 J	<1.7	148
	3/14/2019	6.1	0.7 J	< 0.17	8.0
	6/6/2019	5.8	0.72 J	< 0.17	7.6
	9/25/2019	7.1	4.2	0.36 J	305
	12/12/2019	6.9	3.9	0.26 J	12

Notes:
VOCs = Volatile Organic Compounds
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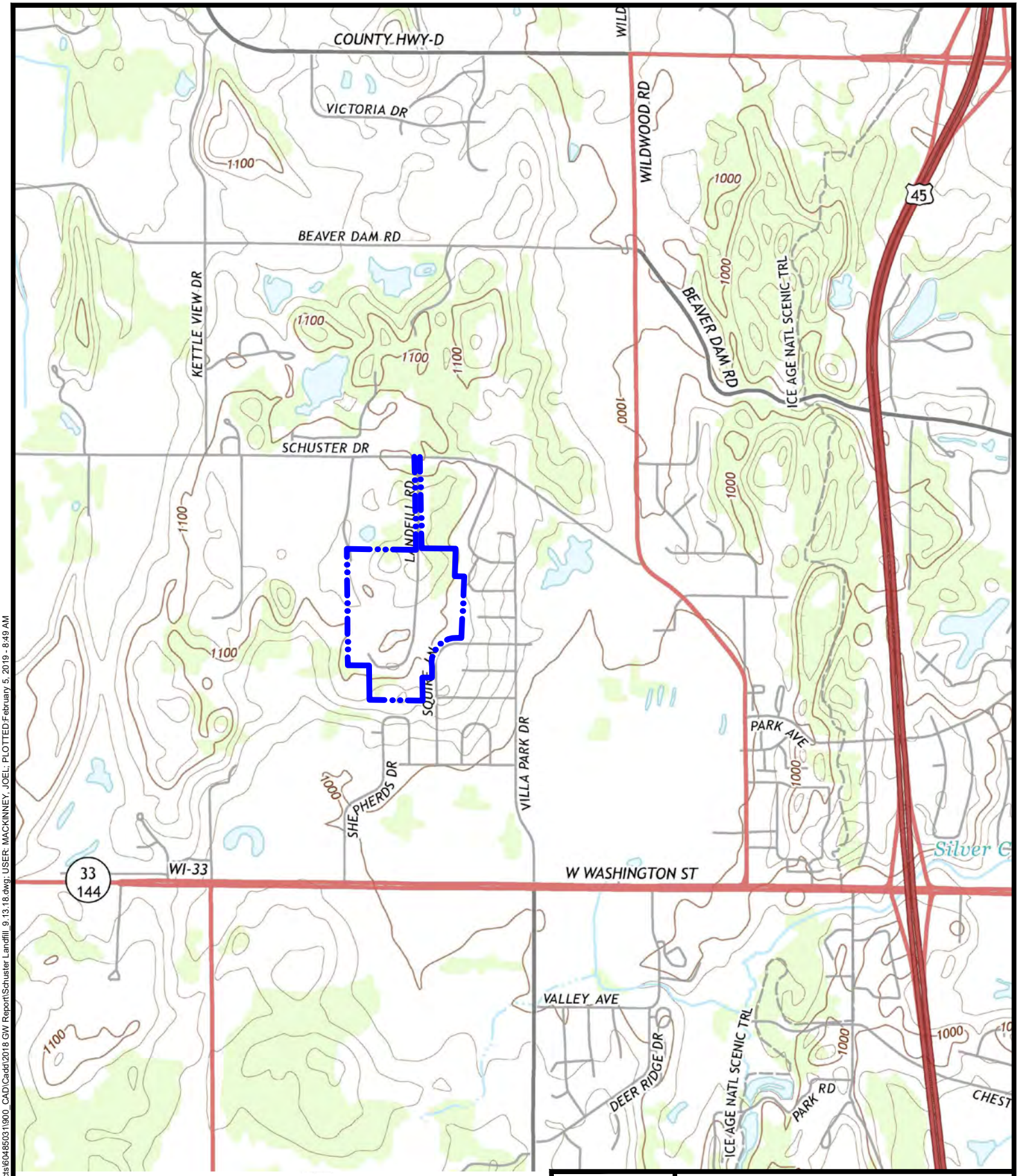
PAL = NR-140 Preventive Action Limit

Figures



1000 2000 3000 4000 5000 6000 7000

SCALE IN FEET

LEGEND

APPROXIMATE CITY PROPERTY LINE

NOTES

TOPOGRAPHIC MAP FROM USGS STORE; WEST BEND QUADRANGLE, DATED 2013

AECOM
Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

AECOM

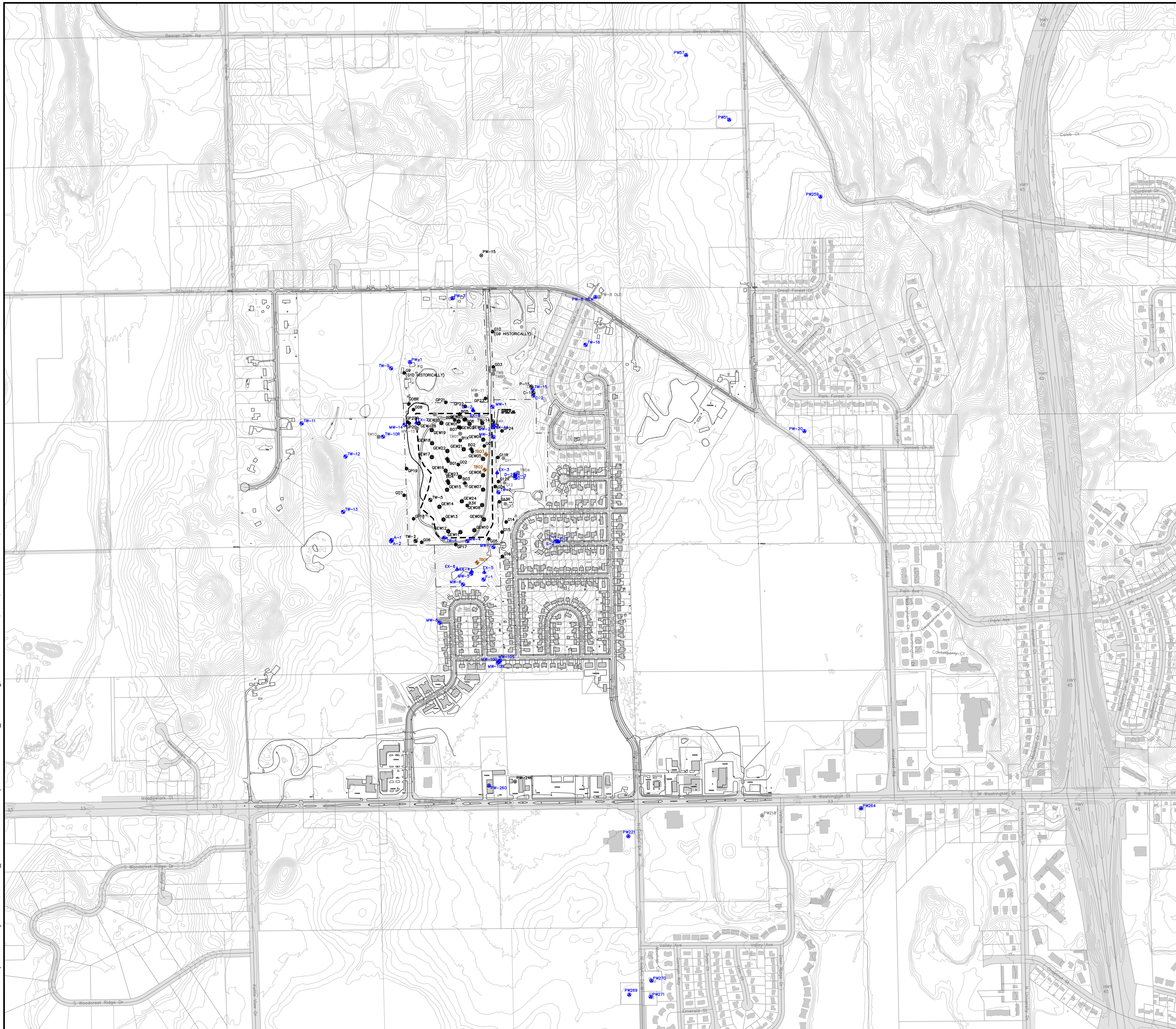
SCHUSTER DRIVE LANDFILL
CITY OF WEST BEND
WASHINGTON COUNTY, WISCONSIN

SITE LOCATION

GROUNDWATER MONITORING REPORT

Project Number:	Drawn By:	Date:	Figure No. 1
60485031	SAE	2/4/2019	

File: \\USMWK1FS001\prod\Data\Projects\60485031\900_CAD\Cadd\2018 GW Report\Schuster Landfill_9.13.18.dwg; USER: MACKINNEY, JOEL; PLOTTED:February 5, 2019 - 8:49 AM



LEGEND

1010	TOPOGRAPHIC CONTOUR
	BUILDING
PW03	PRIVATE WELL LOCATION AND NUMBER
B01	LEACHATE HEAD WELL LOCATION AND NUMBER
G11R	GAS PROBE LOCATION AND NUMBER
G11	ABANDONED GAS PROBE LOCATION AND NUMBER
MW01	MONITORING WELL LOCATION AND NUMBER
TW02	UNUSED MONITORING WELL LOCATION AND NUMBER
TW01	ABANDONED MONITORING WELL LOCATION AND NUMBER
EX01A	GROUNDWATER EXTRACTION WELL LOCATION AND NUMBER
EX01	ABANDONED GROUNDWATER EXTRACTION WELL LOCATION AND NUMBER
GEW23	GAS EXTRACTION WELL LOCATION AND NUMBER
TB01	EXPLORATORY BORING AND GROUNDWATER PROFILING LOCATION AND NUMBER
PW-15	PRIVATE WELL LOCATION USED FOR FIGURE 11 CROSS SECTION
	APPROXIMATE CITY PROPERTY LINE
	PREVIOUS LIMITS OF REFUSE
	APPROXIMATE LIMITS OF REFUSE
	PERIMETER ACCESS ROAD
	PROPERTY PARCEL BOUNDARY

NOTES

1. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1983. HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATES.
2. TOPOGRAPHIC CONTOUR INTERVAL IS 10 FEET.
3. PROPERTY BOUNDARY INFORMATION WAS PROVIDED BY CITY OF WEST BEND, JUNE 1995, FEBRUARY 1998, MARCH 2019.
4. TOPOGRAPHIC BASE MAP WAS DEVELOPED FROM 2015 LiDAR DATA. CONTOURS WERE OBTAINED FROM THE "WASHINGTON COUNTY GIS DATA DOWNLOAD" WEBPAGE.

N

0' 250' 500' 1000'
SCALE

AECOM
Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

SCHUSTER DRIVE LANDFILL
CITY OF WEST BEND
WASHINGTON COUNTY, WISCONSIN

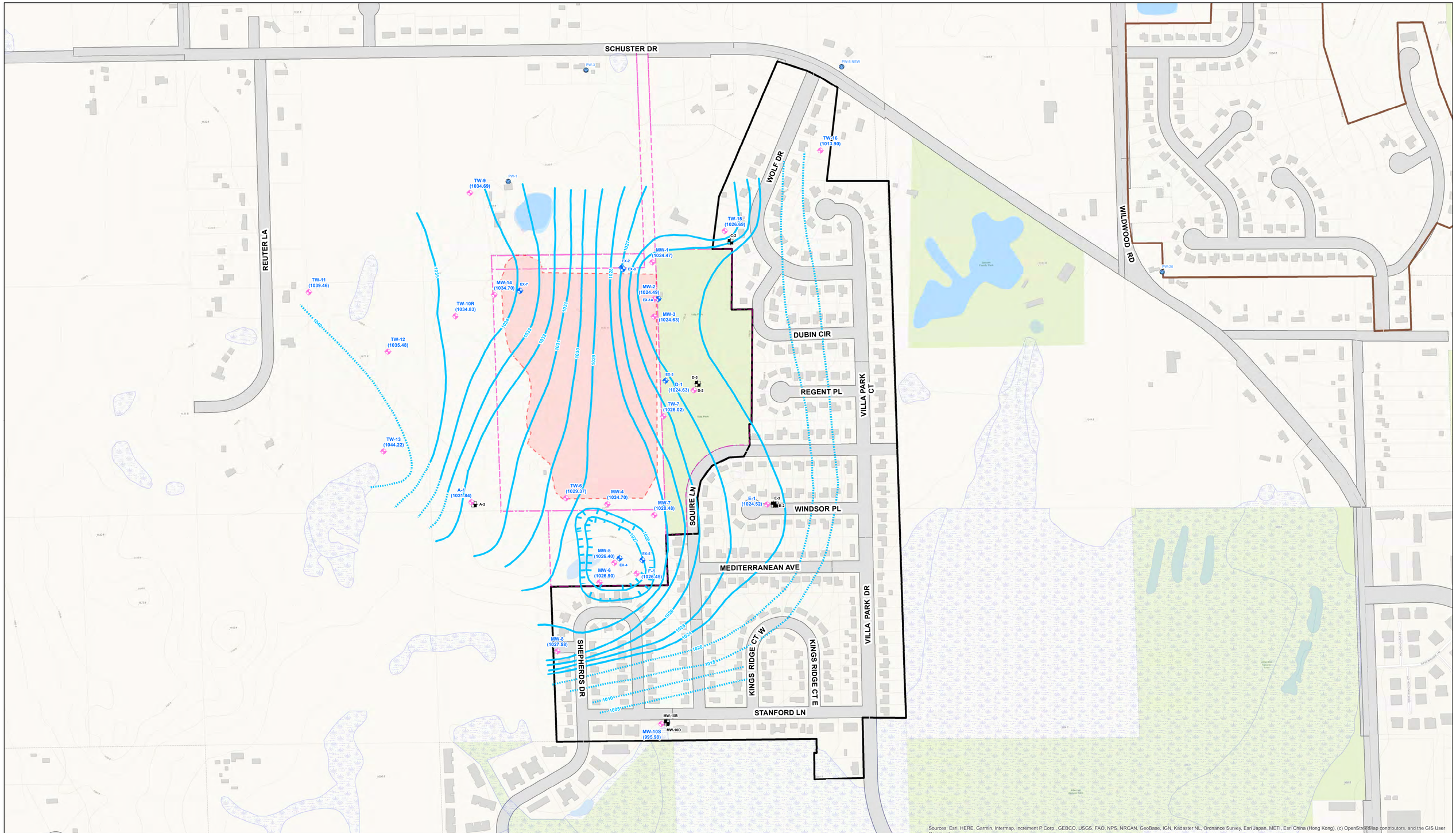
SITE FEATURES

GROUNDWATER MONITORING REPORT

AECOM

Project Number: 60485031 | Drawn By: JSM | Date: 3/5/2019 | Figure No. 2

File: \\USMWK1FS001\prod\Data\Projects\60485031\900_CAD\Cadd\2018 GW Report\Schuster Landfill_02.27.19.dwg; USER: MACKINNEY, JOEL; PLOTTED:March 5, 2019 - 8:44 AM



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Legend

- Monitoring Well With Water Level Measured
- Extraction Well/Boring Location
- Monitoring Well/Boring Location
- Private Well Location
- June 2018 Groundwater Elevation Contour
- June 2018 Groundwater Elevation Inferred Contour
- June 2018 Groundwater Elevation Inward Contour
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Glacial Aquifer.
   -Private wells with unknown screen information: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Groundwater elevations were taken on June 12, 19, 20 and 21, 2018.
3. MSL = Mean See Level

N

0 125 250 500 Feet

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Milwaukee Office
1555 River Center Dr
Milwaukee WI

AECOM

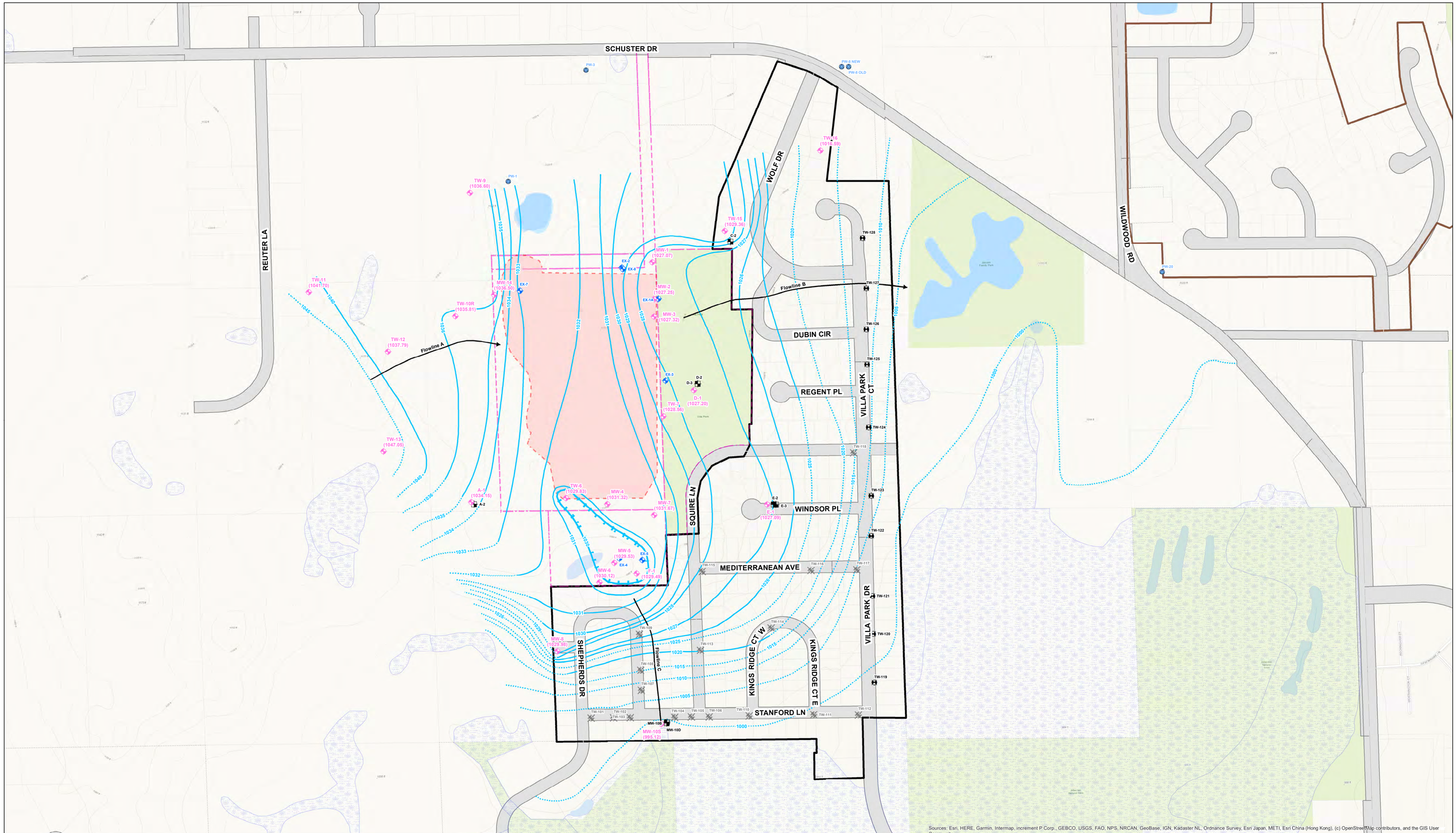
WATER TABLE MAP, SHALLOW GLACIAL AQUIFER (2018)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No.
60135471

Date:
February 2021

FIGURE 3A



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Legend

- Monitoring Well With Water Level Measured
- Extraction Well/Boring Location
- Monitoring Well/Boring Location
- Private Well Location
- Temporary Well/Boring Location
- Abandoned Temporary Well/Boring Location
- Groundwater Flowline
- Groundwater Elevation Inferred Contour (Feet MSL)
- Groundwater Elevation Inward Contour (Feet MSL)
- Groundwater Elevation Contour (Feet MSL)
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Glacial Aquifer.
   -Private wells with unknown screen information: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Groundwater elevations were taken on June 4, 5, and 6, 2019.
3. MSL = Mean See Level

N

0 125 250 500 Feet

AECOM
Milwaukee Office
1555 River Center Dr
Milwaukee WI

AECOM

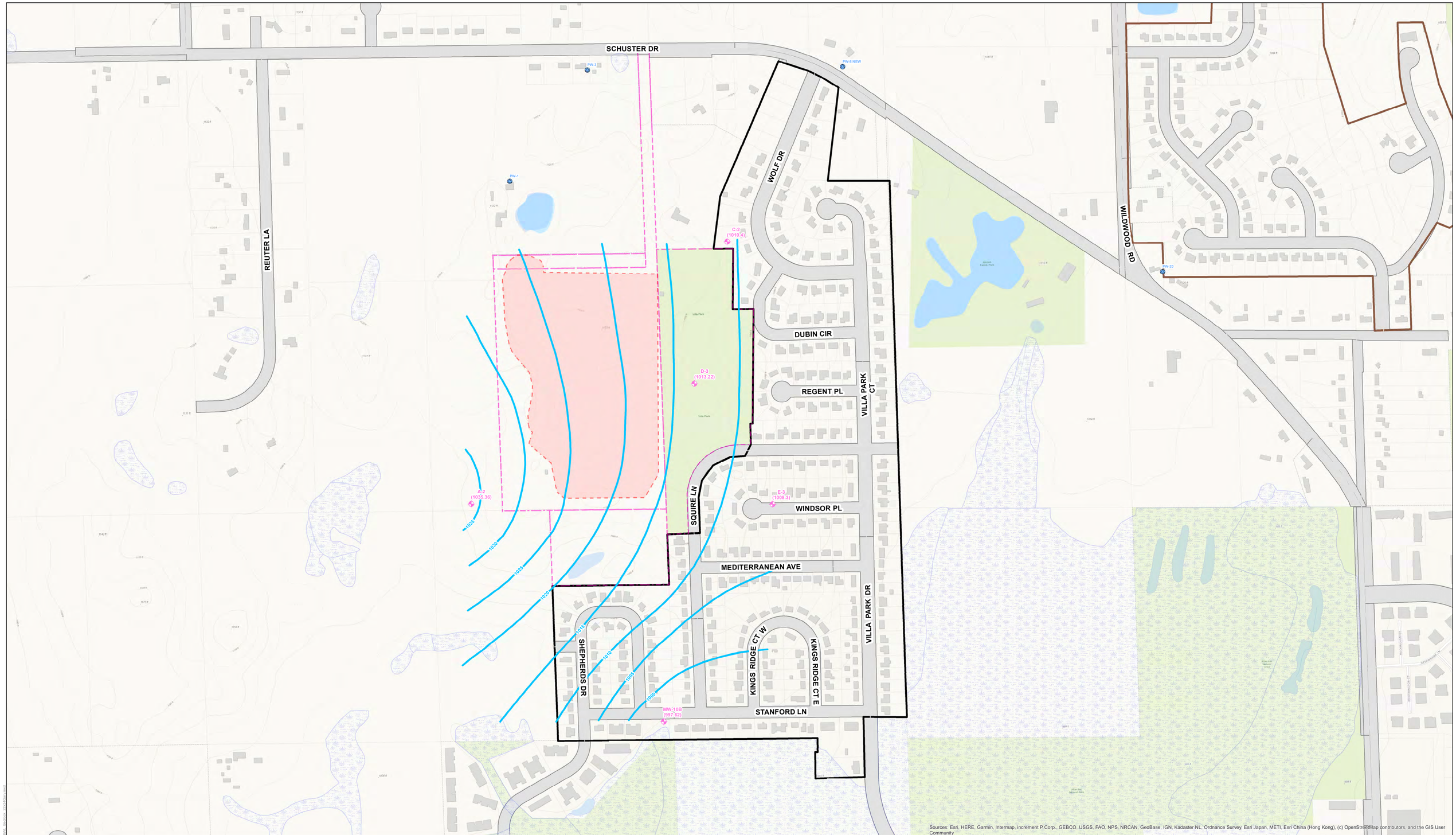
WATER TABLE MAP, SHALLOW GLACIAL AQUIFER (2019)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No. 60135471

Date: March 2020

FIGURE 3B



Legend

- Monitoring Well With Water Level Measured
- Private Well Location
- June 2018 Groundwater Elevation Contour
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Bedrock Aquifer.
   -Private wells with unknown screen information: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Groundwater elevations were taken on June 12, 19, 20 and 21, 2018.
3. MSL = Mean See Level

N

0 125 250 500 Feet

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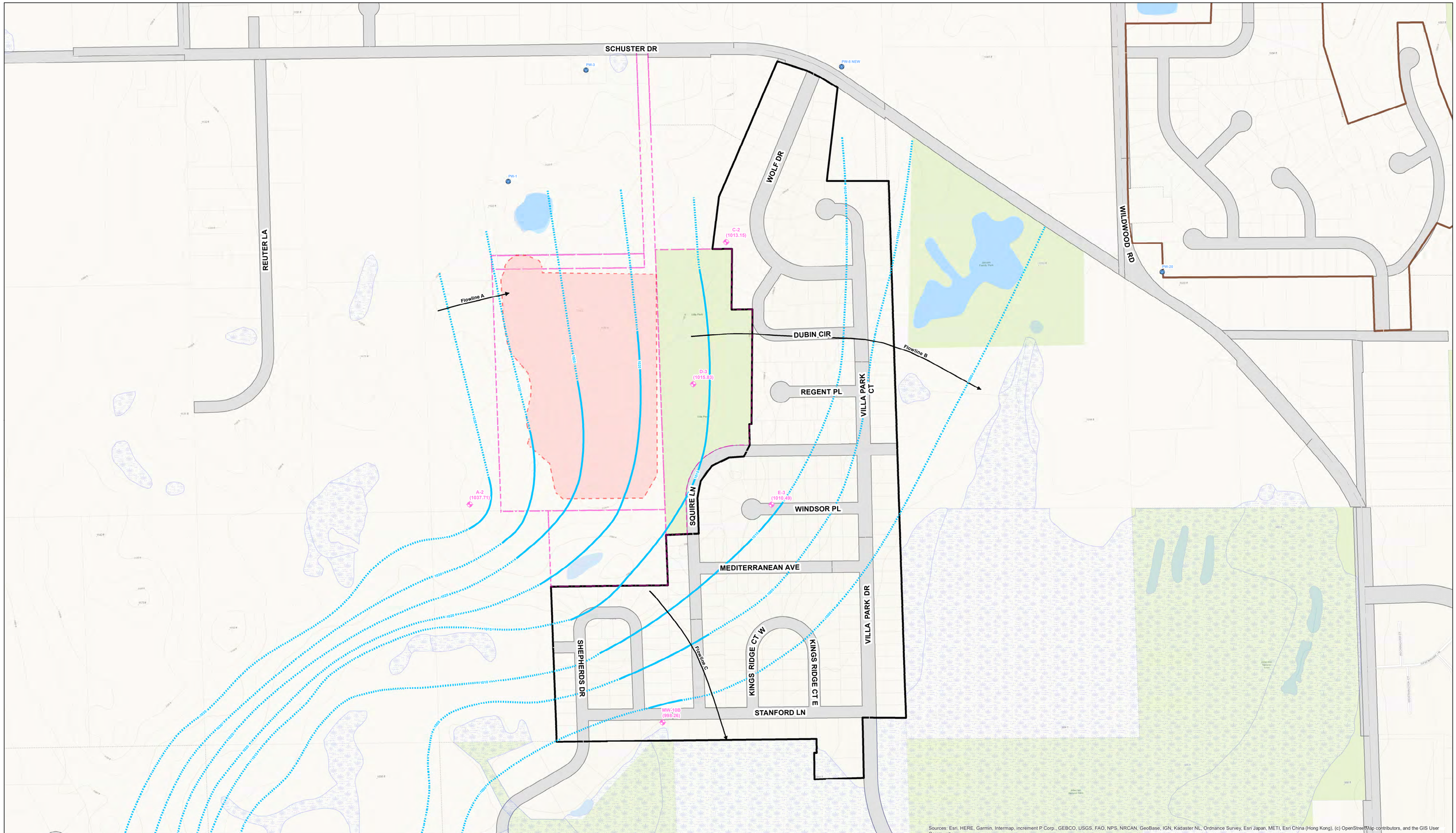
POTENIOMETRIC MAP, DEEP BEDROCK AQUIFER (2018)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No.
60135471

Date:
February 2021

FIGURE 4A



Legend

- Monitoring Well With Water Level Measured
- Private Well Location
- Groundwater Flowline
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland
- Groundwater Elevation Contours (Feet MSL)
- Groundwater Elevation Inferred Contour (Feet MSL)

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Bedrock Aquifer.
   -Private wells with unknown screen information: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Groundwater elevations were taken on June 4, 5, and 6, 2019.
3. MSL = Mean See Level

N

0 125 250 500 Feet

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POTENIOMETRIC MAP, DEEP BEDROCK AQUIFER (2019)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

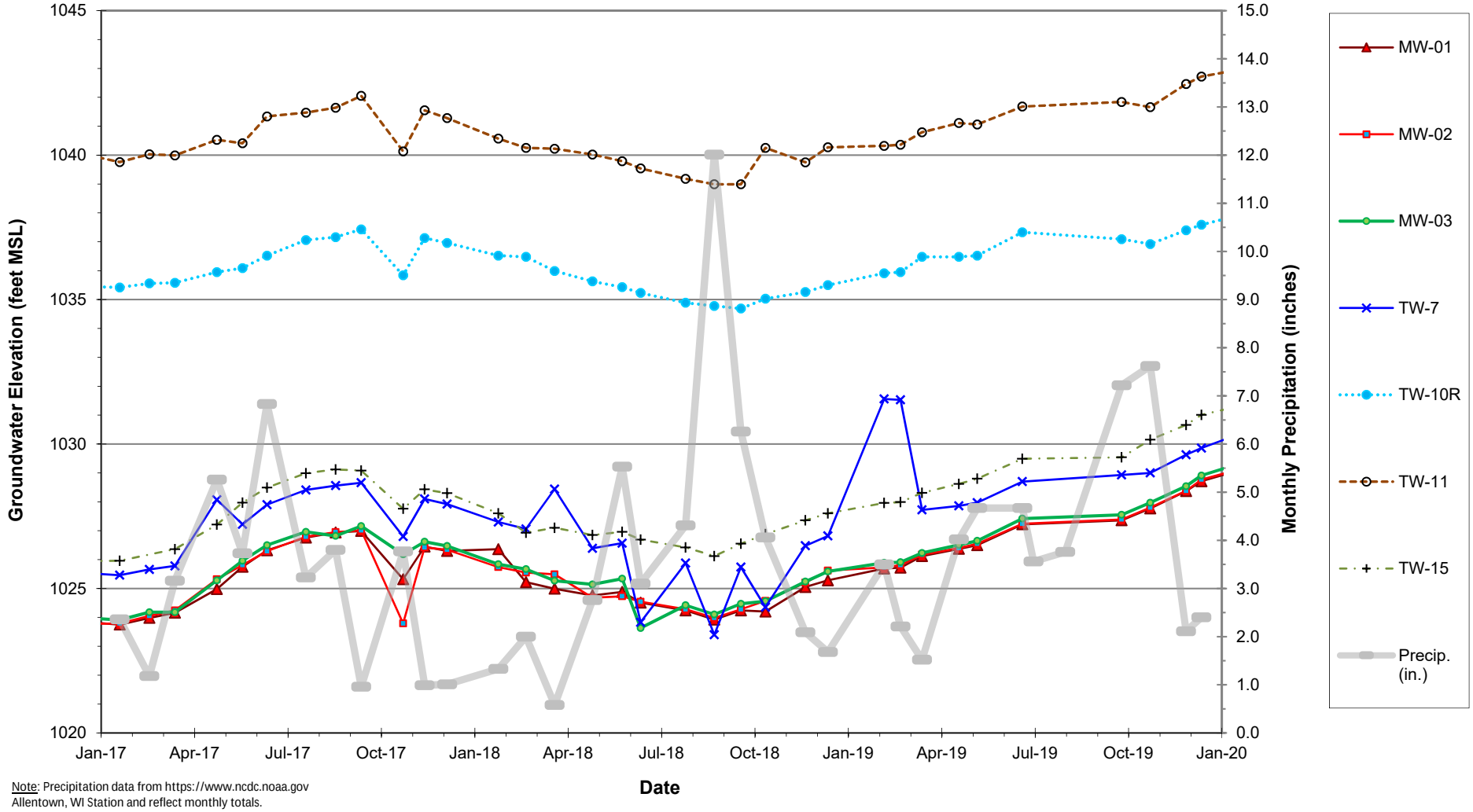
Project No. 60135471

Date: March 2020

FIGURE 4B

Figure 5: Groundwater Elevation Hydrograph - East Side

Schuster Drive Landfill
West Bend, Wisconsin

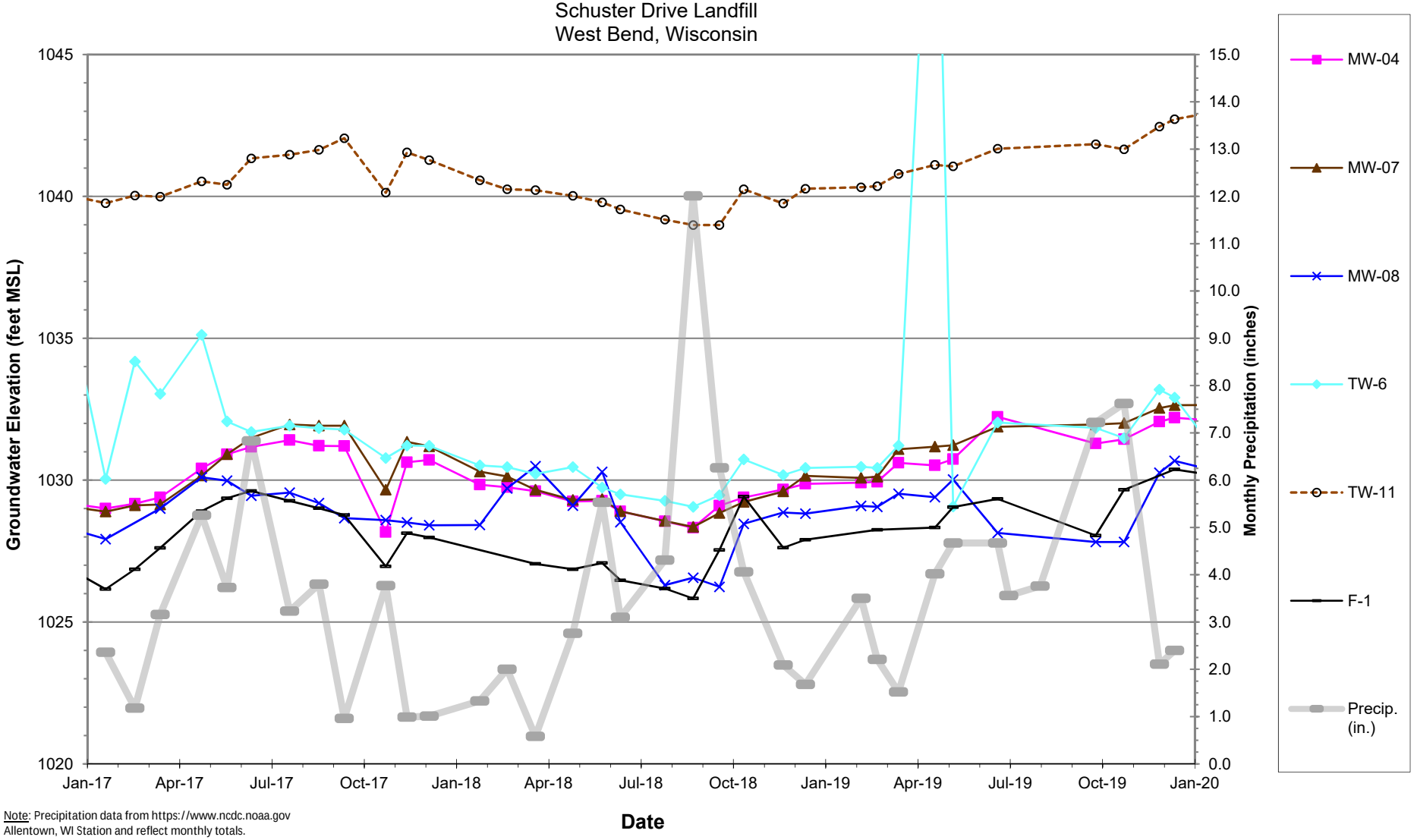


Note: Precipitation data from https://www.ncdc.noaa.gov
Allentown, WI Station and reflect monthly totals.

C:\Directory\Projects\Active\WI_SchusterLF\2020\2018_AR\Tables\GW Elev Data + hydrographs.xlsx

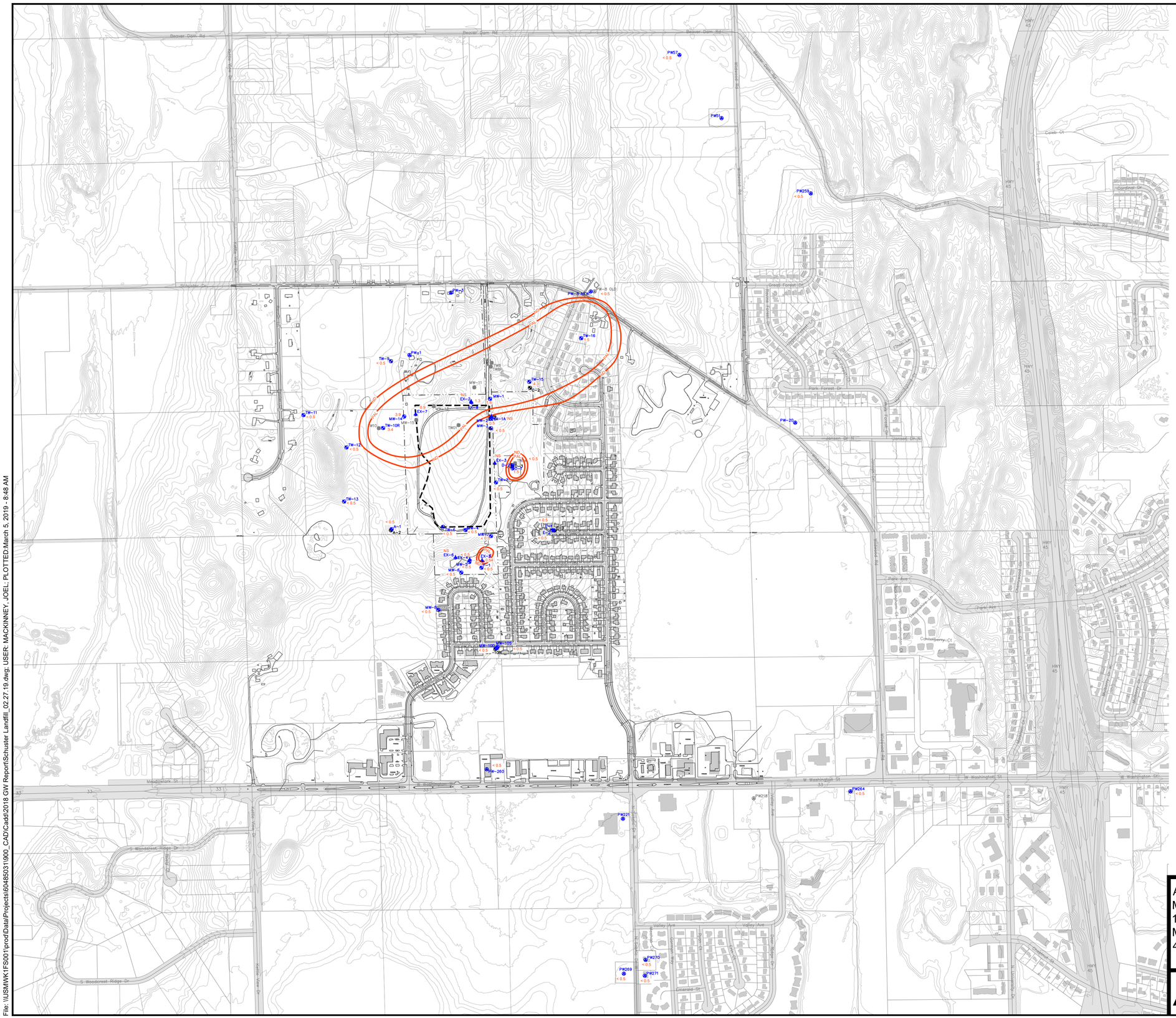
Figure 6: Groundwater Elevation Hydrograph - South Side

2018-2019 Groundwater Monitoring Report
Schuster Drive Landfill
West Bend, Wisconsin



Note: Precipitation data from https://www.ncdc.noaa.gov
Allentown, WI Station and reflect monthly totals.

C:\Directory\Projects\Active\WI_SchusterLF\2020\2018_AR\Tables\GW Elev Data + hydrographs.xlsx



LEGEND

- TOPOGRAPHIC CONTOUR (1010)
- BUILDING
- PW03 — PRIVATE WELL LOCATION AND NUMBER
- MW01 — MONITORING WELL LOCATION AND NUMBER
- TW01 — ABANDONED MONITORING WELL LOCATION AND NUMBER
- EX01A — GROUNDWATER EXTRACTION WELL LOCATION AND NUMBER
- APPROXIMATE CITY PROPERTY LINE
- PREVIOUS LIMITS OF REFUSE
- APPROXIMATE LIMITS OF REFUSE
- PERIMETER ACCESS ROAD
- PROPERTY PARCEL BOUNDARY
- 0.5 — TETRACHLOROETHYLENE (PCE) ISOCONCENTRATION CONTOURS
- 0.75 — TETRACHLOROETHYLENE (PCE) CONCENTRATION (UG/L)

NOTES

1. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1983. HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATES.
2. TOPOGRAPHIC CONTOUR INTERVAL IS 10 FEET.
3. PROPERTY BOUNDARY INFORMATION WAS PROVIDED BY CITY OF WEST BEND, JUNE 1995, FEBRUARY 1998, AND MARCH 2019
4. TOPOGRAPHIC BASE MAP WAS DEVELOPED FROM 2015 LiDAR DATA. CONTOURS WERE OBTAINED FROM THE "WASHINGTON COUNTY GIS DATA DOWNLOAD" WEBPAGE.
5. "PW-8 OLD" RESULT IS FROM 6/9/2015. "PW-260" RESULT IS FROM 6/3/2013. ALL OTHER RESULTS FROM JUNE 2018.
6. <0.5 = NOT DETECTED (REPORTING LIMIT SHOWN)
7. NS = NOT SAMPLED
8. ISOCONCENTRATION CONTOURS WERE SELECTED BASED ON THE CHAPTER NR 140, WATER QUALITY STANDARDS AS FOLLOWS:

   ES = 5.0 ug/L

   PAL = 0.5 ug/L

   ND = SAMPLE RESULT IS LESS THAN OR EQUAL TO THE REPORTING LIMIT
9. ISOCONCENTRATION CONTOUR LINES ARE APPROXIMATED BASED ON ANALYTICAL RESULTS.

0' 250' 500' 1000'
SCALE

N

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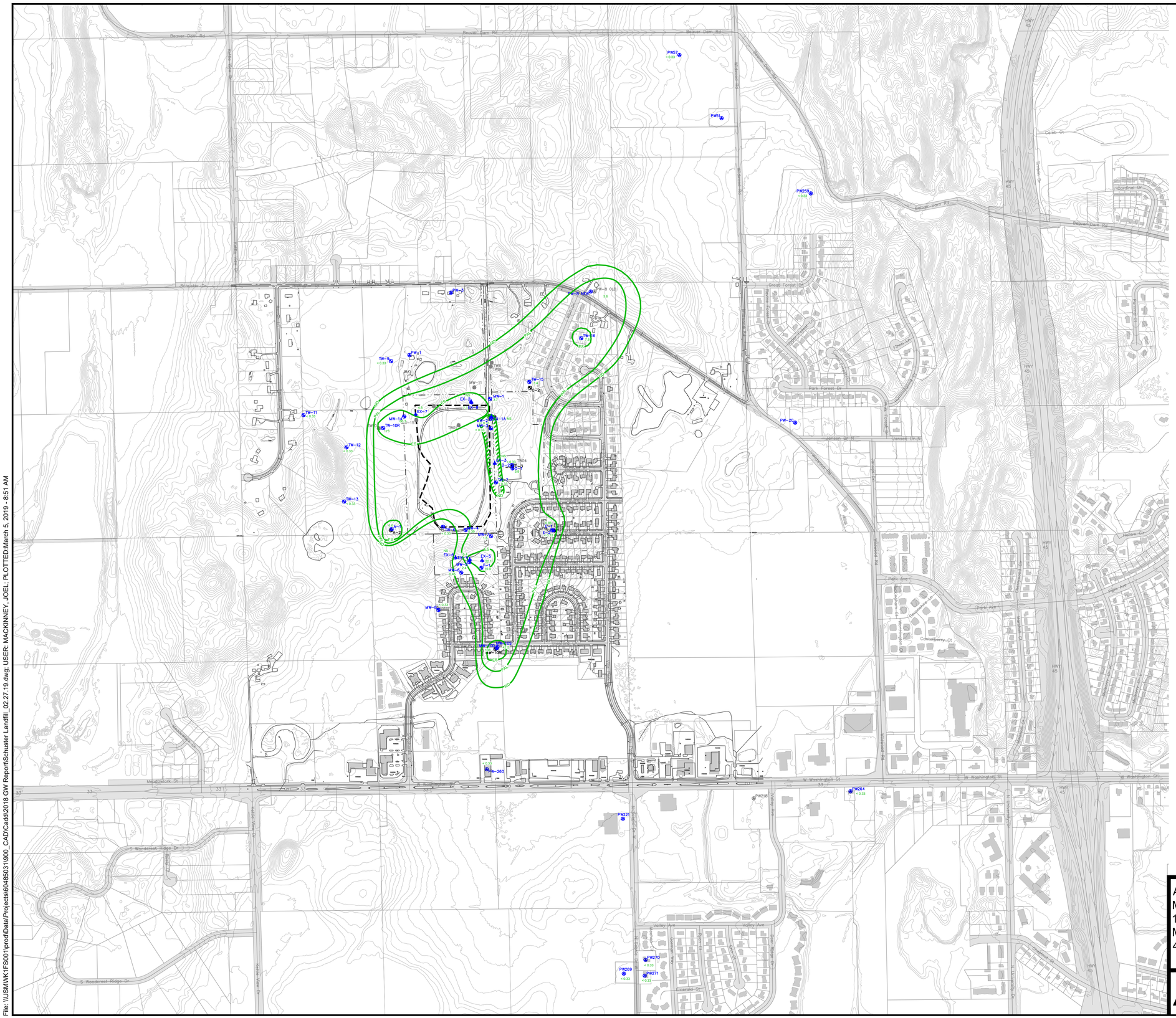
CITY OF WEST BEND
WASHINGTON COUNTY, WISCONSIN

PCE IN THE GLACIAL AQUIFER (2018)

GROUNDWATER MONITORING REPORT

Project Number:	Drawn By:	Date:	Figure No. 7
60485031	JSM	3/5/2019	

File: \\USMWK1FS001\prod\Data\Projects\60485031\900_CAD\Cadd\2018 GW Report\Schuster Landfill_02.27.19.dwg; USER: MACKINNEY, JOEL; PLOTTED:March 5, 2019 - 8:48 AM



LEGEND

- 1010 — TOPOGRAPHIC CONTOUR
- BUILDING
- PW03 — PRIVATE WELL LOCATION AND NUMBER
- MW01 — MONITORING WELL LOCATION AND NUMBER
- TW01 — ABANDONED MONITORING WELL LOCATION AND NUMBER
- EX01A — GROUNDWATER EXTRACTION WELL LOCATION AND NUMBER
- APPROXIMATE CITY PROPERTY LINE
- PREVIOUS LIMITS OF REFUSE
- APPROXIMATE LIMITS OF REFUSE
- PERIMETER ACCESS ROAD
- PROPERTY PARCEL BOUNDARY
- 10 — TRICHLOROETHYLENE (TCE) ISOCONCENTRATION CONTOUR
- 4.7 — TRICHLOROETHYLENE (TCE) CONCENTRATION (UG/L)

NOTES

1. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1983. HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATES.
2. TOPOGRAPHIC CONTOUR INTERVAL IS 10 FEET.
3. PROPERTY BOUNDARY INFORMATION WAS PROVIDED BY CITY OF WEST BEND, JUNE 1995, FEBRUARY 1998, AND MARCH 2019
4. TOPOGRAPHIC BASE MAP WAS DEVELOPED FROM 2015 LiDAR DATA. CONTOURS WERE OBTAINED FROM THE "WASHINGTON COUNTY GIS DATA DOWNLOAD" WEBPAGE.
5. "PW-8 OLD" RESULT IS FROM 6/9/2015. "PW-260" RESULT IS FROM 6/3/2013. ALL OTHER RESULTS FROM JUNE 2018.
6. <0.33 = NOT DETECTED (REPORTING LIMIT SHOWN)
7. NS = NOT SAMPLED
8. ISOCONCENTRATION CONTOURS WERE SELECTED BASED ON THE CHAPTER NR 140, WATER QUALITY STANDARDS AS FOLLOWS:

   ES = 5.0 ug/L

   PAL = 0.5 ug/L

   ND = SAMPLE RESULT IS LESS THAN OR EQUAL TO THE REPORTING LIMIT
9. ISOCONCENTRATION CONTOUR LINES ARE APPROXIMATED BASED ON ANALYTICAL RESULTS.

0' 250' 500' 1000'
SCALE

N

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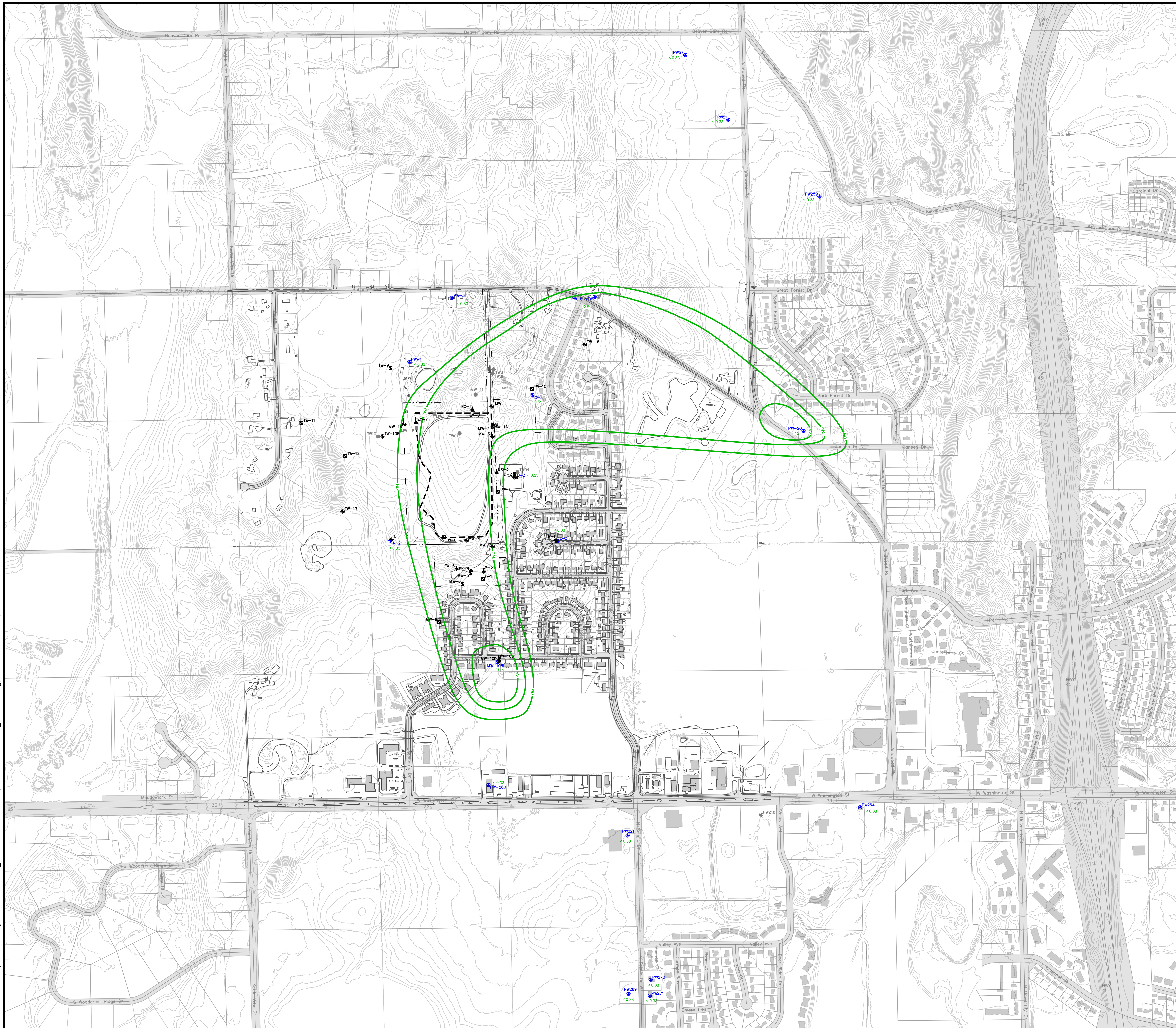
WASHINGTON COUNTY, WISCONSIN

TCE IN THE GLACIAL AQUIFER (2018)

GROUNDWATER MONITORING REPORT

Project Number:	Drawn By:	Date:	Figure No. 8
60485031	JSM	3/5/2019	

File: \\USMWK1FS001\prod\Data\Projects\60485031\900_CAD\Cadd\2018 GW Report\Schuster Landfill_02.27.19.dwg; USER: MACKINNEY, JOEL; PLOTTED:March 5, 2019 - 8:51 AM



LEGEND

Symbol	Description
1010	TOPOGRAPHIC CONTOUR
	BUILDING
PW03	PRIVATE WELL LOCATION AND NUMBER
MW01	MONITORING WELL LOCATION AND NUMBER
TW01	ABANDONED MONITORING WELL LOCATION AND NUMBER
EX01A	GROUNDWATER EXTRACTION WELL LOCATION AND NUMBER
	APPROXIMATE CITY PROPERTY LINE
	PREVIOUS LIMITS OF REFUSE
	APPROXIMATE LIMITS OF REFUSE
	PERIMETER ACCESS ROAD
	PROPERTY PARCEL BOUNDARY
ES	TRICHLOROETHYLENE (TCE) ISOCONCENTRATION CONTOUR
18.9	TRICHLOROETHYLENE (TCE) CONCENTRATION (UG/L)

NOTES

1. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1983. HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATES.
2. TOPOGRAPHIC CONTOUR INTERVAL IS 10 FEET.
3. PROPERTY BOUNDARY INFORMATION WAS PROVIDED BY CITY OF WEST BEND, JUNE 1995, FEBRUARY 1998, MARCH 2019.
4. TOPOGRAPHIC BASE MAP WAS DEVELOPED FROM 2015 LiDAR DATA. CONTOURS WERE OBTAINED FROM THE "WASHINGTON COUNTY GIS DATA DOWNLOAD" WEBPAGE.
6. "PW–8 NEW" RESULT IS FROM 6/16/2016. "PW–260" RESULT IS FROM 6/3/2013. "PW–20" RESULT IS FROM 6/23/2009. ALL OTHER RESULTS FROM JUNE 2018.
7. <0.33 = NOT DETECTED (REPORTING LIMIT SHOWN)
8. NS = NOT SAMPLED
9. ISOCONCENTRATION CONTOURS WERE SELECTED BASED ON THE CHAPTER NR 140, WATER QUALITY STANDARDS AS FOLLOWS:

   ES = 5.0 ug/L

   PAL = 0.5 ug/L

   ND = SAMPLE RESULT IS LESS THAN OR EQUAL TO THE REPORTING LIMIT
10. ISOCONCENTRATION CONTOUR LINES ARE APPROXIMATED BASED ON ANALYTICAL RESULTS.

0' 250' 500' 1000'
SCALE

N

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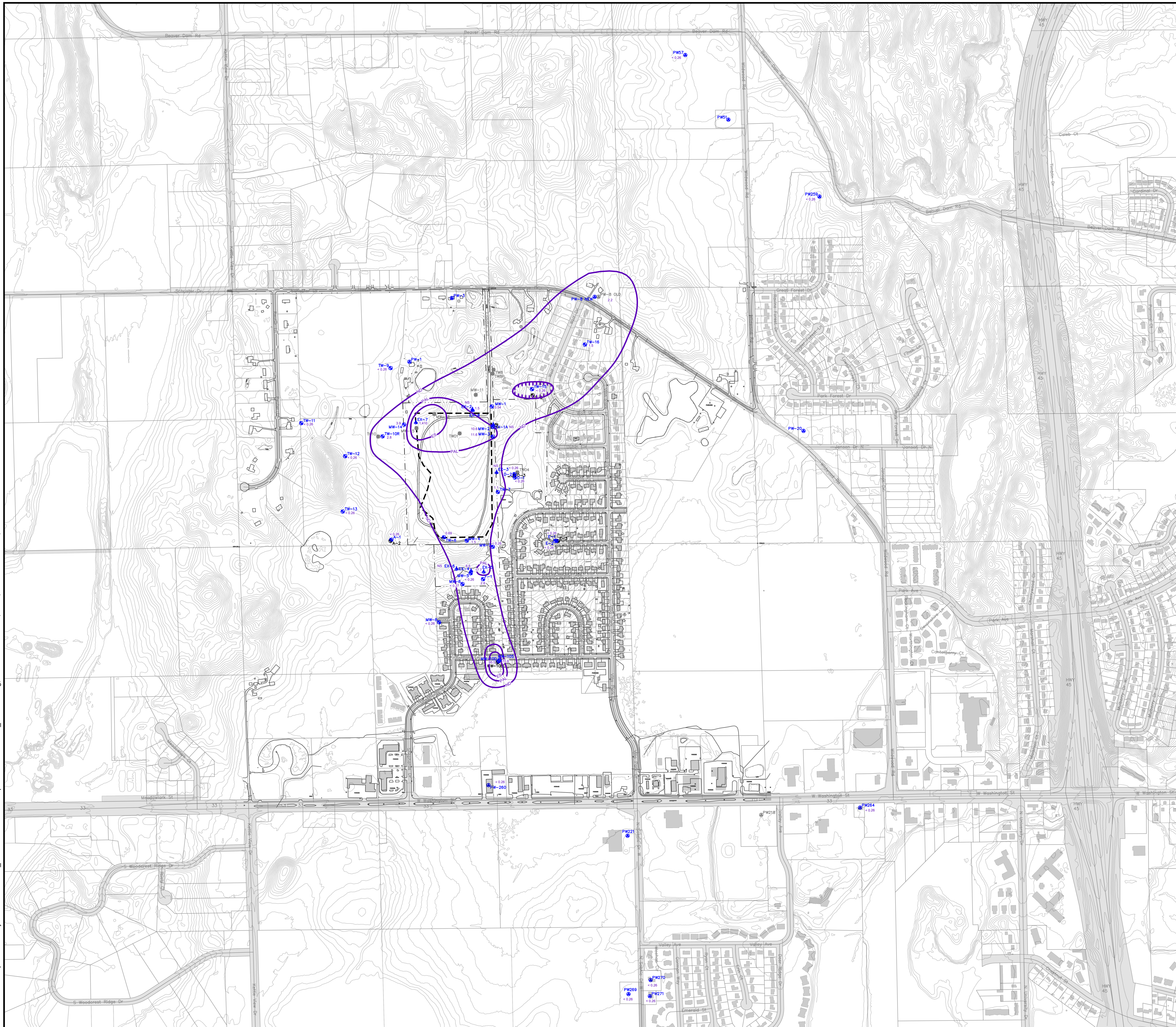
CITY OF WEST BEND
WASHINGTON COUNTY, WISCONSIN

TRICHLOROETHYLENE IN THE BEDROCK AQUIFER (2018)

GROUNDWATER MONITORING REPORT

Project Number:	Drawn By:	Date:	
60485031	JSM	3/5/2019	Figure No. 9

File: \\USMKE1FS001\prod\Data\Projects\60485031\900_CAD\Cadd\2018 GW Report\Schuster Landfill_02.27.19.dwg; USER: MACKINNEY, JOEL; PLOTTED:March 5, 2019 - 9:17 AM



LEGEND

Symbol	Description
1010	TOPOGRAPHIC CONTOUR
	BUILDING
PW03	PRIVATE WELL LOCATION AND NUMBER
MW01	MONITORING WELL LOCATION AND NUMBER
TW01	ABANDONED MONITORING WELL LOCATION AND NUMBER
EX01A	GROUNDWATER EXTRACTION WELL LOCATION AND NUMBER
	APPROXIMATE CITY PROPERTY LINE
	PREVIOUS LIMITS OF REFUSE
	APPROXIMATE LIMITS OF REFUSE
	PERIMETER ACCESS ROAD
	PROPERTY PARCEL BOUNDARY
ES	CIS-1,2-DICHLOROETHYLENE ISOCONCENTRATION CONTOUR
181	CIS-1,2-DICHLOROETHYLENE CONCENTRATION (UG/L)

NOTES

1. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1983. HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATES.
2. TOPOGRAPHIC CONTOUR INTERVAL IS 10 FEET.
3. PROPERTY BOUNDARY INFORMATION WAS PROVIDED BY CITY OF WEST BEND, JUNE 1995, FEBRUARY 1998, AND MARCH 2019.
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5. "PW-8 OLD" RESULT IS FROM 6/9/2015. "PW-260" RESULT IS FROM 6/3/2013. ALL OTHER RESULTS FROM JUNE 2018.
6. <0.26 = NOT DETECTED (REPORTING LIMIT SHOWN)
7. NS = NOT SAMPLED
8. ISOCONCENTRATION CONTOURS WERE SELECTED BASED ON THE CHAPTER NR 140, WATER QUALITY STANDARDS AS FOLLOWS:

   ES = 70.0 ug/L

   PAL = 7.0 ug/L

   ND = SAMPLE RESULT IS LESS THAN OR EQUAL TO THE REPORTING LIMIT
9. ISOCONCENTRATION CONTOUR LINES ARE APPROXIMATED BASED ON ANALYTICAL RESULTS.

0' 250' 500' 1000'
SCALE

N

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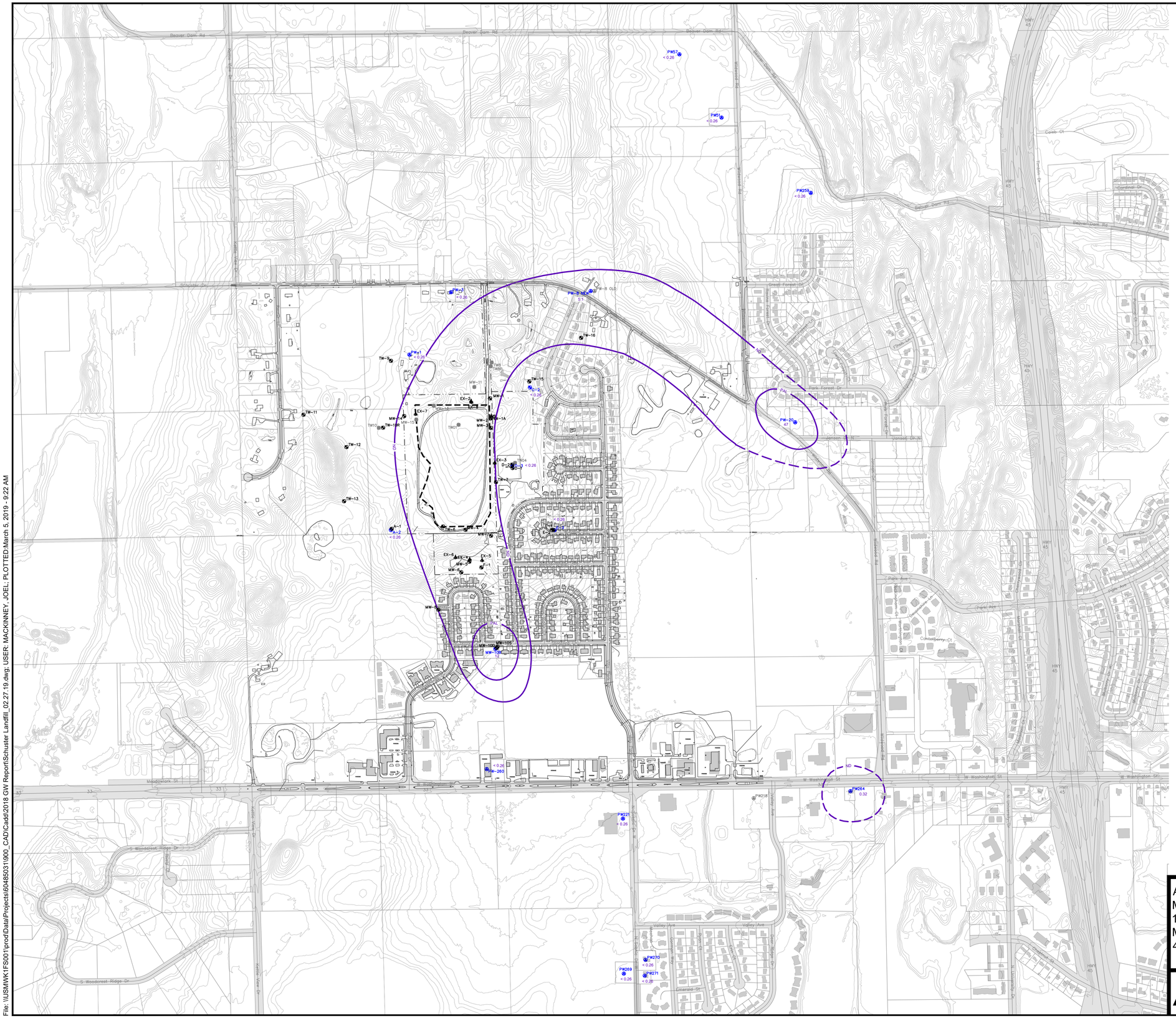
CIS-1,2-DICHLOROETHYLENE IN THE GLACIAL AQUIFER (2018)

GROUNDWATER MONITORING REPORT

Project Number:	Drawn By:	Date:	
60485031	JSM	3/5/2019	Figure No.10

File: \\USMWK1FS001\prod\Data\Projects\60485031\900_CAD\Cadd\2018 GW Report\Schuster Landfill_02.27.19.dwg; USER: MACKINNEY, JOEL; PLOTTED:March 5, 2019 - 8:56 AM



LEGEND

- 1010 — TOPOGRAPHIC CONTOUR
- BUILDING
- PW03 — PRIVATE WELL LOCATION AND NUMBER
- MW01 — MONITORING WELL LOCATION AND NUMBER
- TW01 — ABANDONED MONITORING WELL LOCATION AND NUMBER
- EX01A — GROUNDWATER EXTRACTION WELL LOCATION AND NUMBER
- APPROXIMATE CITY PROPERTY LINE
- PREVIOUS LIMITS OF REFUSE
- APPROXIMATE LIMITS OF REFUSE
- PERIMETER ACCESS ROAD
- PROPERTY PARCEL BOUNDARY
- ND — CIS-1,2-DICHLOROETHYLENE ISOCONCENTRATION CONTOUR
- 5.1 — CIS-1,2-DICHLOROETHYLENE CONCENTRATION (UG/L)

NOTES

1. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1983. HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATES.
2. TOPOGRAPHIC CONTOUR INTERVAL IS 10 FEET.
3. PROPERTY BOUNDARY INFORMATION WAS PROVIDED BY CITY OF WEST BEND, JUNE 1995, FEBRUARY 1998, AND MARCH 2019.
4. TOPOGRAPHIC BASE MAP WAS DEVELOPED FROM 2015 LiDAR DATA. CONTOURS WERE OBTAINED FROM THE "WASHINGTON COUNTY GIS DATA DOWNLOAD" WEBPAGE.
6. "PW-8 NEW" RESULT IS FROM 6/16/2016. "PW-26O" RESULT IS FROM 6/3/2013. "PW-20" RESULT IS FROM 6/23/2009. ALL OTHER RESULTS FROM JUNE 2018.
7. <0.26 = NOT DETECTED (REPORTING LIMIT SHOWN)
8. NS = NOT SAMPLED
9. ISOCONCENTRATION CONTOURS WERE SELECTED BASED ON THE CHAPTER NR 140, WATER QUALITY STANDARDS AS FOLLOWS:

   ES = 70.0 ug/L

   PAL = 7.0 ug/L

   ND = SAMPLE RESULT IS LESS THAN OR EQUAL TO THE REPORTING LIMIT
10. ISOCONCENTRATION CONTOUR LINES ARE APPROXIMATED BASED ON ANALYTICAL RESULTS.

0' 250' 500' 1000'
SCALE

N

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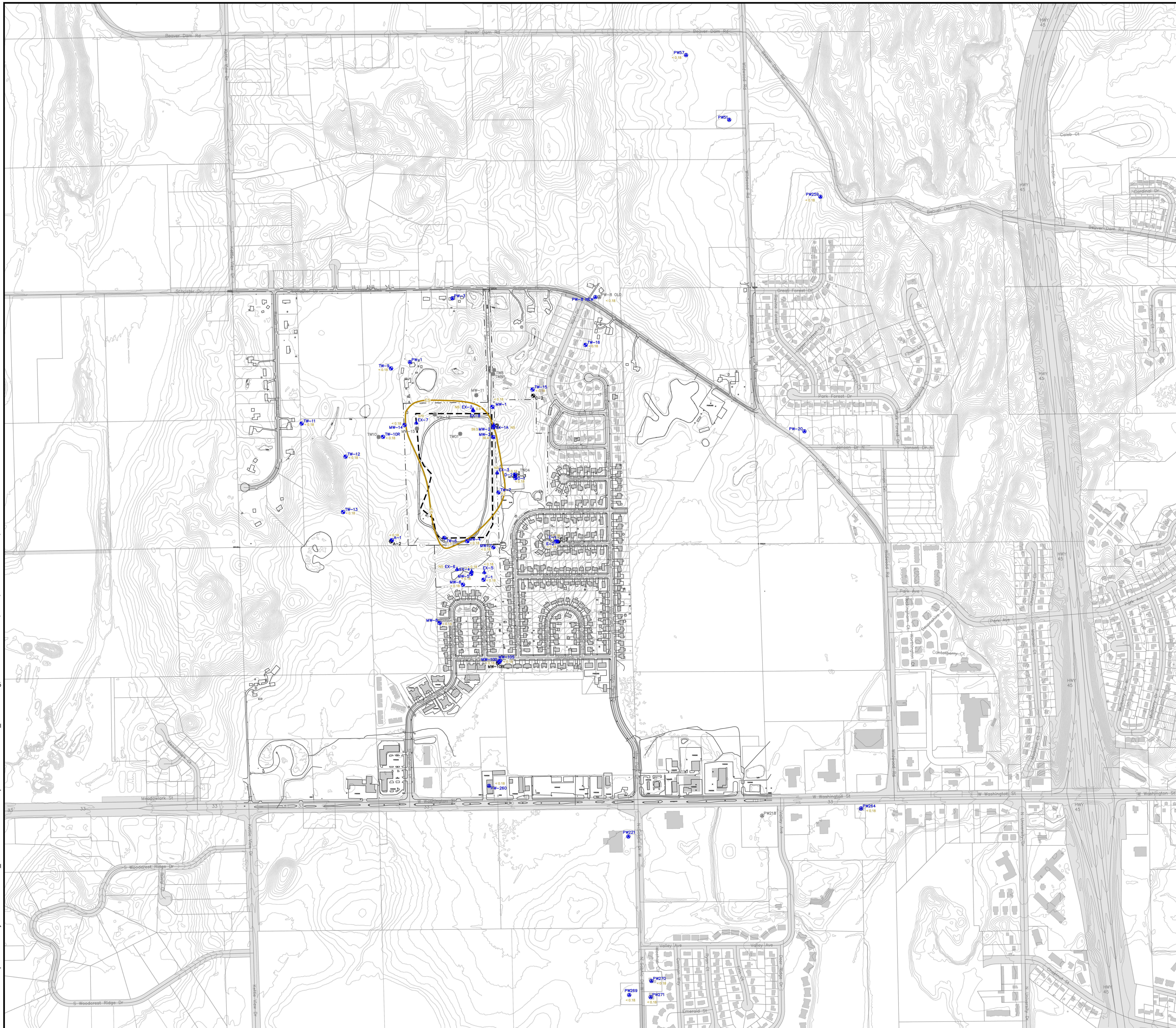
CITY OF WEST BEND
WASHINGTON COUNTY, WISCONSIN

CIS-1,2-DICHLOROETHYLENE IN THE BEDROCK AQUIFER (2018)

GROUNDWATER MONITORING REPORT

Project Number:	Drawn By:	Date:	Figure No. 11
60485031	JSM	3/5/2019	

File: \\USMWK1FS001\prod\Data\Projects\60485031\900_CAD\Cadd\2018 GW Report\Schuster Landfill_02.27.19.dwg; USER: MACKINNEY, JOEL; PLOTTED:March 5, 2019 - 9:22 AM



LEGEND

Symbol	Description
1010	TOPOGRAPHIC CONTOUR
	BUILDING
PW03	PRIVATE WELL LOCATION AND NUMBER
MW01	MONITORING WELL LOCATION AND NUMBER
TW01	ABANDONED MONITORING WELL LOCATION AND NUMBER
EX01A	GROUNDWATER EXTRACTION WELL LOCATION AND NUMBER
	APPROXIMATE CITY PROPERTY LINE
	PREVIOUS LIMITS OF REFUSE
	APPROXIMATE LIMITS OF REFUSE
	PERIMETER ACCESS ROAD
	PROPERTY PARCEL BOUNDARY
5	VINYL CHLORIDE ISOCONCENTRATION CONTOUR
6.0	VINYL CHLORIDE CONCENTRATION (UG/L)

NOTES

1. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1983. HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATES.
2. TOPOGRAPHIC CONTOUR INTERVAL IS 10 FEET.
3. PROPERTY BOUNDARY INFORMATION WAS PROVIDED BY CITY OF WEST BEND, JUNE 1995, FEBRUARY 1998 AND MARCH 2019.
4. TOPOGRAPHIC BASE MAP WAS DEVELOPED FROM 2015 LiDAR DATA. CONTOURS WERE OBTAINED FROM THE "WASHINGTON COUNTY GIS DATA DOWNLOAD" WEBPAGE.
5. "PW-8 OLD" RESULT IS FROM 6/9/2015. "PW-260" RESULT IS FROM 6/3/2013. ALL OTHER RESULTS FROM JUNE 2018.
6. <0.18 = NOT DETECTED (REPORTING LIMIT SHOWN)
7. NS = NOT SAMPLED
8. ISOCONCENTRATION CONTOURS WERE SELECTED BASED ON THE CHAPTER NR 140, WATER QUALITY STANDARDS AS FOLLOWS:

   ES = 0.2 ug/L

   PAL = 0.02 ug/L

   ND = SAMPLE RESULT IS LESS THAN OR EQUAL TO THE REPORTING LIMIT
9. ISOCONCENTRATION CONTOUR LINES ARE APPROXIMATED BASED ON ANALYTICAL RESULTS.

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CITY OF WEST BEND
WASHINGTON COUNTY, WISCONSIN

VINYL CHLORIDE IN THE GLACIAL AQUIFER (2018)

GROUNDWATER MONITORING REPORT

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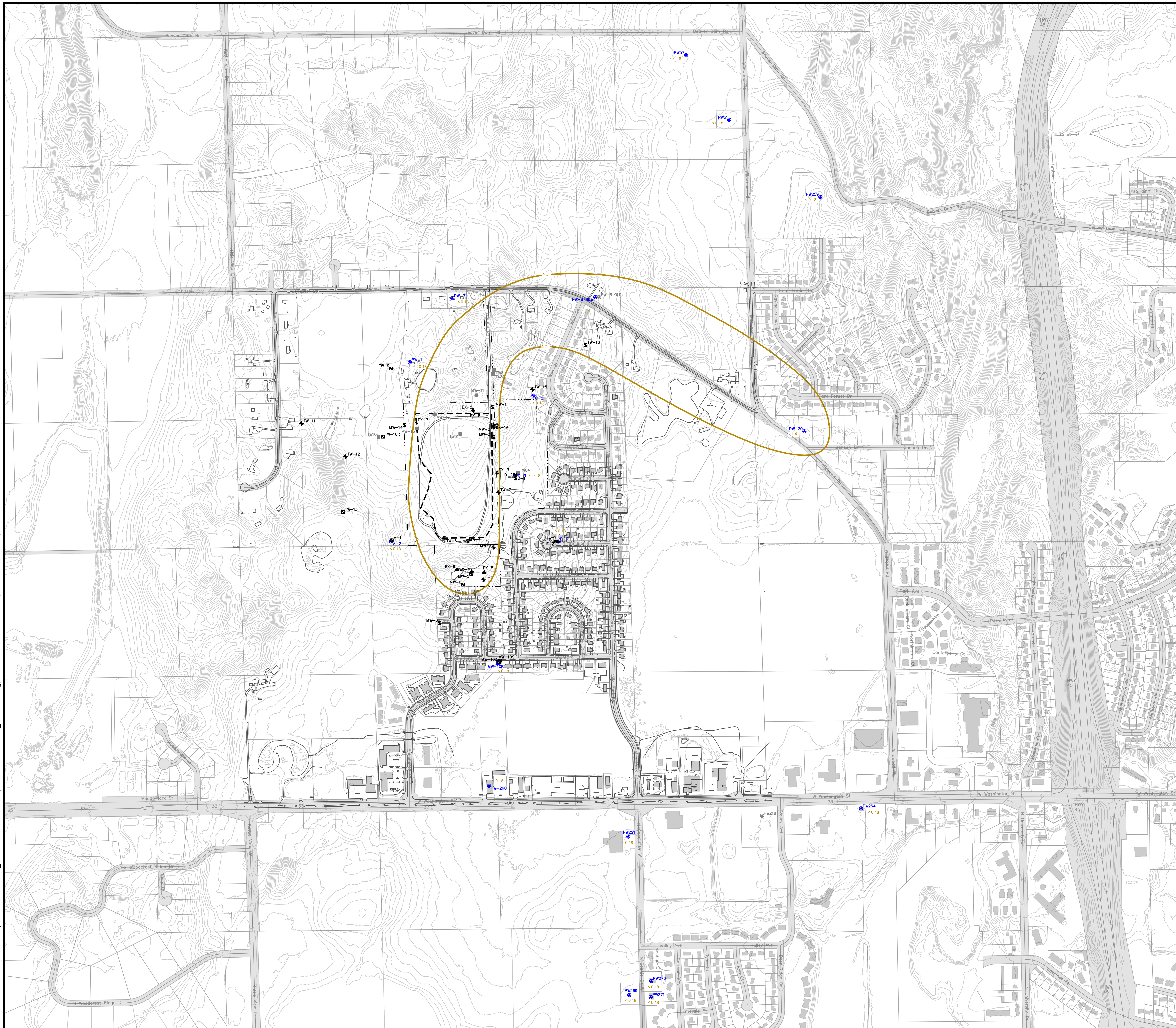
Project Number: 60485031 | Drawn By: JSM | Date: 3/5/2019 | Figure No. 12

File: \\USMWK1FS001\prod\Data\Projects\60485031\900_CAD\Cadd\2018 GW Report\Schuster Landfill_02.27.19.dwg; USER: MACKINNEY, JOEL; PLOTTED:March 5, 2019 - 9:03 AM



LEGEND

1010	TOPOGRAPHIC CONTOUR
	BUILDING
PW03	PRIVATE WELL LOCATION AND NUMBER
MW01	MONITORING WELL LOCATION AND NUMBER
TW01	ABANDONED MONITORING WELL LOCATION AND NUMBER
EX01A	GROUNDWATER EXTRACTION WELL LOCATION AND NUMBER
	APPROXIMATE CITY PROPERTY LINE
	PREVIOUS LIMITS OF REFUSE
	APPROXIMATE LIMITS OF REFUSE
	PERIMETER ACCESS ROAD
	PROPERTY PARCEL BOUNDARY
ND	VINYL CHLORIDE ISOCONCENTRATION CONTOUR
1.2	VINYL CHLORIDE CONCENTRATION (UG/L)

NOTES

1. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1983. HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATES.
2. TOPOGRAPHIC CONTOUR INTERVAL IS 10 FEET.
3. PROPERTY BOUNDARY INFORMATION WAS PROVIDED BY CITY OF WEST BEND, JUNE 1995, FEBRUARY 1998, AND MARCH 2019.
4. TOPOGRAPHIC BASE MAP WAS DEVELOPED FROM 2015 LiDAR DATA. CONTOURS WERE OBTAINED FROM THE "WASHINGTON COUNTY GIS DATA DOWNLOAD" WEBPAGE.
6. "PW–8 NEW" RESULT IS FROM 6/16/2016. "PW–260" RESULT IS FROM 6/3/2013. "PW–20" RESULT IS FROM 6/23/2009. ALL OTHER RESULTS FROM JUNE 2018.
7. <0.18 = NOT DETECTED (REPORTING LIMIT SHOWN)
8. NS = NOT SAMPLED
9. ISOCONCENTRATION CONTOURS WERE SELECTED BASED ON THE CHAPTER NR 140, WATER QUALITY STANDARDS AS FOLLOWS:

   ES = 0.2 ug/L

   PAL = 0.02 ug/L

   ND = SAMPLE RESULT IS LESS THAN OR EQUAL TO THE REPORTING LIMIT
10. ISOCONCENTRATION CONTOUR LINES ARE APPROXIMATED BASED ON ANALYTICAL RESULTS.

0' 250' 500' 1000'
SCALE

N

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SCHUSTER DRIVE LANDFILL
CITY OF WEST BEND
WASHINGTON COUNTY, WISCONSIN

VINYL CHLORIDE IN THE
BEDROCK AQUIFER (2018)

GROUNDWATER MONITORING REPORT

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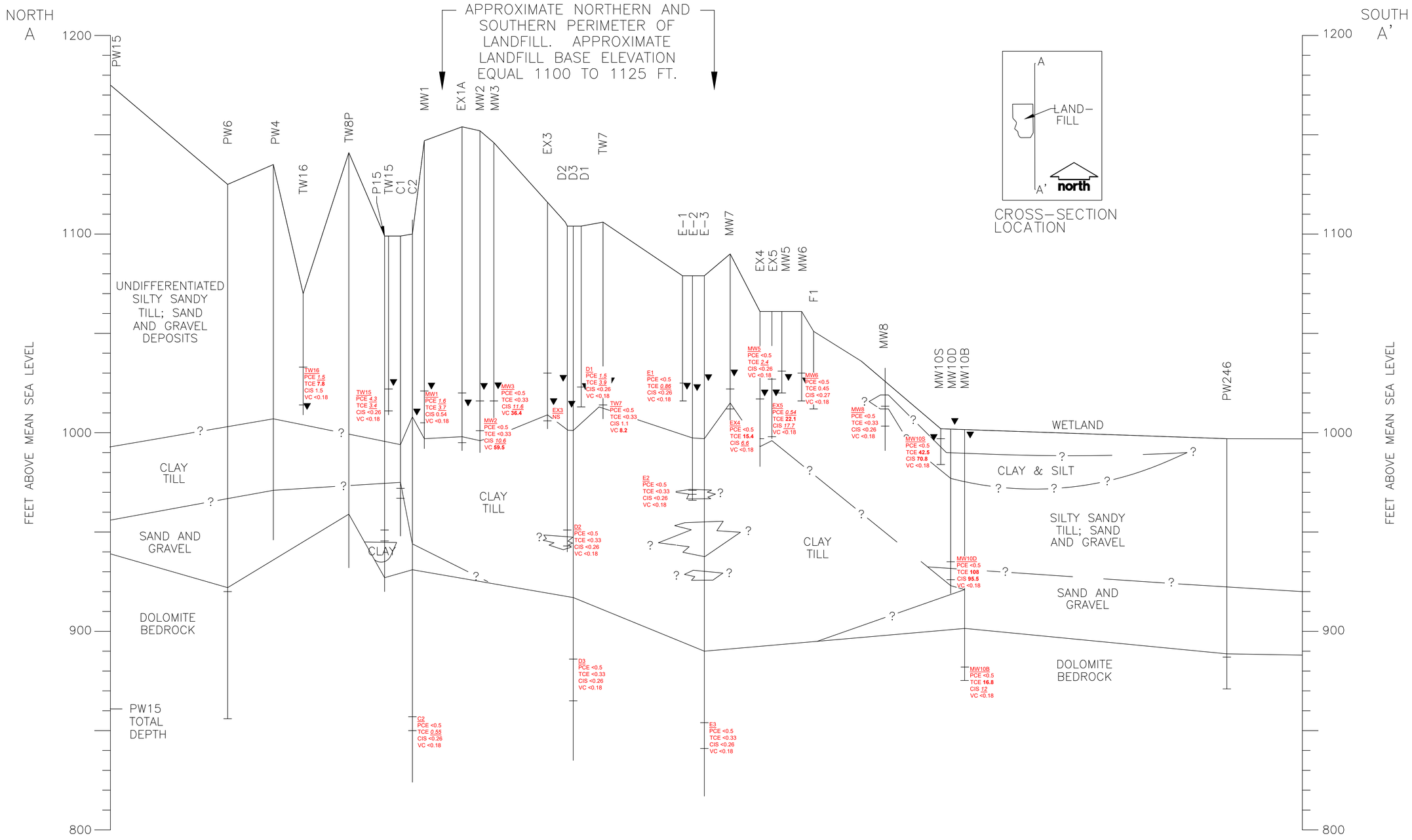
Project Number: 60485031 | Drawn By: JSM | Date: 3/5/2019 | Figure No. 13

File: \\USMWK1FS001\prod\Data\Projects\60485031\900_CAD\Cadd\2018 GW Report\Schuster Landfill_02.27.19.dwg; USER: MACKINNEY, JOEL; PLOTTED:March 5, 2019 - 9:28 AM



LEGEND

- MW5 — MONITORING WELL NUMBER
- APPROXIMATE GROUNDWATER LEVEL
- TOP OF SCREEN ELEVATION
- 2.6 — TOTAL VOC CONCENTRATION (ug/L)
- BOTTOM OF SCREEN ELEVATION
- TOTAL BORING DEPTH
- SILTY SAND AND/OR SAND & GRAVEL LAYER
- ND — VOCs NOT DETECTED

NOTES

1. WELL LOCATIONS, AS SHOWN, ARE PROJECTED TO A STRAIGHT LINE BETWEEN WELLS PW15 AND PW246. ACTUAL LANDFILL NOT SHOWN IN CROSS-SECTION.
2. ALL RESULTS ARE FROM JUNE 2018 CONCENTRATIONS PRESENT IN MICROGRAMS PER LITER (ug/L)
3. TCE – TRICHLOROETHENE
4. PCE – TETRACHLOROETHENE
5. CIS – CIS-1,2-DICHLOROETHENE
6. VC – VINYL CHLORIDE
7. CONCENTRATIONS IN BOLD INDICATE AN EXCEEDANCE OF THE ES.
8. CONCENTRATIONS UNDERLINED AND IN ITALICS INDICATE AN EXCEEDANCE OF THE PAL.

CROSS SECTION SCALE

50

0

0 500 1000

SCALE IN FEET

VERTICAL EXAGGERATION: TEN TIMES

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Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

AECOM

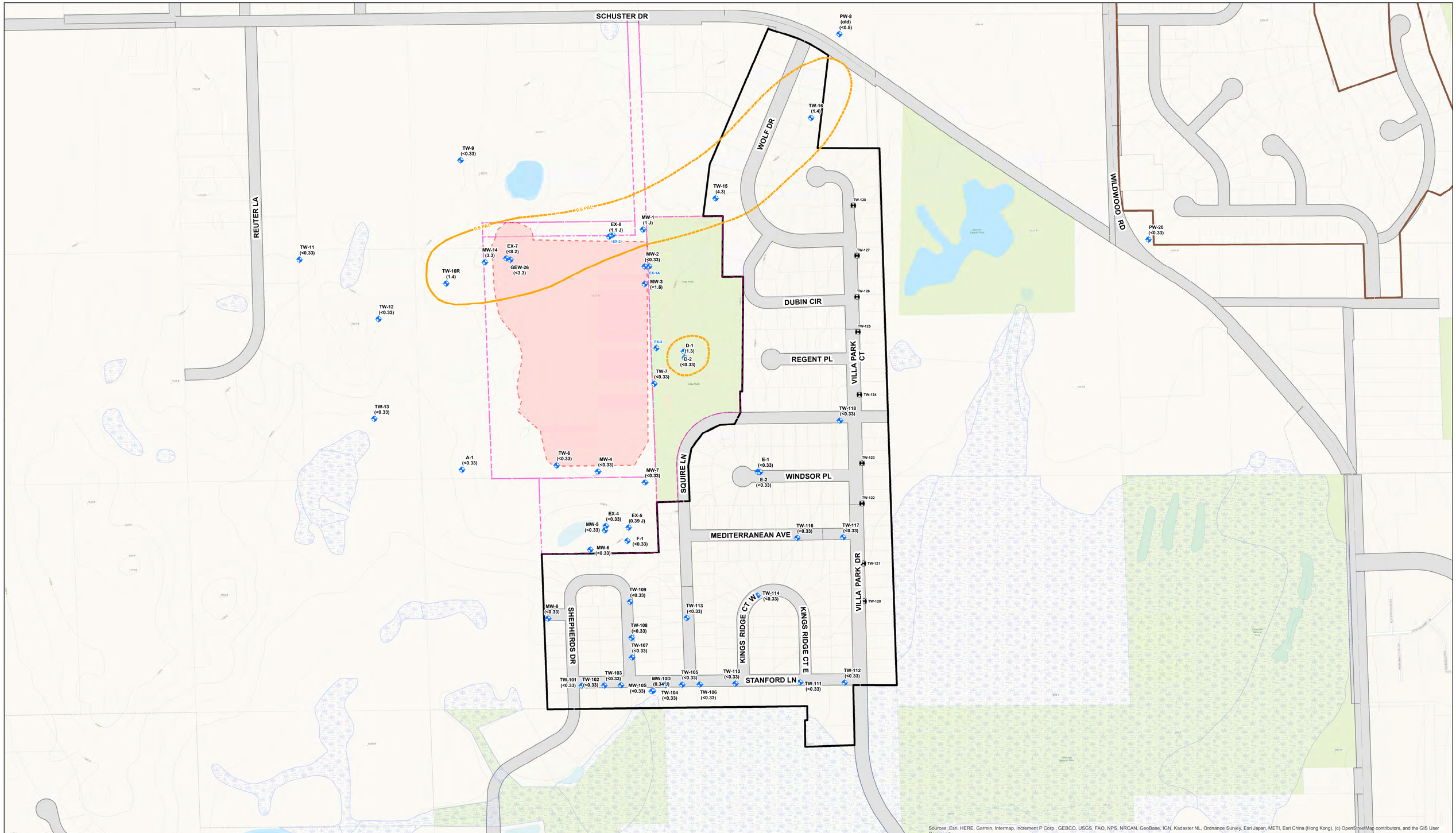
SCHUSTER DRIVE LANDFILL
CITY OF WEST BEND
WASHINGTON COUNTY, WISCONSIN

CROSS SECTION A-A' (JUNE 2018)

GROUNDWATER MONITORING REPORT

Project Number:	Drawn By:	Date:	
60485031	JSM	3/9/2020	Figure No. 14

File: P:\60485031900_CAD\Cadd\2018 GW Report\Schuster Landfill_04.04.19.dwg; USER: MOE, ALEXANDRA; PLOTTED:March 9, 2020 - 1:35 PM



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Legend

- Well with PCE concentration in ug/L
- Extraction Well/Boring Location
- Temporary Well/Boring Location
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Glacial Aquifer.
   -Private wells with unknown screen information are shown on both, glacial and bedrock aquifer isoconcentration maps: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Analyte data was obtained from samples collected March, June and July 2019. PW-08 analyte data obtained on 6/9/2015.

Tetrachloroethene (PCE)) concentration
Preventive Action Limit (PAL) = 0.5 ug/L
Enforcement Standard (ES) = 5.0 ug/L

N

0 125 250 500 Feet

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Milwaukee WI

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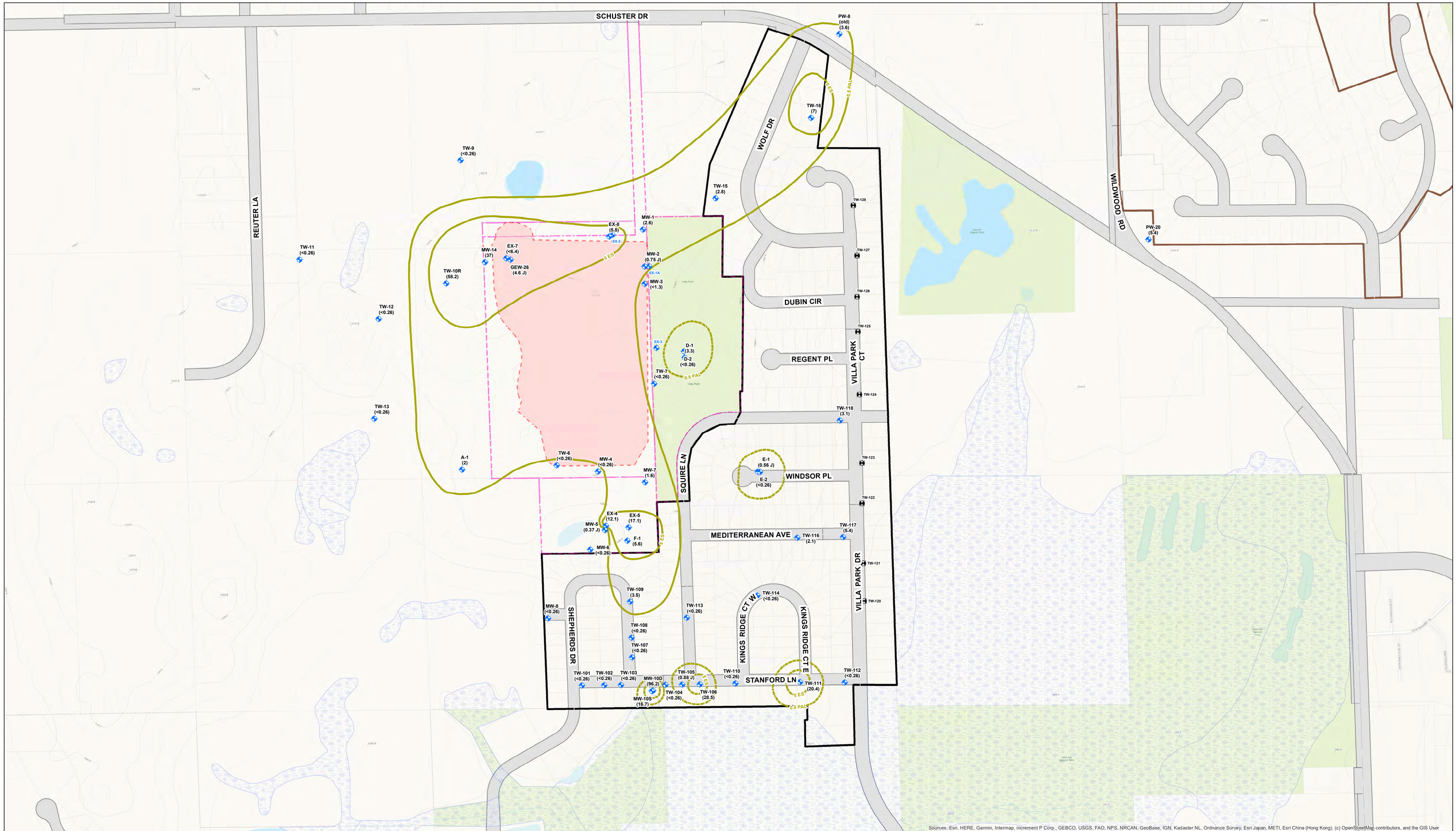
PCE ISOCONCENTRATION MAP, SHALLOW GLACIAL AQUIFER (2019)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No. 60135471

Date: March 2020

FIGURE 15



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Legend

- Well with TCE concentration in ug/L
- Extraction Well/Boring Location
- Temporary Well/Boring Location
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Glacial Aquifer.
   -Private wells with unknown screen information are shown on both, glacial and bedrock aquifer isoconcentration maps: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Analyte data was obtained from samples collected March, June and July 2019.

Trichloroethylene (TCE) concentration
Preventive Action Limit (PAL) = 0.5 ug/L
Enforcement Standard (ES) = 5.0 ug/L

N

0 125 250 500 Feet

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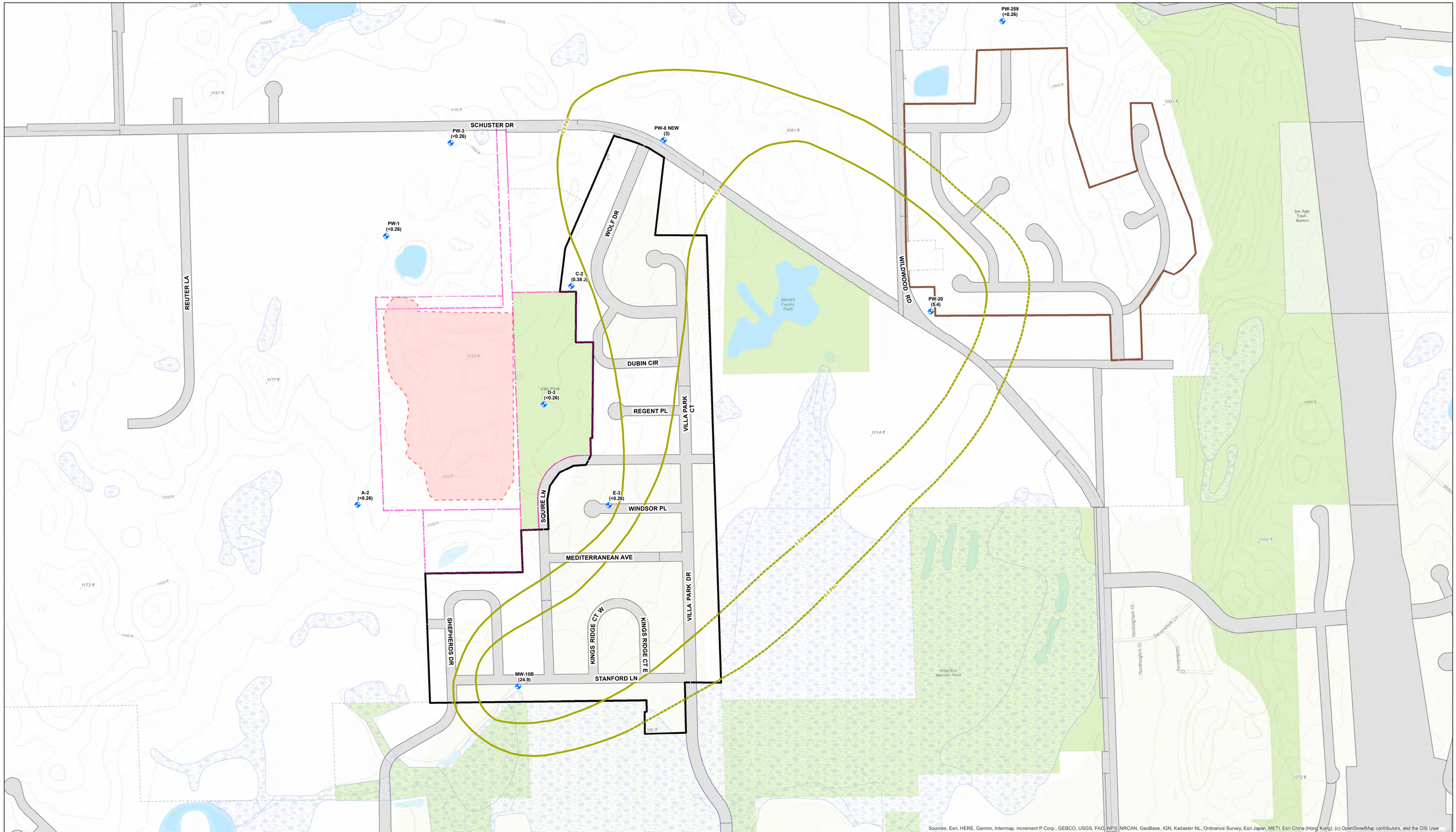
TCE ISOCONCENTRATION MAP, SHALLOW GLACIAL AQUIFER (2019)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No. 60135471

Date: March 2020

FIGURE 16



Legend

- Well with TCE concentration in ug/L
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Glacial Aquifer.
   -Private wells with unknown screen information are shown on both, glacial and bedrock aquifer isoconcentration maps: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Analyte data was obtained from samples collected March, June and July 2019. PW-08 analyte data obtained on 6/9/2015.

Trichloroethylene (TCE) concentration
Preventive Action Limit (PAL) = 0.5 ug/L
Enforcement Standard (ES) = 5.0 ug/L

N

0 150 300 600 Feet

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Milwaukee WI

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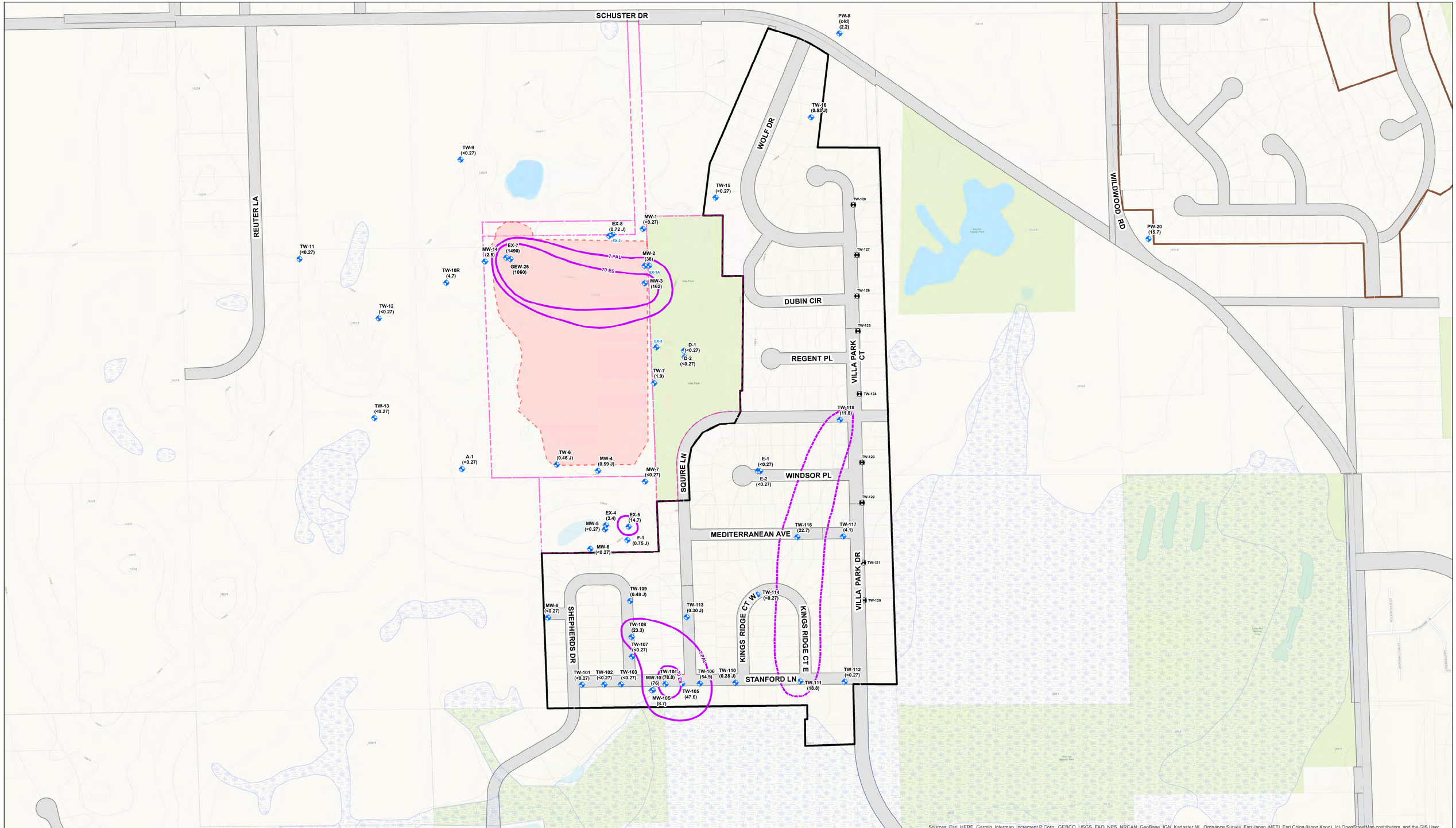
TCE ISOCONCENTRATION MAP, DEEP BEDROCK AQUIFER (2019)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No. 60135471

Date: March 2020

FIGURE 17



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Legend

- Well with Cis-1,2-DCE concentration in ug/L
- Extraction Well/Boring Location
- Temporary Well/Boring Location
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Glacial Aquifer.
   -Private wells with unknown screen information are shown on both, glacial and bedrock aquifer isoconcentration maps: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Analyte data was obtained from samples collected March, June and July 2019. PW-08 analyte data obtained on 6/9/2015.

Cis-1,2-DCE concentration
Preventive Action Limit (PAL) = 7 ug/L
Enforcement Standard (ES) = 70 ug/L

N

0 125 250 500 Feet

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Milwaukee WI

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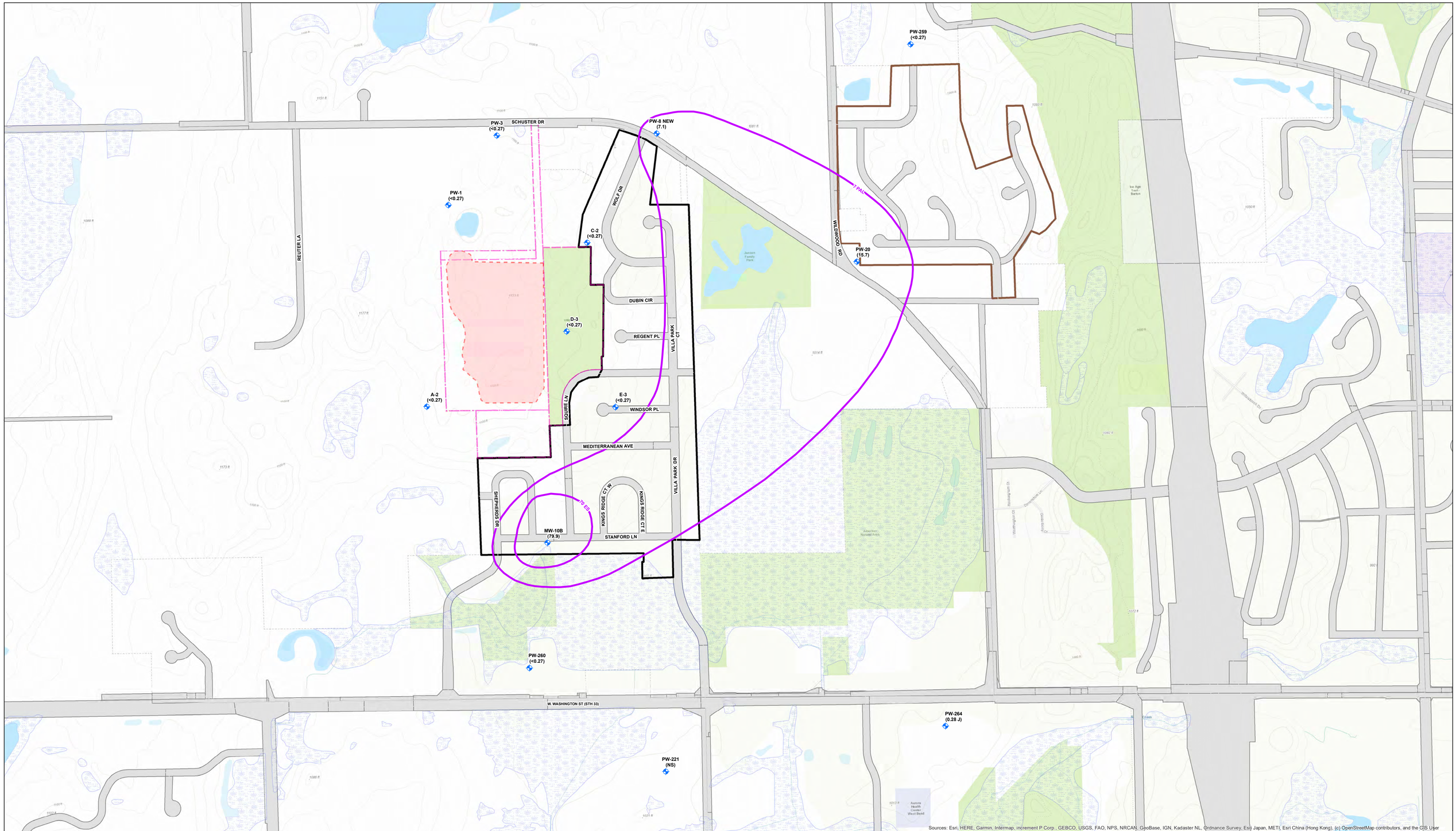
DCE ISOCONCENTRATION MAP, SHALLOW GLACIAL AQUIFER (2019)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No. 60135471

Date: March 2020

FIGURE 18



Legend

- Well with Cis-1,2-DCE concentration in ug/L
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Glacial Aquifer.
   -Private wells with unknown screen information are shown on both, glacial and bedrock aquifer isoconcentration maps: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Analyte data was obtained from samples collected March, June and July 2019. PW-08 analyte data obtained on 6/9/2015.

Cis-1,2-DCE concentration
Preventive Action Limit (PAL) = 7 ug/L
Enforcement Standard (ES) = 70 ug/L

N

0 200 400 800 Feet

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Milwaukee WI

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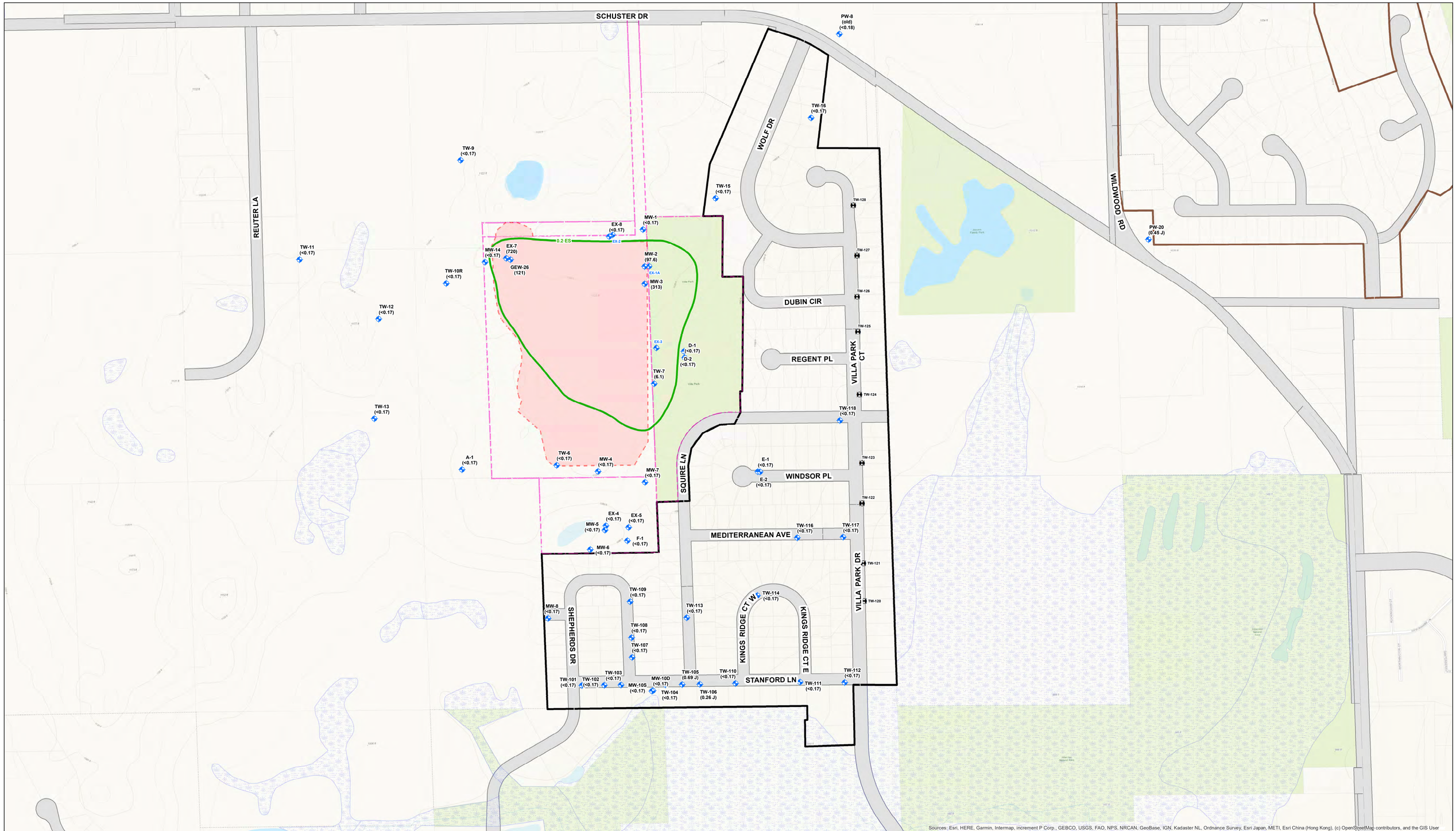
DCE ISOCONCENTRATION MAP, DEEP BEDROCK AQUIFER (2019)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No.
60135471

Date:
March 2020

FIGURE 19



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Legend

- Well with VC concentration in ug/L
- Extraction Well/Boring Location
- Temporary Well/Boring Location
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
   -Monitoring wells screened within the Glacial Aquifer.
   -Private wells with unknown screen information are shown on both, glacial and bedrock aquifer isoconcentration maps: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Analyte data was obtained from samples collected March, June and July 2019. PW-08 analyte data obtained on 6/9/2015.

Vinyl Chloride (VC) concentration
Preventive Action Limit (PAL) = 0.02 ug/L
Enforcement Standard (ES) = 0.2 ug/L

N

0 125 250 500 Feet

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1555 River Center Dr
Milwaukee WI

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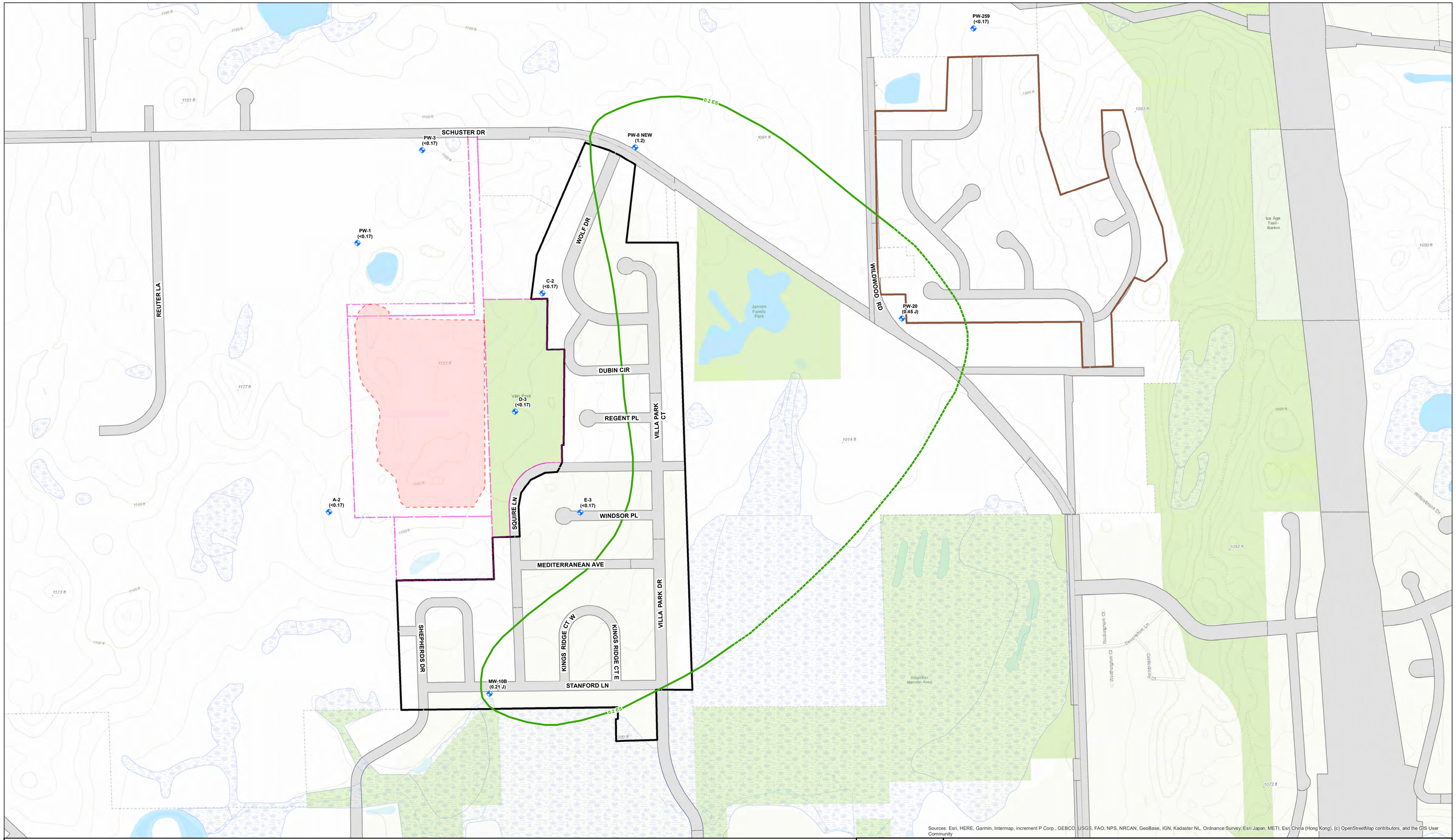
VINYL CHLORIDE ISOCONCENTRATION MAP, SHALLOW GLACIAL AQUIFER

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No. 60135471

Date: March 2020

FIGURE 20



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Legend

- Well with VC concentration in ug/L
- Approximate Limits of Waste
- Landfill Property Boundary
- Villa Park Subdivisions
- Jansen Subdivision
- Water Body
- Wetland

Note:
1. The following wells are shown:
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   -Private wells with unknown screen information are shown on both, glacial and bedrock aquifer isoconcentration maps: PW-51, PW-57, PW-221, PW-259, PW-260, PW-264, PW-269, PW-270, and PW-271.
2. Analyte data was obtained from samples collected March, June and July 2019. PW-08 analyte data obtained on 6/9/2015.

Vinyl Chloride (VC) concentration
Preventive Action Limit (PAL) = 0.02 ug/L
Enforcement Standard (ES) = 0.2 ug/L

N

0 150 300 600 Feet

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Milwaukee WI

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VINYL CHLORIDE ISOCONCENTRATION MAP, DEEP BEDROCK AQUIFER (2019)

Schuster Drive Landfill, SW License # 0224
3995 Schuster Drive
West Bend, WI

Project No. 60135471

Date: March 2020

FIGURE 21

Appendix A

Groundwater Laboratory Analytical Reports (on CD)

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

April 03, 2018

Leo B. Linnemanstons, P.G.
AECOM, Inc. - Madison
1350 Deming Way
Suite 100
Middleton, WI 53562

RE: Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Dear Leo Linnemanstons, P.G.:
Enclosed are the analytical results for sample(s) received by the laboratory on March 22, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Sarah Engelhardt, AECOM, Inc.

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Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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(920)469-2436

SAMPLE SUMMARY

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40166262001	**EX04**	Water	03/20/18 09:45	03/22/18 08:25
40166262002	**EX05**	Water	03/20/18 10:00	03/22/18 08:25
40166262003	**EX07**	Water	03/20/18 11:10	03/22/18 08:25
40166262004	**EX08**	Water	03/20/18 10:40	03/22/18 08:25
40166262005	**GEW26**	Water	03/20/18 11:20	03/22/18 08:25
40166262006	**TW15**	Water	03/20/18 17:18	03/22/18 08:25
40166262007	**MW10S**	Water	03/20/18 18:40	03/22/18 08:25
40166262008	**MW10D**	Water	03/20/18 18:20	03/22/18 08:25
40166262009	**MW10B**	Water	03/20/18 19:00	03/22/18 08:25
40166262010	**MW10B DUP**	Water	03/20/18 19:10	03/22/18 08:25
40166262011	**PW1**	Water	03/20/18 16:11	03/22/18 08:25
40166262012	**PW3**	Water	03/20/18 16:25	03/22/18 08:25
40166262013	**TRIP BLANK**	Water	03/20/18 19:20	03/22/18 08:25
40166262014	**EX01A**	Water	03/20/18 00:00	03/22/18 08:25

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SAMPLE ANALYTE COUNT

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40166262001	**EX04**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262002	**EX05**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262003	**EX07**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262004	**EX08**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262005	**GEW26**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262006	**TW15**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262007	**MW10S**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262008	**MW10D**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262009	**MW10B**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262010	**MW10B DUP**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262011	**PW1**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262012	**PW3**	EPA 8260	LAP	45	PASI-G
			CDH	3	PASI-G
40166262013	**TRIP BLANK**	EPA 8260	LAP	45	PASI-G
40166262014	**EX01A**		CDH	1	PASI-G

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: EX04 **Lab ID: 40166262001** Collected: 03/20/18 09:45 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.67J**	ug/L	1.0	0.50	1		03/26/18 18:41	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/26/18 18:41	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		03/26/18 18:41	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/26/18 18:41	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/26/18 18:41	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/26/18 18:41	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/26/18 18:41	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/26/18 18:41	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/26/18 18:41	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/26/18 18:41	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/26/18 18:41	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/26/18 18:41	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/26/18 18:41	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/26/18 18:41	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/26/18 18:41	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/26/18 18:41	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/26/18 18:41	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/26/18 18:41	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/26/18 18:41	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/26/18 18:41	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	108-88-3	
Trichloroethene	**16.3**	ug/L	1.0	0.33	1		03/26/18 18:41	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/26/18 18:41	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		03/26/18 18:41	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/26/18 18:41	1330-20-7	
cis-1,2-Dichloroethene	**5.3**	ug/L	1.0	0.26	1		03/26/18 18:41	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:41	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/26/18 18:41	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/26/18 18:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	61-130		1		03/26/18 18:41	460-00-4	
Dibromofluoromethane (S)	109	%	67-130		1		03/26/18 18:41	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		03/26/18 18:41	2037-26-5	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: EX04 **Lab ID: 40166262001** Collected: 03/20/18 09:45 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 09:45		
Apparent Color	**N**	no units			1		03/20/18 09:45		
Odor	**N**	no units			1		03/20/18 09:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: EX05 **Lab ID: 40166262002** Collected: 03/20/18 10:00 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.7**	ug/L	1.0	0.50	1		03/26/18 19:03	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/26/18 19:03	79-00-5	
1,1-Dichloroethane	**0.65J**	ug/L	1.0	0.24	1		03/26/18 19:03	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/26/18 19:03	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/26/18 19:03	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/26/18 19:03	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/26/18 19:03	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/26/18 19:03	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/26/18 19:03	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/26/18 19:03	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/26/18 19:03	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/26/18 19:03	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/26/18 19:03	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/26/18 19:03	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/26/18 19:03	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/26/18 19:03	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/26/18 19:03	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/26/18 19:03	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/26/18 19:03	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	100-42-5	
Tetrachloroethene	**0.59J**	ug/L	1.0	0.50	1		03/26/18 19:03	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/26/18 19:03	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	108-88-3	
Trichloroethene	**20.9**	ug/L	1.0	0.33	1		03/26/18 19:03	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/26/18 19:03	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		03/26/18 19:03	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/26/18 19:03	1330-20-7	
cis-1,2-Dichloroethene	**15.9**	ug/L	1.0	0.26	1		03/26/18 19:03	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:03	10061-01-5	
trans-1,2-Dichloroethene	**0.36J**	ug/L	1.0	0.26	1		03/26/18 19:03	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/26/18 19:03	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		03/26/18 19:03	460-00-4	
Dibromofluoromethane (S)	111	%	67-130		1		03/26/18 19:03	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/26/18 19:03	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: EX05 **Lab ID: 40166262002** Collected: 03/20/18 10:00 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 10:00		
Apparent Color	**N**	no units			1		03/20/18 10:00		
Odor	**N**	no units			1		03/20/18 10:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: EX07 **Lab ID: 40166262003** Collected: 03/20/18 11:10 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.7**	ug/L	1.0	0.50	1		03/26/18 19:26	71-55-6	
1,1,2-Trichloroethane	**0.49J**	ug/L	1.0	0.20	1		03/26/18 19:26	79-00-5	
1,1-Dichloroethane	**17.4**	ug/L	1.0	0.24	1		03/26/18 19:26	75-34-3	
1,1-Dichloroethene	**1.8**	ug/L	1.0	0.41	1		03/26/18 19:26	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/26/18 19:26	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/26/18 19:26	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	95-50-1	
1,2-Dichloroethane	**0.71J**	ug/L	1.0	0.17	1		03/26/18 19:26	107-06-2	
1,2-Dichloropropane	**0.47J**	ug/L	1.0	0.23	1		03/26/18 19:26	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	106-46-7	
2-Butanone (MEK)	**14.1J**	ug/L	20.0	3.0	1		03/26/18 19:26	78-93-3	
Acetone	**18.4J**	ug/L	20.0	3.0	1		03/26/18 19:26	67-64-1	
Benzene	**5.0**	ug/L	1.0	0.50	1		03/26/18 19:26	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/26/18 19:26	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/26/18 19:26	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/26/18 19:26	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/26/18 19:26	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/26/18 19:26	74-95-3	
Dichlorodifluoromethane	**0.59J**	ug/L	1.0	0.22	1		03/26/18 19:26	75-71-8	
Ethylbenzene	**107**	ug/L	1.0	0.50	1		03/26/18 19:26	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/26/18 19:26	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/26/18 19:26	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/26/18 19:26	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	100-42-5	
Tetrachloroethene	**0.98J**	ug/L	1.0	0.50	1		03/26/18 19:26	127-18-4	
Tetrahydrofuran	**3.7J**	ug/L	5.0	2.0	1		03/26/18 19:26	109-99-9	
Toluene	**282**	ug/L	1.0	0.50	1		03/26/18 19:26	108-88-3	
Trichloroethene	**8.3**	ug/L	1.0	0.33	1		03/26/18 19:26	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/26/18 19:26	75-69-4	
Vinyl chloride	**2080**	ug/L	25.0	4.4	25		03/27/18 10:49	75-01-4	
Xylene (Total)	**548**	ug/L	75.0	37.5	25		03/27/18 10:49	1330-20-7	
cis-1,2-Dichloroethene	**2780**	ug/L	25.0	6.4	25		03/27/18 10:49	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 19:26	10061-01-5	
trans-1,2-Dichloroethene	**21.8**	ug/L	1.0	0.26	1		03/26/18 19:26	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/26/18 19:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	61-130		1		03/26/18 19:26	460-00-4	
Dibromofluoromethane (S)	113	%	67-130		1		03/26/18 19:26	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/26/18 19:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: EX07 **Lab ID: 40166262003** Collected: 03/20/18 11:10 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 11:10		
Apparent Color	**N**	no units			1		03/20/18 11:10		
Odor	**N**	no units			1		03/20/18 11:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: EX08 **Lab ID: 40166262004** Collected: 03/20/18 10:40 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/27/18 08:37	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		03/27/18 08:37	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/27/18 08:37	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/27/18 08:37	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/27/18 08:37	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/27/18 08:37	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/27/18 08:37	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/27/18 08:37	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/27/18 08:37	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/27/18 08:37	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/27/18 08:37	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/27/18 08:37	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/27/18 08:37	67-66-3	
Chloromethane	**0.61J**	ug/L	1.0	0.50	1		03/27/18 08:37	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/27/18 08:37	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/27/18 08:37	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/27/18 08:37	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/27/18 08:37	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/27/18 08:37	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	100-42-5	
Tetrachloroethene	**0.84J**	ug/L	1.0	0.50	1		03/27/18 08:37	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/27/18 08:37	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	108-88-3	
Trichloroethene	**5.0**	ug/L	1.0	0.33	1		03/27/18 08:37	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/27/18 08:37	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		03/27/18 08:37	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/27/18 08:37	1330-20-7	
cis-1,2-Dichloroethene	**0.32J**	ug/L	1.0	0.26	1		03/27/18 08:37	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:37	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/27/18 08:37	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/27/18 08:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		03/27/18 08:37	460-00-4	
Dibromofluoromethane (S)	107	%	67-130		1		03/27/18 08:37	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/27/18 08:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: EX08 **Lab ID: 40166262004** Collected: 03/20/18 10:40 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 10:40		
Apparent Color	**N**	no units			1		03/20/18 10:40		
Odor	**N**	no units			1		03/20/18 10:40		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: GEW26 **Lab ID: 40166262005** Collected: 03/20/18 11:20 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.6**	ug/L	1.0	0.50	1		03/26/18 20:10	71-55-6	
1,1,2-Trichloroethane	**0.55J**	ug/L	1.0	0.20	1		03/26/18 20:10	79-00-5	
1,1-Dichloroethane	**16.6**	ug/L	1.0	0.24	1		03/26/18 20:10	75-34-3	
1,1-Dichloroethene	**1.5**	ug/L	1.0	0.41	1		03/26/18 20:10	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/26/18 20:10	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/26/18 20:10	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	95-50-1	
1,2-Dichloroethane	**0.62J**	ug/L	1.0	0.17	1		03/26/18 20:10	107-06-2	
1,2-Dichloropropane	**0.58J**	ug/L	1.0	0.23	1		03/26/18 20:10	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/26/18 20:10	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/26/18 20:10	67-64-1	
Benzene	**5.1**	ug/L	1.0	0.50	1		03/26/18 20:10	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/26/18 20:10	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/26/18 20:10	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	108-90-7	
Chloroethane	**1.6**	ug/L	1.0	0.37	1		03/26/18 20:10	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/26/18 20:10	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/26/18 20:10	74-95-3	
Dichlorodifluoromethane	**0.48J**	ug/L	1.0	0.22	1		03/26/18 20:10	75-71-8	
Ethylbenzene	**90.0**	ug/L	1.0	0.50	1		03/26/18 20:10	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/26/18 20:10	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/26/18 20:10	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/26/18 20:10	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	100-42-5	
Tetrachloroethene	**0.73J**	ug/L	1.0	0.50	1		03/26/18 20:10	127-18-4	
Tetrahydrofuran	**4.5J**	ug/L	5.0	2.0	1		03/26/18 20:10	109-99-9	
Toluene	**259**	ug/L	1.0	0.50	1		03/26/18 20:10	108-88-3	
Trichloroethene	**7.8**	ug/L	1.0	0.33	1		03/26/18 20:10	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/26/18 20:10	75-69-4	
Vinyl chloride	**2180**	ug/L	25.0	4.4	25		03/27/18 11:11	75-01-4	
Xylene (Total)	**483**	ug/L	75.0	37.5	25		03/27/18 11:11	1330-20-7	
cis-1,2-Dichloroethene	**3700**	ug/L	25.0	6.4	25		03/27/18 11:11	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 20:10	10061-01-5	
trans-1,2-Dichloroethene	**19.8**	ug/L	1.0	0.26	1		03/26/18 20:10	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/26/18 20:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	61-130		1		03/26/18 20:10	460-00-4	
Dibromofluoromethane (S)	112	%	67-130		1		03/26/18 20:10	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		03/26/18 20:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: GEW26 **Lab ID: 40166262005** Collected: 03/20/18 11:20 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	no units			1		03/20/18 11:20		
Apparent Color	**N**	no units			1		03/20/18 11:20		
Odor	**N**	no units			1		03/20/18 11:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: TW15 **Lab ID: 40166262006** Collected: 03/20/18 17:18 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.71J**	ug/L	1.0	0.50	1		03/27/18 08:59	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/27/18 08:59	79-00-5	
1,1-Dichloroethane	**0.34J**	ug/L	1.0	0.24	1		03/27/18 08:59	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/27/18 08:59	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/27/18 08:59	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/27/18 08:59	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/27/18 08:59	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/27/18 08:59	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/27/18 08:59	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/27/18 08:59	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/27/18 08:59	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/27/18 08:59	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/27/18 08:59	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/27/18 08:59	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/27/18 08:59	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/27/18 08:59	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/27/18 08:59	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/27/18 08:59	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/27/18 08:59	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	100-42-5	
Tetrachloroethene	**4.2**	ug/L	1.0	0.50	1		03/27/18 08:59	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/27/18 08:59	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	108-88-3	
Trichloroethene	**3.2**	ug/L	1.0	0.33	1		03/27/18 08:59	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/27/18 08:59	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		03/27/18 08:59	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/27/18 08:59	1330-20-7	
cis-1,2-Dichloroethene	**0.29J**	ug/L	1.0	0.26	1		03/27/18 08:59	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:59	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/27/18 08:59	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/27/18 08:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	61-130		1		03/27/18 08:59	460-00-4	
Dibromofluoromethane (S)	111	%	67-130		1		03/27/18 08:59	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/27/18 08:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: TW15 **Lab ID: 40166262006** Collected: 03/20/18 17:18 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 17:18		
Apparent Color	**N**	no units			1		03/20/18 17:18		
Odor	**N**	no units			1		03/20/18 17:18		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: MW10S **Lab ID: 40166262007** Collected: 03/20/18 18:40 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.1**	ug/L	1.0	0.50	1		03/27/18 09:21	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/27/18 09:21	79-00-5	
1,1-Dichloroethane	**1.9**	ug/L	1.0	0.24	1		03/27/18 09:21	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/27/18 09:21	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/27/18 09:21	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/27/18 09:21	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/27/18 09:21	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/27/18 09:21	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/27/18 09:21	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/27/18 09:21	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/27/18 09:21	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/27/18 09:21	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/27/18 09:21	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/27/18 09:21	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/27/18 09:21	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/27/18 09:21	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/27/18 09:21	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/27/18 09:21	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/27/18 09:21	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/27/18 09:21	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	108-88-3	
Trichloroethene	**51.3**	ug/L	1.0	0.33	1		03/27/18 09:21	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/27/18 09:21	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		03/27/18 09:21	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/27/18 09:21	1330-20-7	
cis-1,2-Dichloroethene	**71.7**	ug/L	1.0	0.26	1		03/27/18 09:21	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:21	10061-01-5	
trans-1,2-Dichloroethene	**2.5**	ug/L	1.0	0.26	1		03/27/18 09:21	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/27/18 09:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		03/27/18 09:21	460-00-4	
Dibromofluoromethane (S)	110	%	67-130		1		03/27/18 09:21	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		03/27/18 09:21	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: MW10S **Lab ID: 40166262007** Collected: 03/20/18 18:40 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 18:40		
Apparent Color	**N**	no units			1		03/20/18 18:40		
Odor	**N**	no units			1		03/20/18 18:40		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: MW10D **Lab ID: 40166262008** Collected: 03/20/18 18:20 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**2.5**	ug/L	1.0	0.50	1		03/27/18 09:43	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/27/18 09:43	79-00-5	
1,1-Dichloroethane	**1.8**	ug/L	1.0	0.24	1		03/27/18 09:43	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/27/18 09:43	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/27/18 09:43	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/27/18 09:43	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/27/18 09:43	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/27/18 09:43	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/27/18 09:43	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/27/18 09:43	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/27/18 09:43	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/27/18 09:43	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/27/18 09:43	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/27/18 09:43	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/27/18 09:43	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/27/18 09:43	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/27/18 09:43	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/27/18 09:43	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/27/18 09:43	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/27/18 09:43	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	108-88-3	
Trichloroethene	**101**	ug/L	1.0	0.33	1		03/27/18 09:43	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/27/18 09:43	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		03/27/18 09:43	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/27/18 09:43	1330-20-7	
cis-1,2-Dichloroethene	**85.8**	ug/L	1.0	0.26	1		03/27/18 09:43	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 09:43	10061-01-5	
trans-1,2-Dichloroethene	**2.4**	ug/L	1.0	0.26	1		03/27/18 09:43	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/27/18 09:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	61-130		1		03/27/18 09:43	460-00-4	
Dibromofluoromethane (S)	109	%	67-130		1		03/27/18 09:43	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/27/18 09:43	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: MW10D **Lab ID: 40166262008** Collected: 03/20/18 18:20 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 18:20		
Apparent Color	**N**	no units			1		03/20/18 18:20		
Odor	**N**	no units			1		03/20/18 18:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: MW10B **Lab ID: 40166262009** Collected: 03/20/18 19:00 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/27/18 10:05	79-00-5	
1,1-Dichloroethane	**0.60J**	ug/L	1.0	0.24	1		03/27/18 10:05	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/27/18 10:05	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/27/18 10:05	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/27/18 10:05	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/27/18 10:05	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/27/18 10:05	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/27/18 10:05	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/27/18 10:05	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/27/18 10:05	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/27/18 10:05	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/27/18 10:05	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/27/18 10:05	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/27/18 10:05	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/27/18 10:05	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/27/18 10:05	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/27/18 10:05	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/27/18 10:05	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/27/18 10:05	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	108-88-3	
Trichloroethene	**1.4**	ug/L	1.0	0.33	1		03/27/18 10:05	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/27/18 10:05	75-69-4	
Vinyl chloride	**1.2**	ug/L	1.0	0.18	1		03/27/18 10:05	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/27/18 10:05	1330-20-7	
cis-1,2-Dichloroethene	**16.7**	ug/L	1.0	0.26	1		03/27/18 10:05	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:05	10061-01-5	
trans-1,2-Dichloroethene	**0.40J**	ug/L	1.0	0.26	1		03/27/18 10:05	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/27/18 10:05	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	61-130		1		03/27/18 10:05	460-00-4	
Dibromofluoromethane (S)	114	%	67-130		1		03/27/18 10:05	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		03/27/18 10:05	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: MW10B **Lab ID: 40166262009** Collected: 03/20/18 19:00 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 19:00		
Apparent Color	**N**	no units			1		03/20/18 19:00		
Odor	**N**	no units			1		03/20/18 19:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: MW10B DUP **Lab ID: 40166262010** Collected: 03/20/18 19:10 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/27/18 10:27	79-00-5	
1,1-Dichloroethane	**0.65J**	ug/L	1.0	0.24	1		03/27/18 10:27	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/27/18 10:27	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/27/18 10:27	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/27/18 10:27	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/27/18 10:27	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/27/18 10:27	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/27/18 10:27	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/27/18 10:27	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/27/18 10:27	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/27/18 10:27	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/27/18 10:27	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/27/18 10:27	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/27/18 10:27	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/27/18 10:27	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/27/18 10:27	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/27/18 10:27	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/27/18 10:27	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/27/18 10:27	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	108-88-3	
Trichloroethene	**1.4**	ug/L	1.0	0.33	1		03/27/18 10:27	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/27/18 10:27	75-69-4	
Vinyl chloride	**1.4**	ug/L	1.0	0.18	1		03/27/18 10:27	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/27/18 10:27	1330-20-7	
cis-1,2-Dichloroethene	**17.4**	ug/L	1.0	0.26	1		03/27/18 10:27	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 10:27	10061-01-5	
trans-1,2-Dichloroethene	**0.35J**	ug/L	1.0	0.26	1		03/27/18 10:27	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/27/18 10:27	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		03/27/18 10:27	460-00-4	
Dibromofluoromethane (S)	111	%	67-130		1		03/27/18 10:27	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/27/18 10:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: MW10B DUP **Lab ID: 40166262010** Collected: 03/20/18 19:10 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 19:10		
Apparent Color	**N**	no units			1		03/20/18 19:10		
Odor	**N**	no units			1		03/20/18 19:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: PW1 **Lab ID: 40166262011** Collected: 03/20/18 16:11 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/26/18 18:20	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		03/26/18 18:20	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/26/18 18:20	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/26/18 18:20	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/26/18 18:20	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/26/18 18:20	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/26/18 18:20	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/26/18 18:20	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/26/18 18:20	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/26/18 18:20	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/26/18 18:20	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/26/18 18:20	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/26/18 18:20	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/26/18 18:20	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/26/18 18:20	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/26/18 18:20	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/26/18 18:20	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/26/18 18:20	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/26/18 18:20	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		03/26/18 18:20	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/26/18 18:20	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		03/26/18 18:20	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/26/18 18:20	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/26/18 18:20	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 18:20	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/26/18 18:20	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/26/18 18:20	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		03/26/18 18:20	460-00-4	
Dibromofluoromethane (S)	112	%	67-130		1		03/26/18 18:20	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		03/26/18 18:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: PW1 **Lab ID: 40166262011** Collected: 03/20/18 16:11 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 16:11		
Apparent Color	**N**	no units			1		03/20/18 16:11		
Odor	**N**	no units			1		03/20/18 16:11		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: PW3 **Lab ID: 40166262012** Collected: 03/20/18 16:25 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/27/18 08:15	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		03/27/18 08:15	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/27/18 08:15	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/27/18 08:15	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/27/18 08:15	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/27/18 08:15	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/27/18 08:15	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/27/18 08:15	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/27/18 08:15	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/27/18 08:15	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/27/18 08:15	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/27/18 08:15	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/27/18 08:15	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/27/18 08:15	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/27/18 08:15	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/27/18 08:15	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/27/18 08:15	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/27/18 08:15	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/27/18 08:15	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		03/27/18 08:15	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/27/18 08:15	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		03/27/18 08:15	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/27/18 08:15	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/27/18 08:15	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/27/18 08:15	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/27/18 08:15	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/27/18 08:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	61-130		1		03/27/18 08:15	460-00-4	
Dibromofluoromethane (S)	109	%	67-130		1		03/27/18 08:15	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		03/27/18 08:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: PW3 **Lab ID: 40166262012** Collected: 03/20/18 16:25 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		03/20/18 16:25		
Apparent Color	**N**	no units			1		03/20/18 16:25		
Odor	**N**	no units			1		03/20/18 16:25		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: TRIP BLANK **Lab ID: 40166262013** Collected: 03/20/18 19:20 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		03/26/18 17:58	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		03/26/18 17:58	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		03/26/18 17:58	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		03/26/18 17:58	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		03/26/18 17:58	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		03/26/18 17:58	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		03/26/18 17:58	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		03/26/18 17:58	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		03/26/18 17:58	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		03/26/18 17:58	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		03/26/18 17:58	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		03/26/18 17:58	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		03/26/18 17:58	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		03/26/18 17:58	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		03/26/18 17:58	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		03/26/18 17:58	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		03/26/18 17:58	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		03/26/18 17:58	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		03/26/18 17:58	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		03/26/18 17:58	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		03/26/18 17:58	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		03/26/18 17:58	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		03/26/18 17:58	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/26/18 17:58	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		03/26/18 17:58	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		03/26/18 17:58	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		03/26/18 17:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	61-130		1		03/26/18 17:58	460-00-4	
Dibromofluoromethane (S)	108	%	67-130		1		03/26/18 17:58	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		03/26/18 17:58	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Sample: EX01A **Lab ID: 40166262014** Collected: 03/20/18 00:00 Received: 03/22/18 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Well Broken	**0**	no units			1		03/20/18 00:00		

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

QC Batch: 284107 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40166262001, 40166262002, 40166262003, 40166262004, 40166262005, 40166262006, 40166262007, 40166262008, 40166262009, 40166262010, 40166262011, 40166262012, 40166262013

METHOD BLANK: 1662975 | Matrix: Water
Associated Lab Samples: 40166262001, 40166262002, 40166262003, 40166262004, 40166262005, 40166262006, 40166262007, 40166262008, 40166262009, 40166262010, 40166262011, 40166262012, 40166262013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	03/26/18 15:46	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	03/26/18 15:46	
1,1-Dichloroethane	ug/L	<0.24	1.0	03/26/18 15:46	
1,1-Dichloroethene	ug/L	<0.41	1.0	03/26/18 15:46	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	03/26/18 15:46	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	03/26/18 15:46	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	03/26/18 15:46	
1,2-Dichloroethane	ug/L	<0.17	1.0	03/26/18 15:46	
1,2-Dichloropropane	ug/L	<0.23	1.0	03/26/18 15:46	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	03/26/18 15:46	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	03/26/18 15:46	
2-Butanone (MEK)	ug/L	<3.0	20.0	03/26/18 15:46	
Acetone	ug/L	<3.0	20.0	03/26/18 15:46	
Benzene	ug/L	<0.50	1.0	03/26/18 15:46	
Bromodichloromethane	ug/L	<0.50	1.0	03/26/18 15:46	
Bromoform	ug/L	<0.50	1.0	03/26/18 15:46	
Bromomethane	ug/L	<2.4	5.0	03/26/18 15:46	
Carbon disulfide	ug/L	<0.61	5.0	03/26/18 15:46	
Carbon tetrachloride	ug/L	<0.50	1.0	03/26/18 15:46	
Chlorobenzene	ug/L	<0.50	1.0	03/26/18 15:46	
Chloroethane	ug/L	<0.37	1.0	03/26/18 15:46	
Chloroform	ug/L	<2.5	5.0	03/26/18 15:46	
Chloromethane	ug/L	<0.50	1.0	03/26/18 15:46	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	03/26/18 15:46	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	03/26/18 15:46	
Dibromochloromethane	ug/L	<0.50	1.0	03/26/18 15:46	
Dibromomethane	ug/L	<0.43	1.0	03/26/18 15:46	
Dichlorodifluoromethane	ug/L	<0.22	1.0	03/26/18 15:46	
Ethylbenzene	ug/L	<0.50	1.0	03/26/18 15:46	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	03/26/18 15:46	
Methylene Chloride	ug/L	<0.23	1.0	03/26/18 15:46	
Naphthalene	ug/L	<2.5	5.0	03/26/18 15:46	
Styrene	ug/L	<0.50	1.0	03/26/18 15:46	
Tetrachloroethene	ug/L	<0.50	1.0	03/26/18 15:46	
Tetrahydrofuran	ug/L	<2.0	5.0	03/26/18 15:46	
Toluene	ug/L	<0.50	1.0	03/26/18 15:46	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	03/26/18 15:46	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	03/26/18 15:46	
Trichloroethene	ug/L	<0.33	1.0	03/26/18 15:46	
Trichlorofluoromethane	ug/L	<0.18	1.0	03/26/18 15:46	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

METHOD BLANK: 1662975 Matrix: Water

Associated Lab Samples: 40166262001, 40166262002, 40166262003, 40166262004, 40166262005, 40166262006, 40166262007, 40166262008, 40166262009, 40166262010, 40166262011, 40166262012, 40166262013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.18	1.0	03/26/18 15:46	
Xylene (Total)	ug/L	<1.5	3.0	03/26/18 15:46	
4-Bromofluorobenzene (S)	%	86	61-130	03/26/18 15:46	
Dibromofluoromethane (S)	%	110	67-130	03/26/18 15:46	
Toluene-d8 (S)	%	98	70-130	03/26/18 15:46	

LABORATORY CONTROL SAMPLE: 1662976

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	60.4	121	70-130	
1,1,2-Trichloroethane	ug/L	50	54.4	109	70-130	
1,1-Dichloroethane	ug/L	50	59.8	120	71-132	
1,1-Dichloroethene	ug/L	50	60.9	122	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	54.2	108	70-130	
1,2-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,2-Dichloroethane	ug/L	50	57.8	116	70-131	
1,2-Dichloropropane	ug/L	50	53.8	108	80-120	
1,3-Dichlorobenzene	ug/L	50	52.6	105	70-130	
1,4-Dichlorobenzene	ug/L	50	54.5	109	70-130	
Benzene	ug/L	50	56.0	112	73-145	
Bromodichloromethane	ug/L	50	54.7	109	70-130	
Bromoform	ug/L	50	55.8	112	67-130	
Bromomethane	ug/L	50	38.8	78	26-128	
Carbon disulfide	ug/L	50	57.8	116	72-156	
Carbon tetrachloride	ug/L	50	60.7	121	70-133	
Chlorobenzene	ug/L	50	54.9	110	70-130	
Chloroethane	ug/L	50	55.1	110	58-120	
Chloroform	ug/L	50	58.7	117	80-121	
Chloromethane	ug/L	50	48.4	97	40-127	
cis-1,2-Dichloroethene	ug/L	50	56.4	113	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.7	101	70-130	
Dibromochloromethane	ug/L	50	55.9	112	70-130	
Dichlorodifluoromethane	ug/L	50	33.6	67	20-135	
Ethylbenzene	ug/L	50	55.1	110	87-129	
Methyl-tert-butyl ether	ug/L	50	51.2	102	66-143	
Methylene Chloride	ug/L	50	54.6	109	70-130	
Styrene	ug/L	50	54.3	109	70-130	
Tetrachloroethene	ug/L	50	52.0	104	70-130	
Toluene	ug/L	50	53.5	107	82-130	
trans-1,2-Dichloroethene	ug/L	50	57.6	115	75-132	
trans-1,3-Dichloropropene	ug/L	50	49.2	98	70-130	
Trichloroethene	ug/L	50	54.7	109	70-130	

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

LABORATORY CONTROL SAMPLE: 1662976

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichlorofluoromethane	ug/L	50	63.8	128	76-133	
Vinyl chloride	ug/L	50	53.0	106	57-136	
Xylene (Total)	ug/L	150	165	110	70-130	
4-Bromofluorobenzene (S)	%			98	61-130	
Dibromofluoromethane (S)	%			111	67-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1663097 1663098

Parameter	Units	40166262011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	60.3	61.4	121	123	70-134	2	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	54.8	57.7	110	115	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	60.9	61.8	122	124	71-133	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	59.5	60.9	119	122	75-136	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	45.8	47.5	92	95	63-123	4	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	53.9	57.4	108	115	70-130	6	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.4	54.6	105	109	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	59.3	59.7	119	119	70-131	1	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	53.6	55.4	107	111	80-120	3	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.9	54.2	106	108	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	54.3	56.5	109	113	70-130	4	20	
Benzene	ug/L	<0.50	50	50	56.4	56.9	113	114	73-145	1	20	
Bromodichloromethane	ug/L	<0.50	50	50	53.8	57.1	108	114	70-130	6	20	
Bromoform	ug/L	<0.50	50	50	57.6	59.8	115	120	67-130	4	20	
Bromomethane	ug/L	<2.4	50	50	38.1	38.9	76	78	26-129	2	20	
Carbon disulfide	ug/L	<0.61	50	50	57.4	57.8	115	116	72-156	1	30	
Carbon tetrachloride	ug/L	<0.50	50	50	61.4	62.0	123	124	70-134	1	20	
Chlorobenzene	ug/L	<0.50	50	50	55.9	58.9	112	118	70-130	5	20	
Chloroethane	ug/L	<0.37	50	50	56.3	55.5	113	111	58-120	1	20	
Chloroform	ug/L	<2.5	50	50	59.3	60.5	119	121	80-121	2	20	
Chloromethane	ug/L	<0.50	50	50	48.1	47.3	96	95	40-128	2	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	50.8	53.1	102	106	70-130	4	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	52.4	53.0	105	106	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	58.0	60.8	116	122	70-130	5	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	31.1	31.4	62	63	20-146	1	20	
Ethylbenzene	ug/L	<0.50	50	50	55.5	59.1	111	118	87-129	6	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	51.3	52.7	103	105	66-143	3	20	
Methylene Chloride	ug/L	<0.23	50	50	55.3	56.3	111	113	70-130	2	20	
Styrene	ug/L	<0.50	50	50	54.8	56.5	110	113	70-130	3	20	
Tetrachloroethene	ug/L	<0.50	50	50	54.0	56.8	108	114	70-130	5	20	
Toluene	ug/L	<0.50	50	50	54.7	56.5	109	113	82-131	3	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	57.4	57.6	115	115	75-135	0	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	50.5	52.2	101	104	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1663097 1663098

Parameter	Units	40166262011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Trichloroethene	ug/L	<0.33	50	50	54.8	57.5	110	115	70-130	5	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	63.2	63.6	126	127	76-150	1	20	
Vinyl chloride	ug/L	<0.18	50	50	52.4	48.6	105	97	56-143	8	20	
Xylene (Total)	ug/L	<1.5	150	150	167	175	112	117	70-130	5	20	
4-Bromofluorobenzene (S)	%						98	101	61-130			
Dibromofluoromethane (S)	%						107	108	67-130			
Toluene-d8 (S)	%						99	101	70-130			

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QUALIFIERS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40166262

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40166262001	**EX04**	EPA 8260	284107		
40166262002	**EX05**	EPA 8260	284107		
40166262003	**EX07**	EPA 8260	284107		
40166262004	**EX08**	EPA 8260	284107		
40166262005	**GEW26**	EPA 8260	284107		
40166262006	**TW15**	EPA 8260	284107		
40166262007	**MW10S**	EPA 8260	284107		
40166262008	**MW10D**	EPA 8260	284107		
40166262009	**MW10B**	EPA 8260	284107		
40166262010	**MW10B DUP**	EPA 8260	284107		
40166262011	**PW1**	EPA 8260	284107		
40166262012	**PW3**	EPA 8260	284107		
40166262013	**TRIP BLANK**	EPA 8260	284107		

40166262001	**EX04**
40166262002	**EX05**
40166262003	**EX07**
40166262004	**EX08**
40166262005	**GEW26**
40166262006	**TW15**
40166262007	**MW10S**
40166262008	**MW10D**
40166262009	**MW10B**
40166262010	**MW10B DUP**
40166262011	**PW1**
40166262012	**PW3**
40166262014	**EX01A**

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

COC No. 40166262

CHAIN OF CUSTODY

(Please Print Clearly)

Company Name:	AECOM
Branch/Location:	Middleton, WI
Project Contact:	Leo Linnemanstons
Phone:	(608) 828-8208
Project Number:	60485031
Project Name:	Schuster Drive Landfill
Project State:	WI
Sampled By (Print):	Brad Gliszczinski
Sampled By (Sign):	Brad Gliszczinski
PO #:	
Regulatory Program:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	Leo Linnemanstons
Mail To Company:	AECOM - Middleton
Mail To Address:	
Invoice To Contact:	Leo Linnemanstons
Invoice To Company:	AECOM - Middleton
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) PRESERVATION (CODE)* Y/N	Pick Letter	Analyses Requested: VOCs 8260 (NR507 list)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile # 171
001	EX04	3/20/18	0945	GW	N	B	3			
002	EX05		1000	GW			3			
003	EX07		1110	GW			3			
004	EX08		1040	GW			3			
005	GEW26		1120	GW			3			
006	TW15		1718	GW			3			
007	MW10S		1840	GW			3			
008	MW10D		1820	GW			3			
009	MW10B		1900	GW			3			
010	MW10B-DUP		1910	GW			3			
011	PW1		1611	W			3			
012	PW3		1625	W			3			
013	Trip Blank	↓	1920	W			2			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Brad Gliszczinski	3/21/18 0700	Mary Fannin	3/21/18 1267
Mary Fannin	3/21/18 1530		
Stacy Stacy	3/22/18 0825	DSems pace	3/22/18 0825

PACE Project No. 40166262

Receipt Temp = 3.5 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0, 06/14/06

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: AECOM

Project # 40166262

All containers needing preservation have been checked and noted below: □Yes □No ☑N/A Lab Std #ID of preservation (if pH adjusted):

Initial when completed: Date/ Time:

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																																	
002																		3															2.5 / 5 / 10
003																		3															2.5 / 5 / 10
004																		3															2.5 / 5 / 10
005																		3															2.5 / 5 / 10
006																		3															2.5 / 5 / 10
007																		3															2.5 / 5 / 10
008																		3															2.5 / 5 / 10
009																		3															2.5 / 5 / 10
010																		3															2.5 / 5 / 10
011																		3															2.5 / 5 / 10
012																		3															2.5 / 5 / 10
013																		3															2.5 / 5 / 10
014																		2									1						2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : □Yes □No ☑N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 31Jan2018
	Document No.: F-GB-C-031-rev.06	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40166262

40166262

Client Name: AECOM

Courier: ☑ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other:

Tracking #:

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

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - 66 **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3 /Corr: 3.5

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 3/22/18
Initials: DS

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume: ☐Yes ☑No ☐N/A MS/MSD	☐Yes ☑No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 372		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 3/22/18

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 01, 2018

Leo B. Linnemanstons, P.G.
AECOM, Inc. - Madison
1350 Deming Way
Suite 100
Middleton, WI 53562

RE: Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Dear Leo Linnemanstons, P.G.:
Enclosed are the analytical results for sample(s) received by the laboratory on June 22, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Sarah Engelhardt, AECOM, Inc.

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CERTIFICATIONS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40171378001	**TW15**	Water	06/19/18 09:25	06/22/18 15:05
40171378002	**MW8**	Water	06/19/18 10:25	06/22/18 15:05
40171378003	**MW10S**	Water	06/19/18 11:30	06/22/18 15:05
40171378004	**C2**	Water	06/19/18 10:40	06/22/18 15:05
40171378005	**MW10D**	Water	06/19/18 11:25	06/22/18 15:05
40171378006	**MW10B**	Water	06/19/18 11:45	06/22/18 15:05
40171378007	**E1**	Water	06/19/18 12:45	06/22/18 15:05
40171378008	**E2**	Water	06/19/18 13:25	06/22/18 15:05
40171378009	**E3**	Water	06/19/18 13:05	06/22/18 15:05
40171378010	**D3**	Water	06/19/18 15:40	06/22/18 15:05
40171378011	**D1**	Water	06/19/18 16:05	06/22/18 15:05
40171378012	**D2**	Water	06/19/18 16:45	06/22/18 15:05
40171378013	**MW1**	Water	06/20/18 09:20	06/22/18 15:05
40171378014	**MW2**	Water	06/20/18 09:45	06/22/18 15:05
40171378015	**MW3**	Water	06/20/18 10:20	06/22/18 15:05
40171378016	**MW4**	Water	06/20/18 10:45	06/22/18 15:05
40171378017	**TW6**	Water	06/20/18 12:05	06/22/18 15:05
40171378018	**PW1**	Water	06/20/18 13:15	06/22/18 15:05
40171378019	**TW9**	Water	06/20/18 14:05	06/22/18 15:05
40171378020	**TW10R**	Water	06/20/18 15:20	06/22/18 15:05
40171378021	**TW13**	Water	06/20/18 15:45	06/22/18 15:05
40171378022	**TW12**	Water	06/20/18 16:10	06/22/18 15:05
40171378023	**TW7**	Water	06/20/18 16:30	06/22/18 15:05
40171378024	**MW14**	Water	06/20/18 15:00	06/22/18 15:05
40171378025	**TW11**	Water	06/21/18 09:20	06/22/18 15:05
40171378026	**MW7**	Water	06/21/18 09:40	06/22/18 15:05
40171378027	**TW16**	Water	06/21/18 10:50	06/22/18 15:05
40171378028	**PW3**	Water	06/21/18 10:25	06/22/18 15:05
40171378029	**EX7**	Water	06/21/18 09:45	06/22/18 15:05
40171378030	**GEW26**	Water	06/21/18 10:05	06/22/18 15:05
40171378031	**EX8**	Water	06/21/18 11:20	06/22/18 15:05
40171378032	**MW5**	Water	06/21/18 11:20	06/22/18 15:05
40171378033	**MW5 DUP**	Water	06/21/18 11:20	06/22/18 15:05
40171378034	**MW6**	Water	06/21/18 12:10	06/22/18 15:05
40171378035	**MW6 DUP**	Water	06/21/18 12:10	06/22/18 15:05
40171378036	**EX4**	Water	06/21/18 11:30	06/22/18 15:05
40171378037	**EX5**	Water	06/21/18 10:15	06/22/18 15:05

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SAMPLE SUMMARY

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40171378038	**PW8 NEW**	Water	06/21/18 11:50	06/22/18 15:05
40171378039	**PW51**	Water	06/21/18 12:20	06/22/18 15:05
40171378040	**PW57**	Water	06/21/18 12:35	06/22/18 15:05
40171378041	**PW259**	Water	06/21/18 12:55	06/22/18 15:05
40171378042	**PW20**	Water	06/21/18 12:10	06/22/18 15:05
40171378043	**PW260**	Water	06/21/18 13:10	06/22/18 15:05
40171378044	**PW221**	Water	06/21/18 13:20	06/22/18 15:05
40171378045	**PW271**	Water	06/21/18 13:00	06/22/18 15:05
40171378046	**PW264**	Water	06/21/18 13:15	06/22/18 15:05
40171378047	**A1**	Water	06/21/18 14:50	06/22/18 15:05
40171378048	**A2**	Water	06/21/18 14:45	06/22/18 15:05
40171378049	**F1**	Water	06/21/18 10:35	06/22/18 15:05
40171378050	**C-WELL**	Water	06/21/18 15:30	06/22/18 15:05
40171378051	**EQUIPMENT BLANK (PUMP)**	Water	06/21/18 15:30	06/22/18 15:05
40171378052	**EQUIPMENT BLANK (BAILER)**	Water	06/20/18 16:45	06/22/18 15:05
40171378053	**TRIP BLANK**	Water	06/19/18 08:00	06/22/18 15:05
40171378054	**MW8 DUP**	Water	06/19/18 10:25	06/22/18 15:05
40171378055	**MW10B DUP**	Water	06/19/18 11:45	06/22/18 15:05
40171378056	**TW6 DUP**	Water	06/20/18 12:05	06/22/18 15:05
40171378057	**TW7 DUP**	Water	06/20/18 16:30	06/22/18 15:05
40171378058	**PW269**	Water	06/12/18 08:30	06/22/18 15:05
40171378059	**PW270**	Water	06/12/18 08:40	06/22/18 15:05

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SAMPLE ANALYTE COUNT

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40171378001	**TW15**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378002	**MW8**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378003	**MW10S**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378004	**C2**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378005	**MW10D**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378006	**MW10B**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378007	**E1**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378008	**E2**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378009	**E3**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378010	**D3**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378011	**D1**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378012	**D2**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378013	**MW1**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378014	**MW2**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378015	**MW3**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378016	**MW4**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378017	**TW6**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378018	**PW1**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378019	**TW9**	EPA 8260	LAP	45	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
			AXL	3	PASI-G
40171378020	**TW10R**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378021	**TW13**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378022	**TW12**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378023	**TW7**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378024	**MW14**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378025	**TW11**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378026	**MW7**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378027	**TW16**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378028	**PW3**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378029	**EX7**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378030	**GEW26**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378031	**EX8**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378032	**MW5**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378033	**MW5 DUP**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378034	**MW6**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378035	**MW6 DUP**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378036	**EX4**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378037	**EX5**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40171378038	**PW8 NEW**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378039	**PW51**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378040	**PW57**	EPA 8260	LAP	45	PASI-G
			AXL	3	PASI-G
40171378041	**PW259**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378042	**PW20**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378043	**PW260**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378044	**PW221**	EPA 8260	MDS	45	PASI-G
40171378045	**PW271**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378046	**PW264**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378047	**A1**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378048	**A2**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378049	**F1**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378050	**C-WELL**		AXL	3	PASI-G
		SM 2540D	KTS	1	PASI-G
40171378051	**EQUIPMENT BLANK (PUMP)**	EPA 8260	MDS	45	PASI-G
40171378052	**EQUIPMENT BLANK (BAILER)**	EPA 8260	MDS	45	PASI-G
40171378053	**TRIP BLANK**	EPA 8260	MDS	45	PASI-G
40171378054	**MW8 DUP**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378055	**MW10B DUP**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378056	**TW6 DUP**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378057	**TW7 DUP**	EPA 8260	MDS	45	PASI-G
			AXL	3	PASI-G
40171378058	**PW269**	EPA 8260	MDS	45	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
			AXL	2	PASI-G
40171378059	**PW270**	EPA 8260	MDS	45	PASI-G
			AXL	2	PASI-G

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40171378001	**TW15**					
EPA 8260	1,1,1-Trichloroethane	0.72J	ug/L	1.0	06/28/18 18:39	
EPA 8260	1,1-Dichloroethane	0.29J	ug/L	1.0	06/28/18 18:39	
EPA 8260	Tetrachloroethene	4.3	ug/L	1.0	06/28/18 18:39	
EPA 8260	Trichloroethene	3.4	ug/L	1.0	06/28/18 18:39	
	Turbidity	0	NTU		06/19/18 09:25	
	Apparent Color	0	no units		06/19/18 09:25	
	Odor	N	no units		06/19/18 09:25	
40171378002	**MW8**					
	Turbidity	0	NTU		06/19/18 10:25	
	Apparent Color	0	no units		06/19/18 10:25	
	Odor	N	no units		06/19/18 10:25	
40171378003	**MW10S**					
EPA 8260	1,1,1-Trichloroethane	0.67J	ug/L	1.0	06/28/18 19:24	
EPA 8260	1,1-Dichloroethane	1.6	ug/L	1.0	06/28/18 19:24	
EPA 8260	Trichloroethene	42.5	ug/L	1.0	06/28/18 19:24	
EPA 8260	cis-1,2-Dichloroethene	70.8	ug/L	1.0	06/28/18 19:24	
EPA 8260	trans-1,2-Dichloroethene	2.8	ug/L	1.0	06/28/18 19:24	
	Turbidity	N	NTU		06/19/18 11:30	
	Apparent Color	N	no units		06/19/18 11:30	
	Odor	N	no units		06/19/18 11:30	
40171378004	**C2**					
EPA 8260	Trichloroethene	0.55J	ug/L	1.0	06/28/18 19:47	
	Turbidity	0	NTU		06/19/18 10:40	
	Apparent Color	N	no units		06/19/18 10:40	
	Odor	N	no units		06/19/18 10:40	
40171378005	**MW10D**					
EPA 8260	1,1,1-Trichloroethane	2.3	ug/L	1.0	06/28/18 20:10	
EPA 8260	1,1-Dichloroethane	1.9	ug/L	1.0	06/28/18 20:10	
EPA 8260	Dichlorodifluoromethane	0.24J	ug/L	1.0	06/28/18 20:10	
EPA 8260	Trichloroethene	108	ug/L	1.0	06/28/18 20:10	
EPA 8260	cis-1,2-Dichloroethene	95.5	ug/L	1.0	06/28/18 20:10	
EPA 8260	trans-1,2-Dichloroethene	2.2	ug/L	1.0	06/28/18 20:10	
	Turbidity	N	NTU		06/19/18 11:25	
	Apparent Color	N	no units		06/19/18 11:25	
	Odor	N	no units		06/19/18 11:25	
40171378006	**MW10B**					
EPA 8260	1,1,1-Trichloroethane	0.94J	ug/L	1.0	06/28/18 20:33	
EPA 8260	1,1-Dichloroethane	0.45J	ug/L	1.0	06/28/18 20:33	
EPA 8260	Trichloroethene	16.8	ug/L	1.0	06/28/18 20:33	
EPA 8260	cis-1,2-Dichloroethene	12.0	ug/L	1.0	06/28/18 20:33	
	Turbidity	N	NTU		06/19/18 11:45	
	Apparent Color	N	no units		06/19/18 11:45	
	Odor	0	no units		06/19/18 11:45	

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40171378007	**E1**					
EPA 8260	Acetone	3.3J	ug/L	20.0	06/28/18 20:56	L1
EPA 8260	Dichlorodifluoromethane	0.86J	ug/L	1.0	06/28/18 20:56	
EPA 8260	Trichloroethene	0.86J	ug/L	1.0	06/28/18 20:56	
	Turbidity	0	NTU		06/19/18 12:45	
	Apparent Color	0	no units		06/19/18 12:45	
	Odor	N	no units		06/19/18 12:45	
40171378008	**E2**					
	Turbidity	N	NTU		06/19/18 13:25	
	Apparent Color	N	no units		06/19/18 13:25	
	Odor	N	no units		06/19/18 13:25	
40171378009	**E3**					
	Turbidity	N	NTU		06/19/18 13:05	
	Apparent Color	N	no units		06/19/18 13:05	
	Odor	N	no units		06/19/18 13:05	
40171378010	**D3**					
	Turbidity	N	NTU		06/19/18 15:40	
	Apparent Color	0	no units		06/19/18 15:40	
	Odor	N	no units		06/19/18 15:40	
40171378011	**D1**					
EPA 8260	1,1,1-Trichloroethane	1.9	ug/L	1.0	06/28/18 22:27	
EPA 8260	Dichlorodifluoromethane	0.86J	ug/L	1.0	06/28/18 22:27	
EPA 8260	Tetrachloroethene	1.5	ug/L	1.0	06/28/18 22:27	
EPA 8260	Trichloroethene	3.9	ug/L	1.0	06/28/18 22:27	
	Turbidity	0	NTU		06/19/18 16:05	
	Apparent Color	0	no units		06/19/18 16:05	
	Odor	N	no units		06/19/18 16:05	
40171378012	**D2**					
EPA 8260	Chloroethane	2.6	ug/L	1.0	06/28/18 22:49	
	Turbidity	0	NTU		06/19/18 16:45	
	Apparent Color	0	no units		06/19/18 16:45	
	Odor	N	no units		06/19/18 16:45	
40171378013	**MW1**					
EPA 8260	Tetrachloroethene	1.6	ug/L	1.0	06/28/18 23:12	
EPA 8260	Trichloroethene	3.7	ug/L	1.0	06/28/18 23:12	
EPA 8260	cis-1,2-Dichloroethene	0.54J	ug/L	1.0	06/28/18 23:12	
	Turbidity	0	NTU		06/20/18 09:20	
	Apparent Color	N	no units		06/20/18 09:20	
	Odor	N	no units		06/20/18 09:20	
40171378014	**MW2**					
EPA 8260	1,1-Dichloroethane	2.1	ug/L	1.0	06/28/18 23:35	
EPA 8260	Benzene	1.1	ug/L	1.0	06/28/18 23:35	
EPA 8260	Chloroethane	1.8	ug/L	1.0	06/28/18 23:35	
EPA 8260	Dichlorodifluoromethane	0.41J	ug/L	1.0	06/28/18 23:35	

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40171378014	**MW2**					
EPA 8260	Tetrahydrofuran	3.6J	ug/L	5.0	06/28/18 23:35	
EPA 8260	Vinyl chloride	59.5	ug/L	1.0	06/28/18 23:35	
EPA 8260	cis-1,2-Dichloroethene	10.6	ug/L	1.0	06/28/18 23:35	
EPA 8260	trans-1,2-Dichloroethene	0.58J	ug/L	1.0	06/28/18 23:35	
	Turbidity	0	NTU		06/20/18 09:45	
	Apparent Color	N	no units		06/20/18 09:45	
	Odor	N	no units		06/20/18 09:45	
40171378015	**MW3**					
EPA 8260	1,1-Dichloroethane	3.2	ug/L	1.0	06/28/18 23:58	
EPA 8260	1,2-Dichloroethane	0.22J	ug/L	1.0	06/28/18 23:58	
EPA 8260	Benzene	1.5	ug/L	1.0	06/28/18 23:58	
EPA 8260	Chloroethane	1.8	ug/L	1.0	06/28/18 23:58	
EPA 8260	Dichlorodifluoromethane	0.53J	ug/L	1.0	06/28/18 23:58	
EPA 8260	Tetrahydrofuran	4.2J	ug/L	5.0	06/28/18 23:58	
EPA 8260	Vinyl chloride	36.4	ug/L	1.0	06/28/18 23:58	
EPA 8260	cis-1,2-Dichloroethene	11.6	ug/L	1.0	06/28/18 23:58	
	Turbidity	0	NTU		06/20/18 10:20	
	Apparent Color	N	no units		06/20/18 10:20	
	Odor	N	no units		06/20/18 10:20	
40171378016	**MW4**					
EPA 8260	1,1-Dichloroethane	2.0	ug/L	1.0	06/29/18 00:20	
EPA 8260	1,2-Dichloroethane	0.36J	ug/L	1.0	06/29/18 00:20	
EPA 8260	Acetone	4.8J	ug/L	20.0	06/29/18 00:20	L1
EPA 8260	Benzene	0.74J	ug/L	1.0	06/29/18 00:20	
EPA 8260	Chloroethane	85.0	ug/L	1.0	06/29/18 00:20	
EPA 8260	Methyl-tert-butyl ether	0.21J	ug/L	1.0	06/29/18 00:20	
EPA 8260	Tetrahydrofuran	16.6	ug/L	5.0	06/29/18 00:20	
EPA 8260	Trichloroethene	0.39J	ug/L	1.0	06/29/18 00:20	
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	06/29/18 00:20	
EPA 8260	trans-1,2-Dichloroethene	0.29J	ug/L	1.0	06/29/18 00:20	
	Turbidity	0	NTU		06/20/18 10:45	
	Apparent Color	N	no units		06/20/18 10:45	
	Odor	N	no units		06/20/18 10:45	
40171378017	**TW6**					
EPA 8260	1,1-Dichloroethane	31.0	ug/L	1.0	06/29/18 00:43	
EPA 8260	1,2-Dichloroethane	0.51J	ug/L	1.0	06/29/18 00:43	
EPA 8260	Acetone	4.4J	ug/L	20.0	06/29/18 00:43	L1
EPA 8260	Chloroethane	6.3	ug/L	1.0	06/29/18 00:43	
EPA 8260	Dichlorodifluoromethane	0.57J	ug/L	1.0	06/29/18 00:43	
EPA 8260	Tetrahydrofuran	2.2J	ug/L	5.0	06/29/18 00:43	
EPA 8260	Vinyl chloride	1.5	ug/L	1.0	06/29/18 00:43	
EPA 8260	cis-1,2-Dichloroethene	0.69J	ug/L	1.0	06/29/18 00:43	
	Turbidity	0	NTU		06/20/18 12:05	
	Apparent Color	0	no units		06/20/18 12:05	
	Odor	0	no units		06/20/18 12:05	

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(920)469-2436

SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40171378018	**PW1**					
	Turbidity	0	NTU		06/20/18 13:15	
	Apparent Color	N	no units		06/20/18 13:15	
	Odor	N	no units		06/20/18 13:15	
40171378019	**TW9**					
EPA 8260	Tetrahydrofuran	2.7J	ug/L	5.0	06/29/18 01:29	
	Turbidity	0	NTU		06/20/18 14:05	
	Apparent Color	N	no units		06/20/18 14:05	
	Odor	N	no units		06/20/18 14:05	
40171378020	**TW10R**					
EPA 8260	1,1,1-Trichloroethane	1.0	ug/L	1.0	06/29/18 08:10	
EPA 8260	1,1-Dichloroethane	0.99J	ug/L	1.0	06/29/18 08:10	
EPA 8260	Dichlorodifluoromethane	0.60J	ug/L	1.0	06/29/18 08:10	
EPA 8260	Tetrachloroethene	3.4	ug/L	1.0	06/29/18 08:10	
EPA 8260	Trichloroethene	173	ug/L	1.0	06/29/18 08:10	
EPA 8260	cis-1,2-Dichloroethene	2.8	ug/L	1.0	06/29/18 08:10	
EPA 8260	trans-1,2-Dichloroethene	0.43J	ug/L	1.0	06/29/18 08:10	
	Turbidity	0	NTU		06/20/18 15:20	
	Apparent Color	N	no units		06/20/18 15:20	
	Odor	N	no units		06/20/18 15:20	
40171378021	**TW13**					
	Turbidity	0	NTU		06/20/18 15:45	
	Apparent Color	0	no units		06/20/18 15:45	
	Odor	N	no units		06/20/18 15:45	
40171378022	**TW12**					
EPA 8260	Dichlorodifluoromethane	0.53J	ug/L	1.0	06/29/18 13:07	
	Turbidity	0	NTU		06/20/18 16:10	
	Apparent Color	N	no units		06/20/18 16:10	
	Odor	N	no units		06/20/18 16:10	
40171378023	**TW7**					
EPA 8260	1,1-Dichloroethane	1.1	ug/L	1.0	06/29/18 10:04	
EPA 8260	Chloroethane	0.47J	ug/L	1.0	06/29/18 10:04	
EPA 8260	Dichlorodifluoromethane	0.36J	ug/L	1.0	06/29/18 10:04	
EPA 8260	Vinyl chloride	8.2	ug/L	1.0	06/29/18 10:04	
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	06/29/18 10:04	
	Turbidity	0	NTU		06/20/18 16:30	
	Apparent Color	N	no units		06/20/18 16:30	
	Odor	N	no units		06/20/18 16:30	
40171378024	**MW14**					
EPA 8260	Dichlorodifluoromethane	0.35J	ug/L	1.0	06/29/18 10:49	
EPA 8260	Tetrachloroethene	3.9	ug/L	1.0	06/29/18 10:49	
EPA 8260	Trichloroethene	66.3	ug/L	1.0	06/29/18 10:49	
EPA 8260	cis-1,2-Dichloroethene	3.9	ug/L	1.0	06/29/18 10:49	
	Turbidity	0	NTU		06/20/18 15:00	
	Apparent Color	N	no units		06/20/18 15:00	

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40171378024	**MW14**					
	Odor	N	no units		06/20/18 15:00	
40171378025	**TW11**					
	Turbidity	N	NTU		06/21/18 09:20	
	Apparent Color	N	no units		06/21/18 09:20	
	Odor	N	no units		06/21/18 09:20	
40171378026	**MW7**					
EPA 8260	1,1,1-Trichloroethane	0.67J	ug/L	1.0	06/29/18 13:52	
EPA 8260	Trichloroethene	1.5	ug/L	1.0	06/29/18 13:52	
	Turbidity	0	NTU		06/21/18 09:40	
	Apparent Color	N	no units		06/21/18 09:40	
	Odor	N	no units		06/21/18 09:40	
40171378027	**TW16**					
EPA 8260	1,1,1-Trichloroethane	0.59J	ug/L	1.0	06/29/18 14:15	
EPA 8260	1,1-Dichloroethane	2.0	ug/L	1.0	06/29/18 14:15	
EPA 8260	Dichlorodifluoromethane	0.39J	ug/L	1.0	06/29/18 14:15	
EPA 8260	Tetrachloroethene	1.5	ug/L	1.0	06/29/18 14:15	
EPA 8260	Trichloroethene	7.8	ug/L	1.0	06/29/18 14:15	
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	06/29/18 14:15	
	Turbidity	N	NTU		06/21/18 10:50	
	Apparent Color	N	no units		06/21/18 10:50	
	Odor	N	no units		06/21/18 10:50	
40171378028	**PW3**					
	Turbidity	N	NTU		06/21/18 10:25	
	Apparent Color	N	no units		06/21/18 10:25	
	Odor	N	no units		06/21/18 10:25	
40171378029	**EX7**					
EPA 8260	1,1-Dichloroethane	4.3	ug/L	1.0	06/29/18 11:35	
EPA 8260	1,1-Dichloroethene	1.1	ug/L	1.0	06/29/18 11:35	
EPA 8260	1,2-Dichloroethane	0.24J	ug/L	1.0	06/29/18 11:35	
EPA 8260	1,2-Dichloropropane	0.30J	ug/L	1.0	06/29/18 11:35	
EPA 8260	Acetone	7.5J	ug/L	20.0	06/29/18 11:35	
EPA 8260	Benzene	1.6	ug/L	1.0	06/29/18 11:35	
EPA 8260	Dichlorodifluoromethane	0.45J	ug/L	1.0	06/29/18 11:35	
EPA 8260	Ethylbenzene	48.7	ug/L	1.0	06/29/18 11:35	
EPA 8260	Tetrachloroethene	0.90J	ug/L	1.0	06/29/18 11:35	
EPA 8260	Toluene	93.6	ug/L	1.0	06/29/18 11:35	
EPA 8260	Trichloroethene	4.8	ug/L	1.0	06/29/18 11:35	
EPA 8260	Vinyl chloride	570	ug/L	20.0	07/02/18 10:25	
EPA 8260	Xylene (Total)	279	ug/L	3.0	06/29/18 11:35	
EPA 8260	cis-1,2-Dichloroethene	1410	ug/L	20.0	07/02/18 10:25	
EPA 8260	trans-1,2-Dichloroethene	9.5	ug/L	1.0	06/29/18 11:35	
	Turbidity	N	NTU		06/21/18 09:45	
	Apparent Color	N	no units		06/21/18 09:45	
	Odor	N	no units		06/21/18 09:45	

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40171378030	**GEW26**					
EPA 8260	1,1-Dichloroethane	1.4J	ug/L	2.5	07/02/18 10:02	
EPA 8260	Trichloroethene	2.6	ug/L	2.5	07/02/18 10:02	
EPA 8260	Vinyl chloride	29.7	ug/L	2.5	07/02/18 10:02	
EPA 8260	cis-1,2-Dichloroethene	367	ug/L	2.5	07/02/18 10:02	
EPA 8260	trans-1,2-Dichloroethene	2.1J	ug/L	2.5	07/02/18 10:02	
	Turbidity	0	NTU		06/21/18 10:05	
	Apparent Color	N	no units		06/21/18 10:05	
	Odor	N	no units		06/21/18 10:05	
40171378031	**EX8**					
EPA 8260	1,1-Dichloroethane	0.24J	ug/L	1.0	06/29/18 18:00	
EPA 8260	2-Butanone (MEK)	186	ug/L	20.0	06/29/18 18:00	
EPA 8260	Acetone	31.0	ug/L	20.0	06/29/18 18:00	
EPA 8260	Dichlorodifluoromethane	0.28J	ug/L	1.0	06/29/18 18:00	
EPA 8260	Tetrachloroethene	1.3	ug/L	1.0	06/29/18 18:00	
EPA 8260	Tetrahydrofuran	55.2	ug/L	5.0	06/29/18 18:00	
EPA 8260	Trichloroethene	7.3	ug/L	1.0	06/29/18 18:00	
EPA 8260	Vinyl chloride	0.80J	ug/L	1.0	06/29/18 18:00	
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	06/29/18 18:00	
	Turbidity	N	NTU		06/21/18 11:20	
	Apparent Color	N	no units		06/21/18 11:20	
	Odor	N	no units		06/21/18 11:20	
40171378032	**MW5**					
EPA 8260	Trichloroethene	2.4	ug/L	1.0	06/29/18 15:01	
	Turbidity	0	NTU		06/21/18 11:20	
	Apparent Color	0	no units		06/21/18 11:20	
	Odor	N	no units		06/21/18 11:20	
40171378033	**MW5 DUP**					
EPA 8260	Trichloroethene	2.3	ug/L	1.0	06/29/18 15:24	
EPA 8260	cis-1,2-Dichloroethene	0.26J	ug/L	1.0	06/29/18 15:24	
	Turbidity	0	NTU		06/21/18 11:20	
	Apparent Color	0	no units		06/21/18 11:20	
	Odor	N	no units		06/21/18 11:20	
40171378034	**MW6**					
EPA 8260	Trichloroethene	0.45J	ug/L	1.0	07/02/18 07:59	
	Turbidity	0	NTU		06/21/18 12:10	
	Apparent Color	0	no units		06/21/18 12:10	
	Odor	N	no units		06/21/18 12:10	
40171378035	**MW6 DUP**					
EPA 8260	Trichloroethene	0.50J	ug/L	1.0	07/02/18 09:16	
	Turbidity	0	NTU		06/21/18 12:10	
	Apparent Color	0	no units		06/21/18 12:10	
	Odor	N	no units		06/21/18 12:10	
40171378036	**EX4**					
EPA 8260	1,1,1-Trichloroethane	0.90J	ug/L	1.0	07/02/18 09:39	

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40171378036	**EX4**					
EPA 8260	Trichloroethene	15.4	ug/L	1.0	07/02/18 09:39	
EPA 8260	cis-1,2-Dichloroethene	6.6	ug/L	1.0	07/02/18 09:39	
	Turbidity	0	NTU		06/21/18 11:30	
	Apparent Color	N	no units		06/21/18 11:30	
	Odor	N	no units		06/21/18 11:30	
40171378037	**EX5**					
EPA 8260	1,1,1-Trichloroethane	1.6	ug/L	1.0	06/29/18 11:12	
EPA 8260	1,1-Dichloroethane	0.59J	ug/L	1.0	06/29/18 11:12	
EPA 8260	Dichlorodifluoromethane	0.26J	ug/L	1.0	06/29/18 11:12	
EPA 8260	Tetrachloroethene	0.54J	ug/L	1.0	06/29/18 11:12	
EPA 8260	Trichloroethene	22.1	ug/L	1.0	06/29/18 11:12	
EPA 8260	cis-1,2-Dichloroethene	17.7	ug/L	1.0	06/29/18 11:12	
EPA 8260	trans-1,2-Dichloroethene	0.41J	ug/L	1.0	06/29/18 11:12	
	Turbidity	0	NTU		06/21/18 10:15	
	Apparent Color	N	no units		06/21/18 10:15	
	Odor	N	no units		06/21/18 10:15	
40171378038	**PW8 NEW**					
EPA 8260	Acetone	3.4J	ug/L	20.0	06/29/18 17:37	
EPA 8260	Bromodichloromethane	4.7	ug/L	1.0	06/29/18 17:37	
EPA 8260	Bromoform	4.0	ug/L	1.0	06/29/18 17:37	
EPA 8260	Chloroform	5.3	ug/L	5.0	06/29/18 17:37	
EPA 8260	Dibromochloromethane	3.6	ug/L	1.0	06/29/18 17:37	
	Turbidity	N	NTU		06/21/18 11:50	
	Apparent Color	N	no units		06/21/18 11:50	
	Odor	N	no units		06/21/18 11:50	
40171378039	**PW51**					
	Turbidity	N	NTU		06/21/18 12:20	
	Apparent Color	N	no units		06/21/18 12:20	
	Odor	N	no units		06/21/18 12:20	
40171378040	**PW57**					
	Turbidity	N	NTU		06/21/18 12:35	
	Apparent Color	N	no units		06/21/18 12:35	
	Odor	N	no units		06/21/18 12:35	
40171378041	**PW259**					
EPA 8260	Acetone	3.3J	ug/L	20.0	06/27/18 11:39	
EPA 8260	Chloromethane	0.66J	ug/L	1.0	06/27/18 11:39	
	Turbidity	N	NTU		06/21/18 12:55	
	Apparent Color	N	no units		06/21/18 12:55	
	Odor	N	no units		06/21/18 12:55	
40171378042	**PW20**					
EPA 8260	Bromodichloromethane	6.1	ug/L	1.0	06/27/18 12:01	
EPA 8260	Bromoform	0.95J	ug/L	1.0	06/27/18 12:01	
EPA 8260	Chloroform	6.7	ug/L	5.0	06/27/18 12:01	
EPA 8260	Chloromethane	0.56J	ug/L	1.0	06/27/18 12:01	

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40171378042	**PW20**					
EPA 8260	Dibromochloromethane	4.4	ug/L	1.0	06/27/18 12:01	
	Turbidity	N	NTU		06/21/18 12:10	
	Apparent Color	N	no units		06/21/18 12:10	
	Odor	N	no units		06/21/18 12:10	
40171378043	**PW260**					
EPA 8260	Bromodichloromethane	5.3	ug/L	1.0	06/27/18 12:24	
EPA 8260	Bromoform	0.80J	ug/L	1.0	06/27/18 12:24	
EPA 8260	Chloroform	5.4	ug/L	5.0	06/27/18 12:24	
EPA 8260	Dibromochloromethane	3.7	ug/L	1.0	06/27/18 12:24	
	Turbidity	N	NTU		06/21/18 13:10	
	Apparent Color	N	no units		06/21/18 13:10	
	Odor	N	no units		06/21/18 13:10	
40171378045	**PW271**					
	Turbidity	0	NTU		06/21/18 13:00	
	Apparent Color	N	no units		06/21/18 13:00	
	Odor	N	no units		06/21/18 13:00	
40171378046	**PW264**					
EPA 8260	cis-1,2-Dichloroethene	0.32J	ug/L	1.0	06/27/18 14:38	
	Turbidity	0	NTU		06/21/18 13:15	
	Apparent Color	N	no units		06/21/18 13:15	
	Odor	N	no units		06/21/18 13:15	
40171378047	**A1**					
EPA 8260	1,1,1-Trichloroethane	1.7	ug/L	1.0	06/27/18 15:01	
EPA 8260	Acetone	5.8J	ug/L	20.0	06/27/18 15:01	
EPA 8260	Carbon disulfide	2.1J	ug/L	5.0	06/27/18 15:01	
EPA 8260	Trichloroethene	6.6	ug/L	1.0	06/27/18 15:01	
	Turbidity	0	NTU		06/21/18 14:50	
	Apparent Color	N	no units		06/21/18 14:50	
	Odor	N	no units		06/21/18 14:50	
40171378048	**A2**					
	Turbidity	0	NTU		06/21/18 14:45	
	Apparent Color	N	no units		06/21/18 14:45	
	Odor	N	no units		06/21/18 14:45	
40171378049	**F1**					
EPA 8260	1,1,1-Trichloroethane	0.96J	ug/L	1.0	06/27/18 15:46	
EPA 8260	Trichloroethene	10.9	ug/L	1.0	06/27/18 15:46	
EPA 8260	cis-1,2-Dichloroethene	2.6	ug/L	1.0	06/27/18 15:46	
	Turbidity	0	NTU		06/21/18 10:35	
	Apparent Color	0	no units		06/21/18 10:35	
	Odor	N	no units		06/21/18 10:35	
40171378050	**C-WELL**					
	Turbidity	0	NTU		06/21/18 15:30	
	Apparent Color	N	no units		06/21/18 15:30	

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40171378050	**C-WELL**					
	Odor	N	no units		06/21/18 15:30	
SM 2540D	Total Suspended Solids	5.4	mg/L	2.0	06/26/18 11:13	
40171378052	**EQUIPMENT BLANK (BAILER)**					
EPA 8260	Chloromethane	0.66J	ug/L	1.0	06/27/18 13:08	
40171378054	**MW8 DUP**					
	Turbidity	0	NTU		06/19/18 10:25	
	Apparent Color	0	no units		06/19/18 10:25	
	Odor	N	no units		06/19/18 10:25	
40171378055	**MW10B DUP**					
EPA 8260	1,1,1-Trichloroethane	0.93J	ug/L	1.0	06/27/18 16:31	
EPA 8260	1,1-Dichloroethane	0.41J	ug/L	1.0	06/27/18 16:31	
EPA 8260	Trichloroethene	17.5	ug/L	1.0	06/27/18 16:31	
EPA 8260	cis-1,2-Dichloroethene	12.2	ug/L	1.0	06/27/18 16:31	
EPA 8260	trans-1,2-Dichloroethene	0.30J	ug/L	1.0	06/27/18 16:31	
	Turbidity	N	NTU		06/19/18 11:45	
	Apparent Color	N	no units		06/19/18 11:45	
	Odor	0	no units		06/19/18 11:45	
40171378056	**TW6 DUP**					
EPA 8260	1,1-Dichloroethane	103	ug/L	1.0	06/27/18 16:53	
EPA 8260	1,2-Dichloroethane	1.4	ug/L	1.0	06/27/18 16:53	
EPA 8260	Benzene	0.72J	ug/L	1.0	06/27/18 16:53	
EPA 8260	Chloroethane	4.2	ug/L	1.0	06/27/18 16:53	
EPA 8260	Dichlorodifluoromethane	1.4	ug/L	1.0	06/27/18 16:53	
EPA 8260	Vinyl chloride	0.98J	ug/L	1.0	06/27/18 16:53	
EPA 8260	cis-1,2-Dichloroethene	0.58J	ug/L	1.0	06/27/18 16:53	
EPA 8260	trans-1,2-Dichloroethene	0.38J	ug/L	1.0	06/27/18 16:53	
	Turbidity	0	NTU		06/20/18 12:05	
	Apparent Color	0	no units		06/20/18 12:05	
	Odor	0	no units		06/20/18 12:05	
40171378057	**TW7 DUP**					
EPA 8260	1,1-Dichloroethane	0.84J	ug/L	1.0	06/27/18 17:15	
EPA 8260	Vinyl chloride	4.9	ug/L	1.0	06/27/18 17:15	
EPA 8260	cis-1,2-Dichloroethene	0.76J	ug/L	1.0	06/27/18 17:15	
	Turbidity	0	NTU		06/20/18 16:30	
	Apparent Color	N	no units		06/20/18 16:30	
	Odor	N	no units		06/20/18 16:30	
40171378058	**PW269**					
	Apparent Color	N	no units		06/12/18 08:30	
	Odor	N	no units		06/12/18 08:30	
40171378059	**PW270**					
	Apparent Color	N	no units		06/12/18 08:40	
	Odor	N	no units		06/12/18 08:40	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW15 **Lab ID: 40171378001** Collected: 06/19/18 09:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.72J**	ug/L	1.0	0.50	1		06/28/18 18:39	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 18:39	79-00-5	
1,1-Dichloroethane	**0.29J**	ug/L	1.0	0.24	1		06/28/18 18:39	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 18:39	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 18:39	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 18:39	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 18:39	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 18:39	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 18:39	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 18:39	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 18:39	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 18:39	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 18:39	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 18:39	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 18:39	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 18:39	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 18:39	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 18:39	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 18:39	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	100-42-5	
Tetrachloroethene	**4.3**	ug/L	1.0	0.50	1		06/28/18 18:39	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 18:39	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	108-88-3	
Trichloroethene	**3.4**	ug/L	1.0	0.33	1		06/28/18 18:39	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 18:39	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 18:39	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 18:39	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 18:39	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 18:39	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 18:39	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 18:39	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/28/18 18:39	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		06/28/18 18:39	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/28/18 18:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW15 **Lab ID: 40171378001** Collected: 06/19/18 09:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/19/18 09:25		
Apparent Color	**0**	no units			1		06/19/18 09:25		
Odor	**N**	no units			1		06/19/18 09:25		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW8 **Lab ID: 40171378002** Collected: 06/19/18 10:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 19:02	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/28/18 19:02	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 19:02	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 19:02	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 19:02	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 19:02	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 19:02	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 19:02	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 19:02	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 19:02	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 19:02	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 19:02	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 19:02	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 19:02	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 19:02	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 19:02	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 19:02	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 19:02	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 19:02	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/28/18 19:02	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 19:02	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 19:02	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 19:02	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 19:02	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:02	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 19:02	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 19:02	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/28/18 19:02	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/28/18 19:02	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/28/18 19:02	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW8 **Lab ID: 40171378002** Collected: 06/19/18 10:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/19/18 10:25		
Apparent Color	**0**	no units			1		06/19/18 10:25		
Odor	**N**	no units			1		06/19/18 10:25		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW10S **Lab ID: 40171378003** Collected: 06/19/18 11:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.67J**	ug/L	1.0	0.50	1		06/28/18 19:24	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 19:24	79-00-5	
1,1-Dichloroethane	**1.6**	ug/L	1.0	0.24	1		06/28/18 19:24	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 19:24	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 19:24	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 19:24	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 19:24	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 19:24	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 19:24	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 19:24	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 19:24	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 19:24	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 19:24	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 19:24	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 19:24	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 19:24	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 19:24	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 19:24	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 19:24	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 19:24	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	108-88-3	
Trichloroethene	**42.5**	ug/L	1.0	0.33	1		06/28/18 19:24	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 19:24	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 19:24	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 19:24	1330-20-7	
cis-1,2-Dichloroethene	**70.8**	ug/L	1.0	0.26	1		06/28/18 19:24	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:24	10061-01-5	
trans-1,2-Dichloroethene	**2.8**	ug/L	1.0	0.26	1		06/28/18 19:24	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 19:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/28/18 19:24	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/28/18 19:24	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/28/18 19:24	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW10S **Lab ID: 40171378003** Collected: 06/19/18 11:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/19/18 11:30		
Apparent Color	**N**	no units			1		06/19/18 11:30		
Odor	**N**	no units			1		06/19/18 11:30		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: C2 **Lab ID: 40171378004** Collected: 06/19/18 10:40 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 19:47	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/28/18 19:47	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 19:47	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 19:47	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 19:47	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 19:47	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 19:47	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 19:47	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 19:47	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 19:47	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 19:47	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 19:47	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 19:47	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 19:47	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 19:47	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 19:47	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 19:47	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 19:47	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 19:47	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	108-88-3	
Trichloroethene	**0.55J**	ug/L	1.0	0.33	1		06/28/18 19:47	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 19:47	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 19:47	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 19:47	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 19:47	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 19:47	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 19:47	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 19:47	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/28/18 19:47	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/28/18 19:47	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/28/18 19:47	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: C2 **Lab ID: 40171378004** Collected: 06/19/18 10:40 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/19/18 10:40		
Apparent Color	**N**	no units			1		06/19/18 10:40		
Odor	**N**	no units			1		06/19/18 10:40		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW10D **Lab ID: 40171378005** Collected: 06/19/18 11:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**2.3**	ug/L	1.0	0.50	1		06/28/18 20:10	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 20:10	79-00-5	
1,1-Dichloroethane	**1.9**	ug/L	1.0	0.24	1		06/28/18 20:10	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 20:10	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 20:10	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 20:10	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 20:10	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 20:10	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 20:10	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 20:10	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 20:10	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 20:10	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 20:10	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 20:10	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 20:10	74-95-3	
Dichlorodifluoromethane	**0.24J**	ug/L	1.0	0.22	1		06/28/18 20:10	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 20:10	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 20:10	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 20:10	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 20:10	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	108-88-3	
Trichloroethene	**108**	ug/L	1.0	0.33	1		06/28/18 20:10	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 20:10	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 20:10	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 20:10	1330-20-7	
cis-1,2-Dichloroethene	**95.5**	ug/L	1.0	0.26	1		06/28/18 20:10	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:10	10061-01-5	
trans-1,2-Dichloroethene	**2.2**	ug/L	1.0	0.26	1		06/28/18 20:10	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 20:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/28/18 20:10	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/28/18 20:10	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/28/18 20:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW10D **Lab ID: 40171378005** Collected: 06/19/18 11:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/19/18 11:25		
Apparent Color	**N**	no units			1		06/19/18 11:25		
Odor	**N**	no units			1		06/19/18 11:25		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW10B **Lab ID: 40171378006** Collected: 06/19/18 11:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.94J**	ug/L	1.0	0.50	1		06/28/18 20:33	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 20:33	79-00-5	
1,1-Dichloroethane	**0.45J**	ug/L	1.0	0.24	1		06/28/18 20:33	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 20:33	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 20:33	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 20:33	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 20:33	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 20:33	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 20:33	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 20:33	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 20:33	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 20:33	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 20:33	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 20:33	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 20:33	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 20:33	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 20:33	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 20:33	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 20:33	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 20:33	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	108-88-3	
Trichloroethene	**16.8**	ug/L	1.0	0.33	1		06/28/18 20:33	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 20:33	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 20:33	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 20:33	1330-20-7	
cis-1,2-Dichloroethene	**12.0**	ug/L	1.0	0.26	1		06/28/18 20:33	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:33	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 20:33	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 20:33	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/28/18 20:33	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/28/18 20:33	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/28/18 20:33	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW10B **Lab ID: 40171378006** Collected: 06/19/18 11:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/19/18 11:45		
Apparent Color	**N**	no units			1		06/19/18 11:45		
Odor	**0**	no units			1		06/19/18 11:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: E1 **Lab ID: 40171378007** Collected: 06/19/18 12:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 20:56	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/28/18 20:56	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 20:56	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 20:56	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 20:56	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 20:56	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 20:56	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 20:56	78-93-3	
Acetone	**3.3J**	ug/L	20.0	3.0	1		06/28/18 20:56	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 20:56	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 20:56	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 20:56	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 20:56	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 20:56	74-95-3	
Dichlorodifluoromethane	**0.86J**	ug/L	1.0	0.22	1		06/28/18 20:56	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 20:56	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 20:56	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 20:56	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 20:56	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	108-88-3	
Trichloroethene	**0.86J**	ug/L	1.0	0.33	1		06/28/18 20:56	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 20:56	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 20:56	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 20:56	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 20:56	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 20:56	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 20:56	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 20:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/28/18 20:56	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		06/28/18 20:56	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/28/18 20:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: E1 **Lab ID: 40171378007** Collected: 06/19/18 12:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/19/18 12:45		
Apparent Color	**0**	no units			1		06/19/18 12:45		
Odor	**N**	no units			1		06/19/18 12:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: E2 **Lab ID: 40171378008** Collected: 06/19/18 13:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 21:18	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/28/18 21:18	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 21:18	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 21:18	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 21:18	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 21:18	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 21:18	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 21:18	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 21:18	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 21:18	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 21:18	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 21:18	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 21:18	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 21:18	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 21:18	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 21:18	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 21:18	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 21:18	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 21:18	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/28/18 21:18	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 21:18	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 21:18	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 21:18	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 21:18	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:18	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 21:18	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 21:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/28/18 21:18	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/28/18 21:18	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/28/18 21:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: E2 **Lab ID: 40171378008** Collected: 06/19/18 13:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/19/18 13:25		
Apparent Color	**N**	no units			1		06/19/18 13:25		
Odor	**N**	no units			1		06/19/18 13:25		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: E3 **Lab ID: 40171378009** Collected: 06/19/18 13:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 21:41	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/28/18 21:41	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 21:41	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 21:41	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 21:41	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 21:41	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 21:41	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 21:41	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 21:41	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 21:41	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 21:41	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 21:41	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 21:41	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 21:41	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 21:41	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 21:41	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 21:41	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 21:41	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 21:41	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/28/18 21:41	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 21:41	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 21:41	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 21:41	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 21:41	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 21:41	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 21:41	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 21:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/28/18 21:41	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/28/18 21:41	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/28/18 21:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: E3 **Lab ID: 40171378009** Collected: 06/19/18 13:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/19/18 13:05		
Apparent Color	**N**	no units			1		06/19/18 13:05		
Odor	**N**	no units			1		06/19/18 13:05		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: D3 **Lab ID: 40171378010** Collected: 06/19/18 15:40 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 22:04	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/28/18 22:04	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 22:04	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 22:04	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 22:04	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 22:04	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 22:04	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 22:04	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 22:04	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 22:04	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 22:04	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 22:04	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 22:04	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 22:04	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 22:04	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 22:04	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 22:04	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 22:04	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 22:04	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/28/18 22:04	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 22:04	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 22:04	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 22:04	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 22:04	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:04	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 22:04	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 22:04	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/28/18 22:04	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/28/18 22:04	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/28/18 22:04	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: D3 **Lab ID: 40171378010** Collected: 06/19/18 15:40 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/19/18 15:40		
Apparent Color	**0**	no units			1		06/19/18 15:40		
Odor	**N**	no units			1		06/19/18 15:40		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: D1 **Lab ID: 40171378011** Collected: 06/19/18 16:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.9**	ug/L	1.0	0.50	1		06/28/18 22:27	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 22:27	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/28/18 22:27	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 22:27	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 22:27	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 22:27	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 22:27	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 22:27	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 22:27	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 22:27	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 22:27	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 22:27	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 22:27	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 22:27	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 22:27	74-95-3	
Dichlorodifluoromethane	**0.86J**	ug/L	1.0	0.22	1		06/28/18 22:27	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 22:27	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 22:27	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 22:27	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	100-42-5	
Tetrachloroethene	**1.5**	ug/L	1.0	0.50	1		06/28/18 22:27	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 22:27	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	108-88-3	
Trichloroethene	**3.9**	ug/L	1.0	0.33	1		06/28/18 22:27	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 22:27	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 22:27	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 22:27	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 22:27	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:27	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 22:27	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 22:27	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/28/18 22:27	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		06/28/18 22:27	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/28/18 22:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: D1 **Lab ID: 40171378011** Collected: 06/19/18 16:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/19/18 16:05		
Apparent Color	**0**	no units			1		06/19/18 16:05		
Odor	**N**	no units			1		06/19/18 16:05		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: D2 **Lab ID: 40171378012** Collected: 06/19/18 16:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 22:49	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/28/18 22:49	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 22:49	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 22:49	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 22:49	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 22:49	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 22:49	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 22:49	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 22:49	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 22:49	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 22:49	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	108-90-7	
Chloroethane	**2.6**	ug/L	1.0	0.37	1		06/28/18 22:49	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 22:49	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 22:49	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 22:49	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 22:49	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 22:49	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 22:49	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 22:49	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/28/18 22:49	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 22:49	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 22:49	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 22:49	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 22:49	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 22:49	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 22:49	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 22:49	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/28/18 22:49	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/28/18 22:49	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/28/18 22:49	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: D2 **Lab ID: 40171378012** Collected: 06/19/18 16:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/19/18 16:45		
Apparent Color	**0**	no units			1		06/19/18 16:45		
Odor	**N**	no units			1		06/19/18 16:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW1 **Lab ID: 40171378013** Collected: 06/20/18 09:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 23:12	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/28/18 23:12	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 23:12	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 23:12	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 23:12	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 23:12	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 23:12	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 23:12	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 23:12	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 23:12	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 23:12	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/28/18 23:12	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 23:12	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 23:12	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/28/18 23:12	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 23:12	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 23:12	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 23:12	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	100-42-5	
Tetrachloroethene	**1.6**	ug/L	1.0	0.50	1		06/28/18 23:12	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/28/18 23:12	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	108-88-3	
Trichloroethene	**3.7**	ug/L	1.0	0.33	1		06/28/18 23:12	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 23:12	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/28/18 23:12	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 23:12	1330-20-7	
cis-1,2-Dichloroethene	**0.54J**	ug/L	1.0	0.26	1		06/28/18 23:12	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:12	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 23:12	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 23:12	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/28/18 23:12	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		06/28/18 23:12	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		06/28/18 23:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW1 **Lab ID: 40171378013** Collected: 06/20/18 09:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 09:20		
Apparent Color	**N**	no units			1		06/20/18 09:20		
Odor	**N**	no units			1		06/20/18 09:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW2 **Lab ID: 40171378014** Collected: 06/20/18 09:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 23:35	79-00-5	
1,1-Dichloroethane	**2.1**	ug/L	1.0	0.24	1		06/28/18 23:35	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 23:35	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 23:35	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 23:35	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/28/18 23:35	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 23:35	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 23:35	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 23:35	67-64-1	L1
Benzene	**1.1**	ug/L	1.0	0.50	1		06/28/18 23:35	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 23:35	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 23:35	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	108-90-7	
Chloroethane	**1.8**	ug/L	1.0	0.37	1		06/28/18 23:35	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 23:35	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 23:35	74-95-3	
Dichlorodifluoromethane	**0.41J**	ug/L	1.0	0.22	1		06/28/18 23:35	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 23:35	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 23:35	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 23:35	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	127-18-4	
Tetrahydrofuran	**3.6J**	ug/L	5.0	2.0	1		06/28/18 23:35	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/28/18 23:35	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 23:35	75-69-4	
Vinyl chloride	**59.5**	ug/L	1.0	0.18	1		06/28/18 23:35	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 23:35	1330-20-7	
cis-1,2-Dichloroethene	**10.6**	ug/L	1.0	0.26	1		06/28/18 23:35	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:35	10061-01-5	
trans-1,2-Dichloroethene	**0.58J**	ug/L	1.0	0.26	1		06/28/18 23:35	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 23:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/28/18 23:35	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/28/18 23:35	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/28/18 23:35	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW2 **Lab ID: 40171378014** Collected: 06/20/18 09:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 09:45		
Apparent Color	**N**	no units			1		06/20/18 09:45		
Odor	**N**	no units			1		06/20/18 09:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW3 **Lab ID: 40171378015** Collected: 06/20/18 10:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/28/18 23:58	79-00-5	
1,1-Dichloroethane	**3.2**	ug/L	1.0	0.24	1		06/28/18 23:58	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/28/18 23:58	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/28/18 23:58	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/28/18 23:58	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	95-50-1	
1,2-Dichloroethane	**0.22J**	ug/L	1.0	0.17	1		06/28/18 23:58	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/28/18 23:58	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/28/18 23:58	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/28/18 23:58	67-64-1	L1
Benzene	**1.5**	ug/L	1.0	0.50	1		06/28/18 23:58	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/28/18 23:58	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/28/18 23:58	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	108-90-7	
Chloroethane	**1.8**	ug/L	1.0	0.37	1		06/28/18 23:58	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/28/18 23:58	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/28/18 23:58	74-95-3	
Dichlorodifluoromethane	**0.53J**	ug/L	1.0	0.22	1		06/28/18 23:58	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/28/18 23:58	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/28/18 23:58	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/28/18 23:58	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	127-18-4	
Tetrahydrofuran	**4.2J**	ug/L	5.0	2.0	1		06/28/18 23:58	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/28/18 23:58	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/28/18 23:58	75-69-4	
Vinyl chloride	**36.4**	ug/L	1.0	0.18	1		06/28/18 23:58	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/28/18 23:58	1330-20-7	
cis-1,2-Dichloroethene	**11.6**	ug/L	1.0	0.26	1		06/28/18 23:58	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/28/18 23:58	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/28/18 23:58	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/28/18 23:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/28/18 23:58	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/28/18 23:58	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/28/18 23:58	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW3 **Lab ID: 40171378015** Collected: 06/20/18 10:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 10:20		
Apparent Color	**N**	no units			1		06/20/18 10:20		
Odor	**N**	no units			1		06/20/18 10:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW4 **Lab ID: 40171378016** Collected: 06/20/18 10:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 00:20	79-00-5	
1,1-Dichloroethane	**2.0**	ug/L	1.0	0.24	1		06/29/18 00:20	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 00:20	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 00:20	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 00:20	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	95-50-1	
1,2-Dichloroethane	**0.36J**	ug/L	1.0	0.17	1		06/29/18 00:20	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 00:20	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 00:20	78-93-3	
Acetone	**4.8J**	ug/L	20.0	3.0	1		06/29/18 00:20	67-64-1	L1
Benzene	**0.74J**	ug/L	1.0	0.50	1		06/29/18 00:20	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 00:20	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 00:20	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	108-90-7	
Chloroethane	**85.0**	ug/L	1.0	0.37	1		06/29/18 00:20	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 00:20	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 00:20	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 00:20	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	100-41-4	
Methyl-tert-butyl ether	**0.21J**	ug/L	1.0	0.17	1		06/29/18 00:20	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 00:20	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 00:20	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	127-18-4	
Tetrahydrofuran	**16.6**	ug/L	5.0	2.0	1		06/29/18 00:20	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	108-88-3	
Trichloroethene	**0.39J**	ug/L	1.0	0.33	1		06/29/18 00:20	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 00:20	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 00:20	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 00:20	1330-20-7	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.26	1		06/29/18 00:20	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:20	10061-01-5	
trans-1,2-Dichloroethene	**0.29J**	ug/L	1.0	0.26	1		06/29/18 00:20	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 00:20	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/29/18 00:20	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/29/18 00:20	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		06/29/18 00:20	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW4 **Lab ID: 40171378016** Collected: 06/20/18 10:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 10:45		
Apparent Color	**N**	no units			1		06/20/18 10:45		
Odor	**N**	no units			1		06/20/18 10:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW6 **Lab ID: 40171378017** Collected: 06/20/18 12:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 00:43	79-00-5	
1,1-Dichloroethane	**31.0**	ug/L	1.0	0.24	1		06/29/18 00:43	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 00:43	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 00:43	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 00:43	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	95-50-1	
1,2-Dichloroethane	**0.51J**	ug/L	1.0	0.17	1		06/29/18 00:43	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 00:43	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 00:43	78-93-3	
Acetone	**4.4J**	ug/L	20.0	3.0	1		06/29/18 00:43	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 00:43	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 00:43	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	108-90-7	
Chloroethane	**6.3**	ug/L	1.0	0.37	1		06/29/18 00:43	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 00:43	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 00:43	74-95-3	
Dichlorodifluoromethane	**0.57J**	ug/L	1.0	0.22	1		06/29/18 00:43	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 00:43	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 00:43	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 00:43	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	127-18-4	
Tetrahydrofuran	**2.2J**	ug/L	5.0	2.0	1		06/29/18 00:43	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/29/18 00:43	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 00:43	75-69-4	
Vinyl chloride	**1.5**	ug/L	1.0	0.18	1		06/29/18 00:43	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 00:43	1330-20-7	
cis-1,2-Dichloroethene	**0.69J**	ug/L	1.0	0.26	1		06/29/18 00:43	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 00:43	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 00:43	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 00:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/29/18 00:43	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/29/18 00:43	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/29/18 00:43	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW6 **Lab ID: 40171378017** Collected: 06/20/18 12:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 12:05		
Apparent Color	**0**	no units			1		06/20/18 12:05		
Odor	**0**	no units			1		06/20/18 12:05		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW1 **Lab ID: 40171378018** Collected: 06/20/18 13:15 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 01:06	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 01:06	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 01:06	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 01:06	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 01:06	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 01:06	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 01:06	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 01:06	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 01:06	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 01:06	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 01:06	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 01:06	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 01:06	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 01:06	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 01:06	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 01:06	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 01:06	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 01:06	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 01:06	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/29/18 01:06	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 01:06	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 01:06	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 01:06	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 01:06	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:06	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 01:06	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 01:06	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/29/18 01:06	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		06/29/18 01:06	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/29/18 01:06	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW1 **Lab ID: 40171378018** Collected: 06/20/18 13:15 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 13:15		
Apparent Color	**N**	no units			1		06/20/18 13:15		
Odor	**N**	no units			1		06/20/18 13:15		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW9 **Lab ID: 40171378019** Collected: 06/20/18 14:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 01:29	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 01:29	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 01:29	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 01:29	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 01:29	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 01:29	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 01:29	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 01:29	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 01:29	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 01:29	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 01:29	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 01:29	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 01:29	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 01:29	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 01:29	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 01:29	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 01:29	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 01:29	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	127-18-4	
Tetrahydrofuran	**2.7J**	ug/L	5.0	2.0	1		06/29/18 01:29	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/29/18 01:29	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 01:29	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 01:29	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 01:29	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 01:29	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 01:29	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 01:29	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 01:29	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/29/18 01:29	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/29/18 01:29	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/29/18 01:29	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW9 **Lab ID: 40171378019** Collected: 06/20/18 14:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 14:05		
Apparent Color	**N**	no units			1		06/20/18 14:05		
Odor	**N**	no units			1		06/20/18 14:05		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW10R **Lab ID: 40171378020** Collected: 06/20/18 15:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.0**	ug/L	1.0	0.50	1		06/29/18 08:10	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 08:10	79-00-5	
1,1-Dichloroethane	**0.99J**	ug/L	1.0	0.24	1		06/29/18 08:10	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 08:10	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 08:10	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 08:10	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 08:10	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 08:10	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 08:10	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 08:10	67-64-1	L1
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 08:10	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 08:10	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 08:10	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 08:10	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 08:10	74-95-3	
Dichlorodifluoromethane	**0.60J**	ug/L	1.0	0.22	1		06/29/18 08:10	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 08:10	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 08:10	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 08:10	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	100-42-5	
Tetrachloroethene	**3.4**	ug/L	1.0	0.50	1		06/29/18 08:10	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 08:10	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	108-88-3	
Trichloroethene	**173**	ug/L	1.0	0.33	1		06/29/18 08:10	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 08:10	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 08:10	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 08:10	1330-20-7	
cis-1,2-Dichloroethene	**2.8**	ug/L	1.0	0.26	1		06/29/18 08:10	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 08:10	10061-01-5	
trans-1,2-Dichloroethene	**0.43J**	ug/L	1.0	0.26	1		06/29/18 08:10	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 08:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/29/18 08:10	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		06/29/18 08:10	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/29/18 08:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW10R **Lab ID: 40171378020** Collected: 06/20/18 15:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 15:20		
Apparent Color	**N**	no units			1		06/20/18 15:20		
Odor	**N**	no units			1		06/20/18 15:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW13 **Lab ID: 40171378021** Collected: 06/20/18 15:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 17:14	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 17:14	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 17:14	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 17:14	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 17:14	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 17:14	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 17:14	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 17:14	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 17:14	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 17:14	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 17:14	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 17:14	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 17:14	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 17:14	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 17:14	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 17:14	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 17:14	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 17:14	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 17:14	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/29/18 17:14	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 17:14	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 17:14	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 17:14	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 17:14	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:14	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 17:14	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 17:14	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/29/18 17:14	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		06/29/18 17:14	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/29/18 17:14	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW13 **Lab ID: 40171378021** Collected: 06/20/18 15:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 15:45		
Apparent Color	**0**	no units			1		06/20/18 15:45		
Odor	**N**	no units			1		06/20/18 15:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW12 **Lab ID: 40171378022** Collected: 06/20/18 16:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 13:07	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 13:07	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 13:07	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 13:07	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 13:07	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 13:07	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 13:07	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 13:07	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 13:07	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 13:07	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 13:07	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 13:07	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 13:07	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 13:07	74-95-3	
Dichlorodifluoromethane	**0.53J**	ug/L	1.0	0.22	1		06/29/18 13:07	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 13:07	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 13:07	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 13:07	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 13:07	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/29/18 13:07	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 13:07	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 13:07	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 13:07	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 13:07	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:07	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 13:07	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 13:07	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/29/18 13:07	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/29/18 13:07	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/29/18 13:07	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW12 **Lab ID: 40171378022** Collected: 06/20/18 16:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 16:10		
Apparent Color	**N**	no units			1		06/20/18 16:10		
Odor	**N**	no units			1		06/20/18 16:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW7 **Lab ID: 40171378023** Collected: 06/20/18 16:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 10:04	79-00-5	
1,1-Dichloroethane	**1.1**	ug/L	1.0	0.24	1		06/29/18 10:04	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 10:04	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 10:04	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 10:04	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 10:04	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 10:04	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 10:04	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 10:04	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 10:04	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 10:04	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	108-90-7	
Chloroethane	**0.47J**	ug/L	1.0	0.37	1		06/29/18 10:04	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 10:04	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 10:04	74-95-3	
Dichlorodifluoromethane	**0.36J**	ug/L	1.0	0.22	1		06/29/18 10:04	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 10:04	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 10:04	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 10:04	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 10:04	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/29/18 10:04	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 10:04	75-69-4	
Vinyl chloride	**8.2**	ug/L	1.0	0.18	1		06/29/18 10:04	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 10:04	1330-20-7	
cis-1,2-Dichloroethene	**1.1**	ug/L	1.0	0.26	1		06/29/18 10:04	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:04	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 10:04	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 10:04	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/29/18 10:04	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/29/18 10:04	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/29/18 10:04	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW7 **Lab ID: 40171378023** Collected: 06/20/18 16:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 16:30		
Apparent Color	**N**	no units			1		06/20/18 16:30		
Odor	**N**	no units			1		06/20/18 16:30		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW14 **Lab ID: 40171378024** Collected: 06/20/18 15:00 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 10:49	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 10:49	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 10:49	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 10:49	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 10:49	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 10:49	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 10:49	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 10:49	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 10:49	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 10:49	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 10:49	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 10:49	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 10:49	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 10:49	74-95-3	
Dichlorodifluoromethane	**0.35J**	ug/L	1.0	0.22	1		06/29/18 10:49	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 10:49	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 10:49	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 10:49	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	100-42-5	
Tetrachloroethene	**3.9**	ug/L	1.0	0.50	1		06/29/18 10:49	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 10:49	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	108-88-3	
Trichloroethene	**66.3**	ug/L	1.0	0.33	1		06/29/18 10:49	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 10:49	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 10:49	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 10:49	1330-20-7	
cis-1,2-Dichloroethene	**3.9**	ug/L	1.0	0.26	1		06/29/18 10:49	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 10:49	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 10:49	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 10:49	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/29/18 10:49	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/29/18 10:49	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/29/18 10:49	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW14 **Lab ID: 40171378024** Collected: 06/20/18 15:00 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 15:00		
Apparent Color	**N**	no units			1		06/20/18 15:00		
Odor	**N**	no units			1		06/20/18 15:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW11 **Lab ID: 40171378025** Collected: 06/21/18 09:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 13:29	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 13:29	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 13:29	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 13:29	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 13:29	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 13:29	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 13:29	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 13:29	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 13:29	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 13:29	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 13:29	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 13:29	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 13:29	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 13:29	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 13:29	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 13:29	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 13:29	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 13:29	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 13:29	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/29/18 13:29	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 13:29	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 13:29	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 13:29	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 13:29	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:29	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 13:29	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 13:29	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/29/18 13:29	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/29/18 13:29	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/29/18 13:29	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW11 **Lab ID: 40171378025** Collected: 06/21/18 09:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 09:20		
Apparent Color	**N**	no units			1		06/21/18 09:20		
Odor	**N**	no units			1		06/21/18 09:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW7 **Lab ID: 40171378026** Collected: 06/21/18 09:40 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.67J**	ug/L	1.0	0.50	1		06/29/18 13:52	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 13:52	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 13:52	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 13:52	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 13:52	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 13:52	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 13:52	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 13:52	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 13:52	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 13:52	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 13:52	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 13:52	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 13:52	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 13:52	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 13:52	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 13:52	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 13:52	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 13:52	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 13:52	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 13:52	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	108-88-3	
Trichloroethene	**1.5**	ug/L	1.0	0.33	1		06/29/18 13:52	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 13:52	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 13:52	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 13:52	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 13:52	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 13:52	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 13:52	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 13:52	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/29/18 13:52	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		06/29/18 13:52	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/29/18 13:52	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW7 **Lab ID: 40171378026** Collected: 06/21/18 09:40 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 09:40		
Apparent Color	**N**	no units			1		06/21/18 09:40		
Odor	**N**	no units			1		06/21/18 09:40		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW16 **Lab ID: 40171378027** Collected: 06/21/18 10:50 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.59J**	ug/L	1.0	0.50	1		06/29/18 14:15	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 14:15	79-00-5	
1,1-Dichloroethane	**2.0**	ug/L	1.0	0.24	1		06/29/18 14:15	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 14:15	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 14:15	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 14:15	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 14:15	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 14:15	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 14:15	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 14:15	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 14:15	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 14:15	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 14:15	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 14:15	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 14:15	74-95-3	
Dichlorodifluoromethane	**0.39J**	ug/L	1.0	0.22	1		06/29/18 14:15	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 14:15	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 14:15	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 14:15	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	100-42-5	
Tetrachloroethene	**1.5**	ug/L	1.0	0.50	1		06/29/18 14:15	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 14:15	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	108-88-3	
Trichloroethene	**7.8**	ug/L	1.0	0.33	1		06/29/18 14:15	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 14:15	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 14:15	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 14:15	1330-20-7	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.26	1		06/29/18 14:15	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:15	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 14:15	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 14:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/29/18 14:15	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/29/18 14:15	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/29/18 14:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW16 **Lab ID: 40171378027** Collected: 06/21/18 10:50 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 10:50		
Apparent Color	**N**	no units			1		06/21/18 10:50		
Odor	**N**	no units			1		06/21/18 10:50		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW3 **Lab ID: 40171378028** Collected: 06/21/18 10:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 14:38	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 14:38	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 14:38	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 14:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 14:38	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 14:38	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 14:38	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 14:38	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 14:38	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 14:38	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 14:38	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 14:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 14:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 14:38	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 14:38	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 14:38	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 14:38	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 14:38	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 14:38	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/29/18 14:38	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 14:38	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 14:38	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 14:38	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 14:38	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 14:38	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 14:38	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 14:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/29/18 14:38	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		06/29/18 14:38	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/29/18 14:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW3 **Lab ID: 40171378028** Collected: 06/21/18 10:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 10:25		
Apparent Color	**N**	no units			1		06/21/18 10:25		
Odor	**N**	no units			1		06/21/18 10:25		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EX7 **Lab ID: 40171378029** Collected: 06/21/18 09:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 11:35	79-00-5	
1,1-Dichloroethane	**4.3**	ug/L	1.0	0.24	1		06/29/18 11:35	75-34-3	
1,1-Dichloroethene	**1.1**	ug/L	1.0	0.41	1		06/29/18 11:35	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 11:35	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 11:35	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	95-50-1	
1,2-Dichloroethane	**0.24J**	ug/L	1.0	0.17	1		06/29/18 11:35	107-06-2	
1,2-Dichloropropane	**0.30J**	ug/L	1.0	0.23	1		06/29/18 11:35	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 11:35	78-93-3	
Acetone	**7.5J**	ug/L	20.0	3.0	1		06/29/18 11:35	67-64-1	
Benzene	**1.6**	ug/L	1.0	0.50	1		06/29/18 11:35	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 11:35	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 11:35	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 11:35	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 11:35	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 11:35	74-95-3	
Dichlorodifluoromethane	**0.45J**	ug/L	1.0	0.22	1		06/29/18 11:35	75-71-8	
Ethylbenzene	**48.7**	ug/L	1.0	0.50	1		06/29/18 11:35	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 11:35	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 11:35	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 11:35	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	100-42-5	
Tetrachloroethene	**0.90J**	ug/L	1.0	0.50	1		06/29/18 11:35	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 11:35	109-99-9	
Toluene	**93.6**	ug/L	1.0	0.50	1		06/29/18 11:35	108-88-3	
Trichloroethene	**4.8**	ug/L	1.0	0.33	1		06/29/18 11:35	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 11:35	75-69-4	
Vinyl chloride	**570**	ug/L	20.0	3.5	20		07/02/18 10:25	75-01-4	
Xylene (Total)	**279**	ug/L	3.0	1.5	1		06/29/18 11:35	1330-20-7	
cis-1,2-Dichloroethene	**1410**	ug/L	20.0	5.1	20		07/02/18 10:25	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:35	10061-01-5	
trans-1,2-Dichloroethene	**9.5**	ug/L	1.0	0.26	1		06/29/18 11:35	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 11:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/29/18 11:35	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		06/29/18 11:35	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/29/18 11:35	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EX7 **Lab ID: 40171378029** Collected: 06/21/18 09:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 09:45		
Apparent Color	**N**	no units			1		06/21/18 09:45		
Odor	**N**	no units			1		06/21/18 09:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: GEW26 **Lab ID: 40171378030** Collected: 06/21/18 10:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	71-55-6	
1,1,2-Trichloroethane	**<0.49**	ug/L	2.5	0.49	2.5		07/02/18 10:02	79-00-5	
1,1-Dichloroethane	**1.4J**	ug/L	2.5	0.60	2.5		07/02/18 10:02	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	2.5	1.0	2.5		07/02/18 10:02	75-35-4	
1,2-Dibromo-3-chloropropane	**<5.4**	ug/L	12.5	5.4	2.5		07/02/18 10:02	96-12-8	
1,2-Dibromoethane (EDB)	**<0.44**	ug/L	2.5	0.44	2.5		07/02/18 10:02	106-93-4	
1,2-Dichlorobenzene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	95-50-1	
1,2-Dichloroethane	**<0.42**	ug/L	2.5	0.42	2.5		07/02/18 10:02	107-06-2	
1,2-Dichloropropane	**<0.58**	ug/L	2.5	0.58	2.5		07/02/18 10:02	78-87-5	
1,3-Dichlorobenzene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	541-73-1	
1,4-Dichlorobenzene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	106-46-7	
2-Butanone (MEK)	**<7.4**	ug/L	50.0	7.4	2.5		07/02/18 10:02	78-93-3	
Acetone	**<7.4**	ug/L	50.0	7.4	2.5		07/02/18 10:02	67-64-1	
Benzene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	71-43-2	
Bromodichloromethane	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	75-27-4	
Bromoform	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	75-25-2	
Bromomethane	**<6.1**	ug/L	12.5	6.1	2.5		07/02/18 10:02	74-83-9	
Carbon disulfide	**<1.5**	ug/L	12.5	1.5	2.5		07/02/18 10:02	75-15-0	
Carbon tetrachloride	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	56-23-5	
Chlorobenzene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	108-90-7	
Chloroethane	**<0.94**	ug/L	2.5	0.94	2.5		07/02/18 10:02	75-00-3	
Chloroform	**<6.2**	ug/L	12.5	6.2	2.5		07/02/18 10:02	67-66-3	
Chloromethane	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	74-87-3	
Dibromochloromethane	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	124-48-1	
Dibromomethane	**<1.1**	ug/L	2.5	1.1	2.5		07/02/18 10:02	74-95-3	
Dichlorodifluoromethane	**<0.56**	ug/L	2.5	0.56	2.5		07/02/18 10:02	75-71-8	
Ethylbenzene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	100-41-4	
Methyl-tert-butyl ether	**<0.44**	ug/L	2.5	0.44	2.5		07/02/18 10:02	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	2.5	0.58	2.5		07/02/18 10:02	75-09-2	
Naphthalene	**<6.2**	ug/L	12.5	6.2	2.5		07/02/18 10:02	91-20-3	
Styrene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	100-42-5	
Tetrachloroethene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	127-18-4	
Tetrahydrofuran	**<5.1**	ug/L	12.5	5.1	2.5		07/02/18 10:02	109-99-9	
Toluene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	108-88-3	
Trichloroethene	**2.6**	ug/L	2.5	0.83	2.5		07/02/18 10:02	79-01-6	
Trichlorofluoromethane	**<0.46**	ug/L	2.5	0.46	2.5		07/02/18 10:02	75-69-4	
Vinyl chloride	**29.7**	ug/L	2.5	0.44	2.5		07/02/18 10:02	75-01-4	
Xylene (Total)	**<3.8**	ug/L	7.5	3.8	2.5		07/02/18 10:02	1330-20-7	
cis-1,2-Dichloroethene	**367**	ug/L	2.5	0.64	2.5		07/02/18 10:02	156-59-2	
cis-1,3-Dichloropropene	**<1.2**	ug/L	2.5	1.2	2.5		07/02/18 10:02	10061-01-5	
trans-1,2-Dichloroethene	**2.1J**	ug/L	2.5	0.64	2.5		07/02/18 10:02	156-60-5	
trans-1,3-Dichloropropene	**<0.57**	ug/L	2.5	0.57	2.5		07/02/18 10:02	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		2.5		07/02/18 10:02	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		2.5		07/02/18 10:02	1868-53-7	
Toluene-d8 (S)	97	%	70-130		2.5		07/02/18 10:02	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: GEW26 **Lab ID: 40171378030** Collected: 06/21/18 10:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 10:05		
Apparent Color	**N**	no units			1		06/21/18 10:05		
Odor	**N**	no units			1		06/21/18 10:05		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EX8 **Lab ID: 40171378031** Collected: 06/21/18 11:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 18:00	79-00-5	
1,1-Dichloroethane	**0.24J**	ug/L	1.0	0.24	1		06/29/18 18:00	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 18:00	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 18:00	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 18:00	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 18:00	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 18:00	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	106-46-7	
2-Butanone (MEK)	**186**	ug/L	20.0	3.0	1		06/29/18 18:00	78-93-3	
Acetone	**31.0**	ug/L	20.0	3.0	1		06/29/18 18:00	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 18:00	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 18:00	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 18:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 18:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 18:00	74-95-3	
Dichlorodifluoromethane	**0.28J**	ug/L	1.0	0.22	1		06/29/18 18:00	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 18:00	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 18:00	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 18:00	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	100-42-5	
Tetrachloroethene	**1.3**	ug/L	1.0	0.50	1		06/29/18 18:00	127-18-4	
Tetrahydrofuran	**55.2**	ug/L	5.0	2.0	1		06/29/18 18:00	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	108-88-3	
Trichloroethene	**7.3**	ug/L	1.0	0.33	1		06/29/18 18:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 18:00	75-69-4	
Vinyl chloride	**0.80J**	ug/L	1.0	0.18	1		06/29/18 18:00	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 18:00	1330-20-7	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.26	1		06/29/18 18:00	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 18:00	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 18:00	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 18:00	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/29/18 18:00	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		06/29/18 18:00	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/29/18 18:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EX8 **Lab ID: 40171378031** Collected: 06/21/18 11:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 11:20		
Apparent Color	**N**	no units			1		06/21/18 11:20		
Odor	**N**	no units			1		06/21/18 11:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW5 **Lab ID: 40171378032** Collected: 06/21/18 11:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 15:01	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 15:01	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 15:01	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 15:01	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 15:01	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 15:01	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 15:01	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 15:01	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 15:01	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 15:01	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 15:01	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 15:01	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 15:01	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 15:01	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 15:01	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 15:01	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 15:01	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 15:01	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 15:01	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	108-88-3	
Trichloroethene	**2.4**	ug/L	1.0	0.33	1		06/29/18 15:01	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 15:01	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 15:01	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 15:01	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 15:01	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:01	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 15:01	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 15:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/29/18 15:01	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		06/29/18 15:01	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		06/29/18 15:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW5 **Lab ID: 40171378032** Collected: 06/21/18 11:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 11:20		
Apparent Color	**0**	no units			1		06/21/18 11:20		
Odor	**N**	no units			1		06/21/18 11:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW5 DUP **Lab ID: 40171378033** Collected: 06/21/18 11:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 15:24	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 15:24	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 15:24	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 15:24	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 15:24	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 15:24	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 15:24	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 15:24	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 15:24	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 15:24	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 15:24	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 15:24	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 15:24	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 15:24	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 15:24	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 15:24	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 15:24	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 15:24	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 15:24	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	108-88-3	
Trichloroethene	**2.3**	ug/L	1.0	0.33	1		06/29/18 15:24	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 15:24	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 15:24	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 15:24	1330-20-7	
cis-1,2-Dichloroethene	**0.26J**	ug/L	1.0	0.26	1		06/29/18 15:24	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 15:24	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 15:24	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 15:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/29/18 15:24	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		06/29/18 15:24	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/29/18 15:24	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW5 DUP **Lab ID: 40171378033** Collected: 06/21/18 11:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 11:20		
Apparent Color	**0**	no units			1		06/21/18 11:20		
Odor	**N**	no units			1		06/21/18 11:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW6 **Lab ID: 40171378034** Collected: 06/21/18 12:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/02/18 07:59	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/02/18 07:59	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/02/18 07:59	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/02/18 07:59	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/02/18 07:59	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/02/18 07:59	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/02/18 07:59	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		07/02/18 07:59	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		07/02/18 07:59	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/02/18 07:59	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		07/02/18 07:59	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/02/18 07:59	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/02/18 07:59	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/02/18 07:59	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/02/18 07:59	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/02/18 07:59	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/02/18 07:59	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/02/18 07:59	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		07/02/18 07:59	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	108-88-3	
Trichloroethene	**0.45J**	ug/L	1.0	0.33	1		07/02/18 07:59	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/02/18 07:59	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/02/18 07:59	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		07/02/18 07:59	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/02/18 07:59	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:59	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/02/18 07:59	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/02/18 07:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		07/02/18 07:59	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		07/02/18 07:59	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/02/18 07:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW6 **Lab ID: 40171378034** Collected: 06/21/18 12:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 12:10		
Apparent Color	**0**	no units			1		06/21/18 12:10		
Odor	**N**	no units			1		06/21/18 12:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW6 DUP **Lab ID: 40171378035** Collected: 06/21/18 12:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/02/18 09:16	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/02/18 09:16	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/02/18 09:16	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/02/18 09:16	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/02/18 09:16	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/02/18 09:16	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/02/18 09:16	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		07/02/18 09:16	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		07/02/18 09:16	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/02/18 09:16	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		07/02/18 09:16	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/02/18 09:16	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/02/18 09:16	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/02/18 09:16	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/02/18 09:16	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/02/18 09:16	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/02/18 09:16	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/02/18 09:16	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		07/02/18 09:16	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	108-88-3	
Trichloroethene	**0.50J**	ug/L	1.0	0.33	1		07/02/18 09:16	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/02/18 09:16	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/02/18 09:16	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		07/02/18 09:16	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/02/18 09:16	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:16	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/02/18 09:16	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/02/18 09:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		07/02/18 09:16	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		07/02/18 09:16	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/02/18 09:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW6 DUP **Lab ID: 40171378035** Collected: 06/21/18 12:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 12:10		
Apparent Color	**0**	no units			1		06/21/18 12:10		
Odor	**N**	no units			1		06/21/18 12:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EX4 **Lab ID: 40171378036** Collected: 06/21/18 11:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.90J**	ug/L	1.0	0.50	1		07/02/18 09:39	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/02/18 09:39	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/02/18 09:39	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/02/18 09:39	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/02/18 09:39	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/02/18 09:39	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/02/18 09:39	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/02/18 09:39	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		07/02/18 09:39	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		07/02/18 09:39	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/02/18 09:39	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		07/02/18 09:39	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/02/18 09:39	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/02/18 09:39	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/02/18 09:39	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/02/18 09:39	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/02/18 09:39	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/02/18 09:39	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/02/18 09:39	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		07/02/18 09:39	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	108-88-3	
Trichloroethene	**15.4**	ug/L	1.0	0.33	1		07/02/18 09:39	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/02/18 09:39	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/02/18 09:39	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		07/02/18 09:39	1330-20-7	
cis-1,2-Dichloroethene	**6.6**	ug/L	1.0	0.26	1		07/02/18 09:39	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 09:39	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/02/18 09:39	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/02/18 09:39	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		07/02/18 09:39	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		07/02/18 09:39	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/02/18 09:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EX4 **Lab ID: 40171378036** Collected: 06/21/18 11:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 11:30		
Apparent Color	**N**	no units			1		06/21/18 11:30		
Odor	**N**	no units			1		06/21/18 11:30		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EX5 **Lab ID: 40171378037** Collected: 06/21/18 10:15 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.6**	ug/L	1.0	0.50	1		06/29/18 11:12	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 11:12	79-00-5	
1,1-Dichloroethane	**0.59J**	ug/L	1.0	0.24	1		06/29/18 11:12	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 11:12	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 11:12	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 11:12	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 11:12	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 11:12	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 11:12	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/29/18 11:12	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 11:12	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 11:12	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 11:12	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/29/18 11:12	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 11:12	74-95-3	
Dichlorodifluoromethane	**0.26J**	ug/L	1.0	0.22	1		06/29/18 11:12	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 11:12	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 11:12	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 11:12	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	100-42-5	
Tetrachloroethene	**0.54J**	ug/L	1.0	0.50	1		06/29/18 11:12	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 11:12	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	108-88-3	
Trichloroethene	**22.1**	ug/L	1.0	0.33	1		06/29/18 11:12	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 11:12	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 11:12	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 11:12	1330-20-7	
cis-1,2-Dichloroethene	**17.7**	ug/L	1.0	0.26	1		06/29/18 11:12	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 11:12	10061-01-5	
trans-1,2-Dichloroethene	**0.41J**	ug/L	1.0	0.26	1		06/29/18 11:12	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 11:12	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/29/18 11:12	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		06/29/18 11:12	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		06/29/18 11:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EX5 **Lab ID: 40171378037** Collected: 06/21/18 10:15 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 10:15		
Apparent Color	**N**	no units			1		06/21/18 10:15		
Odor	**N**	no units			1		06/21/18 10:15		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW8 NEW **Lab ID: 40171378038** Collected: 06/21/18 11:50 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/29/18 17:37	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/29/18 17:37	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/29/18 17:37	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/29/18 17:37	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/29/18 17:37	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/29/18 17:37	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/29/18 17:37	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/29/18 17:37	78-93-3	
Acetone	**3.4J**	ug/L	20.0	3.0	1		06/29/18 17:37	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	71-43-2	
Bromodichloromethane	**4.7**	ug/L	1.0	0.50	1		06/29/18 17:37	75-27-4	
Bromoform	**4.0**	ug/L	1.0	0.50	1		06/29/18 17:37	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/29/18 17:37	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/29/18 17:37	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/29/18 17:37	75-00-3	
Chloroform	**5.3**	ug/L	5.0	2.5	1		06/29/18 17:37	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	74-87-3	
Dibromochloromethane	**3.6**	ug/L	1.0	0.50	1		06/29/18 17:37	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/29/18 17:37	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/29/18 17:37	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/29/18 17:37	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/29/18 17:37	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/29/18 17:37	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/29/18 17:37	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/29/18 17:37	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/29/18 17:37	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/29/18 17:37	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/29/18 17:37	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 17:37	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/29/18 17:37	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/29/18 17:37	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/29/18 17:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/29/18 17:37	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		06/29/18 17:37	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/29/18 17:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW8 NEW **Lab ID: 40171378038** Collected: 06/21/18 11:50 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 11:50		
Apparent Color	**N**	no units			1		06/21/18 11:50		
Odor	**N**	no units			1		06/21/18 11:50		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW51 **Lab ID: 40171378039** Collected: 06/21/18 12:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/02/18 07:13	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/02/18 07:13	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/02/18 07:13	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/02/18 07:13	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/02/18 07:13	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/02/18 07:13	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/02/18 07:13	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		07/02/18 07:13	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		07/02/18 07:13	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/02/18 07:13	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		07/02/18 07:13	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/02/18 07:13	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/02/18 07:13	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/02/18 07:13	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/02/18 07:13	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/02/18 07:13	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/02/18 07:13	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/02/18 07:13	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		07/02/18 07:13	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/02/18 07:13	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/02/18 07:13	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/02/18 07:13	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		07/02/18 07:13	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/02/18 07:13	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:13	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/02/18 07:13	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/02/18 07:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		07/02/18 07:13	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		07/02/18 07:13	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/02/18 07:13	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW51 **Lab ID: 40171378039** Collected: 06/21/18 12:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 12:20		
Apparent Color	**N**	no units			1		06/21/18 12:20		
Odor	**N**	no units			1		06/21/18 12:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW57 **Lab ID: 40171378040** Collected: 06/21/18 12:35 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/02/18 07:36	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/02/18 07:36	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/02/18 07:36	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/02/18 07:36	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/02/18 07:36	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/02/18 07:36	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/02/18 07:36	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		07/02/18 07:36	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		07/02/18 07:36	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/02/18 07:36	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		07/02/18 07:36	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/02/18 07:36	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/02/18 07:36	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/02/18 07:36	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/02/18 07:36	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/02/18 07:36	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/02/18 07:36	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/02/18 07:36	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		07/02/18 07:36	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/02/18 07:36	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/02/18 07:36	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/02/18 07:36	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		07/02/18 07:36	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/02/18 07:36	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/02/18 07:36	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/02/18 07:36	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/02/18 07:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		07/02/18 07:36	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		07/02/18 07:36	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/02/18 07:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW57 **Lab ID: 40171378040** Collected: 06/21/18 12:35 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 12:35		
Apparent Color	**N**	no units			1		06/21/18 12:35		
Odor	**N**	no units			1		06/21/18 12:35		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW259 **Lab ID: 40171378041** Collected: 06/21/18 12:55 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 11:39	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 11:39	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 11:39	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 11:39	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 11:39	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 11:39	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 11:39	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 11:39	78-93-3	
Acetone	**3.3J**	ug/L	20.0	3.0	1		06/27/18 11:39	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 11:39	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 11:39	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 11:39	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 11:39	67-66-3	
Chloromethane	**0.66J**	ug/L	1.0	0.50	1		06/27/18 11:39	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 11:39	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 11:39	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 11:39	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 11:39	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 11:39	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 11:39	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 11:39	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 11:39	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 11:39	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 11:39	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 11:39	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 11:39	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 11:39	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 11:39	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/27/18 11:39	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/27/18 11:39	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/27/18 11:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW259 **Lab ID: 40171378041** Collected: 06/21/18 12:55 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 12:55		
Apparent Color	**N**	no units			1		06/21/18 12:55		
Odor	**N**	no units			1		06/21/18 12:55		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW20 **Lab ID: 40171378042** Collected: 06/21/18 12:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 12:01	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 12:01	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 12:01	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 12:01	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 12:01	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 12:01	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 12:01	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 12:01	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 12:01	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	71-43-2	
Bromodichloromethane	**6.1**	ug/L	1.0	0.50	1		06/27/18 12:01	75-27-4	
Bromoform	**0.95J**	ug/L	1.0	0.50	1		06/27/18 12:01	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 12:01	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 12:01	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 12:01	75-00-3	
Chloroform	**6.7**	ug/L	5.0	2.5	1		06/27/18 12:01	67-66-3	
Chloromethane	**0.56J**	ug/L	1.0	0.50	1		06/27/18 12:01	74-87-3	
Dibromochloromethane	**4.4**	ug/L	1.0	0.50	1		06/27/18 12:01	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 12:01	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 12:01	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 12:01	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 12:01	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 12:01	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 12:01	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 12:01	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 12:01	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 12:01	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 12:01	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 12:01	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:01	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 12:01	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 12:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/27/18 12:01	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/27/18 12:01	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/27/18 12:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW20 **Lab ID: 40171378042** Collected: 06/21/18 12:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 12:10		
Apparent Color	**N**	no units			1		06/21/18 12:10		
Odor	**N**	no units			1		06/21/18 12:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW260 **Lab ID: 40171378043** Collected: 06/21/18 13:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 12:24	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 12:24	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 12:24	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 12:24	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 12:24	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 12:24	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 12:24	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 12:24	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 12:24	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	71-43-2	
Bromodichloromethane	**5.3**	ug/L	1.0	0.50	1		06/27/18 12:24	75-27-4	
Bromoform	**0.80J**	ug/L	1.0	0.50	1		06/27/18 12:24	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 12:24	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 12:24	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 12:24	75-00-3	
Chloroform	**5.4**	ug/L	5.0	2.5	1		06/27/18 12:24	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	74-87-3	
Dibromochloromethane	**3.7**	ug/L	1.0	0.50	1		06/27/18 12:24	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 12:24	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 12:24	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 12:24	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 12:24	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 12:24	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 12:24	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 12:24	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 12:24	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 12:24	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 12:24	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 12:24	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:24	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 12:24	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 12:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/27/18 12:24	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/27/18 12:24	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/27/18 12:24	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW260 **Lab ID: 40171378043** Collected: 06/21/18 13:10 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/21/18 13:10		
Apparent Color	**N**	no units			1		06/21/18 13:10		
Odor	**N**	no units			1		06/21/18 13:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW221 **Lab ID: 40171378044** Collected: 06/21/18 13:20 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 13:53	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 13:53	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 13:53	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 13:53	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 13:53	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 13:53	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 13:53	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 13:53	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 13:53	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 13:53	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 13:53	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 13:53	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 13:53	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 13:53	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 13:53	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 13:53	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 13:53	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 13:53	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 13:53	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 13:53	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 13:53	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 13:53	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 13:53	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 13:53	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:53	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 13:53	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 13:53	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/27/18 13:53	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		06/27/18 13:53	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/27/18 13:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW271 **Lab ID: 40171378045** Collected: 06/21/18 13:00 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 14:16	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 14:16	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 14:16	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 14:16	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 14:16	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 14:16	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 14:16	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 14:16	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 14:16	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 14:16	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 14:16	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 14:16	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 14:16	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 14:16	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 14:16	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 14:16	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 14:16	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 14:16	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 14:16	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 14:16	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 14:16	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 14:16	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 14:16	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 14:16	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:16	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 14:16	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 14:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/27/18 14:16	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/27/18 14:16	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/27/18 14:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW271 **Lab ID: 40171378045** Collected: 06/21/18 13:00 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 13:00		
Apparent Color	**N**	no units			1		06/21/18 13:00		
Odor	**N**	no units			1		06/21/18 13:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW264 **Lab ID: 40171378046** Collected: 06/21/18 13:15 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 14:38	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 14:38	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 14:38	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 14:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 14:38	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 14:38	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 14:38	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 14:38	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 14:38	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 14:38	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 14:38	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 14:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 14:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 14:38	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 14:38	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 14:38	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 14:38	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 14:38	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 14:38	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 14:38	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 14:38	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 14:38	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 14:38	1330-20-7	
cis-1,2-Dichloroethene	**0.32J**	ug/L	1.0	0.26	1		06/27/18 14:38	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 14:38	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 14:38	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 14:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/27/18 14:38	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/27/18 14:38	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/27/18 14:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW264 **Lab ID: 40171378046** Collected: 06/21/18 13:15 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 13:15		
Apparent Color	**N**	no units			1		06/21/18 13:15		
Odor	**N**	no units			1		06/21/18 13:15		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: A1 **Lab ID: 40171378047** Collected: 06/21/18 14:50 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.7**	ug/L	1.0	0.50	1		06/27/18 15:01	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 15:01	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 15:01	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 15:01	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 15:01	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 15:01	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 15:01	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 15:01	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 15:01	78-93-3	
Acetone	**5.8J**	ug/L	20.0	3.0	1		06/27/18 15:01	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 15:01	74-83-9	
Carbon disulfide	**2.1J**	ug/L	5.0	0.61	1		06/27/18 15:01	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 15:01	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 15:01	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 15:01	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 15:01	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 15:01	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 15:01	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 15:01	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 15:01	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	108-88-3	
Trichloroethene	**6.6**	ug/L	1.0	0.33	1		06/27/18 15:01	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 15:01	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 15:01	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 15:01	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 15:01	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:01	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 15:01	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 15:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/27/18 15:01	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/27/18 15:01	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/27/18 15:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: A1 **Lab ID: 40171378047** Collected: 06/21/18 14:50 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 14:50		
Apparent Color	**N**	no units			1		06/21/18 14:50		
Odor	**N**	no units			1		06/21/18 14:50		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: A2 **Lab ID: 40171378048** Collected: 06/21/18 14:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 15:23	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 15:23	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 15:23	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 15:23	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 15:23	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 15:23	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 15:23	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 15:23	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 15:23	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 15:23	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 15:23	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 15:23	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 15:23	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 15:23	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 15:23	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 15:23	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 15:23	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 15:23	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 15:23	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 15:23	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 15:23	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 15:23	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 15:23	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 15:23	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:23	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 15:23	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 15:23	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/27/18 15:23	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/27/18 15:23	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/27/18 15:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: A2 **Lab ID: 40171378048** Collected: 06/21/18 14:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 14:45		
Apparent Color	**N**	no units			1		06/21/18 14:45		
Odor	**N**	no units			1		06/21/18 14:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: F1 **Lab ID: 40171378049** Collected: 06/21/18 10:35 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.96J**	ug/L	1.0	0.50	1		06/27/18 15:46	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 15:46	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 15:46	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 15:46	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 15:46	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 15:46	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 15:46	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 15:46	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 15:46	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 15:46	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 15:46	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 15:46	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 15:46	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 15:46	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 15:46	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 15:46	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 15:46	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 15:46	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 15:46	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 15:46	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	108-88-3	
Trichloroethene	**10.9**	ug/L	1.0	0.33	1		06/27/18 15:46	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 15:46	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 15:46	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 15:46	1330-20-7	
cis-1,2-Dichloroethene	**2.6**	ug/L	1.0	0.26	1		06/27/18 15:46	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 15:46	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 15:46	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 15:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/27/18 15:46	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		06/27/18 15:46	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/27/18 15:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: F1 **Lab ID: 40171378049** Collected: 06/21/18 10:35 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 10:35		
Apparent Color	**0**	no units			1		06/21/18 10:35		
Odor	**N**	no units			1		06/21/18 10:35		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: C-WELL **Lab ID: 40171378050** Collected: 06/21/18 15:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/21/18 15:30		
Apparent Color	**N**	no units			1		06/21/18 15:30		
Odor	**N**	no units			1		06/21/18 15:30		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.4**	mg/L	2.0	0.95	1		06/26/18 11:13		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EQUIPMENT BLANK (PUMP) **Lab ID: 40171378051** Collected: 06/21/18 15:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 12:46	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 12:46	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 12:46	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 12:46	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 12:46	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 12:46	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 12:46	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 12:46	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 12:46	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 12:46	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 12:46	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 12:46	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 12:46	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 12:46	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 12:46	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 12:46	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 12:46	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 12:46	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 12:46	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 12:46	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 12:46	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 12:46	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 12:46	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 12:46	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 12:46	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 12:46	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 12:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/27/18 12:46	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/27/18 12:46	1868-53-7	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EQUIPMENT BLANK (PUMP) **Lab ID: 40171378051** Collected: 06/21/18 15:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	97	%	70-130		1		06/27/18 12:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EQUIPMENT BLANK (BAILER) **Lab ID: 40171378052** Collected: 06/20/18 16:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 13:08	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 13:08	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 13:08	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 13:08	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 13:08	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 13:08	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 13:08	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 13:08	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 13:08	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 13:08	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 13:08	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 13:08	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 13:08	67-66-3	
Chloromethane	**0.66J**	ug/L	1.0	0.50	1		06/27/18 13:08	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 13:08	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 13:08	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 13:08	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 13:08	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 13:08	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 13:08	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 13:08	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 13:08	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 13:08	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 13:08	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 13:08	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:08	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 13:08	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 13:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/27/18 13:08	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/27/18 13:08	1868-53-7	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: EQUIPMENT BLANK (BAILER) **Lab ID: 40171378052** Collected: 06/20/18 16:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	96	%	70-130		1		06/27/18 13:08	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TRIP BLANK **Lab ID: 40171378053** Collected: 06/19/18 08:00 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 13:31	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 13:31	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 13:31	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 13:31	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 13:31	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 13:31	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 13:31	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 13:31	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 13:31	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 13:31	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 13:31	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 13:31	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 13:31	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 13:31	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 13:31	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 13:31	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 13:31	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 13:31	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 13:31	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 13:31	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 13:31	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 13:31	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 13:31	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 13:31	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 13:31	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 13:31	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 13:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/27/18 13:31	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		06/27/18 13:31	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/27/18 13:31	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW8 DUP **Lab ID: 40171378054** Collected: 06/19/18 10:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 16:08	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/27/18 16:08	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 16:08	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 16:08	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 16:08	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 16:08	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 16:08	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 16:08	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 16:08	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 16:08	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 16:08	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 16:08	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 16:08	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 16:08	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 16:08	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 16:08	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 16:08	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 16:08	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 16:08	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 16:08	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 16:08	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 16:08	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 16:08	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 16:08	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:08	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 16:08	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 16:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/27/18 16:08	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/27/18 16:08	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/27/18 16:08	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW8 DUP **Lab ID: 40171378054** Collected: 06/19/18 10:25 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/19/18 10:25		
Apparent Color	**0**	no units			1		06/19/18 10:25		
Odor	**N**	no units			1		06/19/18 10:25		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW10B DUP **Lab ID: 40171378055** Collected: 06/19/18 11:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.93J**	ug/L	1.0	0.50	1		06/27/18 16:31	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 16:31	79-00-5	
1,1-Dichloroethane	**0.41J**	ug/L	1.0	0.24	1		06/27/18 16:31	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 16:31	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 16:31	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 16:31	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 16:31	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 16:31	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 16:31	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 16:31	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 16:31	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 16:31	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 16:31	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 16:31	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 16:31	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 16:31	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 16:31	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 16:31	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 16:31	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 16:31	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	108-88-3	
Trichloroethene	**17.5**	ug/L	1.0	0.33	1		06/27/18 16:31	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 16:31	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/27/18 16:31	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 16:31	1330-20-7	
cis-1,2-Dichloroethene	**12.2**	ug/L	1.0	0.26	1		06/27/18 16:31	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:31	10061-01-5	
trans-1,2-Dichloroethene	**0.30J**	ug/L	1.0	0.26	1		06/27/18 16:31	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 16:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/27/18 16:31	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/27/18 16:31	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/27/18 16:31	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: MW10B DUP **Lab ID: 40171378055** Collected: 06/19/18 11:45 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	NTU			1		06/19/18 11:45		
Apparent Color	**N**	no units			1		06/19/18 11:45		
Odor	**0**	no units			1		06/19/18 11:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW6 DUP **Lab ID: 40171378056** Collected: 06/20/18 12:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 16:53	79-00-5	
1,1-Dichloroethane	**103**	ug/L	1.0	0.24	1		06/27/18 16:53	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 16:53	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 16:53	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 16:53	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	95-50-1	
1,2-Dichloroethane	**1.4**	ug/L	1.0	0.17	1		06/27/18 16:53	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 16:53	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 16:53	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 16:53	67-64-1	
Benzene	**0.72J**	ug/L	1.0	0.50	1		06/27/18 16:53	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 16:53	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 16:53	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	108-90-7	
Chloroethane	**4.2**	ug/L	1.0	0.37	1		06/27/18 16:53	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 16:53	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 16:53	74-95-3	
Dichlorodifluoromethane	**1.4**	ug/L	1.0	0.22	1		06/27/18 16:53	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 16:53	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 16:53	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 16:53	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 16:53	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 16:53	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 16:53	75-69-4	
Vinyl chloride	**0.98J**	ug/L	1.0	0.18	1		06/27/18 16:53	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 16:53	1330-20-7	
cis-1,2-Dichloroethene	**0.58J**	ug/L	1.0	0.26	1		06/27/18 16:53	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 16:53	10061-01-5	
trans-1,2-Dichloroethene	**0.38J**	ug/L	1.0	0.26	1		06/27/18 16:53	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 16:53	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/27/18 16:53	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		06/27/18 16:53	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/27/18 16:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW6 DUP **Lab ID: 40171378056** Collected: 06/20/18 12:05 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 12:05		
Apparent Color	**0**	no units			1		06/20/18 12:05		
Odor	**0**	no units			1		06/20/18 12:05		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW7 DUP **Lab ID: 40171378057** Collected: 06/20/18 16:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/27/18 17:15	79-00-5	
1,1-Dichloroethane	**0.84J**	ug/L	1.0	0.24	1		06/27/18 17:15	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/27/18 17:15	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/27/18 17:15	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/27/18 17:15	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/27/18 17:15	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/27/18 17:15	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/27/18 17:15	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/27/18 17:15	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/27/18 17:15	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/27/18 17:15	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/27/18 17:15	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/27/18 17:15	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/27/18 17:15	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/27/18 17:15	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/27/18 17:15	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/27/18 17:15	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/27/18 17:15	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/27/18 17:15	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/27/18 17:15	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/27/18 17:15	75-69-4	
Vinyl chloride	**4.9**	ug/L	1.0	0.18	1		06/27/18 17:15	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/27/18 17:15	1330-20-7	
cis-1,2-Dichloroethene	**0.76J**	ug/L	1.0	0.26	1		06/27/18 17:15	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/27/18 17:15	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/27/18 17:15	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/27/18 17:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/27/18 17:15	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		06/27/18 17:15	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/27/18 17:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: TW7 DUP **Lab ID: 40171378057** Collected: 06/20/18 16:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	NTU			1		06/20/18 16:30		
Apparent Color	**N**	no units			1		06/20/18 16:30		
Odor	**N**	no units			1		06/20/18 16:30		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW269 **Lab ID: 40171378058** Collected: 06/12/18 08:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/26/18 01:07	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/26/18 01:07	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/26/18 01:07	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/26/18 01:07	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/26/18 01:07	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/26/18 01:07	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/26/18 01:07	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/26/18 01:07	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/26/18 01:07	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/26/18 01:07	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/26/18 01:07	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/26/18 01:07	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/26/18 01:07	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/26/18 01:07	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/26/18 01:07	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/26/18 01:07	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/26/18 01:07	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/26/18 01:07	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/26/18 01:07	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/26/18 01:07	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/26/18 01:07	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/26/18 01:07	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/26/18 01:07	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/26/18 01:07	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:07	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/26/18 01:07	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/26/18 01:07	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		06/26/18 01:07	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		06/26/18 01:07	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/26/18 01:07	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW269 **Lab ID: 40171378058** Collected: 06/12/18 08:30 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Apparent Color	**N**	no units			1		06/12/18 08:30		
Odor	**N**	no units			1		06/12/18 08:30		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW270 **Lab ID: 40171378059** Collected: 06/12/18 08:40 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		06/26/18 01:30	79-00-5	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/26/18 01:30	75-34-3	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		06/26/18 01:30	75-35-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		06/26/18 01:30	96-12-8	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		06/26/18 01:30	106-93-4	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	95-50-1	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		06/26/18 01:30	107-06-2	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		06/26/18 01:30	78-87-5	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	106-46-7	
2-Butanone (MEK)	**<3.0**	ug/L	20.0	3.0	1		06/26/18 01:30	78-93-3	
Acetone	**<3.0**	ug/L	20.0	3.0	1		06/26/18 01:30	67-64-1	
Benzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	71-43-2	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		06/26/18 01:30	74-83-9	
Carbon disulfide	**<0.61**	ug/L	5.0	0.61	1		06/26/18 01:30	75-15-0	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		06/26/18 01:30	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		06/26/18 01:30	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	74-87-3	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	124-48-1	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		06/26/18 01:30	74-95-3	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		06/26/18 01:30	75-71-8	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		06/26/18 01:30	1634-04-4	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		06/26/18 01:30	75-09-2	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		06/26/18 01:30	91-20-3	
Styrene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	100-42-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		06/26/18 01:30	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	108-88-3	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		06/26/18 01:30	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		06/26/18 01:30	75-69-4	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		06/26/18 01:30	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		06/26/18 01:30	1330-20-7	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/26/18 01:30	156-59-2	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		06/26/18 01:30	10061-01-5	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/26/18 01:30	156-60-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		06/26/18 01:30	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		06/26/18 01:30	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		06/26/18 01:30	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/26/18 01:30	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Sample: PW270 **Lab ID: 40171378059** Collected: 06/12/18 08:40 Received: 06/22/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Apparent Color	**N**	no units			1		06/12/18 08:40		
Odor	**N**	no units			1		06/12/18 08:40		

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

QC Batch: 292781 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40171378058, 40171378059

METHOD BLANK: 1712011 | Matrix: Water
Associated Lab Samples: 40171378058, 40171378059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/25/18 17:41	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/25/18 17:41	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/25/18 17:41	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/25/18 17:41	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/25/18 17:41	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/25/18 17:41	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/25/18 17:41	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/25/18 17:41	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/25/18 17:41	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/25/18 17:41	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/25/18 17:41	
2-Butanone (MEK)	ug/L	<3.0	20.0	06/25/18 17:41	
Acetone	ug/L	<3.0	20.0	06/25/18 17:41	
Benzene	ug/L	<0.50	1.0	06/25/18 17:41	
Bromodichloromethane	ug/L	<0.50	1.0	06/25/18 17:41	
Bromoform	ug/L	<0.50	1.0	06/25/18 17:41	
Bromomethane	ug/L	<2.4	5.0	06/25/18 17:41	
Carbon disulfide	ug/L	<0.61	5.0	06/25/18 17:41	
Carbon tetrachloride	ug/L	<0.50	1.0	06/25/18 17:41	
Chlorobenzene	ug/L	<0.50	1.0	06/25/18 17:41	
Chloroethane	ug/L	<0.37	1.0	06/25/18 17:41	
Chloroform	ug/L	<2.5	5.0	06/25/18 17:41	
Chloromethane	ug/L	0.51J	1.0	06/25/18 17:41	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/25/18 17:41	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/25/18 17:41	
Dibromochloromethane	ug/L	<0.50	1.0	06/25/18 17:41	
Dibromomethane	ug/L	<0.43	1.0	06/25/18 17:41	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/25/18 17:41	
Ethylbenzene	ug/L	<0.50	1.0	06/25/18 17:41	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/25/18 17:41	
Methylene Chloride	ug/L	<0.23	1.0	06/25/18 17:41	
Naphthalene	ug/L	<2.5	5.0	06/25/18 17:41	
Styrene	ug/L	<0.50	1.0	06/25/18 17:41	
Tetrachloroethene	ug/L	<0.50	1.0	06/25/18 17:41	
Tetrahydrofuran	ug/L	<2.0	5.0	06/25/18 17:41	
Toluene	ug/L	<0.50	1.0	06/25/18 17:41	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/25/18 17:41	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/25/18 17:41	
Trichloroethene	ug/L	<0.33	1.0	06/25/18 17:41	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/25/18 17:41	
Vinyl chloride	ug/L	<0.18	1.0	06/25/18 17:41	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

METHOD BLANK: 1712011 Matrix: Water
Associated Lab Samples: 40171378058, 40171378059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Xylene (Total)	ug/L	<1.5	3.0	06/25/18 17:41	
4-Bromofluorobenzene (S)	%	98	70-130	06/25/18 17:41	
Dibromofluoromethane (S)	%	103	70-130	06/25/18 17:41	
Toluene-d8 (S)	%	99	70-130	06/25/18 17:41	

LABORATORY CONTROL SAMPLE: 1712012

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.9	110	70-133	
1,1,2-Trichloroethane	ug/L	50	50.7	101	70-130	
1,1-Dichloroethane	ug/L	50	54.8	110	70-134	
1,1-Dichloroethene	ug/L	50	52.0	104	75-132	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	70-130	
1,2-Dichlorobenzene	ug/L	50	53.3	107	70-130	
1,2-Dichloroethane	ug/L	50	58.8	118	73-134	
1,2-Dichloropropane	ug/L	50	53.6	107	79-128	
1,3-Dichlorobenzene	ug/L	50	53.9	108	70-130	
1,4-Dichlorobenzene	ug/L	50	54.1	108	70-130	
Benzene	ug/L	50	56.1	112	69-137	
Bromodichloromethane	ug/L	50	52.8	106	70-130	
Bromoform	ug/L	50	45.9	92	64-133	
Bromomethane	ug/L	50	35.3	71	29-123	
Carbon disulfide	ug/L	50	45.7	91	67-153	
Carbon tetrachloride	ug/L	50	54.8	110	73-142	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	43.3	87	59-133	
Chloroform	ug/L	50	56.0	112	80-129	
Chloromethane	ug/L	50	30.2	60	27-125	
cis-1,2-Dichloroethene	ug/L	50	55.4	111	70-134	
cis-1,3-Dichloropropene	ug/L	50	49.0	98	70-130	
Dibromochloromethane	ug/L	50	50.4	101	70-130	
Dichlorodifluoromethane	ug/L	50	13.9	28	12-127	
Ethylbenzene	ug/L	50	53.9	108	86-127	
Methyl-tert-butyl ether	ug/L	50	49.9	100	65-136	
Methylene Chloride	ug/L	50	52.7	105	72-133	
Styrene	ug/L	50	53.4	107	70-130	
Tetrachloroethene	ug/L	50	50.4	101	70-130	
Toluene	ug/L	50	50.3	101	84-124	
trans-1,2-Dichloroethene	ug/L	50	53.1	106	70-133	
trans-1,3-Dichloropropene	ug/L	50	48.3	97	67-130	
Trichloroethene	ug/L	50	53.1	106	70-130	
Trichlorofluoromethane	ug/L	50	50.2	100	69-147	
Vinyl chloride	ug/L	50	36.4	73	48-134	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

LABORATORY CONTROL SAMPLE: 1712012

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	150	161	107	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			106	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1712217 1712218

Parameter	Units	40171378058 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	53.3	54.1	107	108	70-136	2	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	52.3	51.0	105	102	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	54.7	54.4	109	109	70-139	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	49.9	51.2	100	102	72-137	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	49.3	49.6	99	99	60-130	1	21	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	53.4	51.5	107	103	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	53.2	53.7	106	107	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	57.2	57.3	114	115	71-137	0	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	52.5	50.7	105	101	78-130	4	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	53.1	54.8	106	110	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	53.2	54.5	106	109	70-130	2	20	
Benzene	ug/L	<0.50	50	50	54.5	55.4	109	111	66-143	2	20	
Bromodichloromethane	ug/L	<0.50	50	50	52.0	50.4	104	101	70-130	3	20	
Bromoform	ug/L	<0.50	50	50	46.7	45.6	93	91	64-134	2	20	
Bromomethane	ug/L	<2.4	50	50	37.8	30.3	76	61	29-136	22	25	
Carbon disulfide	ug/L	<0.61	50	50	44.7	45.3	89	91	67-156	1	21	
Carbon tetrachloride	ug/L	<0.50	50	50	54.4	54.5	109	109	73-142	0	20	
Chlorobenzene	ug/L	<0.50	50	50	53.4	52.7	107	105	70-130	1	20	
Chloroethane	ug/L	<0.37	50	50	41.3	43.0	83	86	58-138	4	20	
Chloroform	ug/L	<2.5	50	50	54.8	55.4	110	111	80-131	1	20	
Chloromethane	ug/L	<0.50	50	50	29.7	30.3	59	61	24-125	2	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	54.5	54.7	109	109	68-137	0	22	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	49.1	44.0	98	88	70-130	11	20	
Dibromochloromethane	ug/L	<0.50	50	50	51.1	50.0	102	100	70-131	2	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	13.1	13.1	26	26	10-127	0	20	
Ethylbenzene	ug/L	<0.50	50	50	54.9	54.6	110	109	81-136	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	48.4	44.2	97	88	58-142	9	23	
Methylene Chloride	ug/L	<0.23	50	50	51.4	51.7	103	103	69-137	1	20	
Styrene	ug/L	<0.50	50	50	53.8	52.9	108	106	70-130	2	20	
Tetrachloroethene	ug/L	<0.50	50	50	50.9	50.9	102	102	70-132	0	20	
Toluene	ug/L	<0.50	50	50	51.7	50.7	103	101	81-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	51.9	53.3	104	107	70-136	3	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	52.0	44.2	104	88	67-130	16	20	
Trichloroethene	ug/L	<0.33	50	50	51.8	50.2	104	100	70-131	3	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	48.9	49.7	98	99	66-150	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1712217 1712218

Parameter	Units	40171378058 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/L	<0.18	50	50	35.4	35.4	71	71	46-134	0	20	
Xylene (Total)	ug/L	<1.5	150	150	164	163	109	109	70-134	1	20	
4-Bromofluorobenzene (S)	%						104	101	70-130			
Dibromofluoromethane (S)	%						105	105	70-130			
Toluene-d8 (S)	%						102	99	70-130			

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

QC Batch: 292822 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40171378001, 40171378002, 40171378003, 40171378004, 40171378005, 40171378006, 40171378007, 40171378008, 40171378009, 40171378010, 40171378011, 40171378012, 40171378013, 40171378014, 40171378015, 40171378016, 40171378017, 40171378018, 40171378019, 40171378020

METHOD BLANK: 1712111 | Matrix: Water
Associated Lab Samples: 40171378001, 40171378002, 40171378003, 40171378004, 40171378005, 40171378006, 40171378007, 40171378008, 40171378009, 40171378010, 40171378011, 40171378012, 40171378013, 40171378014, 40171378015, 40171378016, 40171378017, 40171378018, 40171378019, 40171378020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/28/18 16:22	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/28/18 16:22	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/28/18 16:22	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/28/18 16:22	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/28/18 16:22	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/28/18 16:22	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/28/18 16:22	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/28/18 16:22	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/28/18 16:22	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/28/18 16:22	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/28/18 16:22	
2-Butanone (MEK)	ug/L	<3.0	20.0	06/28/18 16:22	
Acetone	ug/L	<3.0	20.0	06/28/18 16:22	
Benzene	ug/L	<0.50	1.0	06/28/18 16:22	
Bromodichloromethane	ug/L	<0.50	1.0	06/28/18 16:22	
Bromoform	ug/L	<0.50	1.0	06/28/18 16:22	
Bromomethane	ug/L	<2.4	5.0	06/28/18 16:22	
Carbon disulfide	ug/L	<0.61	5.0	06/28/18 16:22	
Carbon tetrachloride	ug/L	<0.50	1.0	06/28/18 16:22	
Chlorobenzene	ug/L	<0.50	1.0	06/28/18 16:22	
Chloroethane	ug/L	<0.37	1.0	06/28/18 16:22	
Chloroform	ug/L	<2.5	5.0	06/28/18 16:22	
Chloromethane	ug/L	<0.50	1.0	06/28/18 16:22	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/28/18 16:22	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/28/18 16:22	
Dibromochloromethane	ug/L	<0.50	1.0	06/28/18 16:22	
Dibromomethane	ug/L	<0.43	1.0	06/28/18 16:22	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/28/18 16:22	
Ethylbenzene	ug/L	<0.50	1.0	06/28/18 16:22	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/28/18 16:22	
Methylene Chloride	ug/L	<0.23	1.0	06/28/18 16:22	
Naphthalene	ug/L	<2.5	5.0	06/28/18 16:22	
Styrene	ug/L	<0.50	1.0	06/28/18 16:22	
Tetrachloroethene	ug/L	<0.50	1.0	06/28/18 16:22	
Tetrahydrofuran	ug/L	<2.0	5.0	06/28/18 16:22	
Toluene	ug/L	<0.50	1.0	06/28/18 16:22	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/28/18 16:22	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/28/18 16:22	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

METHOD BLANK: 1712111 Matrix: Water

Associated Lab Samples: 40171378001, 40171378002, 40171378003, 40171378004, 40171378005, 40171378006, 40171378007, 40171378008, 40171378009, 40171378010, 40171378011, 40171378012, 40171378013, 40171378014, 40171378015, 40171378016, 40171378017, 40171378018, 40171378019, 40171378020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	<0.33	1.0	06/28/18 16:22	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/28/18 16:22	
Vinyl chloride	ug/L	<0.18	1.0	06/28/18 16:22	
Xylene (Total)	ug/L	<1.5	3.0	06/28/18 16:22	
4-Bromofluorobenzene (S)	%	95	70-130	06/28/18 16:22	
Dibromofluoromethane (S)	%	95	70-130	06/28/18 16:22	
Toluene-d8 (S)	%	100	70-130	06/28/18 16:22	

LABORATORY CONTROL SAMPLE: 1712112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.5	115	70-133	
1,1,2-Trichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethane	ug/L	50	52.6	105	70-134	
1,1-Dichloroethene	ug/L	50	60.3	121	75-132	
1,2-Dibromo-3-chloropropane	ug/L	50	50.9	102	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	52.4	105	70-130	
1,2-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,2-Dichloroethane	ug/L	50	48.1	96	73-134	
1,2-Dichloropropane	ug/L	50	52.4	105	79-128	
1,3-Dichlorobenzene	ug/L	50	52.8	106	70-130	
1,4-Dichlorobenzene	ug/L	50	52.4	105	70-130	
2-Butanone (MEK)	ug/L	50	64.5	129	51-187	
Acetone	ug/L	50	81.9	164	50-150	L1
Benzene	ug/L	50	51.4	103	69-137	
Bromodichloromethane	ug/L	50	49.3	99	70-130	
Bromoform	ug/L	50	43.7	87	64-133	
Bromomethane	ug/L	50	56.0	112	29-123	
Carbon disulfide	ug/L	50	60.2	120	67-153	
Carbon tetrachloride	ug/L	50	56.4	113	73-142	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	54.5	109	59-133	
Chloroform	ug/L	50	52.8	106	80-129	
Chloromethane	ug/L	50	53.1	106	27-125	
cis-1,2-Dichloroethene	ug/L	50	54.9	110	70-134	
cis-1,3-Dichloropropene	ug/L	50	46.6	93	70-130	
Dibromochloromethane	ug/L	50	53.6	107	70-130	
Dibromomethane	ug/L	50	48.8	98	70-130	
Dichlorodifluoromethane	ug/L	50	49.8	100	12-127	
Ethylbenzene	ug/L	50	56.5	113	86-127	
Methyl-tert-butyl ether	ug/L	50	51.4	103	65-136	
Methylene Chloride	ug/L	50	52.4	105	72-133	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

LABORATORY CONTROL SAMPLE: 1712112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	50	48.8	98	70-130	
Styrene	ug/L	50	52.7	105	70-130	
Tetrachloroethene	ug/L	50	55.1	110	70-130	
Tetrahydrofuran	ug/L	50	51.3	103	50-150	
Toluene	ug/L	50	54.4	109	84-124	
trans-1,2-Dichloroethene	ug/L	50	54.2	108	70-133	
trans-1,3-Dichloropropene	ug/L	50	44.3	89	67-130	
Trichloroethene	ug/L	50	52.9	106	70-130	
Trichlorofluoromethane	ug/L	50	61.8	124	69-147	
Vinyl chloride	ug/L	50	55.4	111	48-134	
Xylene (Total)	ug/L	150	165	110	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1714648 1714650

Parameter	Units	40171378003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	0.67J	50	50	56.6	57.5	112	114	70-136	2	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	50.1	50.5	100	101	70-130	1	20	
1,1-Dichloroethane	ug/L	1.6	50	50	52.0	53.7	101	104	70-139	3	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	57.7	59.5	115	119	72-137	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	50.4	53.2	101	106	60-130	5	21	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	50.6	50.2	101	100	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.0	50.8	102	102	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	47.0	47.1	94	94	71-137	0	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	49.8	50.3	100	101	78-130	1	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.8	52.7	104	105	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	52.6	51.5	105	103	70-130	2	20	
2-Butanone (MEK)	ug/L	<3.0	50	50	49.5	50.4	99	101	51-187	2	20	
Acetone	ug/L	<3.0	50	50	49.4	47.3	99	95	50-150	4	20	
Benzene	ug/L	<0.50	50	50	49.3	51.1	99	102	66-143	4	20	
Bromodichloromethane	ug/L	<0.50	50	50	49.2	49.0	98	98	70-130	0	20	
Bromoform	ug/L	<0.50	50	50	43.7	43.4	87	87	64-134	1	20	
Bromomethane	ug/L	<2.4	50	50	57.6	61.0	115	122	29-136	6	25	
Carbon disulfide	ug/L	<0.61	50	50	57.9	57.8	116	116	67-156	0	21	
Carbon tetrachloride	ug/L	<0.50	50	50	54.8	55.7	110	111	73-142	1	20	
Chlorobenzene	ug/L	<0.50	50	50	51.4	51.6	103	103	70-130	0	20	
Chloroethane	ug/L	<0.37	50	50	52.4	53.7	105	107	58-138	2	20	
Chloroform	ug/L	<2.5	50	50	50.9	52.3	102	105	80-131	3	20	
Chloromethane	ug/L	<0.50	50	50	52.3	56.2	105	112	24-125	7	20	
cis-1,2-Dichloroethene	ug/L	70.8	50	50	118	125	94	109	68-137	6	22	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	46.7	46.6	93	93	70-130	0	20	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1714648 1714650

Parameter	Units	40171378003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dibromochloromethane	ug/L	<0.50	50	50	52.1	53.1	104	106	70-131	2	20	
Dibromomethane	ug/L	<0.43	50	50	48.7	49.2	97	98	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	46.9	46.5	93	93	10-127	1	20	
Ethylbenzene	ug/L	<0.50	50	50	54.5	54.6	109	109	81-136	0	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	50.2	50.7	100	101	58-142	1	23	
Methylene Chloride	ug/L	<0.23	50	50	50.1	51.5	100	103	69-137	3	20	
Naphthalene	ug/L	<2.5	50	50	51.2	52.3	102	105	62-152	2	20	
Styrene	ug/L	<0.50	50	50	52.8	53.6	106	107	70-130	1	20	
Tetrachloroethene	ug/L	<0.50	50	50	53.6	54.5	107	109	70-132	2	20	
Tetrahydrofuran	ug/L	<2.0	50	50	49.2	50.8	98	102	50-150	3	20	
Toluene	ug/L	<0.50	50	50	53.0	53.6	106	107	81-130	1	20	
trans-1,2-Dichloroethene	ug/L	2.8	50	50	53.8	55.7	102	106	70-136	3	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	43.5	44.2	87	88	67-130	1	20	
Trichloroethene	ug/L	42.5	50	50	98.7	96.2	112	108	70-131	3	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	58.9	59.5	118	119	66-150	1	20	
Vinyl chloride	ug/L	<0.18	50	50	53.5	54.0	107	108	46-134	1	20	
Xylene (Total)	ug/L	<1.5	150	150	162	162	108	108	70-134	0	20	
4-Bromofluorobenzene (S)	%						100	99	70-130			
Dibromofluoromethane (S)	%						98	101	70-130			
Toluene-d8 (S)	%						100	99	70-130			

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

QC Batch: 292823 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40171378021, 40171378022, 40171378023, 40171378024, 40171378025, 40171378026, 40171378027, 40171378028, 40171378029, 40171378030, 40171378031, 40171378032, 40171378033, 40171378034, 40171378035, 40171378036, 40171378037, 40171378038, 40171378039, 40171378040

METHOD BLANK: 1712113 | Matrix: Water
Associated Lab Samples: 40171378021, 40171378022, 40171378023, 40171378024, 40171378025, 40171378026, 40171378027, 40171378028, 40171378029, 40171378030, 40171378031, 40171378032, 40171378033, 40171378034, 40171378035, 40171378036, 40171378037, 40171378038, 40171378039, 40171378040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/29/18 07:47	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/29/18 07:47	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/29/18 07:47	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/29/18 07:47	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/29/18 07:47	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/29/18 07:47	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/29/18 07:47	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/29/18 07:47	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/29/18 07:47	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/29/18 07:47	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/29/18 07:47	
2-Butanone (MEK)	ug/L	<3.0	20.0	06/29/18 07:47	
Acetone	ug/L	<3.0	20.0	06/29/18 07:47	
Benzene	ug/L	<0.50	1.0	06/29/18 07:47	
Bromodichloromethane	ug/L	<0.50	1.0	06/29/18 07:47	
Bromoform	ug/L	<0.50	1.0	06/29/18 07:47	
Bromomethane	ug/L	<2.4	5.0	06/29/18 07:47	
Carbon disulfide	ug/L	<0.61	5.0	06/29/18 07:47	
Carbon tetrachloride	ug/L	<0.50	1.0	06/29/18 07:47	
Chlorobenzene	ug/L	<0.50	1.0	06/29/18 07:47	
Chloroethane	ug/L	<0.37	1.0	06/29/18 07:47	
Chloroform	ug/L	<2.5	5.0	06/29/18 07:47	
Chloromethane	ug/L	<0.50	1.0	06/29/18 07:47	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/29/18 07:47	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/29/18 07:47	
Dibromochloromethane	ug/L	<0.50	1.0	06/29/18 07:47	
Dibromomethane	ug/L	<0.43	1.0	06/29/18 07:47	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/29/18 07:47	
Ethylbenzene	ug/L	<0.50	1.0	06/29/18 07:47	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/29/18 07:47	
Methylene Chloride	ug/L	<0.23	1.0	06/29/18 07:47	
Naphthalene	ug/L	<2.5	5.0	06/29/18 07:47	
Styrene	ug/L	<0.50	1.0	06/29/18 07:47	
Tetrachloroethene	ug/L	<0.50	1.0	06/29/18 07:47	
Tetrahydrofuran	ug/L	<2.0	5.0	06/29/18 07:47	
Toluene	ug/L	<0.50	1.0	06/29/18 07:47	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/29/18 07:47	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/29/18 07:47	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

METHOD BLANK: 1712113 Matrix: Water

Associated Lab Samples: 40171378021, 40171378022, 40171378023, 40171378024, 40171378025, 40171378026, 40171378027, 40171378028, 40171378029, 40171378030, 40171378031, 40171378032, 40171378033, 40171378034, 40171378035, 40171378036, 40171378037, 40171378038, 40171378039, 40171378040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	<0.33	1.0	06/29/18 07:47	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/29/18 07:47	
Vinyl chloride	ug/L	<0.18	1.0	06/29/18 07:47	
Xylene (Total)	ug/L	<1.5	3.0	06/29/18 07:47	
4-Bromofluorobenzene (S)	%	93	70-130	06/29/18 07:47	
Dibromofluoromethane (S)	%	97	70-130	06/29/18 07:47	
Toluene-d8 (S)	%	100	70-130	06/29/18 07:47	

LABORATORY CONTROL SAMPLE: 1712114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.6	115	70-133	
1,1,2-Trichloroethane	ug/L	50	51.6	103	70-130	
1,1-Dichloroethane	ug/L	50	58.3	117	70-134	
1,1-Dichloroethene	ug/L	50	63.5	127	75-132	
1,2-Dibromo-3-chloropropane	ug/L	50	45.7	91	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	50.9	102	70-130	
1,2-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,2-Dichloroethane	ug/L	50	52.9	106	73-134	
1,2-Dichloropropane	ug/L	50	53.0	106	79-128	
1,3-Dichlorobenzene	ug/L	50	51.9	104	70-130	
1,4-Dichlorobenzene	ug/L	50	50.1	100	70-130	
Benzene	ug/L	50	54.9	110	69-137	
Bromodichloromethane	ug/L	50	53.7	107	70-130	
Bromoform	ug/L	50	47.3	95	64-133	
Bromomethane	ug/L	50	43.1	86	29-123	
Carbon disulfide	ug/L	50	62.2	124	67-153	
Carbon tetrachloride	ug/L	50	59.0	118	73-142	
Chlorobenzene	ug/L	50	53.5	107	70-130	
Chloroethane	ug/L	50	59.6	119	59-133	
Chloroform	ug/L	50	53.5	107	80-129	
Chloromethane	ug/L	50	57.0	114	27-125	
cis-1,2-Dichloroethene	ug/L	50	53.6	107	70-134	
cis-1,3-Dichloropropene	ug/L	50	47.5	95	70-130	
Dibromochloromethane	ug/L	50	55.8	112	70-130	
Dichlorodifluoromethane	ug/L	50	57.2	114	12-127	
Ethylbenzene	ug/L	50	56.9	114	86-127	
Methyl-tert-butyl ether	ug/L	50	50.7	101	65-136	
Methylene Chloride	ug/L	50	55.9	112	72-133	
Styrene	ug/L	50	57.3	115	70-130	
Tetrachloroethene	ug/L	50	54.2	108	70-130	
Toluene	ug/L	50	56.7	113	84-124	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

LABORATORY CONTROL SAMPLE: 1712114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	50	56.6	113	70-133	
trans-1,3-Dichloropropene	ug/L	50	45.0	90	67-130	
Trichloroethene	ug/L	50	56.4	113	70-130	
Trichlorofluoromethane	ug/L	50	69.9	140	69-147	
Vinyl chloride	ug/L	50	62.3	125	48-134	
Xylene (Total)	ug/L	150	169	113	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1712173 1712174

Parameter	Units	40171378023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	58.3	58.4	117	117	70-136	0	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	53.1	52.7	106	105	70-130	1	20	
1,1-Dichloroethane	ug/L	1.1	50	50	58.8	58.8	115	115	70-139	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	62.6	63.1	125	126	72-137	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	50.2	51.4	100	103	60-130	2	21	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	53.5	54.4	107	109	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	49.7	50.5	99	101	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	52.9	52.4	106	105	71-137	1	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	54.7	52.8	109	106	78-130	4	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.5	51.8	103	104	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.2	50.4	102	101	70-130	2	20	
Benzene	ug/L	<0.50	50	50	55.2	55.2	110	110	66-143	0	20	
Bromodichloromethane	ug/L	<0.50	50	50	53.3	52.2	107	104	70-130	2	20	
Bromoform	ug/L	<0.50	50	50	47.6	47.5	95	95	64-134	0	20	
Bromomethane	ug/L	<2.4	50	50	46.7	47.2	93	94	29-136	1	25	
Carbon disulfide	ug/L	<0.61	50	50	61.6	63.3	122	126	67-156	3	21	
Carbon tetrachloride	ug/L	<0.50	50	50	58.7	59.8	117	120	73-142	2	20	
Chlorobenzene	ug/L	<0.50	50	50	53.3	53.6	107	107	70-130	1	20	
Chloroethane	ug/L	0.47J	50	50	60.9	61.0	121	121	58-138	0	20	
Chloroform	ug/L	<2.5	50	50	53.6	53.9	107	108	80-131	0	20	
Chloromethane	ug/L	<0.50	50	50	57.1	58.1	113	115	24-125	2	20	
cis-1,2-Dichloroethene	ug/L	1.1	50	50	56.5	56.1	111	110	68-137	1	22	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	47.9	46.4	96	93	70-130	3	20	
Dibromochloromethane	ug/L	<0.50	50	50	56.3	56.9	113	114	70-131	1	20	
Dichlorodifluoromethane	ug/L	0.36J	50	50	54.7	56.3	109	112	10-127	3	20	
Ethylbenzene	ug/L	<0.50	50	50	56.2	57.1	112	114	81-136	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	51.6	50.9	103	102	58-142	2	23	
Methylene Chloride	ug/L	<0.23	50	50	56.1	55.5	112	111	69-137	1	20	
Styrene	ug/L	<0.50	50	50	57.1	57.9	114	116	70-130	1	20	
Tetrachloroethene	ug/L	<0.50	50	50	53.7	56.6	107	113	70-132	5	20	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1712173 1712174

Parameter	Units	40171378023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene	ug/L	<0.50	50	50	55.9	57.1	112	114	81-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	55.6	58.9	111	117	70-136	6	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	45.7	46.8	91	94	67-130	2	20	
Trichloroethene	ug/L	<0.33	50	50	57.0	56.4	114	113	70-131	1	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	67.1	68.8	134	138	66-150	2	20	
Vinyl chloride	ug/L	8.2	50	50	70.4	70.0	124	123	46-134	1	20	
Xylene (Total)	ug/L	<1.5	150	150	166	168	111	112	70-134	1	20	
4-Bromofluorobenzene (S)	%						99	99	70-130			
Dibromofluoromethane (S)	%						100	102	70-130			
Toluene-d8 (S)	%						98	100	70-130			

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

QC Batch: 292824 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40171378041, 40171378042, 40171378043, 40171378044, 40171378045, 40171378046, 40171378047, 40171378048, 40171378049, 40171378051, 40171378052, 40171378053, 40171378054, 40171378055, 40171378056, 40171378057

METHOD BLANK: 1712115 | Matrix: Water
Associated Lab Samples: 40171378041, 40171378042, 40171378043, 40171378044, 40171378045, 40171378046, 40171378047, 40171378048, 40171378049, 40171378051, 40171378052, 40171378053, 40171378054, 40171378055, 40171378056, 40171378057

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/27/18 09:47	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/27/18 09:47	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/27/18 09:47	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/27/18 09:47	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/27/18 09:47	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/27/18 09:47	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/27/18 09:47	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/27/18 09:47	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/27/18 09:47	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/27/18 09:47	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/27/18 09:47	
2-Butanone (MEK)	ug/L	<3.0	20.0	06/27/18 09:47	
Acetone	ug/L	<3.0	20.0	06/27/18 09:47	
Benzene	ug/L	<0.50	1.0	06/27/18 09:47	
Bromodichloromethane	ug/L	<0.50	1.0	06/27/18 09:47	
Bromoform	ug/L	<0.50	1.0	06/27/18 09:47	
Bromomethane	ug/L	<2.4	5.0	06/27/18 09:47	
Carbon disulfide	ug/L	<0.61	5.0	06/27/18 09:47	
Carbon tetrachloride	ug/L	<0.50	1.0	06/27/18 09:47	
Chlorobenzene	ug/L	<0.50	1.0	06/27/18 09:47	
Chloroethane	ug/L	<0.37	1.0	06/27/18 09:47	
Chloroform	ug/L	<2.5	5.0	06/27/18 09:47	
Chloromethane	ug/L	<0.50	1.0	06/27/18 09:47	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/27/18 09:47	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/27/18 09:47	
Dibromochloromethane	ug/L	<0.50	1.0	06/27/18 09:47	
Dibromomethane	ug/L	<0.43	1.0	06/27/18 09:47	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/27/18 09:47	
Ethylbenzene	ug/L	<0.50	1.0	06/27/18 09:47	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/27/18 09:47	
Methylene Chloride	ug/L	<0.23	1.0	06/27/18 09:47	
Naphthalene	ug/L	<2.5	5.0	06/27/18 09:47	
Styrene	ug/L	<0.50	1.0	06/27/18 09:47	
Tetrachloroethene	ug/L	<0.50	1.0	06/27/18 09:47	
Tetrahydrofuran	ug/L	<2.0	5.0	06/27/18 09:47	
Toluene	ug/L	<0.50	1.0	06/27/18 09:47	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/27/18 09:47	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/27/18 09:47	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

METHOD BLANK: 1712115 Matrix: Water

Associated Lab Samples: 40171378041, 40171378042, 40171378043, 40171378044, 40171378045, 40171378046, 40171378047, 40171378048, 40171378049, 40171378051, 40171378052, 40171378053, 40171378054, 40171378055, 40171378056, 40171378057

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	<0.33	1.0	06/27/18 09:47	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/27/18 09:47	
Vinyl chloride	ug/L	<0.18	1.0	06/27/18 09:47	
Xylene (Total)	ug/L	<1.5	3.0	06/27/18 09:47	
4-Bromofluorobenzene (S)	%	93	70-130	06/27/18 09:47	
Dibromofluoromethane (S)	%	104	70-130	06/27/18 09:47	
Toluene-d8 (S)	%	95	70-130	06/27/18 09:47	

LABORATORY CONTROL SAMPLE: 1712116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.8	106	70-133	
1,1,2-Trichloroethane	ug/L	50	50.2	100	70-130	
1,1-Dichloroethane	ug/L	50	60.5	121	70-134	
1,1-Dichloroethene	ug/L	50	59.3	119	75-132	
1,2-Dibromo-3-chloropropane	ug/L	50	44.0	88	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	70-130	
1,2-Dichlorobenzene	ug/L	50	51.2	102	70-130	
1,2-Dichloroethane	ug/L	50	57.8	116	73-134	
1,2-Dichloropropane	ug/L	50	53.7	107	79-128	
1,3-Dichlorobenzene	ug/L	50	52.2	104	70-130	
1,4-Dichlorobenzene	ug/L	50	52.7	105	70-130	
Benzene	ug/L	50	55.4	111	69-137	
Bromodichloromethane	ug/L	50	51.4	103	70-130	
Bromoform	ug/L	50	43.1	86	64-133	
Bromomethane	ug/L	50	39.8	80	29-123	
Carbon disulfide	ug/L	50	55.3	111	67-153	
Carbon tetrachloride	ug/L	50	55.4	111	73-142	
Chlorobenzene	ug/L	50	53.0	106	70-130	
Chloroethane	ug/L	50	55.1	110	59-133	
Chloroform	ug/L	50	55.4	111	80-129	
Chloromethane	ug/L	50	48.1	96	27-125	
cis-1,2-Dichloroethene	ug/L	50	55.2	110	70-134	
cis-1,3-Dichloropropene	ug/L	50	46.8	94	70-130	
Dibromochloromethane	ug/L	50	47.5	95	70-130	
Dichlorodifluoromethane	ug/L	50	40.5	81	12-127	
Ethylbenzene	ug/L	50	52.6	105	86-127	
Methyl-tert-butyl ether	ug/L	50	48.5	97	65-136	
Methylene Chloride	ug/L	50	55.9	112	72-133	
Styrene	ug/L	50	53.0	106	70-130	
Tetrachloroethene	ug/L	50	50.5	101	70-130	
Toluene	ug/L	50	50.5	101	84-124	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

LABORATORY CONTROL SAMPLE: 1712116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	50	57.3	115	70-133	
trans-1,3-Dichloropropene	ug/L	50	44.9	90	67-130	
Trichloroethene	ug/L	50	55.1	110	70-130	
Trichlorofluoromethane	ug/L	50	61.5	123	69-147	
Vinyl chloride	ug/L	50	54.8	110	48-134	
Xylene (Total)	ug/L	150	159	106	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			106	70-130	
Toluene-d8 (S)	%			93	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1712117 1712118

Parameter	Units	40171401004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	52.3	54.7	104	108	70-136	4	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	50.8	53.6	102	107	70-130	5	20	
1,1-Dichloroethane	ug/L	3.3	50	50	63.0	65.6	119	124	70-139	4	20	
1,1-Dichloroethene	ug/L	1.1	50	50	59.9	61.0	118	120	72-137	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	43.9	45.7	88	91	60-130	4	21	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	52.1	55.3	104	111	70-130	6	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.7	54.3	103	109	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	56.9	57.9	114	116	71-137	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	52.3	54.7	105	109	78-130	4	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.2	55.2	104	110	70-130	5	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	53.7	55.7	107	111	70-130	4	20	
Benzene	ug/L	<0.50	50	50	54.5	57.0	109	114	66-143	5	20	
Bromodichloromethane	ug/L	<0.50	50	50	51.9	55.4	104	111	70-130	6	20	
Bromoform	ug/L	<0.50	50	50	44.0	47.0	88	94	64-134	7	20	
Bromomethane	ug/L	<2.4	50	50	43.4	46.5	87	93	29-136	7	25	
Carbon disulfide	ug/L	<0.61	50	50	55.0	57.8	110	116	67-156	5	21	
Carbon tetrachloride	ug/L	<0.50	50	50	54.9	57.8	110	116	73-142	5	20	
Chlorobenzene	ug/L	<0.50	50	50	52.9	55.5	106	111	70-130	5	20	
Chloroethane	ug/L	<0.37	50	50	55.0	56.4	110	113	58-138	2	20	
Chloroform	ug/L	<2.5	50	50	54.5	56.8	109	114	80-131	4	20	
Chloromethane	ug/L	<0.50	50	50	48.7	51.1	97	102	24-125	5	20	
cis-1,2-Dichloroethene	ug/L	22.5	50	50	76.8	79.6	109	114	68-137	4	22	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	46.4	47.6	93	95	70-130	3	20	
Dibromochloromethane	ug/L	<0.50	50	50	49.1	52.2	98	104	70-131	6	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	38.9	41.3	78	83	10-127	6	20	
Ethylbenzene	ug/L	<0.50	50	50	53.3	55.5	107	111	81-136	4	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	47.4	49.2	95	98	58-142	4	23	
Methylene Chloride	ug/L	<0.23	50	50	56.4	59.3	113	119	69-137	5	20	
Styrene	ug/L	<0.50	50	50	53.6	55.8	107	112	70-130	4	20	
Tetrachloroethene	ug/L	<0.50	50	50	50.4	53.8	100	107	70-132	6	20	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1712117 1712118

Parameter	Units	40171401004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene	ug/L	0.78J	50	50	51.5	55.2	101	109	81-130	7	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	57.4	59.4	115	119	70-136	3	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	45.7	48.0	91	96	67-130	5	20	
Trichloroethene	ug/L	2.1	50	50	55.0	58.5	106	113	70-131	6	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	60.7	62.9	121	126	66-150	4	20	
Vinyl chloride	ug/L	<0.18	50	50	53.6	55.8	107	112	46-134	4	20	
Xylene (Total)	ug/L	<1.5	150	150	161	173	107	115	70-134	7	20	
4-Bromofluorobenzene (S)	%						99	98	70-130			
Dibromofluoromethane (S)	%						107	102	70-130			
Toluene-d8 (S)	%						93	94	70-130			

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

QC Batch: 292872 | Analysis Method: SM 2540D
QC Batch Method: SM 2540D | Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 40171378050

METHOD BLANK: 1712339 | Matrix: Water
Associated Lab Samples: 40171378050

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	<0.48	1.0	06/26/18 11:12	

LABORATORY CONTROL SAMPLE: 1712340

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	98.0	98	80-120	

SAMPLE DUPLICATE: 1712342

Parameter	Units	40171387001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	37.3	33.3	11	5	R1

SAMPLE DUPLICATE: 1712433

Parameter	Units	40171313001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	124	137	9	5	R1

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

WORKORDER QUALIFIERS

WO: 40171378

[1] Revised report to include missing compounds to samples PW-269.

ANALYTE QUALIFIERS

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

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40171378001	**TW15**	EPA 8260	292822		
40171378002	**MW8**	EPA 8260	292822		
40171378003	**MW10S**	EPA 8260	292822		
40171378004	**C2**	EPA 8260	292822		
40171378005	**MW10D**	EPA 8260	292822		
40171378006	**MW10B**	EPA 8260	292822		
40171378007	**E1**	EPA 8260	292822		
40171378008	**E2**	EPA 8260	292822		
40171378009	**E3**	EPA 8260	292822		
40171378010	**D3**	EPA 8260	292822		
40171378011	**D1**	EPA 8260	292822		
40171378012	**D2**	EPA 8260	292822		
40171378013	**MW1**	EPA 8260	292822		
40171378014	**MW2**	EPA 8260	292822		
40171378015	**MW3**	EPA 8260	292822		
40171378016	**MW4**	EPA 8260	292822		
40171378017	**TW6**	EPA 8260	292822		
40171378018	**PW1**	EPA 8260	292822		
40171378019	**TW9**	EPA 8260	292822		
40171378020	**TW10R**	EPA 8260	292822		
40171378021	**TW13**	EPA 8260	292823		
40171378022	**TW12**	EPA 8260	292823		
40171378023	**TW7**	EPA 8260	292823		
40171378024	**MW14**	EPA 8260	292823		
40171378025	**TW11**	EPA 8260	292823		
40171378026	**MW7**	EPA 8260	292823		
40171378027	**TW16**	EPA 8260	292823		
40171378028	**PW3**	EPA 8260	292823		
40171378029	**EX7**	EPA 8260	292823		
40171378030	**GEW26**	EPA 8260	292823		
40171378031	**EX8**	EPA 8260	292823		
40171378032	**MW5**	EPA 8260	292823		
40171378033	**MW5 DUP**	EPA 8260	292823		
40171378034	**MW6**	EPA 8260	292823		
40171378035	**MW6 DUP**	EPA 8260	292823		
40171378036	**EX4**	EPA 8260	292823		
40171378037	**EX5**	EPA 8260	292823		
40171378038	**PW8 NEW**	EPA 8260	292823		
40171378039	**PW51**	EPA 8260	292823		
40171378040	**PW57**	EPA 8260	292823		
40171378041	**PW259**	EPA 8260	292824		
40171378042	**PW20**	EPA 8260	292824		
40171378043	**PW260**	EPA 8260	292824		
40171378044	**PW221**	EPA 8260	292824		
40171378045	**PW271**	EPA 8260	292824		
40171378046	**PW264**	EPA 8260	292824		
40171378047	**A1**	EPA 8260	292824		
40171378048	**A2**	EPA 8260	292824		

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40171378049	**F1**	EPA 8260	292824		
40171378051	**EQUIPMENT BLANK (PUMP)**	EPA 8260	292824		
40171378052	**EQUIPMENT BLANK (BAILER)**	EPA 8260	292824		
40171378053	**TRIP BLANK**	EPA 8260	292824		
40171378054	**MW8 DUP**	EPA 8260	292824		
40171378055	**MW10B DUP**	EPA 8260	292824		
40171378056	**TW6 DUP**	EPA 8260	292824		
40171378057	**TW7 DUP**	EPA 8260	292824		
40171378058	**PW269**	EPA 8260	292781		
40171378059	**PW270**	EPA 8260	292781		
40171378001	**TW15**				
40171378002	**MW8**				
40171378003	**MW10S**				
40171378004	**C2**				
40171378005	**MW10D**				
40171378006	**MW10B**				
40171378007	**E1**				
40171378008	**E2**				
40171378009	**E3**				
40171378010	**D3**				
40171378011	**D1**				
40171378012	**D2**				
40171378013	**MW1**				
40171378014	**MW2**				
40171378015	**MW3**				
40171378016	**MW4**				
40171378017	**TW6**				
40171378018	**PW1**				
40171378019	**TW9**				
40171378020	**TW10R**				
40171378021	**TW13**				
40171378022	**TW12**				
40171378023	**TW7**				
40171378024	**MW14**				
40171378025	**TW11**				
40171378026	**MW7**				
40171378027	**TW16**				
40171378028	**PW3**				
40171378029	**EX7**				
40171378030	**GEW26**				
40171378031	**EX8**				
40171378032	**MW5**				
40171378033	**MW5 DUP**				
40171378034	**MW6**				
40171378035	**MW6 DUP**				
40171378036	**EX4**				
40171378037	**EX5**				
40171378038	**PW8 NEW**				

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40171378

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40171378039	**PW51**				
40171378040	**PW57**				
40171378041	**PW259**				
40171378042	**PW20**				
40171378043	**PW260**				
40171378045	**PW271**				
40171378046	**PW264**				
40171378047	**A1**				
40171378048	**A2**				
40171378049	**F1**				
40171378050	**C-WELL**				
40171378054	**MW8 DUP**				
40171378055	**MW10B DUP**				
40171378056	**TW6 DUP**				
40171378057	**TW7 DUP**				
40171378058	**PW269**				
40171378059	**PW270**				
40171378050	**C-WELL**	SM 2540D	292872		

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 5

COC No. 40171378

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Middleton, WI
Project Contact:	Leo Linnemanstons
Phone:	(608) 828-8208
Project Number:	60485031
Project Name:	Schuster Drive Landfill
Project State:	WI
Sampled By (Print):	Alex Moe
Sampled By (Sign):	Alexmoe
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	Leo Linnemanstons
Mail To Company:	AECOM - Middleton
Mail To Address:	
Invoice To Contact:	Leo Linnemanstons
Invoice To Company:	AECOM - Middleton
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD (billable)
- ☐ On your sample
- ☒ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: VOCs 8260 (NR507 list)	TSS 2540D							CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile # 171
FILTERED? (YES/NO) PRESERVATION (CODE)*					Y/N: N	A									
					Pick Letter: B	N									
001	TW-15	6/19/18	0925	GW	3										
002	MW-8	6/19/18	1025		3										
003	MW-10S	6/19/18	1130		3										
004	C-2	6/19/18	1040		3										
005	MW-10D	6/19/18	1125		3										
006	MW-10B	6/19/18	1145		3										
007	E-1	6/19/18	1245		3										
008	E-2	6/19/18	1325		3										
009	E-3	6/19/18	1305		3										
010	D-3	6/19/18	1545		3										
011	D-1	6/19/18	1625		3										
012	D-2	6/19/18	1645		3										
013	MW-1	6/20/18	0920		3										

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Alex Moe / AECOM	6/22/18 1000 AM	Mary Jannin	6/22/18 10:37
Mary Jannin	6/22/18 1245	[illegible]	6/22/18 1245
[illegible]	6/22/18 1505	[illegible]	6/22/18 1505

PACE Project No. 40171378

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

COC No. 40171378

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Middleton, WI
Project Contact:	Leo Linnemanstons
Phone:	(608) 828-8208
Project Number:	60485031
Project Name:	Schuster Drive Landfill
Project State:	WI
Sampled By (Print):	Alex Moe
Sampled By (Sign):	alm
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	Leo Linnemanstons
Mail To Company:	AECOM - Middleton
Mail To Address:	
Invoice To Contact:	Leo Linnemanstons
Invoice To Company:	AECOM - Middleton
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	VOCs 8260 (NR507 list)	TSS 2540D	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile # 171
					Y/N	N	A			
					Pick Letter	B	N			
014	MW-2	6/20/18	0945	GW		3				
015	MW-3	6/20/18	1020			3				
016	MW-4	6/20/18	1045			3				
017	TW-6	6/20/18	1205			3				
018	PW-1	6/20/18	1315			3				
019	TW-9	6/20/18	1405			3				
020	TW-10R	6/20/18	1520			3				
021	TW-13	6/20/18	1545			3				
022	TW-12	6/20/18	1610			3				
023	TW-7	6/20/18	1630			3				
024	MW-14	6/20/18	1500			3				
025	TW-11	6/21/18	0920			3				
026	MW-7	6/21/18	0940			3				

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Alex Moe/Ove/AECOM	6/22/18 1000AM	Mary Fannin	6/22/18 10:37
Mary Fannin	6/22/18 1245	[signature]	6/22/18 1245
[signature]	6/22/18 1505	[signature] Pace	6/22/18 1505

PACE Project No. 40171378

Receipt Temp = 20D °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

COC No. 40171378

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Middleton, WI
Project Contact:	Leo Linnemanstons
Phone:	(608) 828-8208
Project Number:	60485031
Project Name:	Schuster Drive Landfill
Project State:	WI
Sampled By (Print):	Alex Moe
Sampled By (Sign):	alex
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	Leo Linnemanstons
Mail To Company:	AECOM - Middleton
Mail To Address:	
Invoice To Contact:	Leo Linnemanstons
Invoice To Company:	AECOM - Middleton
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

***Preservation Codes**
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: VOCs 8260 (NR507 list)	TSS 2540D							CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile # 171
FILTERED? (YES/NO)					Y/N	N	A								
PRESERVATION (CODE)*					Pick Letter	B	N								
027	TW-16	6/21/18	1050	GW		3									
028	PW-3		1025			3									
029	EX-7		0945			3									
030	GEW26		1005			3									
031	EX-8		1120			3									
032	MW-5		1120			3									
033	MW-5-DUP		1120			3									
034	MW-6		1210			3									
035	MW-6-DUP		1210			3									
036	EX-4		1130			3									
037	EX-5		1015			3									
038	PW-8 NEW		1150			3									
039	PW-51		1220			3									

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Alex Moe/AECOM	6/22/18 1000 AM	Mary Fannin	6/22/18 10:37
Mary Fannin	6/22/18 1245	[illegible]	6/22/18 1245
[illegible]	6/22/18 1505	[illegible]	6/22/18 1505

PACE Project No. 40171378

Receipt Temp = 6.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

COC No. 40171378

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Middleton, WI
Project Contact:	Leo Linnemanstons
Phone:	(608) 828-8208
Project Number:	60485031
Project Name:	Schuster Drive Landfill
Project State:	WI
Sampled By (Print):	Alex Moe
Sampled By (Sign):	[signature]
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Leo Linnemanstons
Mail To Company:	AECOM - Middleton
Mail To Address:	
Invoice To Contact:	Leo Linnemanstons
Invoice To Company:	AECOM - Middleton
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: VOCs 8260 (NR507 list)	TSS 2540D							CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile # 171
FILTERED? (YES/NO) PRESERVATION (CODE)*					Y/N: N	A									
					Pick Letter: B	N									
040	PW-57	6/21/18	1235	GW	3										
041	PW-259		1255		3										
042	PW-20		1210		3										
043	PW-260		1310		3										
044	PW-221		1320		1										
045	PW-271		1300		3										
046	PW-264		1315		3										
047	A-1		1450		3										
048	A-2		1445		3										
049	F-1		1035		3										
050	C-WELL		1530			2									
051	Equipment Blank (Pump)	✓	1530		3										
052	Equipment Blank (Bailer)	6/20/18	1645	✓	3										

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Alex Moe/ah/AECOM	6/22/18 1000AM	Mary Fannin	6/22/18 10:37
Mary Fannin	6/22/18 1245	[signature]	6/22/18 1245
[signature]	6/22/18 1505	[signature]	6/22/18 1505

PACE Project No. 40171378

Receipt Temp = 20.5 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0, 06/14/06

C019a(27Jun2006)

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UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

COC No. 40171378

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Middleton, WI
Project Contact:	Leo Linnemanstons
Phone:	(608) 828-8208
Project Number:	60485031
Project Name:	Schuster Drive Landfill
Project State:	WI
Sampled By (Print):	Alex Moe
Sampled By (Sign):	alm
PO #:	
Regulatory Program:	

***Preservation Codes**
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	Leo Linnemanstons
Mail To Company:	AECOM - Middleton
Mail To Address:	
Invoice To Contact:	Leo Linnemanstons
Invoice To Company:	AECOM - Middleton
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	VOCs 8260 (NR507 list)	TSS 2540D	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile # 171
					Y/N	N	A			
					Pick Letter	B	N			
053	TRIP BLANK	6/19/18	0800	GW		2				
054	MW-8-DUP	6/19/18	1025	↓		3				
055	MW-10B-DUP	6/19/18	1145	↓		3				
056	TW-6-DUP	6/20/18	1205	↓		3				
057	TW-7-DUP	6/20/18	1630	↓		3				
058	PW-269 ①	6/12/18	830 ①			X ①				
059	PW-270 ①	6/12/18	840			X				
	① Added per Alex Moe 6/25/18 CO#								Received in shipment and ① Added to CoC by Lab. 6/22/18 CO#	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By:	Date/Time:	Received By:	Date/Time:	PACE Project No.
	Alex Moe/alm/AECOM	6/22/18/1000AM	Mary Fannin	6/22/18 1037	40171378
Transmit Prelim Rush Results by (complete what you want):	Mary Fannin	6/22/18 1245	[signature]	6/22/18 1245	Receipt Temp = 20 °C
Email #1:	[signature]	6/22/18 1505	[signature]	6/22/18 1505	Sample Receipt pH OK / Adjusted
Email #2:					
Telephone:					Cooler Custody Seal Present / Not Present Intact / Not Intact
Fax:					
Samples on HOLD are subject to special pricing and release of liability					

Version 6.0 06/14/06

C019a(27Jun2006)

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: AECOM

Project # 40171378

All containers needing preservation have been checked and noted below: □Yes □No ☒N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/ Time:

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																		3															2.5 / 5 / 10
002																		3															2.5 / 5 / 10
003																		3															2.5 / 5 / 10
004																		3															2.5 / 5 / 10
005																		3															2.5 / 5 / 10
006																		3															2.5 / 5 / 10
007																		3															2.5 / 5 / 10
008																		3															2.5 / 5 / 10
009																		3															2.5 / 5 / 10
010																		3															2.5 / 5 / 10
011																		3															2.5 / 5 / 10
012																		3															2.5 / 5 / 10
013																		3															2.5 / 5 / 10
014																		3															2.5 / 5 / 10
015																		3															2.5 / 5 / 10
016																		3															2.5 / 5 / 10
017																		3															2.5 / 5 / 10
018																		3															2.5 / 5 / 10
019																		3															2.5 / 5 / 10
020																		3															2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : ☒Yes □No □N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: AECOM

Project #: 40171378

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
021																		3															2.5 / 5 / 10
022																		3															2.5 / 5 / 10
023																		3															2.5 / 5 / 10
024																		3															2.5 / 5 / 10
025																		3															2.5 / 5 / 10
026																		3															2.5 / 5 / 10
027																		3															2.5 / 5 / 10
028																		3															2.5 / 5 / 10
029																		3															2.5 / 5 / 10
030																		3															2.5 / 5 / 10
031																		3															2.5 / 5 / 10
032																		3															2.5 / 5 / 10
033																		3															2.5 / 5 / 10
034																		3									1						2.5 / 5 / 10
035																		3															2.5 / 5 / 10
036																		3															2.5 / 5 / 10
037																		3															2.5 / 5 / 10
038																		3															2.5 / 5 / 11
039																		3															2.5 / 5 / 12
040																		3															2.5 / 5 / 13
041																		3															2.5 / 5 / 14
042																		3															2.5 / 5 / 15
043																		3															2.5 / 5 / 16
044																		1															2.5 / 5 / 17
045																		3															2.5 / 5 / 18
046																		3															2.5 / 5 / 19
047																		3									1						2.5 / 5 / 20
048																		3															2.5 / 5 / 21
049																		3															2.5 / 5 / 22
050																																	2.5 / 5 / 23

[illegible] 6/22/18

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: AECOM

Project #: 40171378

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
051																		3															2.5 / 5 / 10
052																		3															2.5 / 5 / 10
053																		2															2.5 / 5 / 10
054																		3															2.5 / 5 / 10
055																		3															2.5 / 5 / 10
056																		3															2.5 / 5 / 10
057																		3															2.5 / 5 / 10
058																		3															2.5 / 5 / 10
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																																	2.5 / 5 / 21
																																	2.5 / 5 / 22
																																	2.5 / 5 / 23

Pace Analytical 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 25Apr2018
	Document No.: **F-GB-C-031-Rev.07**	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO#: 40171378**

40171378

Client Name: AECOM

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☒ Pace Other: _____

Tracking #: _____

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

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - N/A **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 8.07 /Corr:

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 6/22/18
Initials: SSM

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No 6/22/18	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☒No ☐N/A	12. 010 - "1540" collect time 011 - "1605" collect time SM 6/22/18
Trip Blank Present:	☒Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 402		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Alex Moe Date/Time: 6/25/18

Comments/ Resolution:
Proceed with analysis of PW-269 and PW-270 per Alex. Also collect date listed correctly on sample labels. 6/25/18 CM

Project Manager Review: CM **Date:** 6/25/18

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

September 27, 2018

Leo B. Linnemanstons, P.G.
AECOM, Inc. - Madison
1350 Deming Way
Suite 100
Middleton, WI 53562

RE: Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Dear Leo Linnemanstons, P.G.:
Enclosed are the analytical results for sample(s) received by the laboratory on September 21, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Sarah Engelhardt, AECOM, Inc.

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CERTIFICATIONS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40176252001	**EX04**	Water	09/19/18 11:20	09/21/18 09:40
40176252002	**EX05**	Water	09/19/18 13:05	09/21/18 09:40
40176252003	**EX07**	Water	09/19/18 11:00	09/21/18 09:40
40176252004	**EX08**	Water	09/19/18 12:45	09/21/18 09:40
40176252005	**GEW26**	Water	09/19/18 11:10	09/21/18 09:40
40176252006	**TW15**	Water	09/19/18 10:05	09/21/18 09:40
40176252007	**MW10S**	Water	09/19/18 12:00	09/21/18 09:40
40176252008	**MW10D**	Water	09/19/18 10:45	09/21/18 09:40
40176252009	**MW10B**	Water	09/19/18 14:50	09/21/18 09:40
40176252010	**MW10B DUP**	Water	09/19/18 14:50	09/21/18 09:40
40176252011	**PW1**	Water	09/18/18 09:30	09/21/18 09:40
40176252012	**PW3**	Water	09/18/18 09:40	09/21/18 09:40
40176252013	**TRIP BLANK**	Water	09/18/18 08:00	09/21/18 09:40
40176252014	**EX01A**	Water	09/18/18 00:00	09/21/18 09:40

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SAMPLE ANALYTE COUNT

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40176252001	**EX04**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40176252002	**EX05**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40176252003	**EX07**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40176252004	**EX08**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40176252005	**GEW26**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40176252006	**TW15**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40176252007	**MW10S**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40176252008	**MW10D**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40176252009	**MW10B**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40176252010	**MW10B DUP**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40176252011	**PW1**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40176252012	**PW3**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40176252013	**TRIP BLANK**	EPA 8260	HNW	45	PASI-G
40176252014	**EX01A**		CDH	1	PASI-G

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: EX04 **Lab ID: 40176252001** Collected: 09/19/18 11:20 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.59J**	ug/L	1.0	0.24	1		09/24/18 11:52	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/24/18 11:52	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		09/24/18 11:52	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		09/24/18 11:52	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/24/18 11:52	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/24/18 11:52	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 11:52	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 11:52	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 11:52	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/24/18 11:52	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/24/18 11:52	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/24/18 11:52	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/24/18 11:52	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/24/18 11:52	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/24/18 11:52	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/24/18 11:52	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/24/18 11:52	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/24/18 11:52	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 11:52	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 11:52	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/24/18 11:52	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/24/18 11:52	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/24/18 11:52	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/24/18 11:52	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/24/18 11:52	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/24/18 11:52	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/24/18 11:52	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/24/18 11:52	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/24/18 11:52	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/24/18 11:52	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/24/18 11:52	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		09/24/18 11:52	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/24/18 11:52	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/24/18 11:52	108-88-3	
Trichloroethene	**12.6**	ug/L	1.0	0.26	1		09/24/18 11:52	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/24/18 11:52	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 11:52	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/24/18 11:52	1330-20-7	
cis-1,2-Dichloroethene	**4.2**	ug/L	1.0	0.27	1		09/24/18 11:52	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/24/18 11:52	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		09/24/18 11:52	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/24/18 11:52	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/24/18 11:52	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		09/24/18 11:52	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/24/18 11:52	2037-26-5	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: EX04 **Lab ID: 40176252001** Collected: 09/19/18 11:20 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		09/19/18 11:20		
Apparent Color	**N**	no units			1		09/19/18 11:20		
Odor	**N**	no units			1		09/19/18 11:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: EX05 **Lab ID: 40176252002** Collected: 09/19/18 13:05 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.6**	ug/L	1.0	0.24	1		09/24/18 12:15	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/24/18 12:15	79-00-5	
1,1-Dichloroethane	**0.43J**	ug/L	1.0	0.27	1		09/24/18 12:15	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		09/24/18 12:15	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/24/18 12:15	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/24/18 12:15	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 12:15	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 12:15	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 12:15	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/24/18 12:15	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/24/18 12:15	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/24/18 12:15	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/24/18 12:15	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/24/18 12:15	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/24/18 12:15	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/24/18 12:15	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/24/18 12:15	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/24/18 12:15	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 12:15	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 12:15	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/24/18 12:15	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/24/18 12:15	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/24/18 12:15	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/24/18 12:15	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/24/18 12:15	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/24/18 12:15	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/24/18 12:15	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/24/18 12:15	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/24/18 12:15	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/24/18 12:15	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/24/18 12:15	100-42-5	
Tetrachloroethene	**0.61J**	ug/L	1.1	0.33	1		09/24/18 12:15	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/24/18 12:15	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/24/18 12:15	108-88-3	
Trichloroethene	**22.2**	ug/L	1.0	0.26	1		09/24/18 12:15	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/24/18 12:15	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 12:15	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/24/18 12:15	1330-20-7	
cis-1,2-Dichloroethene	**18.6**	ug/L	1.0	0.27	1		09/24/18 12:15	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/24/18 12:15	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		09/24/18 12:15	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/24/18 12:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/24/18 12:15	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		09/24/18 12:15	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/24/18 12:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: EX05 **Lab ID: 40176252002** Collected: 09/19/18 13:05 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		09/19/18 13:05		
Apparent Color	**N**	no units			1		09/19/18 13:05		
Odor	**N**	no units			1		09/19/18 13:05		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: EX07 **Lab ID: 40176252003** Collected: 09/19/18 11:00 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.35J**	ug/L	1.0	0.24	1		09/24/18 12:37	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/24/18 12:37	79-00-5	
1,1-Dichloroethane	**5.0**	ug/L	1.0	0.27	1		09/24/18 12:37	75-34-3	
1,1-Dichloroethene	**0.89J**	ug/L	1.0	0.24	1		09/24/18 12:37	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/24/18 12:37	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/24/18 12:37	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 12:37	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 12:37	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 12:37	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/24/18 12:37	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/24/18 12:37	106-46-7	
2-Butanone (MEK)	**4.7J**	ug/L	20.0	2.9	1		09/24/18 12:37	78-93-3	
Acetone	**5.3J**	ug/L	20.0	2.7	1		09/24/18 12:37	67-64-1	
Benzene	**1.7**	ug/L	1.0	0.25	1		09/24/18 12:37	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/24/18 12:37	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/24/18 12:37	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/24/18 12:37	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/24/18 12:37	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 12:37	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 12:37	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/24/18 12:37	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/24/18 12:37	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/24/18 12:37	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/24/18 12:37	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/24/18 12:37	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/24/18 12:37	75-71-8	
Ethylbenzene	**58.0**	ug/L	1.0	0.22	1		09/24/18 12:37	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/24/18 12:37	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/24/18 12:37	75-09-2	
Naphthalene	**2.4J**	ug/L	5.0	1.2	1		09/24/18 12:37	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/24/18 12:37	100-42-5	
Tetrachloroethene	**0.66J**	ug/L	1.1	0.33	1		09/24/18 12:37	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/24/18 12:37	109-99-9	
Toluene	**120**	ug/L	5.0	0.17	1		09/24/18 12:37	108-88-3	
Trichloroethene	**5.0**	ug/L	1.0	0.26	1		09/24/18 12:37	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/24/18 12:37	75-69-4	
Vinyl chloride	**629**	ug/L	25.0	4.4	25		09/24/18 13:49	75-01-4	
Xylene (Total)	**324**	ug/L	3.0	1.5	1		09/24/18 12:37	1330-20-7	
cis-1,2-Dichloroethene	**1630**	ug/L	25.0	6.8	25		09/24/18 13:49	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/24/18 12:37	10061-01-5	
trans-1,2-Dichloroethene	**8.8**	ug/L	3.6	1.1	1		09/24/18 12:37	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/24/18 12:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/24/18 12:37	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		09/24/18 12:37	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		09/24/18 12:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: EX07 **Lab ID: 40176252003** Collected: 09/19/18 11:00 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		09/19/18 11:00		
Apparent Color	**N**	no units			1		09/19/18 11:00		
Odor	**N**	no units			1		09/19/18 11:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: EX08 **Lab ID: 40176252004** Collected: 09/19/18 12:45 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<2.4**	ug/L	10.0	2.4	10		09/24/18 14:11	71-55-6	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		09/24/18 14:11	79-00-5	
1,1-Dichloroethane	**<2.7**	ug/L	10.0	2.7	10		09/24/18 14:11	75-34-3	
1,1-Dichloroethene	**<2.4**	ug/L	10.0	2.4	10		09/24/18 14:11	75-35-4	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		09/24/18 14:11	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		09/24/18 14:11	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		09/24/18 14:11	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		09/24/18 14:11	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		09/24/18 14:11	78-87-5	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		09/24/18 14:11	541-73-1	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		09/24/18 14:11	106-46-7	
2-Butanone (MEK)	**579**	ug/L	200	29.4	10		09/24/18 14:11	78-93-3	
Acetone	**97.7J**	ug/L	200	27.4	10		09/24/18 14:11	67-64-1	
Benzene	**<2.5**	ug/L	10.0	2.5	10		09/24/18 14:11	71-43-2	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		09/24/18 14:11	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		09/24/18 14:11	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		09/24/18 14:11	74-83-9	
Carbon disulfide	**<3.7**	ug/L	50.0	3.7	10		09/24/18 14:11	75-15-0	
Carbon tetrachloride	**<1.7**	ug/L	10.0	1.7	10		09/24/18 14:11	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		09/24/18 14:11	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		09/24/18 14:11	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		09/24/18 14:11	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		09/24/18 14:11	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		09/24/18 14:11	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		09/24/18 14:11	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		09/24/18 14:11	75-71-8	
Ethylbenzene	**<2.2**	ug/L	10.0	2.2	10		09/24/18 14:11	100-41-4	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		09/24/18 14:11	1634-04-4	
Methylene Chloride	**10.6J**	ug/L	50.0	5.8	10		09/24/18 14:11	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		09/24/18 14:11	91-20-3	
Styrene	**<4.7**	ug/L	15.5	4.7	10		09/24/18 14:11	100-42-5	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		09/24/18 14:11	127-18-4	
Tetrahydrofuran	**179J**	ug/L	200	23.2	10		09/24/18 14:11	109-99-9	
Toluene	**<1.7**	ug/L	50.0	1.7	10		09/24/18 14:11	108-88-3	
Trichloroethene	**5.7J**	ug/L	10.0	2.6	10		09/24/18 14:11	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		09/24/18 14:11	75-69-4	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		09/24/18 14:11	75-01-4	
Xylene (Total)	**<15.0**	ug/L	30.0	15.0	10		09/24/18 14:11	1330-20-7	
cis-1,2-Dichloroethene	**3.8J**	ug/L	10.0	2.7	10		09/24/18 14:11	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		09/24/18 14:11	10061-01-5	
trans-1,2-Dichloroethene	**<10.9**	ug/L	36.4	10.9	10		09/24/18 14:11	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		09/24/18 14:11	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		10		09/24/18 14:11	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		10		09/24/18 14:11	1868-53-7	
Toluene-d8 (S)	99	%	70-130		10		09/24/18 14:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: EX08 **Lab ID: 40176252004** Collected: 09/19/18 12:45 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		09/19/18 12:45		
Apparent Color	**N**	no units			1		09/19/18 12:45		
Odor	**N**	no units			1		09/19/18 12:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: GEW26 **Lab ID: 40176252005** Collected: 09/19/18 11:10 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<2.4**	ug/L	10.0	2.4	10		09/24/18 13:27	71-55-6	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		09/24/18 13:27	79-00-5	
1,1-Dichloroethane	**<2.7**	ug/L	10.0	2.7	10		09/24/18 13:27	75-34-3	
1,1-Dichloroethene	**<2.4**	ug/L	10.0	2.4	10		09/24/18 13:27	75-35-4	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		09/24/18 13:27	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		09/24/18 13:27	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		09/24/18 13:27	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		09/24/18 13:27	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		09/24/18 13:27	78-87-5	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		09/24/18 13:27	541-73-1	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		09/24/18 13:27	106-46-7	
2-Butanone (MEK)	**1280**	ug/L	200	29.4	10		09/24/18 13:27	78-93-3	
Acetone	**272**	ug/L	200	27.4	10		09/24/18 13:27	67-64-1	
Benzene	**<2.5**	ug/L	10.0	2.5	10		09/24/18 13:27	71-43-2	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		09/24/18 13:27	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		09/24/18 13:27	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		09/24/18 13:27	74-83-9	
Carbon disulfide	**<3.7**	ug/L	50.0	3.7	10		09/24/18 13:27	75-15-0	
Carbon tetrachloride	**<1.7**	ug/L	10.0	1.7	10		09/24/18 13:27	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		09/24/18 13:27	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		09/24/18 13:27	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		09/24/18 13:27	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		09/24/18 13:27	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		09/24/18 13:27	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		09/24/18 13:27	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		09/24/18 13:27	75-71-8	
Ethylbenzene	**<2.2**	ug/L	10.0	2.2	10		09/24/18 13:27	100-41-4	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		09/24/18 13:27	1634-04-4	
Methylene Chloride	**16.3J**	ug/L	50.0	5.8	10		09/24/18 13:27	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		09/24/18 13:27	91-20-3	
Styrene	**<4.7**	ug/L	15.5	4.7	10		09/24/18 13:27	100-42-5	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		09/24/18 13:27	127-18-4	
Tetrahydrofuran	**377**	ug/L	200	23.2	10		09/24/18 13:27	109-99-9	
Toluene	**8.7J**	ug/L	50.0	1.7	10		09/24/18 13:27	108-88-3	
Trichloroethene	**4.8J**	ug/L	10.0	2.6	10		09/24/18 13:27	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		09/24/18 13:27	75-69-4	
Vinyl chloride	**54.4**	ug/L	10.0	1.7	10		09/24/18 13:27	75-01-4	
Xylene (Total)	**<15.0**	ug/L	30.0	15.0	10		09/24/18 13:27	1330-20-7	
cis-1,2-Dichloroethene	**716**	ug/L	10.0	2.7	10		09/24/18 13:27	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		09/24/18 13:27	10061-01-5	
trans-1,2-Dichloroethene	**<10.9**	ug/L	36.4	10.9	10		09/24/18 13:27	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		09/24/18 13:27	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		10		09/24/18 13:27	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		10		09/24/18 13:27	1868-53-7	
Toluene-d8 (S)	99	%	70-130		10		09/24/18 13:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: GEW26 **Lab ID: 40176252005** Collected: 09/19/18 11:10 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	no units			1		09/19/18 11:10		
Apparent Color	**N**	no units			1		09/19/18 11:10		
Odor	**N**	no units			1		09/19/18 11:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: TW15 **Lab ID: 40176252006** Collected: 09/19/18 10:05 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.80J**	ug/L	1.0	0.24	1		09/24/18 14:33	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/24/18 14:33	79-00-5	
1,1-Dichloroethane	**0.27J**	ug/L	1.0	0.27	1		09/24/18 14:33	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		09/24/18 14:33	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/24/18 14:33	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/24/18 14:33	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 14:33	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 14:33	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 14:33	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/24/18 14:33	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/24/18 14:33	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/24/18 14:33	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/24/18 14:33	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/24/18 14:33	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/24/18 14:33	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/24/18 14:33	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/24/18 14:33	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/24/18 14:33	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 14:33	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 14:33	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/24/18 14:33	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/24/18 14:33	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/24/18 14:33	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/24/18 14:33	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/24/18 14:33	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/24/18 14:33	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/24/18 14:33	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/24/18 14:33	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/24/18 14:33	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/24/18 14:33	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/24/18 14:33	100-42-5	
Tetrachloroethene	**5.0**	ug/L	1.1	0.33	1		09/24/18 14:33	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/24/18 14:33	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/24/18 14:33	108-88-3	
Trichloroethene	**3.2**	ug/L	1.0	0.26	1		09/24/18 14:33	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/24/18 14:33	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 14:33	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/24/18 14:33	1330-20-7	
cis-1,2-Dichloroethene	**0.34J**	ug/L	1.0	0.27	1		09/24/18 14:33	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/24/18 14:33	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		09/24/18 14:33	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/24/18 14:33	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/24/18 14:33	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		09/24/18 14:33	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/24/18 14:33	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: TW15 **Lab ID: 40176252006** Collected: 09/19/18 10:05 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	no units			1		09/19/18 10:05		
Static Water Level	**1026.53**	feet			1		09/19/18 10:05		
Apparent Color	**0**	no units			1		09/19/18 10:05		
Odor	**N**	no units			1		09/19/18 10:05		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: MW10S **Lab ID: 40176252007** Collected: 09/19/18 12:00 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.57J**	ug/L	1.0	0.24	1		09/24/18 14:56	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/24/18 14:56	79-00-5	
1,1-Dichloroethane	**2.0**	ug/L	1.0	0.27	1		09/24/18 14:56	75-34-3	
1,1-Dichloroethene	**0.31J**	ug/L	1.0	0.24	1		09/24/18 14:56	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/24/18 14:56	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/24/18 14:56	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 14:56	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 14:56	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 14:56	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/24/18 14:56	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/24/18 14:56	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/24/18 14:56	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/24/18 14:56	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/24/18 14:56	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/24/18 14:56	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/24/18 14:56	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/24/18 14:56	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/24/18 14:56	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 14:56	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 14:56	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/24/18 14:56	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/24/18 14:56	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/24/18 14:56	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/24/18 14:56	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/24/18 14:56	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/24/18 14:56	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/24/18 14:56	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/24/18 14:56	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/24/18 14:56	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/24/18 14:56	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/24/18 14:56	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		09/24/18 14:56	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/24/18 14:56	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/24/18 14:56	108-88-3	
Trichloroethene	**42.8**	ug/L	1.0	0.26	1		09/24/18 14:56	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/24/18 14:56	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 14:56	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/24/18 14:56	1330-20-7	
cis-1,2-Dichloroethene	**115**	ug/L	1.0	0.27	1		09/24/18 14:56	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/24/18 14:56	10061-01-5	
trans-1,2-Dichloroethene	**4.9**	ug/L	3.6	1.1	1		09/24/18 14:56	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/24/18 14:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/24/18 14:56	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		09/24/18 14:56	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		09/24/18 14:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: MW10S **Lab ID: 40176252007** Collected: 09/19/18 12:00 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	no units			1		09/19/18 12:00		
Static Water Level	**996.35**	feet			1		09/19/18 12:00		
Apparent Color	**0**	no units			1		09/19/18 12:00		
Odor	**N**	no units			1		09/19/18 12:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: MW10D **Lab ID: 40176252008** Collected: 09/19/18 10:45 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**2.5**	ug/L	1.0	0.24	1		09/24/18 15:18	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/24/18 15:18	79-00-5	
1,1-Dichloroethane	**2.0**	ug/L	1.0	0.27	1		09/24/18 15:18	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		09/24/18 15:18	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/24/18 15:18	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/24/18 15:18	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 15:18	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 15:18	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 15:18	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/24/18 15:18	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/24/18 15:18	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/24/18 15:18	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/24/18 15:18	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/24/18 15:18	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/24/18 15:18	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/24/18 15:18	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/24/18 15:18	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/24/18 15:18	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 15:18	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 15:18	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/24/18 15:18	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/24/18 15:18	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/24/18 15:18	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/24/18 15:18	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/24/18 15:18	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/24/18 15:18	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/24/18 15:18	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/24/18 15:18	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/24/18 15:18	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/24/18 15:18	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/24/18 15:18	100-42-5	
Tetrachloroethene	**0.39J**	ug/L	1.1	0.33	1		09/24/18 15:18	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/24/18 15:18	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/24/18 15:18	108-88-3	
Trichloroethene	**102**	ug/L	1.0	0.26	1		09/24/18 15:18	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/24/18 15:18	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 15:18	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/24/18 15:18	1330-20-7	
cis-1,2-Dichloroethene	**111**	ug/L	1.0	0.27	1		09/24/18 15:18	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/24/18 15:18	10061-01-5	
trans-1,2-Dichloroethene	**2.3J**	ug/L	3.6	1.1	1		09/24/18 15:18	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/24/18 15:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/24/18 15:18	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		09/24/18 15:18	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/24/18 15:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: MW10D **Lab ID: 40176252008** Collected: 09/19/18 10:45 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		09/19/18 10:45		
Static Water Level	**1005.72**	feet			1		09/19/18 10:45		
Apparent Color	**N**	no units			1		09/19/18 10:45		
Odor	**N**	no units			1		09/19/18 10:45		

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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: MW10B **Lab ID: 40176252009** Collected: 09/19/18 14:50 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.95J**	ug/L	1.0	0.24	1		09/24/18 15:41	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/24/18 15:41	79-00-5	
1,1-Dichloroethane	**0.36J**	ug/L	1.0	0.27	1		09/24/18 15:41	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		09/24/18 15:41	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/24/18 15:41	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/24/18 15:41	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 15:41	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 15:41	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 15:41	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/24/18 15:41	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/24/18 15:41	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/24/18 15:41	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/24/18 15:41	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/24/18 15:41	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/24/18 15:41	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/24/18 15:41	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/24/18 15:41	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/24/18 15:41	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 15:41	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 15:41	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/24/18 15:41	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/24/18 15:41	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/24/18 15:41	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/24/18 15:41	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/24/18 15:41	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/24/18 15:41	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/24/18 15:41	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/24/18 15:41	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/24/18 15:41	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/24/18 15:41	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/24/18 15:41	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		09/24/18 15:41	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/24/18 15:41	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/24/18 15:41	108-88-3	
Trichloroethene	**16.3**	ug/L	1.0	0.26	1		09/24/18 15:41	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/24/18 15:41	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 15:41	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/24/18 15:41	1330-20-7	
cis-1,2-Dichloroethene	**13.8**	ug/L	1.0	0.27	1		09/24/18 15:41	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/24/18 15:41	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		09/24/18 15:41	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/24/18 15:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/24/18 15:41	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		09/24/18 15:41	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		09/24/18 15:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: MW10B **Lab ID: 40176252009** Collected: 09/19/18 14:50 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		09/19/18 14:50		
Static Water Level	**997.89**	feet			1		09/19/18 14:50		
Apparent Color	**N**	no units			1		09/19/18 14:50		
Odor	**0**	no units			1		09/19/18 14:50		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: MW10B DUP **Lab ID: 40176252010** Collected: 09/19/18 14:50 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.0**	ug/L	1.0	0.24	1		09/24/18 11:30	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/24/18 11:30	79-00-5	
1,1-Dichloroethane	**0.35J**	ug/L	1.0	0.27	1		09/24/18 11:30	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		09/24/18 11:30	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/24/18 11:30	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/24/18 11:30	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 11:30	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 11:30	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/24/18 11:30	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/24/18 11:30	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/24/18 11:30	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/24/18 11:30	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/24/18 11:30	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/24/18 11:30	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/24/18 11:30	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/24/18 11:30	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/24/18 11:30	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/24/18 11:30	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 11:30	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/24/18 11:30	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/24/18 11:30	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/24/18 11:30	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/24/18 11:30	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/24/18 11:30	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/24/18 11:30	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/24/18 11:30	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/24/18 11:30	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/24/18 11:30	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/24/18 11:30	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/24/18 11:30	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/24/18 11:30	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		09/24/18 11:30	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/24/18 11:30	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/24/18 11:30	108-88-3	
Trichloroethene	**17.5**	ug/L	1.0	0.26	1		09/24/18 11:30	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/24/18 11:30	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/24/18 11:30	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/24/18 11:30	1330-20-7	
cis-1,2-Dichloroethene	**14.1**	ug/L	1.0	0.27	1		09/24/18 11:30	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/24/18 11:30	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		09/24/18 11:30	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/24/18 11:30	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/24/18 11:30	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		09/24/18 11:30	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/24/18 11:30	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: MW10B DUP **Lab ID: 40176252010** Collected: 09/19/18 14:50 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		09/19/18 14:50		
Static Water Level	**997.89**	feet			1		09/19/18 14:50		
Apparent Color	**N**	no units			1		09/19/18 14:50		
Odor	**0**	no units			1		09/19/18 14:50		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: PW1 **Lab ID: 40176252011** Collected: 09/18/18 09:30 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/25/18 09:22	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/25/18 09:22	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		09/25/18 09:22	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		09/25/18 09:22	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/25/18 09:22	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/25/18 09:22	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/25/18 09:22	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/25/18 09:22	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/25/18 09:22	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/25/18 09:22	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/25/18 09:22	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/25/18 09:22	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/25/18 09:22	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/25/18 09:22	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/25/18 09:22	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/25/18 09:22	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/25/18 09:22	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/25/18 09:22	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/25/18 09:22	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/25/18 09:22	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/25/18 09:22	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/25/18 09:22	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/25/18 09:22	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/25/18 09:22	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/25/18 09:22	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/25/18 09:22	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/25/18 09:22	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/25/18 09:22	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/25/18 09:22	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/25/18 09:22	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/25/18 09:22	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		09/25/18 09:22	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/25/18 09:22	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/25/18 09:22	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/25/18 09:22	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/25/18 09:22	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/18 09:22	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/25/18 09:22	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		09/25/18 09:22	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/25/18 09:22	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		09/25/18 09:22	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/25/18 09:22	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/25/18 09:22	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		09/25/18 09:22	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/25/18 09:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: PW1 **Lab ID: 40176252011** Collected: 09/18/18 09:30 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		09/18/18 09:30		
Apparent Color	**N**	no units			1		09/18/18 09:30		
Odor	**N**	no units			1		09/18/18 09:30		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: PW3 **Lab ID: 40176252012** Collected: 09/18/18 09:40 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/25/18 09:45	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/25/18 09:45	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		09/25/18 09:45	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		09/25/18 09:45	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/25/18 09:45	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/25/18 09:45	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/25/18 09:45	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/25/18 09:45	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/25/18 09:45	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/25/18 09:45	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/25/18 09:45	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/25/18 09:45	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/25/18 09:45	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/25/18 09:45	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/25/18 09:45	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/25/18 09:45	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/25/18 09:45	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/25/18 09:45	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/25/18 09:45	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/25/18 09:45	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/25/18 09:45	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/25/18 09:45	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/25/18 09:45	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/25/18 09:45	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/25/18 09:45	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/25/18 09:45	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/25/18 09:45	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/25/18 09:45	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/25/18 09:45	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/25/18 09:45	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/25/18 09:45	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		09/25/18 09:45	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/25/18 09:45	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/25/18 09:45	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/25/18 09:45	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/25/18 09:45	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/18 09:45	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/25/18 09:45	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		09/25/18 09:45	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/25/18 09:45	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		09/25/18 09:45	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/25/18 09:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/25/18 09:45	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		09/25/18 09:45	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		09/25/18 09:45	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: PW3 **Lab ID: 40176252012** Collected: 09/18/18 09:40 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		09/18/18 09:40		
Apparent Color	**N**	no units			1		09/18/18 09:40		
Odor	**N**	no units			1		09/18/18 09:40		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: TRIP BLANK **Lab ID: 40176252013** Collected: 09/18/18 08:00 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		09/25/18 07:53	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		09/25/18 07:53	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		09/25/18 07:53	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		09/25/18 07:53	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		09/25/18 07:53	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		09/25/18 07:53	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/25/18 07:53	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/25/18 07:53	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		09/25/18 07:53	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		09/25/18 07:53	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		09/25/18 07:53	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		09/25/18 07:53	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		09/25/18 07:53	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		09/25/18 07:53	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		09/25/18 07:53	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		09/25/18 07:53	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		09/25/18 07:53	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		09/25/18 07:53	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		09/25/18 07:53	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		09/25/18 07:53	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		09/25/18 07:53	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		09/25/18 07:53	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		09/25/18 07:53	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		09/25/18 07:53	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		09/25/18 07:53	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		09/25/18 07:53	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		09/25/18 07:53	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		09/25/18 07:53	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		09/25/18 07:53	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		09/25/18 07:53	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		09/25/18 07:53	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		09/25/18 07:53	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		09/25/18 07:53	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		09/25/18 07:53	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		09/25/18 07:53	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		09/25/18 07:53	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/18 07:53	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		09/25/18 07:53	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		09/25/18 07:53	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		09/25/18 07:53	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		09/25/18 07:53	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		09/25/18 07:53	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/25/18 07:53	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		09/25/18 07:53	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/25/18 07:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Sample: EX01A **Lab ID: 40176252014** Collected: 09/18/18 00:00 Received: 09/21/18 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Well Broken	**0**	no units			1		09/18/18 00:00		

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

QC Batch: 300973 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40176252001, 40176252002, 40176252003, 40176252004, 40176252005, 40176252006, 40176252007, 40176252008, 40176252009, 40176252010, 40176252011, 40176252012, 40176252013

METHOD BLANK: 1758151 | Matrix: Water
Associated Lab Samples: 40176252001, 40176252002, 40176252003, 40176252004, 40176252005, 40176252006, 40176252007, 40176252008, 40176252009, 40176252010, 40176252011, 40176252012, 40176252013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	09/24/18 08:08	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	09/24/18 08:08	
1,1-Dichloroethane	ug/L	<0.27	1.0	09/24/18 08:08	
1,1-Dichloroethene	ug/L	<0.24	1.0	09/24/18 08:08	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	09/24/18 08:08	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	09/24/18 08:08	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	09/24/18 08:08	
1,2-Dichloroethane	ug/L	<0.28	1.0	09/24/18 08:08	
1,2-Dichloropropane	ug/L	<0.28	1.0	09/24/18 08:08	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	09/24/18 08:08	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	09/24/18 08:08	
2-Butanone (MEK)	ug/L	<2.9	20.0	09/24/18 08:08	
Acetone	ug/L	<2.7	20.0	09/24/18 08:08	
Benzene	ug/L	<0.25	1.0	09/24/18 08:08	
Bromodichloromethane	ug/L	<0.36	1.2	09/24/18 08:08	
Bromoform	ug/L	<4.0	13.2	09/24/18 08:08	
Bromomethane	ug/L	<0.97	5.0	09/24/18 08:08	
Carbon disulfide	ug/L	<0.37	5.0	09/24/18 08:08	
Carbon tetrachloride	ug/L	<0.17	1.0	09/24/18 08:08	
Chlorobenzene	ug/L	<0.71	2.4	09/24/18 08:08	
Chloroethane	ug/L	<1.3	5.0	09/24/18 08:08	
Chloroform	ug/L	<1.3	5.0	09/24/18 08:08	
Chloromethane	ug/L	<2.2	7.3	09/24/18 08:08	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	09/24/18 08:08	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	09/24/18 08:08	
Dibromochloromethane	ug/L	<2.6	8.7	09/24/18 08:08	
Dibromomethane	ug/L	<0.94	3.1	09/24/18 08:08	
Dichlorodifluoromethane	ug/L	<0.50	5.0	09/24/18 08:08	
Ethylbenzene	ug/L	<0.22	1.0	09/24/18 08:08	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	09/24/18 08:08	
Methylene Chloride	ug/L	<0.58	5.0	09/24/18 08:08	
Naphthalene	ug/L	<1.2	5.0	09/24/18 08:08	
Styrene	ug/L	<0.47	1.6	09/24/18 08:08	
Tetrachloroethene	ug/L	<0.33	1.1	09/24/18 08:08	
Tetrahydrofuran	ug/L	<2.3	20.0	09/24/18 08:08	
Toluene	ug/L	<0.17	5.0	09/24/18 08:08	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	09/24/18 08:08	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	09/24/18 08:08	
Trichloroethene	ug/L	<0.26	1.0	09/24/18 08:08	
Trichlorofluoromethane	ug/L	<0.21	1.0	09/24/18 08:08	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

METHOD BLANK: 1758151 Matrix: Water

Associated Lab Samples: 40176252001, 40176252002, 40176252003, 40176252004, 40176252005, 40176252006, 40176252007, 40176252008, 40176252009, 40176252010, 40176252011, 40176252012, 40176252013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	<0.17	1.0	09/24/18 08:08	
Xylene (Total)	ug/L	<1.5	3.0	09/24/18 08:08	
4-Bromofluorobenzene (S)	%	97	70-130	09/24/18 08:08	
Dibromofluoromethane (S)	%	98	70-130	09/24/18 08:08	
Toluene-d8 (S)	%	98	70-130	09/24/18 08:08	

LABORATORY CONTROL SAMPLE: 1758152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.8	112	70-133	
1,1,2-Trichloroethane	ug/L	50	47.7	95	70-130	
1,1-Dichloroethane	ug/L	50	55.1	110	70-134	
1,1-Dichloroethene	ug/L	50	55.7	111	75-132	
1,2-Dibromo-3-chloropropane	ug/L	50	47.9	96	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	48.7	97	70-130	
1,2-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dichloroethane	ug/L	50	50.8	102	73-134	
1,2-Dichloropropane	ug/L	50	42.4	85	79-128	
1,3-Dichlorobenzene	ug/L	50	48.5	97	70-130	
1,4-Dichlorobenzene	ug/L	50	48.8	98	70-130	
Benzene	ug/L	50	47.3	95	69-137	
Bromodichloromethane	ug/L	50	52.7	105	70-130	
Bromoform	ug/L	50	56.9	114	64-133	
Bromomethane	ug/L	50	30.9	62	29-123	
Carbon disulfide	ug/L	50	55.5	111	67-153	
Carbon tetrachloride	ug/L	50	57.9	116	73-142	
Chlorobenzene	ug/L	50	49.3	99	70-130	
Chloroethane	ug/L	50	44.0	88	59-133	
Chloroform	ug/L	50	55.2	110	80-129	
Chloromethane	ug/L	50	25.0	50	27-125	
cis-1,2-Dichloroethene	ug/L	50	57.7	115	70-134	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	70-130	
Dibromochloromethane	ug/L	50	53.2	106	70-130	
Dichlorodifluoromethane	ug/L	50	27.2	54	12-127	
Ethylbenzene	ug/L	50	53.7	107	86-127	
Methyl-tert-butyl ether	ug/L	50	54.1	108	65-136	
Methylene Chloride	ug/L	50	52.8	106	72-133	
Styrene	ug/L	50	54.2	108	70-130	
Tetrachloroethene	ug/L	50	54.0	108	70-130	
Toluene	ug/L	50	51.6	103	84-124	
trans-1,2-Dichloroethene	ug/L	50	56.8	114	70-133	
trans-1,3-Dichloropropene	ug/L	50	54.6	109	67-130	
Trichloroethene	ug/L	50	51.9	104	70-130	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

LABORATORY CONTROL SAMPLE: 1758152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichlorofluoromethane	ug/L	50	60.5	121	69-147	
Vinyl chloride	ug/L	50	40.1	80	48-134	
Xylene (Total)	ug/L	150	160	107	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1758229 1758230

Parameter	Units	40176209001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	57.3	56.1	115	112	70-136	2	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	50.5	49.0	101	98	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	57.4	55.8	115	112	70-139	3	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	58.1	56.7	116	113	72-137	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	51.2	50.5	102	101	60-130	1	21	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	51.6	50.5	103	101	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	51.3	49.9	103	100	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	53.0	51.3	106	103	71-137	3	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	44.6	44.0	89	88	78-130	1	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	51.3	50.0	103	100	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	51.4	50.2	103	100	70-130	2	20	
Benzene	ug/L	<0.25	50	50	49.6	48.1	99	96	66-143	3	20	
Bromodichloromethane	ug/L	<0.36	50	50	55.1	54.7	110	109	70-130	1	20	
Bromoform	ug/L	<4.0	50	50	59.7	58.3	119	117	64-134	2	20	
Bromomethane	ug/L	<0.97	50	50	33.8	34.8	67	69	29-136	3	25	
Carbon disulfide	ug/L	<0.37	50	50	56.7	55.2	113	110	67-156	3	21	
Carbon tetrachloride	ug/L	<0.17	50	50	60.1	58.4	120	117	73-142	3	20	
Chlorobenzene	ug/L	<0.71	50	50	51.1	50.6	102	101	70-130	1	20	
Chloroethane	ug/L	<1.3	50	50	44.1	44.0	88	88	58-138	0	20	
Chloroform	ug/L	<1.3	50	50	56.8	55.7	114	111	80-131	2	20	
Chloromethane	ug/L	<2.2	50	50	24.6	23.6	49	47	24-125	5	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	60.3	58.9	121	118	68-137	2	22	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	53.2	52.8	106	106	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	55.5	54.0	111	108	70-131	3	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	23.9	23.1	47	46	10-127	3	20	
Ethylbenzene	ug/L	<0.22	50	50	55.8	55.0	112	110	81-136	1	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	57.0	55.0	114	110	58-142	3	23	
Methylene Chloride	ug/L	<0.58	50	50	55.0	53.9	109	107	69-137	2	20	
Styrene	ug/L	<0.47	50	50	56.4	55.2	113	110	70-130	2	20	
Tetrachloroethene	ug/L	<0.33	50	50	56.7	55.4	113	111	70-132	2	20	
Toluene	ug/L	<0.17	50	50	53.1	52.2	106	104	81-130	2	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	58.1	56.8	116	114	70-136	2	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	58.1	57.1	116	114	67-130	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1758229 1758230

Parameter	Units	40176209001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Trichloroethene	ug/L	<0.26	50	50	54.3	53.9	109	108	70-131	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	60.2	59.0	120	118	66-150	2	20	
Vinyl chloride	ug/L	<0.17	50	50	39.5	38.5	79	77	46-134	3	20	
Xylene (Total)	ug/L	<1.5	150	150	166	163	111	109	70-134	2	20	
4-Bromofluorobenzene (S)	%						102	103	70-130			
Dibromofluoromethane (S)	%						98	97	70-130			
Toluene-d8 (S)	%						97	97	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40176252

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40176252001	**EX04**	EPA 8260	300973		
40176252002	**EX05**	EPA 8260	300973		
40176252003	**EX07**	EPA 8260	300973		
40176252004	**EX08**	EPA 8260	300973		
40176252005	**GEW26**	EPA 8260	300973		
40176252006	**TW15**	EPA 8260	300973		
40176252007	**MW10S**	EPA 8260	300973		
40176252008	**MW10D**	EPA 8260	300973		
40176252009	**MW10B**	EPA 8260	300973		
40176252010	**MW10B DUP**	EPA 8260	300973		
40176252011	**PW1**	EPA 8260	300973		
40176252012	**PW3**	EPA 8260	300973		
40176252013	**TRIP BLANK**	EPA 8260	300973		

40176252001	**EX04**
40176252002	**EX05**
40176252003	**EX07**
40176252004	**EX08**
40176252005	**GEW26**
40176252006	**TW15**
40176252007	**MW10S**
40176252008	**MW10D**
40176252009	**MW10B**
40176252010	**MW10B DUP**
40176252011	**PW1**
40176252012	**PW3**
40176252014	**EX01A**

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UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

Page 1 of 1

COC No. 40176252

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Middleton, WI
Project Contact:	Leo Linnemanstons
Phone:	(608) 828-8208
Project Number:	60485031
Project Name:	Schuster Drive Landfill
Project State:	WI
Sampled By (Print):	Alex Moe
Sampled By (Sign):	alue
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	Leo Linnemanstons
Mail To Company:	AECOM - Middleton
Mail To Address:	1350 Deming Way, Middleton, WI 53562
Invoice To Contact:	Leo Linnemanstons
Invoice To Company:	AECOM - Middleton
Invoice To Address:	1350 Deming Way, Middleton, WI 53562
Invoice To Phone:	608-828-8208

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☒ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO) PRESERVATION (CODE)*

Analyses Requested	VOCs 8260 (NR507 list)															
Y/N	N															
Pick Letter	B															

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOCs 8260 (NR507 list)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile # 171
001	EX04	9/19/18	1120	GW	X			
002	EX05	9/19/18	1305	GW	X			
003	EX07	9/19/18	1100	GW	X			
004	EX08	9/19/18	1245	GW	X			
005	GEW26	9/19/18	1110	GW	X			
006	TW15	9/19/18	1005	GW	X			
007	MW10S	9/19/18	1200	GW	X			
008	MW10D	9/19/18	1045	GW	X			
009	MW10B	9/19/18	1450	GW	X			
010	MW10B DUP	9/19/18	1450	GW	X			
011	PW1	9/18/18	0930	GW	X			
012	PW3	9/18/18	0940	GW	X			
013	Trip Blank	9/18/18	0800	GW	X			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Alex Moe/alue	9/20/18 1000AM	Mary Fannin	9/20/18 ~~9:50~~ 10:00
Mary Fannin	9/20/18 1600		
C S Logistics	9-21-18 0940	Susan K Wyhe Paul	9-21-18 0940

PACE Project No. 40176252

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: AECOM

Project # 40176252

All containers needing preservation have been checked and noted below: □Yes □No ☑N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/ Time:

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																		3															2.5 / 5 / 10
002																		3															2.5 / 5 / 10
003																		3															2.5 / 5 / 10
004																		3															2.5 / 5 / 10
005																		3															2.5 / 5 / 10
006																		3															2.5 / 5 / 10
007																		3															2.5 / 5 / 10
008																		3															2.5 / 5 / 10
009																		3															2.5 / 5 / 10
010																		3															2.5 / 5 / 10
011																		3															2.5 / 5 / 10
012																		3															2.5 / 5 / 10
013																		2															2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : □Yes ☑No □N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 25Apr2018
	Document No.: **F-GB-C-031-Rev.07**	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40176252

40176252

Client Name: AECOM

Courier: ☑ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other:

Tracking #:

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

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr:

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 9-21-18
Initials: SCU

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time: - VOA Samples frozen upon receipt	☑Yes ☐No ☐Yes ☐No	5. Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☑No ☐N/A	8.
Correct Containers Used: -Pace Containers Used: -Pace IR Containers Used:	☑Yes ☐No ☑Yes ☐No ☐N/A ☐Yes ☐No ☑N/A	9.
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☑No ☐N/A	12. 005 – time 1120 9-21-18 SCU
Trip Blank Present: Trip Blank Custody Seals Present Pace Trip Blank Lot # (if purchased): 407	☑Yes ☐No ☐N/A ☑Yes ☐No ☐N/A	13.

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 9/21/18

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

December 21, 2018

Leo B. Linnemanstons, P.G.
AECOM, Inc. - Madison
1350 Deming Way
Suite 100
Middleton, WI 53562

RE: Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Dear Leo Linnemanstons, P.G.:
Enclosed are the analytical results for sample(s) received by the laboratory on December 14, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Sarah Engelhardt, AECOM, Inc.

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CERTIFICATIONS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40181043001	**EX04**	Water	12/12/18 09:30	12/14/18 08:35
40181043002	**EX05**	Water	12/12/18 09:20	12/14/18 08:35
40181043003	**EX07**	Water	12/12/18 10:00	12/14/18 08:35
40181043004	**EX08**	Water	12/12/18 09:45	12/14/18 08:35
40181043005	**GEW26**	Water	12/12/18 10:10	12/14/18 08:35
40181043006	**TW15**	Water	12/12/18 11:00	12/14/18 08:35
40181043007	**MW10S**	Water	12/12/18 12:45	12/14/18 08:35
40181043008	**MW10D**	Water	12/12/18 13:00	12/14/18 08:35
40181043009	**MW10B**	Water	12/12/18 12:00	12/14/18 08:35
40181043010	**MW10B DUP**	Water	12/12/18 12:00	12/14/18 08:35
40181043011	**PW1**	Water	12/12/18 08:35	12/14/18 08:35
40181043012	**PW3**	Water	12/12/18 08:45	12/14/18 08:35
40181043013	**PW269**	Water	12/12/18 08:10	12/14/18 08:35
40181043014	**PW270**	Water	12/12/18 08:20	12/14/18 08:35
40181043015	**TRIP BLANK**	Water	12/12/18 00:00	12/14/18 08:35
40181043016	**EX01A**	Water	12/12/18 00:00	12/14/18 08:35

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SAMPLE ANALYTE COUNT

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40181043001	**EX04**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40181043002	**EX05**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40181043003	**EX07**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40181043004	**EX08**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40181043005	**GEW26**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40181043006	**TW15**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40181043007	**MW10S**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40181043008	**MW10D**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40181043009	**MW10B**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40181043010	**MW10B DUP**	EPA 8260	HNW	45	PASI-G
			CDH	4	PASI-G
40181043011	**PW1**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40181043012	**PW3**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40181043013	**PW269**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40181043014	**PW270**	EPA 8260	HNW	45	PASI-G
			CDH	3	PASI-G
40181043015	**TRIP BLANK**	EPA 8260	HNW	45	PASI-G
40181043016	**EX01A**		CDH	1	PASI-G

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40181043001	**EX04**					
EPA 8260	1,1,1-Trichloroethane	0.63J	ug/L	1.0	12/17/18 12:47	
EPA 8260	Acetone	3.3J	ug/L	20.0	12/17/18 12:47	
EPA 8260	Trichloroethene	14.9	ug/L	1.0	12/17/18 12:47	
EPA 8260	cis-1,2-Dichloroethene	3.3	ug/L	1.0	12/17/18 12:47	
	Turbidity	N	no units		12/12/18 09:30	
	Apparent Color	N	no units		12/12/18 09:30	
	Odor	N	no units		12/12/18 09:30	
40181043002	**EX05**					
EPA 8260	1,1,1-Trichloroethane	1.5	ug/L	1.0	12/17/18 14:16	
EPA 8260	1,1-Dichloroethane	0.37J	ug/L	1.0	12/17/18 14:16	
EPA 8260	Tetrachloroethene	0.75J	ug/L	1.1	12/17/18 14:16	
EPA 8260	Trichloroethene	22.0	ug/L	1.0	12/17/18 14:16	
EPA 8260	cis-1,2-Dichloroethene	14.3	ug/L	1.0	12/17/18 14:16	
	Turbidity	N	no units		12/12/18 09:20	
	Apparent Color	N	no units		12/12/18 09:20	
	Odor	0	no units		12/12/18 09:20	
40181043003	**EX07**					
EPA 8260	1,1-Dichloroethane	3.3	ug/L	2.5	12/18/18 08:33	
EPA 8260	1,1-Dichloroethene	0.70J	ug/L	2.5	12/18/18 08:33	
EPA 8260	Benzene	1.6J	ug/L	2.5	12/18/18 08:33	
EPA 8260	Ethylbenzene	17.3	ug/L	2.5	12/18/18 08:33	
EPA 8260	Toluene	54.6	ug/L	12.5	12/18/18 08:33	
EPA 8260	Trichloroethene	5.4	ug/L	2.5	12/18/18 08:33	
EPA 8260	Vinyl chloride	536	ug/L	2.5	12/18/18 08:33	
EPA 8260	Xylene (Total)	187	ug/L	7.5	12/18/18 08:33	
EPA 8260	cis-1,2-Dichloroethene	767	ug/L	10.0	12/18/18 09:17	
EPA 8260	trans-1,2-Dichloroethene	5.9J	ug/L	9.1	12/18/18 08:33	
	Turbidity	0	no units		12/12/18 10:00	
	Apparent Color	0	no units		12/12/18 10:00	
	Odor	N	no units		12/12/18 10:00	
40181043004	**EX08**					
EPA 8260	Acetone	3.2J	ug/L	20.0	12/18/18 08:11	
EPA 8260	Tetrachloroethene	1.3	ug/L	1.1	12/18/18 08:11	
EPA 8260	Tetrahydrofuran	136	ug/L	20.0	12/18/18 08:11	
EPA 8260	Trichloroethene	6.5	ug/L	1.0	12/18/18 08:11	
EPA 8260	cis-1,2-Dichloroethene	0.64J	ug/L	1.0	12/18/18 08:11	
	Turbidity	N	no units		12/12/18 09:45	
	Apparent Color	N	no units		12/12/18 09:45	
	Odor	N	no units		12/12/18 09:45	
40181043005	**GEW26**					
EPA 8260	Toluene	0.69J	ug/L	12.5	12/18/18 08:55	
EPA 8260	Trichloroethene	4.2	ug/L	2.5	12/18/18 08:55	
EPA 8260	Vinyl chloride	24.7	ug/L	2.5	12/18/18 08:55	
EPA 8260	cis-1,2-Dichloroethene	365	ug/L	2.5	12/18/18 08:55	
EPA 8260	trans-1,2-Dichloroethene	3.1J	ug/L	9.1	12/18/18 08:55	

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(920)469-2436

SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40181043005	**GEW26**					
	Turbidity	0	no units		12/12/18 10:10	
	Apparent Color	0	no units		12/12/18 10:10	
	Odor	N	no units		12/12/18 10:10	
40181043006	**TW15**					
EPA 8260	1,1,1-Trichloroethane	0.61J	ug/L	1.0	12/17/18 14:38	
EPA 8260	Tetrachloroethene	4.2	ug/L	1.1	12/17/18 14:38	
EPA 8260	Trichloroethene	2.7	ug/L	1.0	12/17/18 14:38	
	Turbidity	0	no units		12/12/18 11:00	
	Static Water Level	1027.60	feet		12/12/18 11:00	
	Apparent Color	0	no units		12/12/18 11:00	
	Odor	N	no units		12/12/18 11:00	
40181043007	**MW10S**					
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	12/17/18 15:01	
EPA 8260	Acetone	3.2J	ug/L	20.0	12/17/18 15:01	
EPA 8260	Trichloroethene	33.3	ug/L	1.0	12/17/18 15:01	
EPA 8260	cis-1,2-Dichloroethene	118	ug/L	1.0	12/17/18 15:01	
EPA 8260	trans-1,2-Dichloroethene	4.6	ug/L	3.6	12/17/18 15:01	
	Turbidity	0	no units		12/12/18 12:45	
	Static Water Level	995.78	feet		12/12/18 12:45	
	Apparent Color	0	no units		12/12/18 12:45	
	Odor	N	no units		12/12/18 12:45	
40181043008	**MW10D**					
EPA 8260	1,1,1-Trichloroethane	2.2	ug/L	1.0	12/17/18 15:23	
EPA 8260	1,1-Dichloroethane	1.4	ug/L	1.0	12/17/18 15:23	
EPA 8260	Acetone	3.7J	ug/L	20.0	12/17/18 15:23	
EPA 8260	Trichloroethene	94.6	ug/L	1.0	12/17/18 15:23	
EPA 8260	cis-1,2-Dichloroethene	70.7	ug/L	1.0	12/17/18 15:23	
EPA 8260	trans-1,2-Dichloroethene	1.7J	ug/L	3.6	12/17/18 15:23	
	Turbidity	N	no units		12/12/18 13:00	
	Static Water Level	1005.72	feet		12/12/18 13:00	
	Apparent Color	N	no units		12/12/18 13:00	
	Odor	N	no units		12/12/18 13:00	
40181043009	**MW10B**					
EPA 8260	1,1,1-Trichloroethane	0.85J	ug/L	1.0	12/17/18 15:45	
EPA 8260	Acetone	4.2J	ug/L	20.0	12/17/18 15:45	
EPA 8260	Trichloroethene	16.4	ug/L	1.0	12/17/18 15:45	
EPA 8260	cis-1,2-Dichloroethene	10.2	ug/L	1.0	12/17/18 15:45	
	Turbidity	N	no units		12/12/18 12:00	
	Static Water Level	998.07	feet		12/12/18 12:00	
	Apparent Color	N	no units		12/12/18 12:00	
	Odor	0	no units		12/12/18 12:00	
40181043010	**MW10B DUP**					
EPA 8260	1,1,1-Trichloroethane	0.80J	ug/L	1.0	12/17/18 13:10	
EPA 8260	Acetone	2.8J	ug/L	20.0	12/17/18 13:10	

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SUMMARY OF DETECTION

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40181043010	**MW10B DUP**					
EPA 8260	Trichloroethene	16.8	ug/L	1.0	12/17/18 13:10	
EPA 8260	cis-1,2-Dichloroethene	8.2	ug/L	1.0	12/17/18 13:10	
	Turbidity	N	no units		12/12/18 12:00	
	Static Water Level	998.07	feet		12/12/18 12:00	
	Apparent Color	N	no units		12/12/18 12:00	
	Odor	0	no units		12/12/18 12:00	
40181043011	**PW1**					
	Turbidity	N	no units		12/12/18 08:35	
	Apparent Color	N	no units		12/12/18 08:35	
	Odor	N	no units		12/12/18 08:35	
40181043012	**PW3**					
	Turbidity	0	no units		12/12/18 08:45	
	Apparent Color	0	no units		12/12/18 08:45	
	Odor	N	no units		12/12/18 08:45	
40181043013	**PW269**					
	Turbidity	N	no units		12/12/18 08:10	
	Apparent Color	N	no units		12/12/18 08:10	
	Odor	N	no units		12/12/18 08:10	
40181043014	**PW270**					
EPA 8260	Acetone	3.0J	ug/L	20.0	12/17/18 19:34	
	Turbidity	N	no units		12/12/18 08:20	
	Apparent Color	N	no units		12/12/18 08:20	
	Odor	N	no units		12/12/18 08:20	
40181043016	**EX01A**					
	Well Broken	0	no units		12/12/18 00:00	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: EX04 **Lab ID: 40181043001** Collected: 12/12/18 09:30 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.63J**	ug/L	1.0	0.24	1		12/17/18 12:47	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 12:47	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/17/18 12:47	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 12:47	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 12:47	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 12:47	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 12:47	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 12:47	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 12:47	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 12:47	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 12:47	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 12:47	78-93-3	
Acetone	**3.3J**	ug/L	20.0	2.7	1		12/17/18 12:47	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 12:47	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 12:47	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 12:47	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 12:47	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 12:47	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 12:47	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 12:47	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 12:47	75-00-3	M1
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 12:47	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 12:47	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 12:47	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 12:47	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 12:47	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 12:47	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 12:47	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 12:47	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 12:47	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 12:47	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/17/18 12:47	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 12:47	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 12:47	108-88-3	
Trichloroethene	**14.9**	ug/L	1.0	0.26	1		12/17/18 12:47	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 12:47	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 12:47	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 12:47	1330-20-7	
cis-1,2-Dichloroethene	**3.3**	ug/L	1.0	0.27	1		12/17/18 12:47	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 12:47	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/17/18 12:47	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 12:47	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/17/18 12:47	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		12/17/18 12:47	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		12/17/18 12:47	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: EX04 **Lab ID: 40181043001** Collected: 12/12/18 09:30 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		12/12/18 09:30		
Apparent Color	**N**	no units			1		12/12/18 09:30		
Odor	**N**	no units			1		12/12/18 09:30		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: EX05 **Lab ID: 40181043002** Collected: 12/12/18 09:20 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**1.5**	ug/L	1.0	0.24	1		12/17/18 14:16	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 14:16	79-00-5	
1,1-Dichloroethane	**0.37J**	ug/L	1.0	0.27	1		12/17/18 14:16	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 14:16	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 14:16	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 14:16	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 14:16	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 14:16	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 14:16	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 14:16	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 14:16	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 14:16	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		12/17/18 14:16	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 14:16	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 14:16	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 14:16	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 14:16	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 14:16	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 14:16	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 14:16	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 14:16	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 14:16	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 14:16	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 14:16	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 14:16	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 14:16	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 14:16	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 14:16	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 14:16	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 14:16	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 14:16	100-42-5	
Tetrachloroethene	**0.75J**	ug/L	1.1	0.33	1		12/17/18 14:16	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 14:16	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 14:16	108-88-3	
Trichloroethene	**22.0**	ug/L	1.0	0.26	1		12/17/18 14:16	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 14:16	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 14:16	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 14:16	1330-20-7	
cis-1,2-Dichloroethene	**14.3**	ug/L	1.0	0.27	1		12/17/18 14:16	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 14:16	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/17/18 14:16	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 14:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/17/18 14:16	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		12/17/18 14:16	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		12/17/18 14:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: EX05 **Lab ID: 40181043002** Collected: 12/12/18 09:20 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		12/12/18 09:20		
Apparent Color	**N**	no units			1		12/12/18 09:20		
Odor	**0**	no units			1		12/12/18 09:20		

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: EX07 **Lab ID: 40181043003** Collected: 12/12/18 10:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.61**	ug/L	2.5	0.61	2.5		12/18/18 08:33	71-55-6	
1,1,2-Trichloroethane	**<1.4**	ug/L	12.5	1.4	2.5		12/18/18 08:33	79-00-5	
1,1-Dichloroethane	**3.3**	ug/L	2.5	0.68	2.5		12/18/18 08:33	75-34-3	
1,1-Dichloroethene	**0.70J**	ug/L	2.5	0.61	2.5		12/18/18 08:33	75-35-4	
1,2-Dibromo-3-chloropropane	**<4.4**	ug/L	14.7	4.4	2.5		12/18/18 08:33	96-12-8	
1,2-Dibromoethane (EDB)	**<2.1**	ug/L	6.9	2.1	2.5		12/18/18 08:33	106-93-4	
1,2-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		12/18/18 08:33	95-50-1	
1,2-Dichloroethane	**<0.70**	ug/L	2.5	0.70	2.5		12/18/18 08:33	107-06-2	
1,2-Dichloropropane	**<0.71**	ug/L	2.5	0.71	2.5		12/18/18 08:33	78-87-5	
1,3-Dichlorobenzene	**<1.6**	ug/L	5.2	1.6	2.5		12/18/18 08:33	541-73-1	
1,4-Dichlorobenzene	**<2.4**	ug/L	7.9	2.4	2.5		12/18/18 08:33	106-46-7	
2-Butanone (MEK)	**<7.3**	ug/L	50.0	7.3	2.5		12/18/18 08:33	78-93-3	
Acetone	**<6.9**	ug/L	50.0	6.9	2.5		12/18/18 08:33	67-64-1	
Benzene	**1.6J**	ug/L	2.5	0.62	2.5		12/18/18 08:33	71-43-2	
Bromodichloromethane	**<0.91**	ug/L	3.0	0.91	2.5		12/18/18 08:33	75-27-4	
Bromoform	**<9.9**	ug/L	33.1	9.9	2.5		12/18/18 08:33	75-25-2	
Bromomethane	**<2.4**	ug/L	12.5	2.4	2.5		12/18/18 08:33	74-83-9	
Carbon disulfide	**<0.94**	ug/L	12.5	0.94	2.5		12/18/18 08:33	75-15-0	
Carbon tetrachloride	**<0.41**	ug/L	2.5	0.41	2.5		12/18/18 08:33	56-23-5	
Chlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		12/18/18 08:33	108-90-7	
Chloroethane	**<3.4**	ug/L	12.5	3.4	2.5		12/18/18 08:33	75-00-3	
Chloroform	**<3.2**	ug/L	12.5	3.2	2.5		12/18/18 08:33	67-66-3	
Chloromethane	**<5.5**	ug/L	18.2	5.5	2.5		12/18/18 08:33	74-87-3	
Dibromochloromethane	**<6.5**	ug/L	21.7	6.5	2.5		12/18/18 08:33	124-48-1	
Dibromomethane	**<2.3**	ug/L	7.8	2.3	2.5		12/18/18 08:33	74-95-3	
Dichlorodifluoromethane	**<1.2**	ug/L	12.5	1.2	2.5		12/18/18 08:33	75-71-8	
Ethylbenzene	**17.3**	ug/L	2.5	0.55	2.5		12/18/18 08:33	100-41-4	
Methyl-tert-butyl ether	**<3.1**	ug/L	10.4	3.1	2.5		12/18/18 08:33	1634-04-4	
Methylene Chloride	**<1.5**	ug/L	12.5	1.5	2.5		12/18/18 08:33	75-09-2	
Naphthalene	**<2.9**	ug/L	12.5	2.9	2.5		12/18/18 08:33	91-20-3	
Styrene	**<1.2**	ug/L	3.9	1.2	2.5		12/18/18 08:33	100-42-5	
Tetrachloroethene	**<0.82**	ug/L	2.7	0.82	2.5		12/18/18 08:33	127-18-4	
Tetrahydrofuran	**<5.8**	ug/L	50.0	5.8	2.5		12/18/18 08:33	109-99-9	
Toluene	**54.6**	ug/L	12.5	0.43	2.5		12/18/18 08:33	108-88-3	
Trichloroethene	**5.4**	ug/L	2.5	0.64	2.5		12/18/18 08:33	79-01-6	
Trichlorofluoromethane	**<0.54**	ug/L	2.5	0.54	2.5		12/18/18 08:33	75-69-4	
Vinyl chloride	**536**	ug/L	2.5	0.44	2.5		12/18/18 08:33	75-01-4	
Xylene (Total)	**187**	ug/L	7.5	3.8	2.5		12/18/18 08:33	1330-20-7	
cis-1,2-Dichloroethene	**767**	ug/L	10.0	2.7	10		12/18/18 09:17	156-59-2	
cis-1,3-Dichloropropene	**<9.1**	ug/L	30.2	9.1	2.5		12/18/18 08:33	10061-01-5	
trans-1,2-Dichloroethene	**5.9J**	ug/L	9.1	2.7	2.5		12/18/18 08:33	156-60-5	
trans-1,3-Dichloropropene	**<10.9**	ug/L	36.4	10.9	2.5		12/18/18 08:33	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		2.5		12/18/18 08:33	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		2.5		12/18/18 08:33	1868-53-7	
Toluene-d8 (S)	102	%	70-130		2.5		12/18/18 08:33	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: EX07 **Lab ID: 40181043003** Collected: 12/12/18 10:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	no units			1		12/12/18 10:00		
Apparent Color	**0**	no units			1		12/12/18 10:00		
Odor	**N**	no units			1		12/12/18 10:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: EX08 **Lab ID: 40181043004** Collected: 12/12/18 09:45 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/18/18 08:11	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/18/18 08:11	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/18/18 08:11	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/18/18 08:11	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/18/18 08:11	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/18/18 08:11	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/18/18 08:11	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/18/18 08:11	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/18/18 08:11	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/18/18 08:11	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/18/18 08:11	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/18/18 08:11	78-93-3	
Acetone	**3.2J**	ug/L	20.0	2.7	1		12/18/18 08:11	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/18/18 08:11	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/18/18 08:11	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/18/18 08:11	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/18/18 08:11	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/18/18 08:11	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/18/18 08:11	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/18/18 08:11	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/18/18 08:11	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/18/18 08:11	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/18/18 08:11	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/18/18 08:11	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/18/18 08:11	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/18/18 08:11	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/18/18 08:11	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/18/18 08:11	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/18/18 08:11	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/18/18 08:11	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/18/18 08:11	100-42-5	
Tetrachloroethene	**1.3**	ug/L	1.1	0.33	1		12/18/18 08:11	127-18-4	
Tetrahydrofuran	**136**	ug/L	20.0	2.3	1		12/18/18 08:11	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/18/18 08:11	108-88-3	
Trichloroethene	**6.5**	ug/L	1.0	0.26	1		12/18/18 08:11	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/18/18 08:11	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/18/18 08:11	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/18/18 08:11	1330-20-7	
cis-1,2-Dichloroethene	**0.64J**	ug/L	1.0	0.27	1		12/18/18 08:11	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/18/18 08:11	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/18/18 08:11	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/18/18 08:11	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/18/18 08:11	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		12/18/18 08:11	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/18/18 08:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: EX08 **Lab ID: 40181043004** Collected: 12/12/18 09:45 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		12/12/18 09:45		
Apparent Color	**N**	no units			1		12/12/18 09:45		
Odor	**N**	no units			1		12/12/18 09:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: GEW26 **Lab ID: 40181043005** Collected: 12/12/18 10:10 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.61**	ug/L	2.5	0.61	2.5		12/18/18 08:55	71-55-6	
1,1,2-Trichloroethane	**<1.4**	ug/L	12.5	1.4	2.5		12/18/18 08:55	79-00-5	
1,1-Dichloroethane	**<0.68**	ug/L	2.5	0.68	2.5		12/18/18 08:55	75-34-3	
1,1-Dichloroethene	**<0.61**	ug/L	2.5	0.61	2.5		12/18/18 08:55	75-35-4	
1,2-Dibromo-3-chloropropane	**<4.4**	ug/L	14.7	4.4	2.5		12/18/18 08:55	96-12-8	
1,2-Dibromoethane (EDB)	**<2.1**	ug/L	6.9	2.1	2.5		12/18/18 08:55	106-93-4	
1,2-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		12/18/18 08:55	95-50-1	
1,2-Dichloroethane	**<0.70**	ug/L	2.5	0.70	2.5		12/18/18 08:55	107-06-2	
1,2-Dichloropropane	**<0.71**	ug/L	2.5	0.71	2.5		12/18/18 08:55	78-87-5	
1,3-Dichlorobenzene	**<1.6**	ug/L	5.2	1.6	2.5		12/18/18 08:55	541-73-1	
1,4-Dichlorobenzene	**<2.4**	ug/L	7.9	2.4	2.5		12/18/18 08:55	106-46-7	
2-Butanone (MEK)	**<7.3**	ug/L	50.0	7.3	2.5		12/18/18 08:55	78-93-3	
Acetone	**<6.9**	ug/L	50.0	6.9	2.5		12/18/18 08:55	67-64-1	
Benzene	**<0.62**	ug/L	2.5	0.62	2.5		12/18/18 08:55	71-43-2	
Bromodichloromethane	**<0.91**	ug/L	3.0	0.91	2.5		12/18/18 08:55	75-27-4	
Bromoform	**<9.9**	ug/L	33.1	9.9	2.5		12/18/18 08:55	75-25-2	
Bromomethane	**<2.4**	ug/L	12.5	2.4	2.5		12/18/18 08:55	74-83-9	
Carbon disulfide	**<0.94**	ug/L	12.5	0.94	2.5		12/18/18 08:55	75-15-0	
Carbon tetrachloride	**<0.41**	ug/L	2.5	0.41	2.5		12/18/18 08:55	56-23-5	
Chlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		12/18/18 08:55	108-90-7	
Chloroethane	**<3.4**	ug/L	12.5	3.4	2.5		12/18/18 08:55	75-00-3	
Chloroform	**<3.2**	ug/L	12.5	3.2	2.5		12/18/18 08:55	67-66-3	
Chloromethane	**<5.5**	ug/L	18.2	5.5	2.5		12/18/18 08:55	74-87-3	
Dibromochloromethane	**<6.5**	ug/L	21.7	6.5	2.5		12/18/18 08:55	124-48-1	
Dibromomethane	**<2.3**	ug/L	7.8	2.3	2.5		12/18/18 08:55	74-95-3	
Dichlorodifluoromethane	**<1.2**	ug/L	12.5	1.2	2.5		12/18/18 08:55	75-71-8	
Ethylbenzene	**<0.55**	ug/L	2.5	0.55	2.5		12/18/18 08:55	100-41-4	
Methyl-tert-butyl ether	**<3.1**	ug/L	10.4	3.1	2.5		12/18/18 08:55	1634-04-4	
Methylene Chloride	**<1.5**	ug/L	12.5	1.5	2.5		12/18/18 08:55	75-09-2	
Naphthalene	**<2.9**	ug/L	12.5	2.9	2.5		12/18/18 08:55	91-20-3	
Styrene	**<1.2**	ug/L	3.9	1.2	2.5		12/18/18 08:55	100-42-5	
Tetrachloroethene	**<0.82**	ug/L	2.7	0.82	2.5		12/18/18 08:55	127-18-4	
Tetrahydrofuran	**<5.8**	ug/L	50.0	5.8	2.5		12/18/18 08:55	109-99-9	
Toluene	**0.69J**	ug/L	12.5	0.43	2.5		12/18/18 08:55	108-88-3	
Trichloroethene	**4.2**	ug/L	2.5	0.64	2.5		12/18/18 08:55	79-01-6	
Trichlorofluoromethane	**<0.54**	ug/L	2.5	0.54	2.5		12/18/18 08:55	75-69-4	
Vinyl chloride	**24.7**	ug/L	2.5	0.44	2.5		12/18/18 08:55	75-01-4	
Xylene (Total)	**<3.8**	ug/L	7.5	3.8	2.5		12/18/18 08:55	1330-20-7	
cis-1,2-Dichloroethene	**365**	ug/L	2.5	0.68	2.5		12/18/18 08:55	156-59-2	
cis-1,3-Dichloropropene	**<9.1**	ug/L	30.2	9.1	2.5		12/18/18 08:55	10061-01-5	
trans-1,2-Dichloroethene	**3.1J**	ug/L	9.1	2.7	2.5		12/18/18 08:55	156-60-5	
trans-1,3-Dichloropropene	**<10.9**	ug/L	36.4	10.9	2.5		12/18/18 08:55	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		2.5		12/18/18 08:55	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		2.5		12/18/18 08:55	1868-53-7	
Toluene-d8 (S)	100	%	70-130		2.5		12/18/18 08:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: GEW26 **Lab ID: 40181043005** Collected: 12/12/18 10:10 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	no units			1		12/12/18 10:10		
Apparent Color	**0**	no units			1		12/12/18 10:10		
Odor	**N**	no units			1		12/12/18 10:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: TW15 **Lab ID: 40181043006** Collected: 12/12/18 11:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.61J**	ug/L	1.0	0.24	1		12/17/18 14:38	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 14:38	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/17/18 14:38	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 14:38	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 14:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 14:38	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 14:38	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 14:38	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 14:38	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 14:38	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 14:38	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 14:38	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		12/17/18 14:38	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 14:38	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 14:38	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 14:38	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 14:38	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 14:38	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 14:38	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 14:38	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 14:38	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 14:38	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 14:38	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 14:38	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 14:38	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 14:38	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 14:38	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 14:38	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 14:38	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 14:38	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 14:38	100-42-5	
Tetrachloroethene	**4.2**	ug/L	1.1	0.33	1		12/17/18 14:38	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 14:38	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 14:38	108-88-3	
Trichloroethene	**2.7**	ug/L	1.0	0.26	1		12/17/18 14:38	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 14:38	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 14:38	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 14:38	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/17/18 14:38	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 14:38	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/17/18 14:38	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 14:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/17/18 14:38	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/17/18 14:38	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		12/17/18 14:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: TW15 **Lab ID: 40181043006** Collected: 12/12/18 11:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	no units			1		12/12/18 11:00		
Static Water Level	**1027.60**	feet			1		12/12/18 11:00		
Apparent Color	**0**	no units			1		12/12/18 11:00		
Odor	**N**	no units			1		12/12/18 11:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: MW10S **Lab ID: 40181043007** Collected: 12/12/18 12:45 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/17/18 15:01	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 15:01	79-00-5	
1,1-Dichloroethane	**1.3**	ug/L	1.0	0.27	1		12/17/18 15:01	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 15:01	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 15:01	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 15:01	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 15:01	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 15:01	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 15:01	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 15:01	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 15:01	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 15:01	78-93-3	
Acetone	**3.2J**	ug/L	20.0	2.7	1		12/17/18 15:01	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 15:01	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 15:01	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 15:01	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 15:01	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 15:01	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 15:01	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 15:01	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 15:01	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 15:01	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 15:01	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 15:01	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 15:01	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 15:01	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 15:01	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 15:01	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 15:01	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 15:01	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 15:01	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/17/18 15:01	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 15:01	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 15:01	108-88-3	
Trichloroethene	**33.3**	ug/L	1.0	0.26	1		12/17/18 15:01	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 15:01	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 15:01	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 15:01	1330-20-7	
cis-1,2-Dichloroethene	**118**	ug/L	1.0	0.27	1		12/17/18 15:01	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 15:01	10061-01-5	
trans-1,2-Dichloroethene	**4.6**	ug/L	3.6	1.1	1		12/17/18 15:01	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 15:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/17/18 15:01	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/17/18 15:01	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		12/17/18 15:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: MW10S **Lab ID: 40181043007** Collected: 12/12/18 12:45 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	no units			1		12/12/18 12:45		
Static Water Level	**995.78**	feet			1		12/12/18 12:45		
Apparent Color	**0**	no units			1		12/12/18 12:45		
Odor	**N**	no units			1		12/12/18 12:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: MW10D **Lab ID: 40181043008** Collected: 12/12/18 13:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**2.2**	ug/L	1.0	0.24	1		12/17/18 15:23	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 15:23	79-00-5	
1,1-Dichloroethane	**1.4**	ug/L	1.0	0.27	1		12/17/18 15:23	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 15:23	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 15:23	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 15:23	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 15:23	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 15:23	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 15:23	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 15:23	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 15:23	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 15:23	78-93-3	
Acetone	**3.7J**	ug/L	20.0	2.7	1		12/17/18 15:23	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 15:23	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 15:23	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 15:23	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 15:23	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 15:23	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 15:23	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 15:23	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 15:23	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 15:23	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 15:23	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 15:23	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 15:23	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 15:23	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 15:23	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 15:23	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 15:23	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 15:23	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 15:23	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/17/18 15:23	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 15:23	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 15:23	108-88-3	
Trichloroethene	**94.6**	ug/L	1.0	0.26	1		12/17/18 15:23	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 15:23	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 15:23	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 15:23	1330-20-7	
cis-1,2-Dichloroethene	**70.7**	ug/L	1.0	0.27	1		12/17/18 15:23	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 15:23	10061-01-5	
trans-1,2-Dichloroethene	**1.7J**	ug/L	3.6	1.1	1		12/17/18 15:23	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 15:23	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/17/18 15:23	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		12/17/18 15:23	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		12/17/18 15:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: MW10D **Lab ID: 40181043008** Collected: 12/12/18 13:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		12/12/18 13:00		
Static Water Level	**1005.72**	feet			1		12/12/18 13:00		
Apparent Color	**N**	no units			1		12/12/18 13:00		
Odor	**N**	no units			1		12/12/18 13:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: MW10B **Lab ID: 40181043009** Collected: 12/12/18 12:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.85J**	ug/L	1.0	0.24	1		12/17/18 15:45	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 15:45	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/17/18 15:45	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 15:45	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 15:45	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 15:45	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 15:45	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 15:45	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 15:45	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 15:45	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 15:45	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 15:45	78-93-3	
Acetone	**4.2J**	ug/L	20.0	2.7	1		12/17/18 15:45	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 15:45	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 15:45	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 15:45	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 15:45	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 15:45	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 15:45	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 15:45	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 15:45	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 15:45	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 15:45	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 15:45	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 15:45	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 15:45	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 15:45	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 15:45	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 15:45	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 15:45	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 15:45	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/17/18 15:45	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 15:45	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 15:45	108-88-3	
Trichloroethene	**16.4**	ug/L	1.0	0.26	1		12/17/18 15:45	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 15:45	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 15:45	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 15:45	1330-20-7	
cis-1,2-Dichloroethene	**10.2**	ug/L	1.0	0.27	1		12/17/18 15:45	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 15:45	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/17/18 15:45	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 15:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/17/18 15:45	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		12/17/18 15:45	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		12/17/18 15:45	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: MW10B **Lab ID: 40181043009** Collected: 12/12/18 12:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		12/12/18 12:00		
Static Water Level	**998.07**	feet			1		12/12/18 12:00		
Apparent Color	**N**	no units			1		12/12/18 12:00		
Odor	**0**	no units			1		12/12/18 12:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: MW10B DUP **Lab ID: 40181043010** Collected: 12/12/18 12:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**0.80J**	ug/L	1.0	0.24	1		12/17/18 13:10	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 13:10	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/17/18 13:10	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 13:10	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 13:10	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 13:10	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 13:10	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 13:10	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 13:10	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 13:10	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 13:10	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 13:10	78-93-3	
Acetone	**2.8J**	ug/L	20.0	2.7	1		12/17/18 13:10	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 13:10	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 13:10	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 13:10	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 13:10	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 13:10	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 13:10	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 13:10	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 13:10	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 13:10	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 13:10	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 13:10	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 13:10	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 13:10	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 13:10	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 13:10	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 13:10	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 13:10	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 13:10	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/17/18 13:10	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 13:10	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 13:10	108-88-3	
Trichloroethene	**16.8**	ug/L	1.0	0.26	1		12/17/18 13:10	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 13:10	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 13:10	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 13:10	1330-20-7	
cis-1,2-Dichloroethene	**8.2**	ug/L	1.0	0.27	1		12/17/18 13:10	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 13:10	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/17/18 13:10	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 13:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		12/17/18 13:10	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		12/17/18 13:10	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		12/17/18 13:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: MW10B DUP **Lab ID: 40181043010** Collected: 12/12/18 12:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		12/12/18 12:00		
Static Water Level	**998.07**	feet			1		12/12/18 12:00		
Apparent Color	**N**	no units			1		12/12/18 12:00		
Odor	**0**	no units			1		12/12/18 12:00		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: PW1 **Lab ID: 40181043011** Collected: 12/12/18 08:35 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/17/18 21:23	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 21:23	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/17/18 21:23	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 21:23	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 21:23	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 21:23	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 21:23	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 21:23	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 21:23	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 21:23	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 21:23	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 21:23	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		12/17/18 21:23	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 21:23	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 21:23	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 21:23	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 21:23	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 21:23	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 21:23	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 21:23	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 21:23	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 21:23	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 21:23	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 21:23	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 21:23	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 21:23	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 21:23	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 21:23	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 21:23	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 21:23	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 21:23	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/17/18 21:23	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 21:23	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 21:23	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/17/18 21:23	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 21:23	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 21:23	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 21:23	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/17/18 21:23	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 21:23	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/17/18 21:23	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 21:23	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		12/17/18 21:23	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		12/17/18 21:23	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		12/17/18 21:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: PW1 **Lab ID: 40181043011** Collected: 12/12/18 08:35 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		12/12/18 08:35		
Apparent Color	**N**	no units			1		12/12/18 08:35		
Odor	**N**	no units			1		12/12/18 08:35		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: PW3 **Lab ID: 40181043012** Collected: 12/12/18 08:45 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/17/18 21:45	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 21:45	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/17/18 21:45	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 21:45	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 21:45	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 21:45	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 21:45	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 21:45	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 21:45	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 21:45	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 21:45	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 21:45	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		12/17/18 21:45	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 21:45	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 21:45	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 21:45	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 21:45	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 21:45	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 21:45	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 21:45	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 21:45	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 21:45	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 21:45	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 21:45	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 21:45	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 21:45	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 21:45	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 21:45	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 21:45	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 21:45	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 21:45	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/17/18 21:45	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 21:45	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 21:45	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/17/18 21:45	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 21:45	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 21:45	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 21:45	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/17/18 21:45	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 21:45	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/17/18 21:45	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 21:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/17/18 21:45	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		12/17/18 21:45	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/17/18 21:45	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: PW3 **Lab ID: 40181043012** Collected: 12/12/18 08:45 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**0**	no units			1		12/12/18 08:45		
Apparent Color	**0**	no units			1		12/12/18 08:45		
Odor	**N**	no units			1		12/12/18 08:45		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: PW269 **Lab ID: 40181043013** Collected: 12/12/18 08:10 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/17/18 19:12	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 19:12	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/17/18 19:12	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 19:12	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 19:12	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 19:12	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 19:12	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 19:12	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 19:12	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 19:12	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 19:12	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 19:12	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		12/17/18 19:12	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 19:12	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 19:12	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 19:12	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 19:12	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 19:12	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 19:12	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 19:12	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 19:12	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 19:12	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 19:12	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 19:12	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 19:12	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 19:12	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 19:12	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 19:12	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 19:12	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 19:12	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 19:12	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/17/18 19:12	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 19:12	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 19:12	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/17/18 19:12	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 19:12	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 19:12	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 19:12	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/17/18 19:12	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 19:12	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/17/18 19:12	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 19:12	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		12/17/18 19:12	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		12/17/18 19:12	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		12/17/18 19:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: PW269 **Lab ID: 40181043013** Collected: 12/12/18 08:10 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		12/12/18 08:10		
Apparent Color	**N**	no units			1		12/12/18 08:10		
Odor	**N**	no units			1		12/12/18 08:10		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: PW270 **Lab ID: 40181043014** Collected: 12/12/18 08:20 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/17/18 19:34	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/17/18 19:34	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/17/18 19:34	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/17/18 19:34	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/17/18 19:34	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/17/18 19:34	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 19:34	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 19:34	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/17/18 19:34	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/17/18 19:34	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/17/18 19:34	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/17/18 19:34	78-93-3	
Acetone	**3.0J**	ug/L	20.0	2.7	1		12/17/18 19:34	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/17/18 19:34	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/17/18 19:34	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/17/18 19:34	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/17/18 19:34	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/17/18 19:34	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 19:34	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/17/18 19:34	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/17/18 19:34	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/17/18 19:34	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/17/18 19:34	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/17/18 19:34	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/17/18 19:34	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/17/18 19:34	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/17/18 19:34	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/17/18 19:34	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/17/18 19:34	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/17/18 19:34	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/17/18 19:34	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/17/18 19:34	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/17/18 19:34	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/17/18 19:34	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/17/18 19:34	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/17/18 19:34	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/17/18 19:34	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/17/18 19:34	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/17/18 19:34	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/17/18 19:34	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/17/18 19:34	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/17/18 19:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		12/17/18 19:34	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		12/17/18 19:34	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/17/18 19:34	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: PW270 **Lab ID: 40181043014** Collected: 12/12/18 08:20 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Turbidity	**N**	no units			1		12/12/18 08:20		
Apparent Color	**N**	no units			1		12/12/18 08:20		
Odor	**N**	no units			1		12/12/18 08:20		

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: TRIP BLANK **Lab ID: 40181043015** Collected: 12/12/18 00:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		12/18/18 07:49	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/18/18 07:49	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/18/18 07:49	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/18/18 07:49	75-35-4	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		12/18/18 07:49	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		12/18/18 07:49	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/18/18 07:49	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/18/18 07:49	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		12/18/18 07:49	78-87-5	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		12/18/18 07:49	541-73-1	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		12/18/18 07:49	106-46-7	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		12/18/18 07:49	78-93-3	
Acetone	**<2.7**	ug/L	20.0	2.7	1		12/18/18 07:49	67-64-1	
Benzene	**<0.25**	ug/L	1.0	0.25	1		12/18/18 07:49	71-43-2	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		12/18/18 07:49	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		12/18/18 07:49	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		12/18/18 07:49	74-83-9	
Carbon disulfide	**<0.37**	ug/L	5.0	0.37	1		12/18/18 07:49	75-15-0	
Carbon tetrachloride	**<0.17**	ug/L	1.0	0.17	1		12/18/18 07:49	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		12/18/18 07:49	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		12/18/18 07:49	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		12/18/18 07:49	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		12/18/18 07:49	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		12/18/18 07:49	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		12/18/18 07:49	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		12/18/18 07:49	75-71-8	
Ethylbenzene	**<0.22**	ug/L	1.0	0.22	1		12/18/18 07:49	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		12/18/18 07:49	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		12/18/18 07:49	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		12/18/18 07:49	91-20-3	
Styrene	**<0.47**	ug/L	1.6	0.47	1		12/18/18 07:49	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/18/18 07:49	127-18-4	
Tetrahydrofuran	**<2.3**	ug/L	20.0	2.3	1		12/18/18 07:49	109-99-9	
Toluene	**<0.17**	ug/L	5.0	0.17	1		12/18/18 07:49	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/18/18 07:49	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		12/18/18 07:49	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/18/18 07:49	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		12/18/18 07:49	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/18/18 07:49	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		12/18/18 07:49	10061-01-5	
trans-1,2-Dichloroethene	**<1.1**	ug/L	3.6	1.1	1		12/18/18 07:49	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		12/18/18 07:49	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		12/18/18 07:49	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		12/18/18 07:49	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/18/18 07:49	2037-26-5	

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ANALYTICAL RESULTS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Sample: EX01A **Lab ID: 40181043016** Collected: 12/12/18 00:00 Received: 12/14/18 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Well Broken	**0**	no units			1		12/12/18 00:00		

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

QC Batch: 309313 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 40181043001, 40181043002, 40181043003, 40181043004, 40181043005, 40181043006, 40181043007, 40181043008, 40181043009, 40181043010, 40181043011, 40181043012, 40181043013, 40181043014, 40181043015

METHOD BLANK: 1807205 | Matrix: Water
Associated Lab Samples: 40181043001, 40181043002, 40181043003, 40181043004, 40181043005, 40181043006, 40181043007, 40181043008, 40181043009, 40181043010, 40181043011, 40181043012, 40181043013, 40181043014, 40181043015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/17/18 08:01	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/17/18 08:01	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/17/18 08:01	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/17/18 08:01	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	12/17/18 08:01	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	12/17/18 08:01	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	12/17/18 08:01	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/17/18 08:01	
1,2-Dichloropropane	ug/L	<0.28	1.0	12/17/18 08:01	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	12/17/18 08:01	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	12/17/18 08:01	
2-Butanone (MEK)	ug/L	<2.9	20.0	12/17/18 08:01	
Acetone	ug/L	<2.7	20.0	12/17/18 08:01	
Benzene	ug/L	<0.25	1.0	12/17/18 08:01	
Bromodichloromethane	ug/L	<0.36	1.2	12/17/18 08:01	
Bromoform	ug/L	<4.0	13.2	12/17/18 08:01	
Bromomethane	ug/L	<0.97	5.0	12/17/18 08:01	
Carbon disulfide	ug/L	<0.37	5.0	12/17/18 08:01	
Carbon tetrachloride	ug/L	<0.17	1.0	12/17/18 08:01	
Chlorobenzene	ug/L	<0.71	2.4	12/17/18 08:01	
Chloroethane	ug/L	<1.3	5.0	12/17/18 08:01	
Chloroform	ug/L	<1.3	5.0	12/17/18 08:01	
Chloromethane	ug/L	<2.2	7.3	12/17/18 08:01	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/17/18 08:01	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	12/17/18 08:01	
Dibromochloromethane	ug/L	<2.6	8.7	12/17/18 08:01	
Dibromomethane	ug/L	<0.94	3.1	12/17/18 08:01	
Dichlorodifluoromethane	ug/L	<0.50	5.0	12/17/18 08:01	
Ethylbenzene	ug/L	<0.22	1.0	12/17/18 08:01	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	12/17/18 08:01	
Methylene Chloride	ug/L	<0.58	5.0	12/17/18 08:01	
Naphthalene	ug/L	<1.2	5.0	12/17/18 08:01	
Styrene	ug/L	<0.47	1.6	12/17/18 08:01	
Tetrachloroethene	ug/L	<0.33	1.1	12/17/18 08:01	
Tetrahydrofuran	ug/L	<2.3	20.0	12/17/18 08:01	
Toluene	ug/L	<0.17	5.0	12/17/18 08:01	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	12/17/18 08:01	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	12/17/18 08:01	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

METHOD BLANK: 1807205 Matrix: Water

Associated Lab Samples: 40181043001, 40181043002, 40181043003, 40181043004, 40181043005, 40181043006, 40181043007, 40181043008, 40181043009, 40181043010, 40181043011, 40181043012, 40181043013, 40181043014, 40181043015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	<0.26	1.0	12/17/18 08:01	
Trichlorofluoromethane	ug/L	<0.21	1.0	12/17/18 08:01	
Vinyl chloride	ug/L	<0.17	1.0	12/17/18 08:01	
Xylene (Total)	ug/L	<1.5	3.0	12/17/18 08:01	
4-Bromofluorobenzene (S)	%	92	70-130	12/17/18 08:01	
Dibromofluoromethane (S)	%	93	70-130	12/17/18 08:01	
Toluene-d8 (S)	%	105	70-130	12/17/18 08:01	

LABORATORY CONTROL SAMPLE: 1807206

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	100000	95400	95	70-133	
1,1,2-Trichloroethane	ug/L	100000	102000	102	70-130	
1,1-Dichloroethane	ug/L	100000	78100	78	70-134	
1,1-Dichloroethene	ug/L	100000	80000	80	75-132	
1,2-Dibromo-3-chloropropane	ug/L	100000	97800	98	60-126	
1,2-Dibromoethane (EDB)	ug/L	100000	104000	104	70-130	
1,2-Dichlorobenzene	ug/L	100000	103000	103	70-130	
1,2-Dichloroethane	ug/L	100000	87400	87	73-134	
1,2-Dichloropropane	ug/L	100000	102000	102	79-128	
1,3-Dichlorobenzene	ug/L	100000	101000	101	70-130	
1,4-Dichlorobenzene	ug/L	100000	103000	103	70-130	
Benzene	ug/L	100000	105000	105	69-137	
Bromodichloromethane	ug/L	100000	98700	99	70-130	
Bromoform	ug/L	100000	90600	91	64-133	
Bromomethane	ug/L	100000	71700	72	29-123	
Carbon disulfide	ug/L	100000	74700	75	67-153	
Carbon tetrachloride	ug/L	100000	96300	96	73-142	
Chlorobenzene	ug/L	100000	102000	102	70-130	
Chloroethane	ug/L	100000	63500	63	59-133	
Chloroform	ug/L	100000	89700	90	80-129	
Chloromethane	ug/L	100000	58000	58	27-125	
cis-1,2-Dichloroethene	ug/L	100000	81700	82	70-134	
cis-1,3-Dichloropropene	ug/L	100000	99500	100	70-130	
Dibromochloromethane	ug/L	100000	101000	101	70-130	
Dichlorodifluoromethane	ug/L	100000	83100	83	12-127	
Ethylbenzene	ug/L	100000	103000	103	86-127	
Methyl-tert-butyl ether	ug/L	100000	76200	76	65-136	
Methylene Chloride	ug/L	100000	74400	74	72-133	
Styrene	ug/L	100000	103000	103	70-130	
Tetrachloroethene	ug/L	100000	103000	103	70-130	
Toluene	ug/L	100000	104000	104	84-124	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

LABORATORY CONTROL SAMPLE: 1807206

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	100000	82100	82	70-133	
trans-1,3-Dichloropropene	ug/L	100000	87800	88	67-130	
Trichloroethene	ug/L	100000	105000	105	70-130	
Trichlorofluoromethane	ug/L	100000	84900	85	69-147	
Vinyl chloride	ug/L	100000	80100	80	48-134	
Xylene (Total)	ug/L	300000	313000	104	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Dibromofluoromethane (S)	%			93	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1807284 1807285

Parameter	Units	40181043001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	0.63J	50	50	48.3	47.0	95	93	70-136	3	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	51.1	49.2	102	98	70-130	4	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	38.0	38.2	76	76	70-139	0	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	40.9	39.3	82	79	72-137	4	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	49.5	48.1	99	96	60-130	3	21	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	52.0	51.4	104	103	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	48.9	49.1	98	98	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	44.4	43.0	89	86	71-137	3	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	51.7	49.7	103	99	78-130	4	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	49.2	49.0	98	98	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	50.0	49.7	100	99	70-130	1	20	
Benzene	ug/L	<0.25	50	50	52.4	51.7	105	103	66-143	1	20	
Bromodichloromethane	ug/L	<0.36	50	50	50.0	48.9	100	98	70-130	2	20	
Bromoform	ug/L	<4.0	50	50	45.8	44.7	92	89	64-134	2	20	
Bromomethane	ug/L	<0.97	50	50	33.2	32.7	66	65	29-136	1	25	
Carbon disulfide	ug/L	<0.37	50	50	36.8	35.5	74	71	67-156	4	21	
Carbon tetrachloride	ug/L	<0.17	50	50	48.8	46.5	98	93	73-142	5	20	
Chlorobenzene	ug/L	<0.71	50	50	51.8	50.3	104	101	70-130	3	20	
Chloroethane	ug/L	<1.3	50	50	29.9	28.6	60	57	58-138	4	20	M1
Chloroform	ug/L	<1.3	50	50	44.1	43.9	88	88	80-131	0	20	
Chloromethane	ug/L	<2.2	50	50	26.5	27.6	53	55	24-125	4	20	
cis-1,2-Dichloroethene	ug/L	3.3	50	50	44.0	43.4	81	80	68-137	1	22	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	49.7	48.9	99	98	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	50.9	49.6	102	99	70-131	3	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	38.9	38.1	78	76	10-127	2	20	
Ethylbenzene	ug/L	<0.22	50	50	52.0	50.7	104	101	81-136	3	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	38.0	37.7	76	75	58-142	1	23	
Methylene Chloride	ug/L	<0.58	50	50	36.9	36.6	74	73	69-137	1	20	
Styrene	ug/L	<0.47	50	50	53.0	49.7	106	99	70-130	6	20	
Tetrachloroethene	ug/L	<0.33	50	50	51.2	49.7	102	99	70-132	3	20	

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QUALITY CONTROL DATA

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1807284 1807285

Parameter	Units	40181043001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene	ug/L	<0.17	50	50	51.6	50.7	103	101	81-130	2	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	40.7	39.5	81	79	70-136	3	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	44.0	43.4	88	87	67-130	1	20	
Trichloroethene	ug/L	14.9	50	50	67.8	66.1	106	102	70-131	3	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	42.5	41.3	85	83	66-150	3	20	
Vinyl chloride	ug/L	<0.17	50	50	38.5	37.7	77	75	46-134	2	20	
Xylene (Total)	ug/L	<1.5	150	150	156	150	104	100	70-134	4	20	
4-Bromofluorobenzene (S)	%						96	95	70-130			
Dibromofluoromethane (S)	%						92	93	70-130			
Toluene-d8 (S)	%						101	100	70-130			

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QUALIFIERS

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60485031 SCHUSTER DRIVE LF
Pace Project No.: 40181043

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40181043001	**EX04**	EPA 8260	309313		
40181043002	**EX05**	EPA 8260	309313		
40181043003	**EX07**	EPA 8260	309313		
40181043004	**EX08**	EPA 8260	309313		
40181043005	**GEW26**	EPA 8260	309313		
40181043006	**TW15**	EPA 8260	309313		
40181043007	**MW10S**	EPA 8260	309313		
40181043008	**MW10D**	EPA 8260	309313		
40181043009	**MW10B**	EPA 8260	309313		
40181043010	**MW10B DUP**	EPA 8260	309313		
40181043011	**PW1**	EPA 8260	309313		
40181043012	**PW3**	EPA 8260	309313		
40181043013	**PW269**	EPA 8260	309313		
40181043014	**PW270**	EPA 8260	309313		
40181043015	**TRIP BLANK**	EPA 8260	309313		
40181043001	**EX04**				
40181043002	**EX05**				
40181043003	**EX07**				
40181043004	**EX08**				
40181043005	**GEW26**				
40181043006	**TW15**				
40181043007	**MW10S**				
40181043008	**MW10D**				
40181043009	**MW10B**				
40181043010	**MW10B DUP**				
40181043011	**PW1**				
40181043012	**PW3**				
40181043013	**PW269**				
40181043014	**PW270**				
40181043016	**EX01A**				

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 2

COC No. 401810 43

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Middleton, WI
Project Contact:	Leo Linnemanstons
Phone:	(608) 828-8208
Project Number:	60485031
Project Name:	Schuster Drive Landfill
Project State:	WI
Sampled By (Print):	Alex Moe
Sampled By (Sign):	alm
PO #:	
Regulatory Program:	

Quote #:	N/A
Mail To Contact:	Leo Linnemanstons
Mail To Company:	AECOM - Middleton
Mail To Address:	1350 Deming Way, Middleton, WI 53562
Invoice To Contact:	Leo Linnemanstons
Invoice To Company:	AECOM - Middleton
Invoice To Address:	1350 Deming Way, Middleton, WI 53562
Invoice To Phone:	608-828-8208
Profile #	171

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☒ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) PRESERVATION (CODE)* Y/N	Pick Letter	Analyses Requested: VOCs 8260 (NR507 list)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
					N	B			
001	EX04	12/12/18	0930	GW			X		
002	EX05	↓	0920	GW			X		
003	EX07		1000	GW			X		
004	EX08		0945	GW			X		
005	GEW26		1010	GW			X		
006	TW15		1100	GW			X		
007	MW10S		1245	GW			X		
008	MW10D		1300	GW			X		
009	MW10B		1200	GW			X		
010	MW10B DUP		1200	GW			X		
011	PW1		0835	GW			X		
012	PW3		0845	GW			X		
013	PW269		0810	GW			X		

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
alm / AECOM	12/13/18 1000AM	Mary Jannin	12/13/18 9:30
Mary Jannin	12/13/18 1340		
CJ Lagatec	12/14/18 0835	Ollie Rae	12/14/18 0835

PACE Project No. 401810 43

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

COC No. 60181043

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)

Company Name:	AECOM
Branch/Location:	Middleton, WI
Project Contact:	Leo Linnemanstons
Phone:	(608) 828-8208
Project Number:	60485031
Project Name:	Schuster Drive Landfill
Project State:	WI
Sampled By (Print):	Alex Moe
Sampled By (Sign):	Alex
PO #:	
Regulatory Program:	

Quote #:	N/A
Mail To Contact:	Leo Linnemanstons
Mail To Company:	AECOM - Middleton
Mail To Address:	1350 Deming Way, Middleton, WI 53562
Invoice To Contact:	Leo Linnemanstons
Invoice To Company:	AECOM - Middleton
Invoice To Address:	1350 Deming Way, Middleton, WI 53562
Invoice To Phone:	608-828-8208

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☒ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO) PRESERVATION (CODE)*

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: VOCs 8260 (NR507 list)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
	Y / N				N		
	Pick Letter				B		
04	PW270	12/12/18	0820	GW	X		
05	Trip Blank	12/12/18	0800	GW	X		

Profile # 171

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Alex / AECOM	12/13/18 1000AM	Mary Fannin	12/13/18 9:30
Mary Fannin	12/13/18 1340		
CS Logistics	12/14/18 0835	Alex Pace	12/14/18 0835

PACE Project No. 60181043

Receipt Temp = RD °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: Aecom

Project # 40181043

All containers needing preservation have been checked and noted below: □Yes □No ☑N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/ Time:

Pace Lab #	Glass							Plastic							Vials						Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
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015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : □Yes □No □N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical™ 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 25Apr2018
	Document No.: **F-GB-C-031-Rev.07**	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO#: 40181043**

40181043

Client Name: Aecom

Courier: ☑ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other: _____

Tracking #: _____

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

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: /Corr: 20.1

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 12/14/18
Initials: [illegible]

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No	MS/MSD: ☐Yes ☑No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☑Yes ☐No ☐N/A	12.
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 410		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [signature] **Date:** 12/15/18

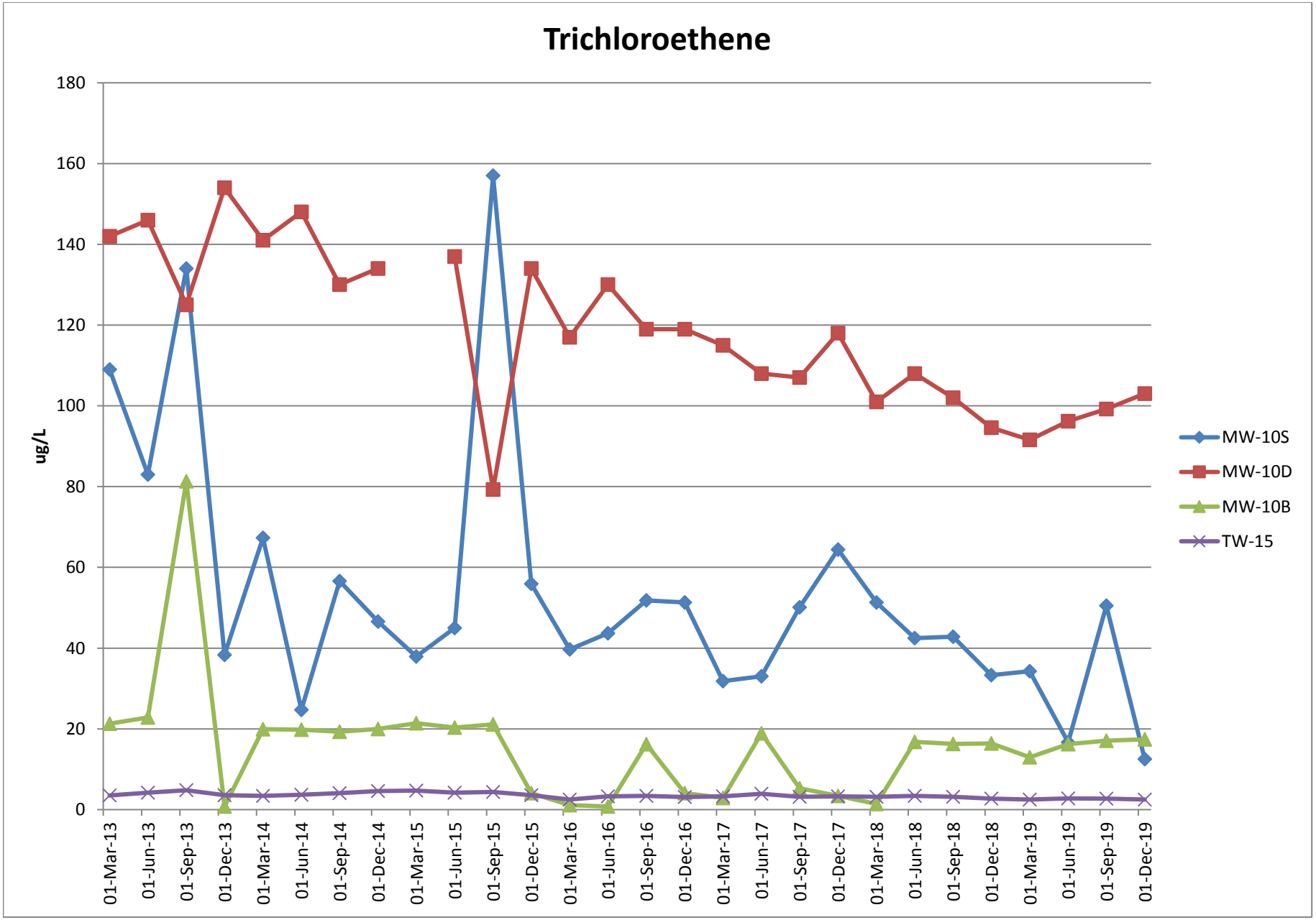
Appendix B

Performance Monitoring VOC Trend Graphs

Appendix B

Performance Monitoring VOC Trend Graphs - 2018-2019 Groundwater Monitoring Report

Schuster Drive Landfill - West Bend, Wisconsin



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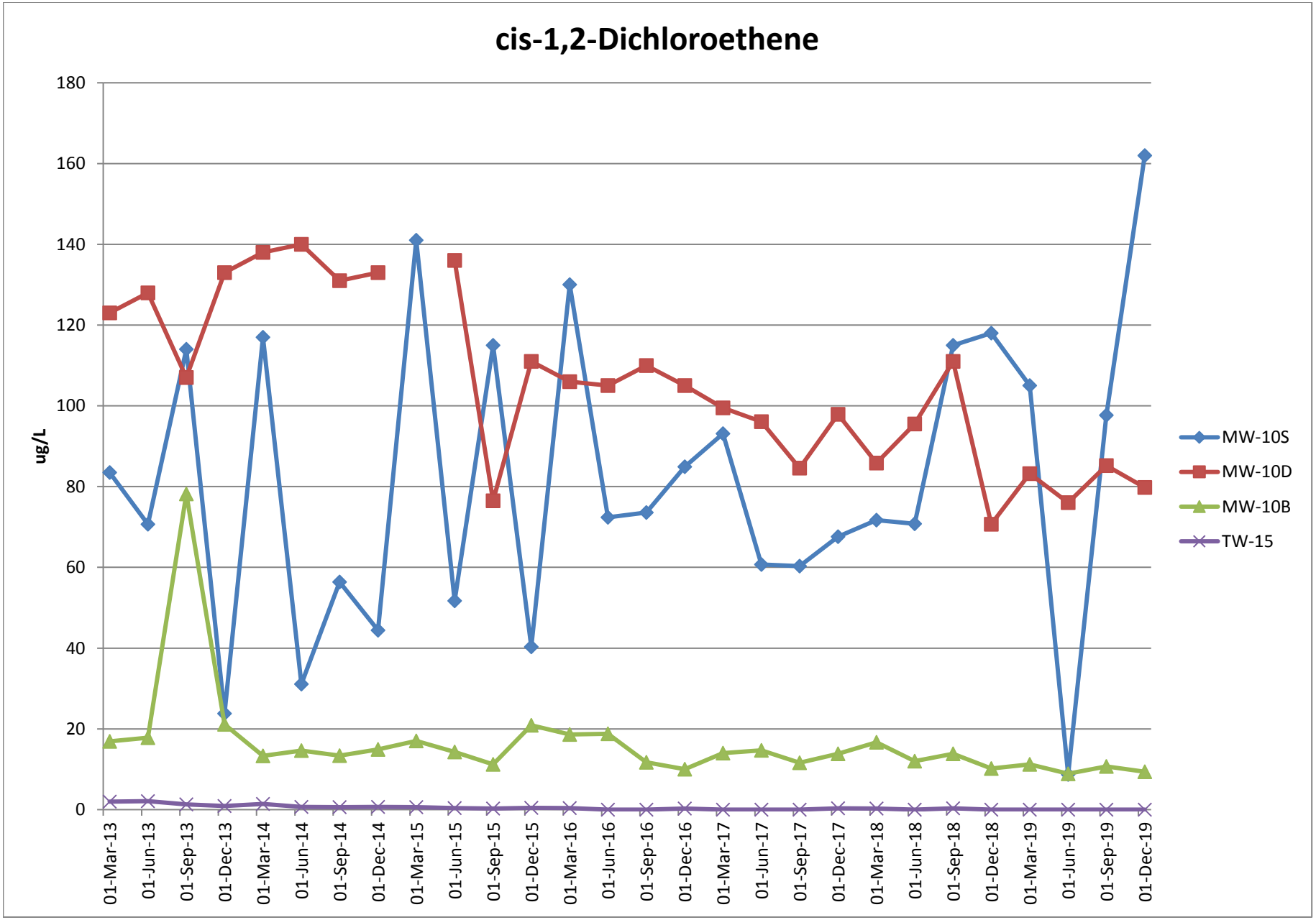

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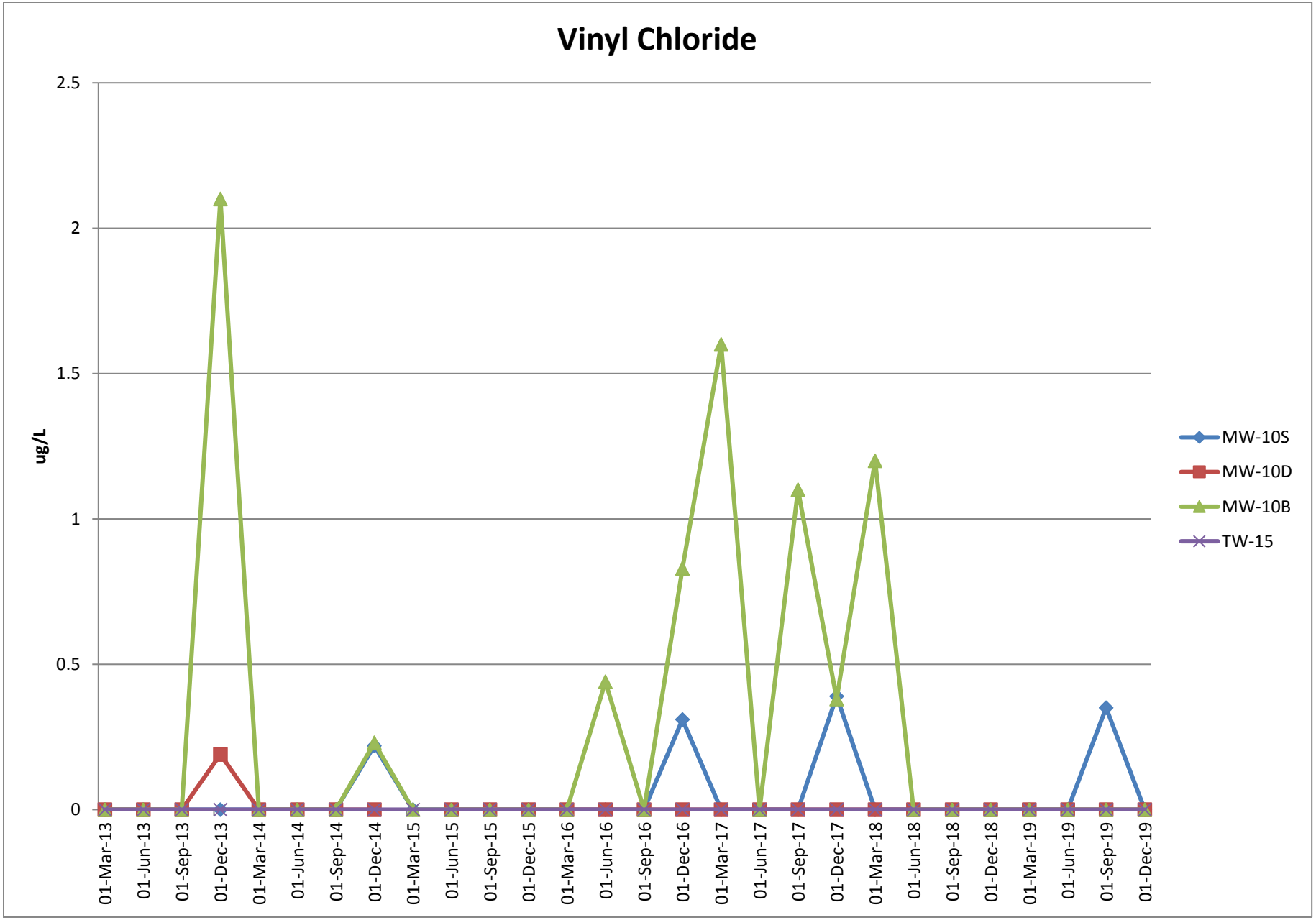

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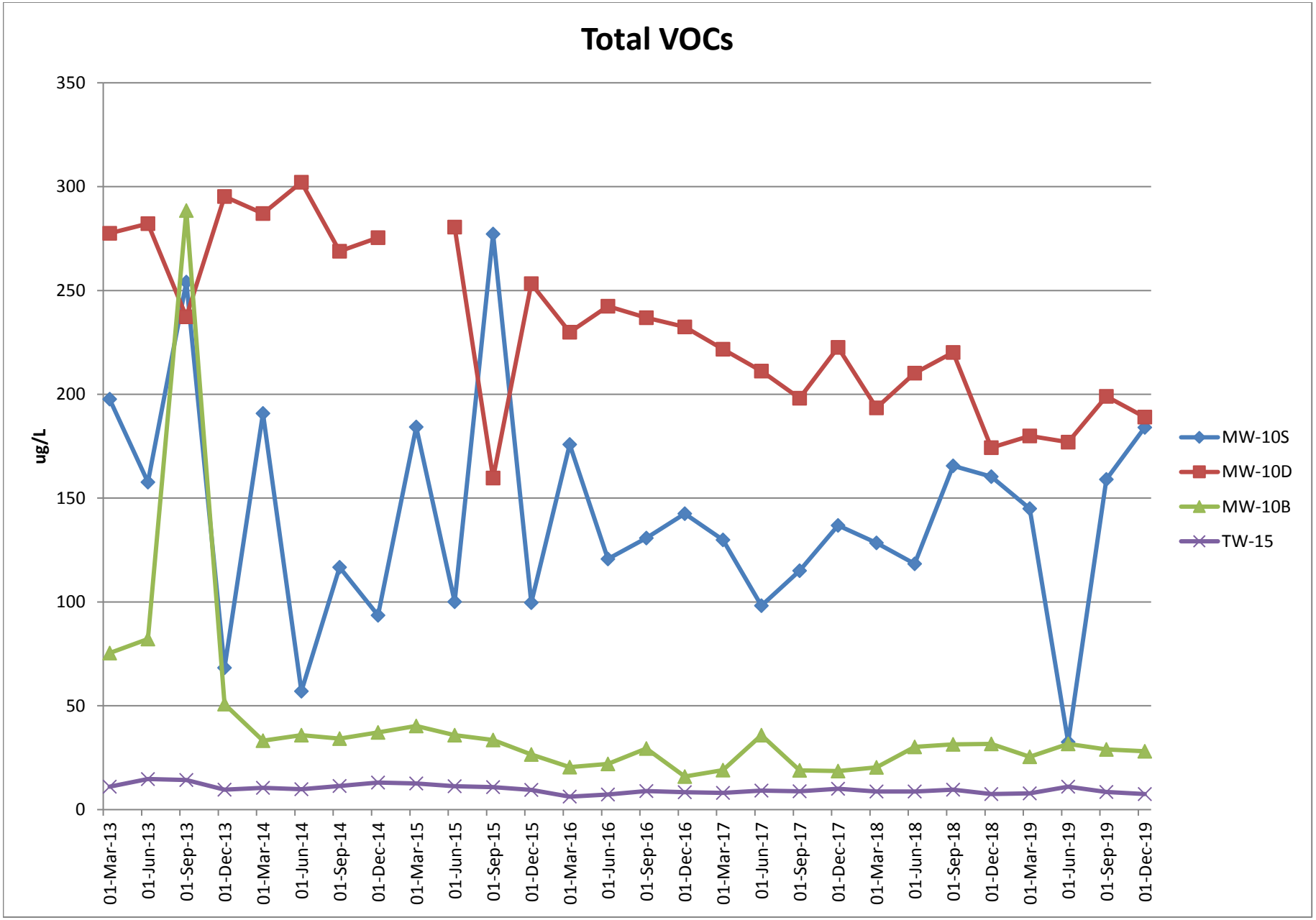

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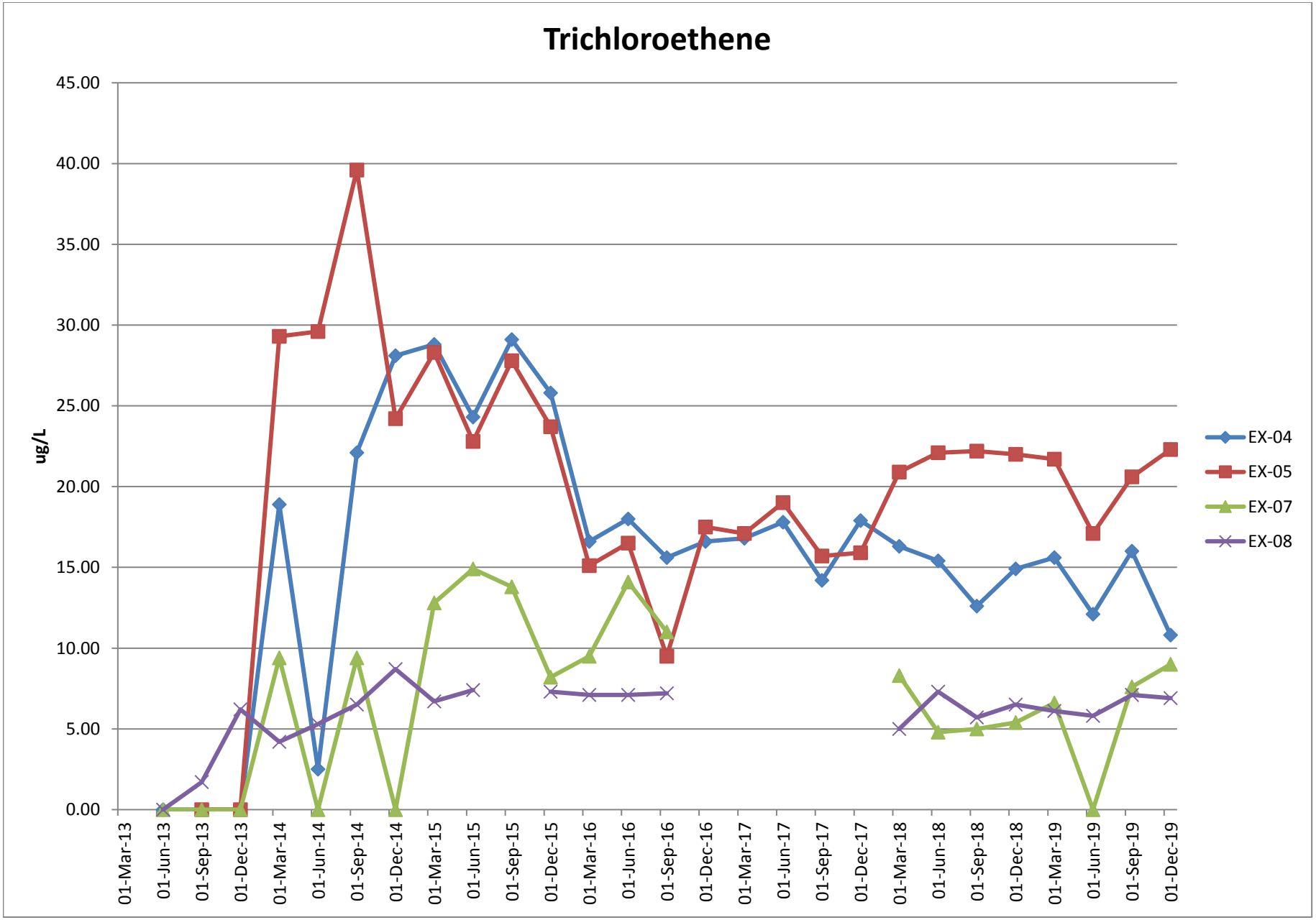

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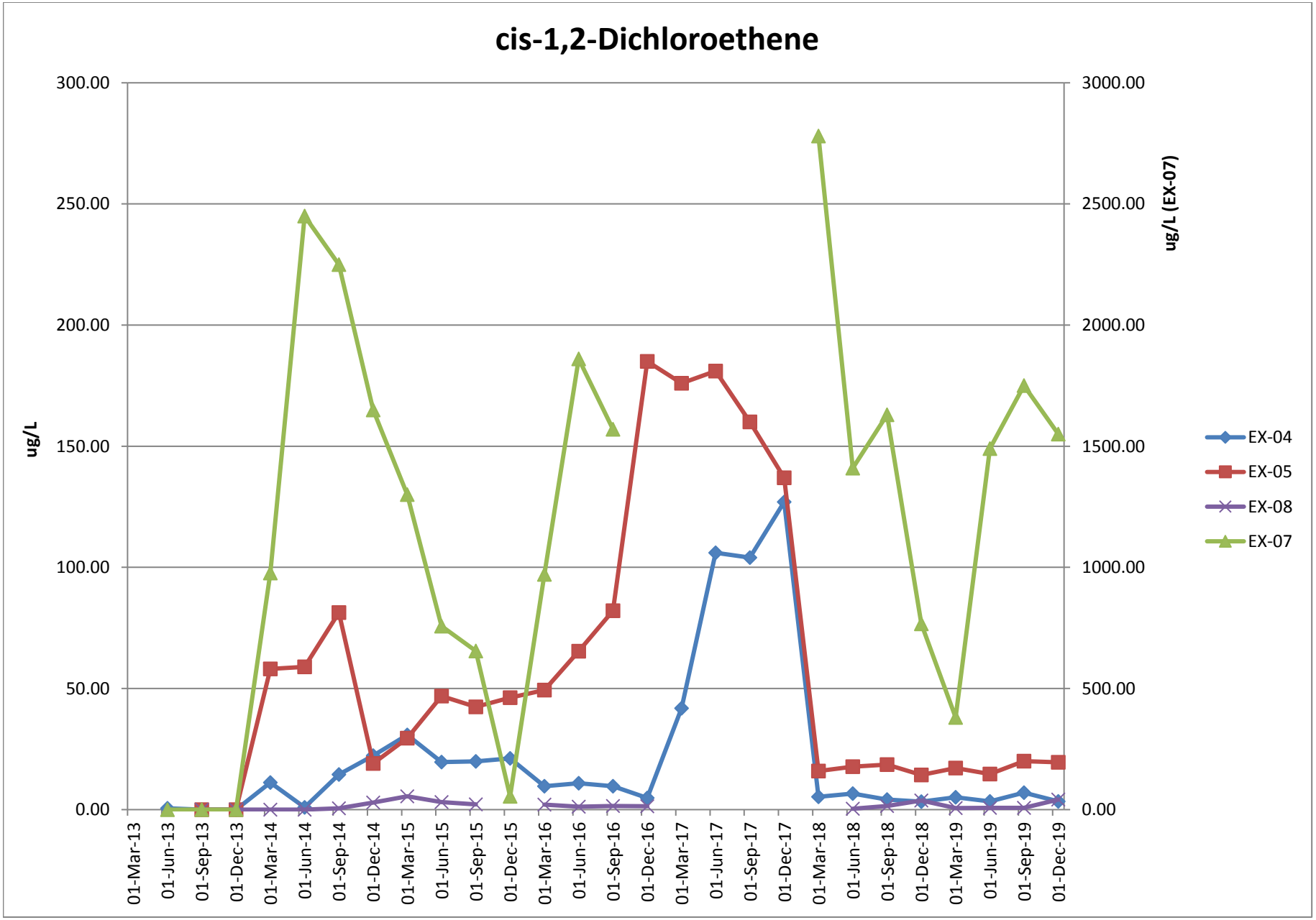

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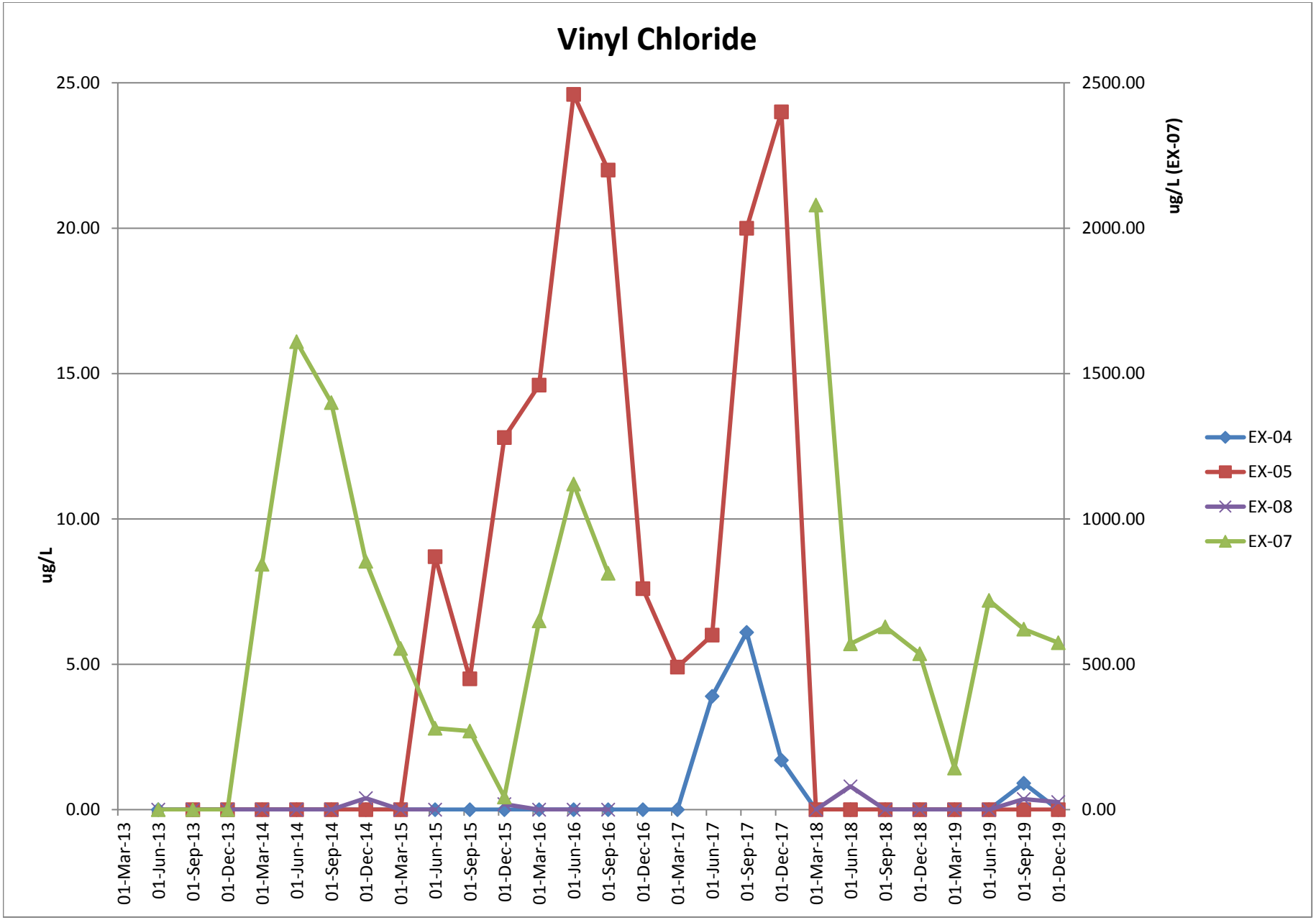

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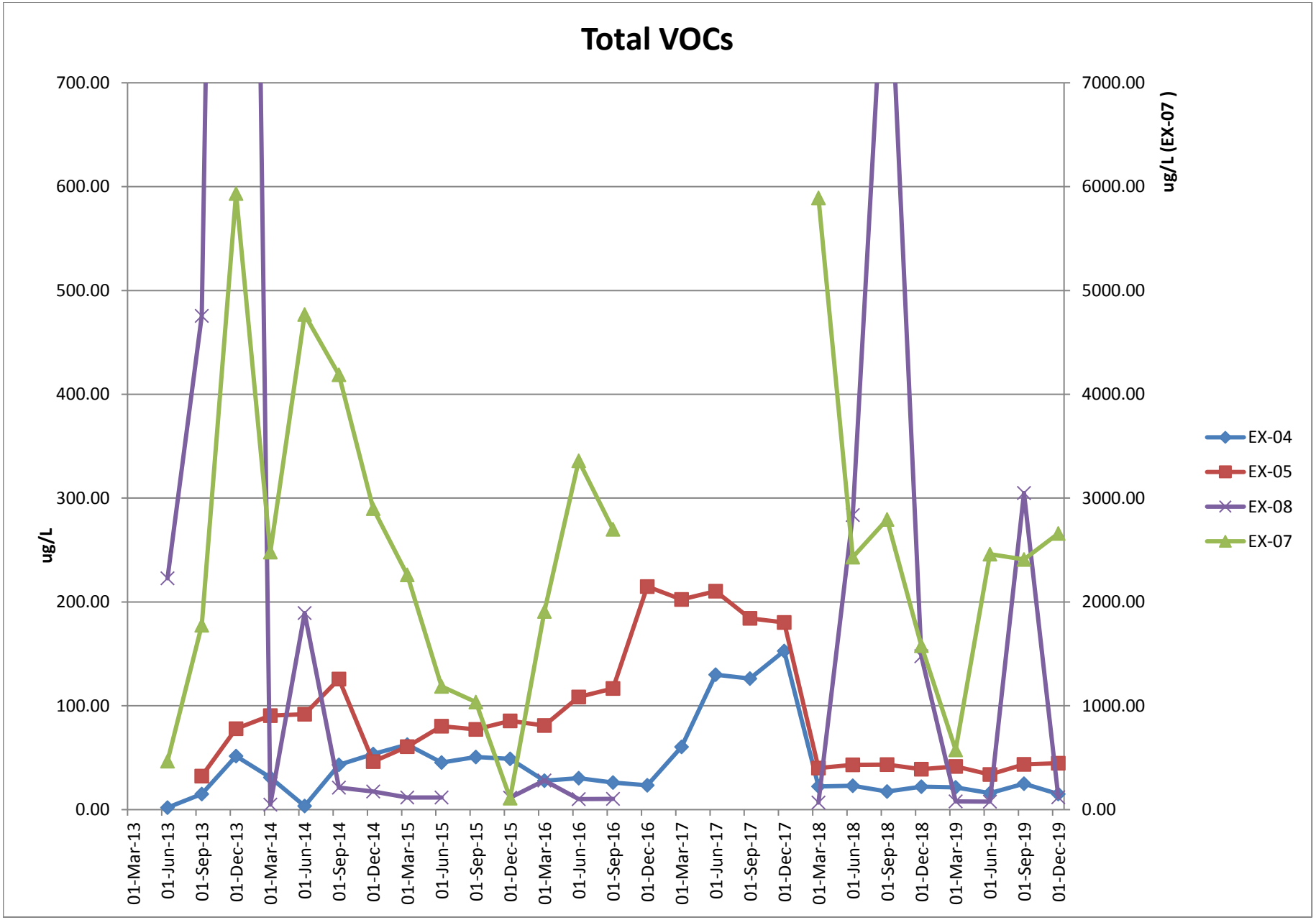
Schuster Drive Landfill - West Bend, Wisconsin